41-303 CV

DOMINION BUREAU
OF STATISTICS
JAN 25 1954
PROPERTY OF THE
LIBRARY

GOVERNMENT OF CANADA

# THE PRIMARY IRON AND STEEL INDUSTRY
# 1952

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1954

DOMINION BUREAU OF STATISTICS—DEPARTMENT OF TRADE AND COMMERCE
CANADA

# THE PRIMARY IRON AND STEEL INDUSTRY
# 1952

*Published by*
Authority of the Rt. Hon. C. D. Howe
Minister of Trade and Commerce

Prepared in the Mining, Metallurgical and Chemical Section
Industry and Merchandising Division
Dominion Bureau of Statistics
Ottawa

6502-624
10-11-53

Price 25 cents

Vol. 2—Part X—J-1

## NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

I—General Review of the Manufacturing Industries, $1.50
II—The Manufacturing Industries, by Provinces
- Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢
- Section 2. Principal Statistics of Individual Industries, 75¢
- Section 3. Principal Statistics by Regional Distribution, 75¢

III—Foods and Beverages
IV—Tobacco and Tobacco Products
V—Rubber Products
VI—Leather Products
VII—Textiles
VIII—Wood and Paper Products
IX—Printing Trades
X—Iron and Steel Products
XI—Transportation Equipment
XII—Non-ferrous Metal Products
XIII—Electrical Apparatus and Supplies
XIV—Non-metallic Mineral Products
XV—Products of Petroleum and Coal
XVI—Chemicals and Allied Products
XVII—Miscellaneous Manufactures

The present report belongs in Part X, Iron and Steel Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

A—General Review, 25¢
B—The Agricultural Implements Industry, 25¢
C—The Boilers and Plate Work Industry, 25¢
D—The Bridge Building and Structural Steel Industry, 25¢
E—The Hardware, Tools and Cutlery Industry, 25¢
F—The Heating and Cooking Apparatus Industry, 25¢
G—The Machinery Industry, 25¢
H—The Machine Shops Industry, 25¢
I—The Iron Castings Industry, 25¢
J—The Primary Iron and Steel Industry, 25¢
K—The Sheet Metal Products Industry, 25¢
L—The Wire and Wire Goods Industry, 25¢
M—The Miscellaneous Iron and Steel Products Industry, 25¢

# THE PRIMARY IRON AND STEEL INDUSTRY

## 1952

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 iron and steel products, (e) cold-drawn steel bars, strips and shapes. Forty-five firms were included in this industry in 1952, and reports were received from 58 different plants or departments, including 5 blast furnace departments, 3 ferro-alloy plants, 36 steel furnace divisions, and 14 rolling or drawing mills. Separate reports were received for blast furnace departments, for steel furnace divisions and rolling mills, even when all three were units of a single works.

Factory sales of pig iron, ferro-alloys, steel ingots and castings and finished rolled products were 8.5 per cent higher in value in 1952 than in 1951, the totals being $504,000,394 and $464,587,486 respectively. Twenty-four works in Ontario accounted for 77 per cent of the total for Canada, or $386,834,377; 14 plants in Quebec accounted for 12 per cent, or $60,535,519; 5 plants in Nova Scotia for 8 per cent, or $40,477,549 while the remaining $16,152,949, or 3 per cent, was accounted for by 4 plants in Manitoba, 2 in Alberta and 9 in British Columbia.

In 1952 a total of 35,001 people was employed in this industry, an increase of 4.8 per cent over the 1951 total of 33,393. Sixty-seven per cent of the employees, or 23,479, worked in plants in Ontario, 5,319 in Nova Scotia, 4,503 in Quebec, 1,058 in Manitoba and 642 in Alberta and British Columbia. Payments in salaries and wages during 1952 amounted to $124,387,290, an increase of 14.6 per cent over the previous year's total of $108,561,802. Salaries advanced to $18,972,041 from $16,744,000 and wages increased to $105,415,249 from $91,817,802.

Materials used in manufacturing processes cost $239,001,158 in 1952 compared with $223,011,814 in 1951, and the cost of fuel and electricity was $31,421,918 as against $32,103,307, an increased expenditure of 6 per cent for materials, fuel and power.

### PIG IRON

Output of 2,681,585 net tons of pig iron in 1952 was 5 per cent more than the 2,552,893 tons reported for the previous year. Production of basic iron amounted to 2,053,691 tons or 77 per cent of the total; foundry iron amounted to 220,754 tons, and malleable iron to 407,140 tons.

Producers' sales of pig iron totalled 752,963 tons at $37,998,156 compared with 726,357 tons at $36,891,960 in 1951.

Charges to iron blast furnaces during the year included 3,477,356 tons of imported iron ore, 1,404,797 tons of Canadian ore, 2,493,903 tons of coke and 981,489 tons of limestone.

Imports of pig iron during the calendar year decreased to 1,665 tons from the 22,126 tons in 1951, and exports increased to 375,987 tons from 223,635 tons.

Producers' stocks of pig iron at the end of 1952 totalled 58,959 tons compared with 81,220 tons at the end of the previous year.

The apparent consumption of pig iron in Canada, as calculated by deducting the exports from the sum of the production and imports, and allowing for changes in producers' stocks, amounted to 2,329,524 tons in 1952, or about 1 per cent less than in 1951 when the apparent domestic supply was 2,355,536 tons.

Producers of pig iron in Canada had 15 blast furnaces at the end of 1952 which could produce 3.45 million net tons if operated at rated capacity. Actual production of 2,681,585 net tons in 1952 showed an operating rate of about 78 per cent. Fifteen furnaces were in blast during the year.

### FERRO-ALLOYS

Ferro-alloys were made in 1952 by 9 different concerns, 5 of which recovered ferrosilicon as a by-product in the manufacture of abrasives. Output of ferro-alloys in 1952 amounted to 232,117 tons, a decline of about 13 per cent from the 266,252 tons reported in 1951.

Altogether, ferrosilicon was made in eight different plants, spiegeleisen in one, ferrochrome in two, ferromanganese in one and silicomanganese in one. Other ferro-alloys produced by one firm only included silicospiegel, ferrozirconium, chrom-sil-x and ferrophosphorus.

## STEEL INGOTS AND CASTINGS

Steel production increased about 4 per cent to 3,703,111 tons in 1952 from 3,568,720 tons in 1951, the output of steel ingots going to 3,577,758 tons from 3,447,132 tons, while castings production rose to 125,353 tons from 121,588 tons. Factory sales of ingots and castings totalled 265,723 tons at $57,178,291.

Thirty-six steel plants were in operation during the year. At the end of 1952 these plants had 127 furnaces, including 48 basic open-hearth furnaces with an annual rated capacity of 3,808,900 tons, 77 electric furnaces rated at 970,400 tons and 2 converters at 4,800 tons. There were 10 makers of steel ingots with capacity of 3,371,700 net tons per annum. The total annual steel capacity of all plants, including ingots and castings, was 4,784,100 tons at the year-end.

Operating steel furnaces in 1952 used 1,958,258 net tons of pig iron, 2,122,270 tons of scrap iron or steel, 277,804 tons of iron ore, 276,202 tons of limestone, 149,310 tons of dolomite, 74,986 tons of lime, 135,439tons of silica sand, 17,918 tons of magnesite and 52,999 tons of ferro-alloys.

## ROLLED AND DRAWN STEEL

In 1952 there were 11 mills occupied chiefly in hot rolling of steel products and 3 mills making only cold-drawn and cold-rolled shapes. Eight of these mills were in Ontario, 2 in Nova Scotia, 2 in Quebec, 1 in Manitoba and 1 in British Columbia.

Rolling mill sales advanced 9 per cent to $353,453,081 from $323,615,728 in 1951. The main items sold during the year under review were 600,302 tons of hot-rolled bars at $81,124,625; 234,799 tons of plates at $26,071,334; 341,302 tons of rails and rail fastenings at $30,937,476; 399,753 tons of semi-finished forms, such as blooms, billets, etc., at $34,946,164; 212,919 tons of structural shapes at $22,140,506; 128,900 tons of wire rods at $11,554,693; 50,652 tons of cold-reduced bars at $13,049,782; and other rolled products including hot and cold-rolled sheets and strip, skelp, sheet piling, tin plate, galvanized sheets, etc., totalling 830,152 tons at $125,322,643.

**TABLE 1. Provincial Distribution of Active Plants in the Primary Iron and Steel Industry, 1952**

| Province | Number of firms | Pig iron | | Steel ingots and castings | | Rolling and drawing mills | Ferro-alloys[1] |
|---|---|---|---|---|---|---|---|
| | | Number of plants | Number of blast furnaces | Number of plants | Number of steel furnaces | | |
| Nova Scotia | 3 | 1 | 3 | 2 | 12 | 2 | – |
| Quebec | 12 | – | – | 11 | 22 | 2 | 1 |
| Ontario | 16 | 4 | 12 | 10 | 74 | 8 | 2 |
| Manitoba | 3 | – | – | 3 | 5 | 1 | – |
| Alberta | 2 | – | – | 2 | 2 | – | – |
| British Columbia | 9 | – | – | 8 | 12 | 1 | – |
| **Canada** | **45**[2] | **5** | **15** | **36** | **127** | **14** | **3** |

1. Not including artificial abrasive plants which made ferrosilicon as a by-product.
2. Some firms operate in more than one province.

**TABLE 2. Principal Statistics of the Primary Iron and Steel Industry, 1948-1952**

| Year | Number of plants | Number of employees | Salaries and wages for year | Cost of fuel and electricity at works | Cost of materials at works | Gross selling value of products at works |
|---|---|---|---|---|---|---|
| | | | $ | $ | $ | $ |
| 1948 | 55 | 29,367 | 77,357,760 | 24,111,139 | 132,779,063 | 282,167,150 |
| 1949 | 55 | 29,097 | 82,958,229 | 22,352,965 | 147,229,391 | 305,734,984 |
| 1950 | 55 | 29,051 | 85,411,927 | 26,714,750 | 159,282,919 | 340,540,042 |
| 1951 | 57 | 33,393 | 108,561,802 | 32,103,307 | 223,011,814 | 464,587,486 |
| 1952 | 58 | 35,001 | 124,387,290 | 31,421,918 | 239,001,158 | 504,000,394 |
| Per cent change, 1952 from 1951 | — | +4.8 | +14.6 | -2.1 | +7.2 | +8.5 |

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

**TABLE 3. Principal Statistics of the Primary Iron and Steel Industry, by Provinces, 1951 and 1952**

| Province | Number of plants | Number of employees | Salaries and wages | Cost of fuel and electricity at works | Cost of materials at works | Gross selling value of products at works |
|---|---|---|---|---|---|---|
| | | | $ | $ | $ | $ |
| 1951 | | | | | | |
| Nova Scotia | 5 | 4,837 | 13,254,893 | 4,316,009 | 20,341,735 | 39,512,061 |
| Quebec | 13 | 4,199 | 12,823,031 | 3,185,940 | 17,811,850 | 48,758,840 |
| Ontario | 24 | 22,670 | 77,427,879 | 23,778,906 | 178,221,367 | 359,409,798 |
| Manitoba | 4 | 1,000 | 2,792,450 | 495,772 | 2,672,887 | 8,732,057 |
| Alberta | 2 | 687 | 2,263,549 | 326,680 | 3,963,975 | 8,174,730 |
| British Columbia | 9 | | | | | |
| **Canada** | **57** | **33,393** | **108,561,802** | **32,103,307** | **223,011,814** | **464,587,486** |
| 1952 | | | | | | |
| Nova Scotia | 5 | 5,319 | 15,802,344 | 4,545,124 | 22,466,114 | 40,477,549 |
| Quebec | 14 | 4,503 | 15,358,658 | 3,364,884 | 21,977,037 | 60,535,519 |
| Ontario | 24 | 23,479 | 87,661,218 | 22,606,300 | 189,473,864 | 386,834,377 |
| Manitoba | 4 | 1,058 | 3,385,366 | 553,026 | 3,208,475 | 9,834,937 |
| Alberta | 2 | 642 | 2,179,704 | 352,584 | 1,875,668 | 6,318,012 |
| British Columbia | 9 | | | | | |
| **Canada** | **58** | **35,001** | **124,387,290** | **31,421,918** | **239,001,158** | **504,000,394** |

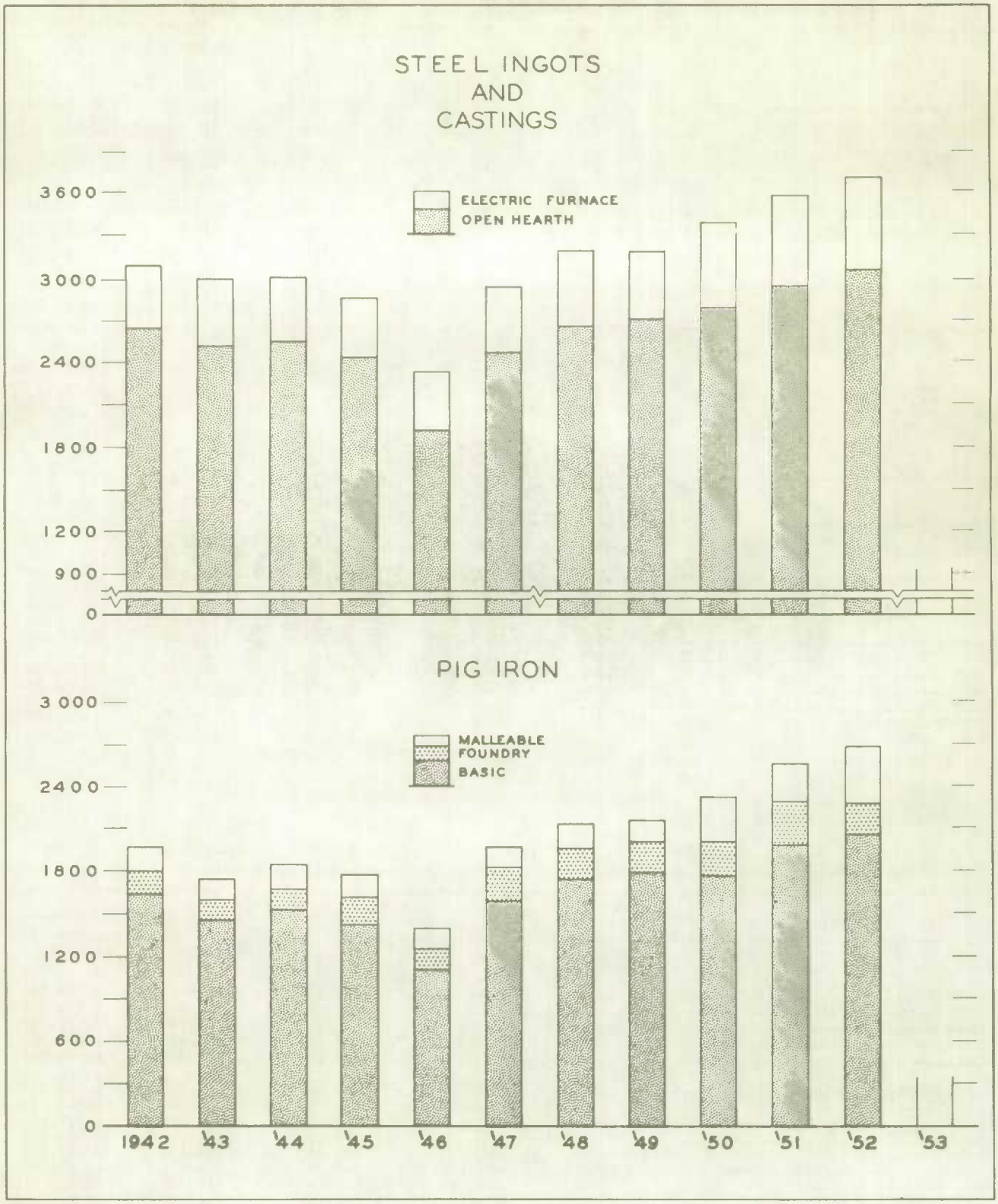
## (a) PIG IRON

**TABLE 4. Production of Pig Iron and Sales by Producers, 1951 and 1952**

| Grade | Delivered in molten condition | Machine-cast | Total tonnage made | Sales | |
|---|---|---|---|---|---|
| | | | | Quantity | Income from sales |
| | Net tons | | | | $ |
| 1951 | | | | | |
| Basic | 1,767,573 | 221,369 | 1,988,942 | 168,780 | 8,403,602 |
| Foundry | — | 306,264 | 306,264 | 299,978 | 14,778,233 |
| Malleable | — | 257,687 | 257,687 | 257,599 | 13,710,125 |
| **Total** | **1,767,573** | **785,320** | **2,552,893** | **726,357** | **36,891,960** |
| 1952 | | | | | |
| Basic | 1,793,800 | 259,891 | 2,053,691 | 175,474 | 9,021,077 |
| Foundry | 786 | 219,968 | 220,754 | 205,277 | 10,252,169 |
| Malleable | 11,145 | 395,995 | 407,140 | 372,212 | 18,724,910 |
| **Total** | **1,805,731** | **875,854** | **2,681,585** | **752,963** | **37,998,156** |

# PRODUCTION OF IRON AND STEEL IN CANADA, 1942–1952

(THOUSAND NET TONS)



## TABLE 5. Materials Charged to Iron Blast Furnaces, 1951 and 1952

| Material | 1951 | | 1952 | |
|---|---|---|---|---|
| | Quantity | Cost at furnace | Quantity | Cost at furnace |
| | Net tons | $ | Net tons | $ |
| Iron ore: | | | | |
| Canadian (crude) | 832,346 | 5,252,913 | 757,204 | 5,204,920 |
| Imported (crude) | 3,168,012 | 22,508,063 | 3,477,356 | 25,649,742 |
| Canadian (beneficiated) | 644,094 | 5,244,355 | 647,593 | 5,396,483 |
| Imported (beneficiated) | 569 | 4,297 | — | — |
| Mill cinder, roll scale, flue dust, etc. | 345,497 | 1,525,133 | 320,470 | 2,254,006 |
| Scrap (net charge) | 65,390 | 1,490,248 | 106,754 | 2,829,571 |
| Limestone | 954,546 | 1,657,671 | 981,489 | 1,777,843 |
| Dolomite | 171,757 | 264,442 | 212,237 | 349,249 |
| Coke | 2,377,968 | 32,309,665 | 2,493,903 | 34,981,825 |
| Other materials | — | 307,170 | — | 407,600 |
| **Total** | — | **70,563,957** | — | **78,851,239** |

## TABLE 6. Production[1] of Pig Iron, by Grades, 1943-1952

| Year | Basic | Foundry | Malleable | Total |
|---|---|---|---|---|
| | Net tons | | | |
| 1943 | 1,456,549 | 148,653 | 153,067 | 1,758,269 |
| 1944 | 1,534,140 | 143,763 | 174,725 | 1,852,628 |
| 1945 | 1,420,205 | 198,244 | 159,500 | 1,777,949 |
| 1946 | 1,108,795 | 151,223 | 146,234 | 1,406,252 |
| 1947 | 1,587,254 | 234,612 | 140,982 | 1,962,848[2] |
| 1948 | 1,741,613 | 216,246 | 167,880 | 2,125,739 |
| 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 |

1. See footnote to Table 17.
2. Includes 1,272 tons produced in British Columbia by an electric furnace process.

## TABLE 7. Production[1] of Pig Iron, by Provinces, 1943-1952

| Year | Nova Scotia | Ontario | Total |
|---|---|---|---|
| | Net tons | | |
| 1943 | 345,722 | 1,412,547 | 1,758,269 |
| 1944 | 395,802 | 1,456,826 | 1,852,628 |
| 1945 | 374,302 | 1,403,647 | 1,777,949 |
| 1946 | 317,180 | 1,089,072 | 1,406,252 |
| 1947 | 354,789 | 1,606,787 | 1,962,848[2] |
| 1948 | 438,430 | 1,687,309 | 2,125,739 |
| 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 |

1. See footnote to Table 17.
2. Includes 1,272 tons produced in British Columbia by an electric furnace process.

**TABLE 8. Production of Pig Iron, by Months, 1951 and 1952**

| Month | 1951 | | | 1952 | | |
|---|---|---|---|---|---|---|
| | For own use | For sale | Total | For own use | For sale | Total |
| | Net tons | | | | | |
| January | 143,170 | 53,855 | 197,025 | 142,312 | 66,841 | 209,153 |
| February | 149,515 | 43,712 | 193,227 | 144,208 | 54,954 | 199,162 |
| March | 146,942 | 73,661 | 220,603 | 180,256 | 60,499 | 240,755 |
| April | 156,304 | 54,808 | 211,112 | 166,918 | 47,412 | 214,330 |
| May | 161,849 | 57,140 | 218,989 | 170,600 | 66,479 | 237,079 |
| June | 148,822 | 64,362 | 213,184 | 162,164 | 67,102 | 229,266 |
| July | 151,740 | 58,523 | 210,263 | 167,741 | 61,820 | 229,561 |
| August | 147,435 | 55,751 | 203,186 | 162,018 | 59,369 | 221,387 |
| September | 151,635 | 60,850 | 212,485 | 151,116 | 71,570 | 222,686 |
| October | 152,270 | 72,241 | 224,511 | 151,132 | 69,332 | 220,464 |
| November | 157,329 | 66,138 | 223,467 | 153,332 | 72,158 | 225,490 |
| December | 159,525 | 65,316 | 224,841 | 176,825 | 55,427 | 232,252 |
| Total | 1,826,536 | 726,357 | 2,552,893 | 1,928,622 | 752,963 | 2,681,585 |

**TABLE 9. Sales of Pig Iron by Producers, 1943-1952**

| Year | Tonnage sold | Income from sales | Year | Tonnage sold | Income from sales |
|---|---|---|---|---|---|
| | | $ | | | $ |
| 1943 | 387,109 | 8,328,322 | 1948 | 454,341 | 17,165,056 |
| 1944 | 400,010 | 8,641,495 | 1949 | 391,423 | 16,400,258 |
| 1945 | 428,902 | 9,527,026 | 1950 | 636,558 | 27,484,529 |
| 1946 | 320,525 | 8,087,403 | 1951 | 726,357 | 36,891,960 |
| 1947 | 458,300 | 14,172,493 | 1952 | 752,963 | 37,998,156 |

**TABLE 10. Iron Ore, Fuel and Flux Charged to Iron Blast Furnaces, 1943-1952**

| Year | Iron ore | Mill cinder, scale, etc. | Iron and steel scrap | Coke | Limestone | Dolomite |
|---|---|---|---|---|---|---|
| | Net tons | | | | | |
| 1943 | 3,258,451 | 125,477 | 43,032 | 1,646,191 | 785,938 | 32,064 |
| 1944 | 3,493,189 | 96,243 | 27,604 | 1,687,967 | 754,192 | 57,822 |
| 1945 | 3,033,454 | 281,189 | 37,067 | 1,631,852 | 757,178 | 39,418 |
| 1946 | 2,526,073 | 161,679 | 23,070 | 1,320,620 | 622,947 | 20,955 |
| 1947 | 3,672,975 | 154,595 | 39,474 | 1,903,419 | 780,600 | 99,507 |
| 1948 | 3,910,618 | 273,846 | 44,374 | 2,075,263 | 887,297 | 115,443 |
| 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 |

**TABLE 11. Imports into Canada and Exports of Pig Iron, 1943-1952**

| Year | Imports | | Exports | |
|---|---|---|---|---|
| | Net tons | $ | Net tons | $ |
| 1943 | 7,118 | 173,598 | 438 | 11,163 |
| 1944 | 8,516 | 235,666 | 5,698 | 123,681 |
| 1945 | 7,589 | 231,062 | 21,854 | 493,159 |
| 1946 | 12,125 | 344,529 | 939 | 23,673 |
| 1947 | 8,893 | 252,054 | 1,475 | 55,610 |
| 1948 | 7,378 | 233,223 | 662 | 29,226 |
| 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 |

**TABLE 12. Stocks of Pig Iron Held at Year-End by Producers in Canada, 1943-1952**

| Year | Net tons | Year | Net tons |
|---|---|---|---|
| 1943 | 28,230 | 1948 | 31,391 |
| 1944 | 49,615 | 1949 | 71,231 |
| 1945 | 25,193 | 1950 | 85,372 |
| 1946 | 52,112 | 1951 | 81,220 |
| 1947 | 44,976 | 1952 | 58,959 |

**TABLE 13. Apparent Supply of Pig Iron in Canada, 1943-1952**

| Year | Production | Add imports | Deduct exports | Add or deduct changes in producers' stocks[1] | Apparent supply[2] |
|---|---|---|---|---|---|
| | Net tons | | | | |
| 1943 | 1,758,269 | 7,118 | 438 | + 59,725 | 1,824,674 |
| 1944 | 1,852,628 | 8,516 | 5,698 | - 21,385 | 1,834,061 |
| 1945 | 1,777,949 | 7,589 | 21,854 | + 24,422 | 1,788,106 |
| 1946 | 1,406,252 | 12,125 | 939 | - 26,919 | 1,390,519 |
| 1947 | 1,962,848 | 8,893 | 1,475 | + 7,136 | 1,977,402 |
| 1948 | 2,125,739 | 7,378 | 662 | + 13,585 | 2,146,040 |
| 1949 | 2,154,485 | 20,531 | 12,506 | - 39,840 | 2,122,670 |
| 1950 | 2,317,121 | 29,628 | 194,528 | - 14,141 | 2,138,080 |
| 1951 | 2,552,893 | 22,126 | 223,635 | + 4,152 | 2,355,536 |
| 1952 | 2,681,585 | 1,665 | 375,987 | + 22,261 | 2,329,524 |

1. In this column the + sign indicates a decline in stocks or that this tonnage was released for consumption; the - sign indicates an increase in stocks or that this amount was withheld from consumption.
2. No allowance made for changes in consumers' stocks of which there is no record.

**TABLE 14. Consumption of Pig Iron in Canada, by Industries and by Provinces, 1949-1952 (as reported by consumers)**

| | 1949 | 1950 | 1951 | 1952 |
|---|---|---|---|---|
| | Net tons | | | |
| **(a) By Industries** | | | | |
| Steel ingots and castings | 1,736,824 | 1,677,504 | 1,837,731 | 1,958,258 |
| Iron castings | 210,401 | 236,909 | 258,597 | 199,994 |
| Boilers and platework | 33,126 | 33,882 | 36,262 | 25,226 |
| Agricultural implements | 29,004 | 26,699 | 24,702 | 27,914 |
| Machinery | 22,325 | 24,313 | 33,209 | 35,139 |
| Motor vehicles | 10,439 | 6,289 | 4,925 | 7,576 |
| Motor vehicle parts | 16,130 | 24,331 | 24,322 | 25,071 |
| Railway rolling stock | 18,561 | 15,001 | 27,874 | 17,945 |
| Brass and copper products | 3,408 | 4,988 | 4,394 | 3,626 |
| Shipbuilding | 595 | 676 | 781 | 789 |
| Hardware and tools | 3,198 | 2,133 | 2,533 | 1,846 |
| Miscellaneous iron and steel | 297 | 923 | 17,512 | 12,770 |
| Heating and cooking apparatus | 23,942 | 19,851 | 17,542 | 15,195 |
| Electrical apparatus and supplies | 7,443 | 8,535 | 9,100 | 8,104 |
| Bridge and structural steel | 1 | 1,143 | 1,078 | 1,353 |
| **Total** | **2,115,693** | **2,083,177** | **2,300,562** | **2,340,806** |
| **(b) By Provinces** | | | | |
| Prince Edward Island | 20 | 30 | 22 | 30 |
| Nova Scotia | 467,515 | 476,944 | 485,580 | 400,807 |
| New Brunswick | 2,919 | 3,794 | 3,525 | 2,954 |
| Quebec | 78,279 | 90,886 | 116,000 | 86,058 |
| Ontario | 1,556,380 | 1,502,733 | 1,683,650 | 1,842,086 |
| Manitoba | 8,392 | 6,753 | 9,550 | 6,597 |
| Saskatchewan | 20 | 15 | 22 | 488 |
| Alberta | 203 | 177 | 205 | 506 |
| British Columbia | 1,965 | 1,845 | 2,008 | 1,280 |
| **Canada** | 2,115,693 | 2,083,177 | 2,300,562 | 2,340,806 |

1. Not available separately.

**TABLE 15. Blast Furnaces in Canada, 1950-1952**

| Name of company | Location of plant | Number of stacks | Total annual capacity | Number of days in blast | | |
|---|---|---|---|---|---|---|
| | | | | 1950 | 1951 | 1952 |
| Dominion Foundries & Steel Ltd. | Hamilton, Ont. | 1 | 320,000 | — | 128 | 366 |
| | **Total** | **1** | **320,000** | — | — | — |
| Dominion Iron & Steel Limited | Sydney, Nova Scotia | 1 | 225,000 | 365 | 365 | 366 |
| | | 1 | 235,000 | 365 | 365 | 359 |
| | | 1 | 135,000 | 365 | 349 | 281 |
| | **Total** | **3** | **595,000** | — | — | — |
| Canadian Furnace Company, Limited | Port Colborne, Ont. | 1 | 168,000 | 322 | 353 | 347 |
| | | 1 | 55,000 | 72 | 289 | 343 |
| | **Total** | **2** | **223,000** | — | — | — |
| The Steel Company of Canada, Limited | Hamilton, Ont. | 1 | 123,000 | 364 | 364 | 356 |
| | | 1 | 271,000 | 365 | 365 | 365 |
| | | 1 | 377,000 | 365 | 365 | 320 |
| | | 1 | 479,000 | — | — | 21 |
| | **Total** | **4** | **1,250,000** | — | — | — |
| Algoma Steel Corporation, Limited | Sault Ste. Marie, Ont. | 1 | 114,000 | 222 | 357 | 364 |
| | | 1 | 109,000 | 301 | 356 | 324 |
| | | 1 | 218,000 | 365 | 364 | 366 |
| | | 1 | 177,000 | 334 | 331 | 362 |
| | | 1 | 440,000 | 362 | 362 | 362 |
| | **Total** | **5** | **1,058,000** | — | — | — |
| **Total for Canada** | | **15** | **3,446,000** | — | — | — |

**TABLE 16. World Production of Pig Iron and Ferro-Alloys, by Countries (Figures taken from the "Annual Statistical Report" published by the American Iron and Steel Institute, New York, U.S.A.)**

| Country | 1950 | 1951 | 1952 |
|---|---|---|---|
| | 000's of net tons | | |
| United States | 66,400 | 72,449 | 63,339 |
| Canada | 2,458 | 2,754 | 2,880 |
| Mexico | 255 | 224 | 264 |
| Brazil | 804 | 837 | 853 |
| Chile | 121 | 271 | 298 |
| Austria | 973 | 1,157 | 1,293 |
| Belgium | 4,073 | 5,349 | 5,277 |
| Luxemburg | 2,755 | 3,481 | 3,392 |
| France | 8,565 | 9,639 | 10,772 |
| Saar | 1,864 | 2,610 | 2,811 |
| Italy | 632 | 1,156 | 1,327 |
| Netherlands | 501 | 577 | 594 |
| Norway | 249 | 268 | 293 |
| Sweden | 923 | 938 | 1,160 |
| Finland | 70 | 112 | 119 |
| United Kingdom | 10,789 | 10,829 | 12,014 |
| Spain | 739 | 737 | 862 |
| Hungary | 551 | 661 | 716 |
| Germany - Western | 10,442 | 11,791 | 14,291 |
| Eastern | 312 | 352 | 375 |
| Russia | 21,500 | 23,000 | 27,000 |
| Czechoslovakia | 2,262 | 2,375 | 2,480 |
| Poland | 1,640 | 1,738 | 1,818 |
| Romania | 369 | 386 | 397 |
| Yugoslavia | 250 | 289 | 306 |
| Union of South Africa | 808 | 887 | 1,241 |
| Australia | 1,217 | 1,495 | 1,720 |
| Turkey | 122 | 171 | 212 |
| India | 1,880 | 2,043 | 2,062 |
| Japan | 2,534 | 3,557 | 3,953 |
| Other countries | 325 | 100 | 136 |
| **Total** | **146,382** | **162,234** | **164,254** |

## (b) FERRO-ALLOYS

**TABLE 17. Production of Ferro-Alloys[1], 1943-1952**

| Year | Net tons | Year | Net tons |
|---|---|---|---|
| 1943 | 197,094 | 1948 | 232,734 |
| 1944 | 171,323 | 1949 | 202,092 |
| 1945 | 171,642 | 1950 | 180,499 |
| 1946 | 139,392 | 1951 | 266,252 |
| 1947 | 227,123 | 1952 | 232,117 |

1. Figures in above table up to 1949 include production of silvery pig iron; for 1950-1952, however, tonnages of the latter are included with pig iron.

**TABLE 18. Producers of Ferro-Alloys, 1952**

| Name of company | Plant location | Kind of ferro-alloy made |
|---|---|---|
| Simonds Canada Abrasive Co., Limited | Arvida, Quebec | Ferrosilicon (by-product) |
| 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, chrom-sil-x |
| Electro Metallurgical Company of Canada | Welland, Ontario | Ferrosilicon, ferrochrome, ferromanganese, silico-manganese, spiegeleisen, silico-spiegeleisen |
| Electric Reduction Company of Canada, Limited | Buckingham, Quebec | Ferrophosphorus |
| Exolon Company | Thorold, Ontario | Ferrosilicon (by-product) |
| Lionite Abrasives Limited | Stamford, Ontario | Ferrosilicon (by-product) |
| Norton Company | Chippawa, Ontario | Ferrosilicon (by-product) |
| St. Lawrence Alloys and Metals, Limited | Beauharnois, Quebec | Ferrosilicon, ferrozirconium |

## (c) STEEL INGOTS AND DIRECT STEEL CASTINGS

**TABLE 19. Production of Steel Ingots and Steel Castings, and Sales by the Producers, 1951 and 1952**

| | 1951 | | | 1952 | | |
|---|---|---|---|---|---|---|
| | 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 | $ | Net tons | Net tons | $ |
| Steel Ingots: | | | | | | |
| Basic open-hearth | 2,917,005 | 125,981 | 7,558,078 | 3,017,692 | 121,994 | 8,136,896 |
| Electric | 530,127 | 53,079 | 3,692,520 | 560,066 | 21,259 | 2,021,376 |
| **Total steel ingots** | **3,447,132** | **179,060** | **11,250,598** | **3,577,758** | **143,253** | **10,158,272** |
| Steel castings: | | | | | | |
| Basic open-hearth | 30,758 | 29,064 | 8,816,072 | 34,680 | 33,914 | 10,964,147 |
| Converter | 282 | 282 | 114,871 | 379 | 400 | 157,278 |
| Electric | 90,548 | 86,873 | 32,045,911 | 90,294 | 88,156 | 35,898,594 |
| **Total steel castings** | **121,588** | **116,219** | **40,976,854** | **125,353** | **122,470** | **47,020,019** |
| **Total steel ingots and castings** | **3,568,720** | **295,279** | **52,227,452** | **3,703,111** | **265,723** | **57,178,291** |
| Any other products | — | — | 774,563 | — | — | 1,138,919 |
| **Total all products** | — | — | **53,002,015** | — | — | **58,317,210** |
| Alloy steel included in above: | | | | | | |
| Ingots | 211,137 | 622 | 93,581 | 217,577 | 472 | 52,739 |
| Castings | 19,985 | 19,077 | 9,138,537 | 25,298 | 23,852 | 14,054,705 |
| **Total** | **231,122** | **19,699** | **9,232,118** | **242,875** | **24,324** | **14,107,444** |

**TABLE 20. Materials Used in Steel Furnaces, 1951 and 1952**

| Material | 1951 | | 1952 | |
|---|---|---|---|---|
| | Quantity | Cost of purchased materials | Quantity | Cost of purchased materials |
| | Net tons | $ | Net tons | $ |
| Pig iron: | | | | |
| Own make | 1,822,088 | — | 1,943,589 | — |
| Purchased | 15,643 | 862,811 | 14,669 | 815,922 |
| Scrap iron or steel: | | | | |
| Own make | 985,647 | — | 1,027,181 | — |
| Purchased | 1,121,067 | 35,974,173 | 1,095,089 | 38,075,596 |
| Spiegeleisen | 667 | 55,936 | 46 | 3,523 |
| Silicospiegeleisen | 391 | 40,996 | 130 | 14,742 |
| Ferromanganese: | | | | |
| High carbon | 25,444 | 4,352,529 | 27,780 | 5,394,706 |
| Medium carbon | 354 | 122,089 | 369 | 140,261 |
| Low carbon | 1,078 | 312,304 | 699 | 286,564 |
| Silicomanganese | 6,427 | 1,247,409 | 7,462 | 1,643,885 |
| Sil-x | 145 | 28,185 | 182 | 42,025 |
| Ferrosilicon: | | | | |
| 15% | 101 | 7,597 | 370 | 27,376 |
| 25% | — | — | — | — |
| 50% | 7,901 | 895,601 | 8,318 | 1,002,756 |
| 75% | 24 | 5,690 | 6 | 1,510 |
| 85-90% | 296 | 64,533 | 280 | 67,587 |
| Ferrochrome (including chrom-x): | | | | |
| High carbon | 3,168 | 786,933 | 3,334 | 803,568 |
| Low carbon | 1,932 | 855,340 | 3,028 | 1,406,703 |
| Ferromolybdenum | 103 | 190,077 | 155 | 268,536 |
| Ferrophosphorus | 195 | 17,366 | 220 | 19,910 |
| Ferroselenium | 7 | 37,061 | 6 | 36,636 |
| Ferrotitanium | 164 | 50,641 | 229 | 97,827 |
| Ferrotungsten | 364 | 2,726,887 | 212 | 1,609,590 |
| Ferrovanadium | 121 | 302,006 | 96 | 341,275 |
| Ferrozirconium | 23 | 4,473 | 21 | 4,299 |
| Calcium silicon | 172 | 69,308 | 177 | 73,090 |
| Calcium manganese silicon | 355 | 149,839 | 329 | 145,562 |
| Other ferro-alloys | 608 | 176,759 | 56 | 28,573 |
| Aluminum ingot and shot | 1,155 | 633,684 | 1,228 | 603,556 |
| Copper ingots, cakes, shot, etc. | 402 | 219,488 | 360 | 206,421 |
| Nickel | 1,621 | 1,778,803 | 1,957 | 2,134,632 |
| Other metals | — | 51,383 | — | 88,100 |
| Ore, iron | 304,403 | 4,130,366 | 277,804 | 4,108,139 |
| Ore, manganese | 74 | 4,892 | 63 | 4,001 |
| Ore, chrome | 940 | 48,308 | 1,012 | 62,587 |
| Ore, tungsten | 56 | 292,277 | 151 | 710,560 |
| Bentonite | 4,349 | 141,242 | 4,959 | 161,697 |
| Coal: | | | | |
| Anthracite | 27 | 395 | — | — |
| Bituminous | 20 | 283 | 25 | 317 |
| Coke | 4,782 | 75,737 | 4,093 | 85,690 |
| Charcoal | 175 | 6,574 | 98 | 7,523 |
| Dolomite: | | | | |
| Crude | 118,295 | 428,242 | 112,181 | 387,963 |
| Calcined | 32,852 | 755,989 | 37,129 | 870,888 |
| Fluorspar | 23,374 | 835,100 | 22,576 | 860,308 |
| Ganister | 7,613 | 28,488 | 7,362 | 32,326 |
| Graphite | 736 | 82,830 | 1,024 | 108,865 |
| Lime | 93,426 | 1,015,836 | 74,986 | 882,964 |
| Limestone | 257,635 | 521,330 | 276,202 | 654,974 |
| Magnesite | 15,870 | 811,586 | 17,918 | 1,018,921 |
| Electrodes | — | 1,877,868 | — | 1,807,218 |
| Silica sand: | | | | |
| For moulds | 92,687 | 783,301 | 135,008 | 908,033 |
| For sand-blasting | 313 | 17,215 | 431 | 17,254 |
| Other foundry sands | 14,984 | 91,204 | 14,429 | 46,190 |
| Sulphur | 75 | 6,642 | 95 | 8,383 |
| Firebrick, fireclay and other refractories | — | 4,561,425 | — | 4,662,133 |
| Calcium molybdate | 21 | 21,302 | 8 | 8,256 |
| Molybdenum trioxide (molybdic oxide) briquettes | 430 | 536,422 | 461 | 574,392 |
| All other materials | — | 3,522,872 | — | 2,819,428 |
| **Total value of metals, ores and other materials used** | — | **72,617,627** | — | **76,193,741** |

**TABLE 21. Production of Steel Ingots and Steel Castings, by Grades, 1943-1952**

| Year | Steel ingots | | Steel castings | | | Total steel ingots and castings |
|---|---|---|---|---|---|---|
| | Open-hearth | Electric | Open-hearth | Converter | Electric | |
| | Net tons | | | | | |
| 1943 | 2,484,544 | 362,192 | 28,895 | 4,003 | 124,490 | 3,004,124 |
| 1944 | 2,517,894 | 355,974 | 35,032 | 2,470 | 104,792 | 3,016,162 |
| 1945 | 2,399,858 | 357,291 | 31,216 | 942 | 88,620 | 2,877,927 |
| 1946 | 1,897,960 | 353,781 | 24,566 | 600 | 50,378 | 2,327,285 |
| 1947 | 2,438,569 | 416,210 | 24,100 | 741 | 66,332 | 2,945,952 |
| 1948 | 2,620,946 | 466,117 | 34,041 | 395 | 78,981 | 3,200,480 |
| 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 |

**TABLE 22. Production of Steel Ingots and Steel Castings, by Months, 1948-1952**

| Month | 1948 | 1949 | 1950 | 1951 | 1952 |
|---|---|---|---|---|---|
| | Net tons | | | | |
| January | 256,726 | 284,707 | 289,949 | 309,653 | 315,034 |
| February | 239,646 | 259,271 | 258,123 | 281,380 | 303,365 |
| March | 286,026 | 298,461 | 294,303 | 314,826 | 336,896 |
| April | 264,266 | 269,968 | 279,320 | 312,005 | 314,141 |
| May | 289,567 | 293,179 | 290,906 | 313,312 | 328,024 |
| June | 259,365 | 270,455 | 276,423 | 293,515 | 305,455 |
| July | 244,872 | 238,830 | 264,190 | 274,602 | 293,072 |
| August | 263,054 | 248,749 | 281,312 | 286,804 | 286,998 |
| September | 257,865 | 240,748 | 274,947 | 268,230 | 284,996 |
| October | 281,866 | 258,891 | 293,928 | 309,414 | 306,104 |
| November | 277,978 | 259,722 | 289,488 | 307,075 | 306,274 |
| December | 279,249 | 267,396 | 290,686 | 297,904 | 322,752 |
| **Total** | **3,200,480** | **3,190,377** | **3,383,575** | **3,568,720** | **3,703,111** |

**TABLE 23. Annual Production of Steel Ingots and Steel Castings, by Provinces, 1943-1952**

| Year | Nova Scotia | Quebec | Ontario | Manitoba | Alberta | British Columbia | Canada |
|---|---|---|---|---|---|---|---|
| | Net tons | | | | | | |
| 1943 | 576,578 | 157,662 | 2,182,802 | 55,555 | 22,217 | 9,310 | 3,004,124 |
| 1944 | 578,346 | 117,638 | 2,253,685 | 42,149 | 18,085 | 6,259 | 3,016,162 |
| 1945 | 590,365 | 108,779 | 2,116,066 | 44,284 | 13,156 | 5,277 | 2,877,927 |
| 1946 | 425,863 | 63,763 | 1,781,701 | 52,064 | 430 | 3,464 | 2,327,285 |
| 1947 | 563,377 | 67,540 | 2,253,854 | 55,367 | 615 | 5,199 | 2,945,952 |
| 1948 | 626,604 | 73,681 | 2,436,050 | 59,084 | 397 | 4,664 | 3,200,480 |
| 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 |

**TABLE 24. Sales of Steel Ingots and Steel Castings by Producers, 1943-1952**

| Year | Tonnage sold | Income from sales | Year | Tonnage sold | Income from sales |
|---|---|---|---|---|---|
| | Net tons | $ | | Net tons | $ |
| 1943 | 151,924 | 30,057,984 | 1948 | 176,314 | 34,268,313 |
| 1944 | 171,072 | 34,848,365 | 1949 | 234,218 | 36,372,735 |
| 1945 | 148,247 | 28,121,723 | 1950 | 313,780 | 38,652,613 |
| 1946 | 117,863 | 20,969,581 | 1951 | 295,279 | 52,227,452 |
| 1947 | 152,113 | 25,260,293 | 1952 | 265,723 | 57,178,291 |

**TABLE 25. Production of Alloy Steel Ingots and Castings, 1943-1952**

| Year | Ingots | Castings | Total |
|---|---|---|---|
| | Net tons | | |
| 1943 | 393,491 | 19,992 | 413,483 |
| 1944 | 328,640 | 19,263 | 347,903 |
| 1945 | 305,542 | 14,022 | 319,564 |
| 1946 | 100,016 | 10,697 | 110,713 |
| 1947 | 134,339 | 13,558 | 147,897 |
| 1948 | 155,863 | 15,737 | 171,600 |
| 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 |

**TABLE 26. Metal, Ore and Flux Charged to Steel Furnaces, 1943-1952**

| Year | Pig iron | Ferro-manganese alloys[1] | Other ferro-alloys | Scrap iron and steel | Iron ore | Limestone | Dolomite | Fluorspar |
|---|---|---|---|---|---|---|---|---|
| | Net tons | | | | | | | |
| 1943 | 1,518,548 | 29,121 | 10,142 | 1,751,779 | 171,040 | 242,032 | 89,056 | 20,790 |
| 1944 | 1,513,586 | 31,304 | 7,519 | 1,642,250 | 154,415 | 237,167 | 85,601 | 20,024 |
| 1945 | 1,416,344 | 31,143 | 15,101 | 1,741,895 | 106,614 | 217,499 | 77,206 | 19,462 |
| 1946 | 1,085,005 | 22,403 | 10,598 | 1,517,014 | 132,613 | 181,440 | 70,050 | 13,805 |
| 1947 | 1,542,040 | 27,082 | 11,737 | 1,671,676 | 155,621 | 231,990 | 95,683 | 18,768 |
| 1948 | 1,696,128 | 30,181 | 11,150 | 1,833,539 | 170,790 | 244,096 | 118,807 | 20,651 |
| 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 |

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

## TABLE 27. Steel Furnaces in Canada, December 31, 1952

| | Type | Number of units | Size | Total annual capacity |
|---|---|---|---|---|
| | | | Net tons | Net tons |
| Nova Scotia: | | | | |
| Dominion Iron & Steel Limited, Sydney | O.H. | 5 | 56 | 240,000 |
| | O.H. | 2 | 175 | 190,000 |
| | O.H. | 3 | 125 | 255,000 |
| | Elec. | 1 | 11 | 28,000 |
| **Total** | — | **11** | — | **713,000** |
| Maritime Steel Foundries Ltd., New Glasgow | Elec. | 1 | 4 | 3,000 |
| Quebec: | | | | |
| Canadian Unitcast-Steel Ltd., Montreal | Elec. | 1 | 3 | 12,000 |
| Canadian Car and Foundry Co. Ltd., Montreal | O.H. | 3 | 25 | 51,600 |
| | Elec. | 1 | 4 | 7,800 |
| | Elec. | 1 | 2½ | 4,900 |
| | Elec. | 1 | ½ | 1,000 |
| **Total** | — | **6** | — | **65,300** |
| Canadian Tube and Steel Products Ltd., Montreal | Elec. | 2 | 25 | 120,000 |
| Dominion Brake Shoe Company, Ltd., Joliette | Elec. | 1 | 1½ | 4,000 |
| | Elec. | 1 | 2 | 8,000 |
| **Total** | — | **2** | — | **12,000** |
| Dominion Engineering Works, Ltd., Lachine | Elec. | 1 | 5 | 5,000 |
| La Compagnie F.X. Drolet Ltd., Quebec | Conv. | 1 | 1 | 300 |
| Lynn MacLeod Metallurgy Ltd., Thetford Mines | Elec. | 1 | 1 | 2,000 |
| 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 | 20 | 31,600 |
| | Elec. | 1 | 8 | 17,300 |
| | Elec. | 1 | 4 | 11,500 |
| **Total** | — | **3** | — | **60,400** |
| Sorel Steel Foundries Ltd., Sorel | Elec. | 1 | 4 | 5,000 |
| Ontario: | | | | |
| Algoma Steel Corp. Ltd., Sault Ste. Marie | O.H. | 8 | 84 | 432,000 |
| | O.H. | 4 | 131 | 388,000 |
| **Total** | — | **12** | — | **920,000** |
| Atlas Steels Limited, Welland | Elec. | 1 | 6 | 7,200 |
| | Elec. | 1 | 10 | 12,000 |
| | Elec. | 2 | 25 | 64,000 |
| | Elec. | 2 | 45 | 86,400 |
| **Total** | — | **6** | — | **169,600** |
| Burlington Steel Co. Ltd., Hamilton | Elec. | 1 | 7 | 26,000 |
| Canada Electric Castings Ltd., Orillia | Elec. | 2 | 2 | 6,000 |
| Dominion Foundries and Steel Ltd., Hamilton | O.H. | 2 | 62 | 124,600 |
| | O.H. | 2 | 64 | 128,600 |
| | Elec. | 2 | 10 | 26,400 |
| | Elec. | 2 | 50 | 140,000 |
| | Elec. | 1 | 2½ | 9,000 |
| **Total** | — | **9** | — | **428,600** |
| Fahralloy Canada Ltd., Orillia | Elec. | 1 | ½ | 1,500 |
| | Elec. | 1 | 1½ | 2,300 |
| | Elec. | 1 | 2 | 3,100 |
| **Total** | — | **3** | — | **6,900** |

## TABLE 27. Steel Furnaces in Canada, December 31, 1952 – Concluded

| | Type | Number of units | Size | Total annual capacity |
|---|---|---|---|---|
| | | | Net tons | Net tons |
| Ontario – concluded: | | | | |
| Ford Motor Co. of Canada Ltd., Windsor | Elec. | 1 | 5 | 10,500 |
| | Elec. | 15 | 4 | 88,100 |
| | Elec. | 1 | ½ | 750 |
| | Elec. | 1 | ¼ | 625 |
| **Total** | – | **18** | – | **99,975** |
| William Kennedy and Sons Ltd., Owen Sound | Elec. | 1 | 1¼ | 2,400 |
| | Elec. | 1 | 4 | 9,000 |
| **Total** | – | **2** | – | **11,400** |
| Steel Company of Canada, Hamilton | O.H. | 4 | 56 | 199,200 |
| | O.H. | 4 | 113 | 370,300 |
| | O.H. | 5 | 182 | 664,600 |
| | O.H. | 4 | 275 | 625,000 |
| | Elec. | 1 | 91 | 110,000 |
| **Total** | – | **18** | – | **1,969,100** |
| Welland Electric Steel Foundry Ltd., Welland | Elec. | 1 | 1½ | 5,400 |
| | Elec. | 1 | ½ | |
| | Elec. | 1 | ¼ | |
| **Total** | – | **3** | – | **5,400** |
| Manitoba: | | | | |
| Manitoba Rolling Mill Co. Ltd., Selkirk | O.H. | 2 | 20 | 40,000 |
| | Elec. | 1 | 6 | 20,000 |
| **Total** | – | **3** | – | **60,000** |
| Manitoba Steel Foundries Ltd., Selkirk | Elec. | 1 | 5 | 4,000 |
| Vulcan Iron Works Ltd., Winnipeg | Elec. | 1 | 3 | 2,700 |
| Alberta: | | | | |
| Riverside Iron & Engineering Works Ltd., Calgary | Elec. | 1 | 1½ | 1,300 |
| Foothills Steel Foundry and Iron Works, Calgary | Elec. | 1 | ½ | 1,200 |
| British Columbia: | | | | |
| A-1 Steel and Iron Foundry, Vancouver | Elec. | 1 | ¼ | 1,900 |
| Britannia Mining and Smelting Co. Ltd., Britannia Beach | Elec. | 1 | 5 | 4,200 |
| Consolidated Mining and 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 | 1 | 2,000 |
| | Elec. | 1 | 1½ | 3,000 |
| **Total** | – | **2** | – | **5,000** |
| Vancouver Engineering Works Ltd., Vancouver | Elec. | 1 | 2 | 3,500 |
| | Elec. | 1 | 1 | 2,000 |
| | Conv. | 1 | 2 | 4,500 |
| **Total** | – | **3** | – | **10,000** |
| Vancouver Steel Co. Ltd., Vancouver | Elec. | 1 | 12½ | 35 000 |
| Victoria Machinery Depot Co. Ltd., Victoria | Elec. | 1 | 1¼ | 625 |
| Canadian Sumner Iron Works Ltd., Vancouver | Elec. | 1 | 1 | 600 |

**TABLE 28. Summary of Steel Furnace Capacity, December 31, 1952**

| | Number of furnaces | Total annual capacity |
|---|---|---|
| | | Net tons |
| Basic open-hearth | 48 | 3,808,900 |
| Electric | 77 | 970,400 |
| Converter | 2 | 4,800 |
| **Total** | **127** | **4,784,100** |
| Steel ingots: | | |
| Basic open-hearth | — | 3,757,300 |
| Electric | — | 714,400 |
| **Total** | **—** | **4,471,700** |
| Steel castings | — | 312,400 |
| **Total ingots and castings** | **—** | **4,784,100** |

TABLE 29. Summary of Steel Furnace Capacity, by Provinces, December, 31,1952

| Province | Total annual capacity |
|---|---|
| | Net tons |
| Nova Scotia | 716,000 |
| Quebec | 290,100 |
| Ontario | 3,642,975 |
| Manitoba | 66,700 |
| Alberta | 2,500 |
| British Columbia | 65,825 |
| **Canada** | **4,784,100** |

**TABLE 30. World Ingot and Castings Production, by Countries (Figures taken from the "Annual Statistical Report" published by the American Iron and Steel Institute, New York, U.S.A.)**

| Country | 1950 | 1951 | 1952 |
|---|---|---|---|
| | | 000's of net tons | |
| United States | 96,836 | 105,200 | 93,168 |
| Canada | 3,343 | 3,508 | 3,659 |
| Mexico | 241 | 474 | 437 |
| Argentina | 220 | 276 | 280 |
| Brazil | 869 | 915 | 962 |
| Austria | 1,040 | 1,133 | 1,166 |
| Belgium | 4,177 | 5,515 | 5,504 |
| Luxemburg | 2,702 | 3,393 | 3,307 |
| France | 9,536 | 10,838 | 11,980 |
| Saar | 2,092 | 2,869 | 3,112 |
| Italy | 2,562 | 3,351 | 3,890 |
| Netherlands | 540 | 610 | 755 |
| Sweden | 1,606 | 1,657 | 1,803 |
| United Kingdom | 18,248 | 17,515 | 18,390 |
| Spain | 902 | 895 | 1,000 |
| Yugoslavia | 472 | 478 | 489 |
| Germany-Western | 13,361 | 14,885 | 17,422 |
| Eastern | 1,097 | 1,711 | 2,206 |
| Russia | 30,400 | 34,500 | 38,600 |
| Czechoslovakia | 3,197 | 3,651 | 3,853 |
| Hungary | 1,127 | 1,360 | 1,534 |
| Poland | 2,767 | 3,078 | 3,584 |
| Romania | 615 | 705 | 762 |
| Union of South Africa | 898 | 1,108 | 1,388 |
| Australia | 1,336 | 1,606 | 1,841 |
| Turkey | 100 | 149 | 169 |
| India | 1,610 | 1,662 | 1,768 |
| Japan | 5,343 | 7,168 | 7,706 |
| Other countries | 670 | 959 | 1,052 |
| **Total** | **207,906** | **231,168** | **231,787** |

## (d) ROLLED AND DRAWN STEEL

**TABLE 31. Products Made in Iron and Steel Rolling and Drawing Mills, 1951 and 1952**

| Product | Total tonnage made | Factory sales | |
|---|---|---|---|
| | | Tonnage sold in Canada or for export | Income from tonnage sold |
| | Net tons | Net tons | $ |
| 1951 | | | |
| A. HOT-ROLLED PRODUCTS | | | |
| Semi-finished rolled forms of iron and steel: | | | |
| Blooms, billets, slabs and sheet bars, except those for forging, and export items listed immediately below | 2,496,911 | 304,993 | 20,684,725 |
| Blooms, billets, slabs and sheet bars, for export | 1,625 | 3,895 | 382,203 |
| Blooms, billets and axle blanks, for forging purposes only, excluding all those intended for further rolling, but including blanks or pierced billets for seamless tubes | 147,004 | 138,446 | 12,446,727 |
| **Total semi-finished rolled forms** | **2,645,540** | **447,334** | **33,513,655** |
| Rails | 257,244 | 254,911 | 19,910,580 |
| Wire rods, No. 5 gauge to 47/64 inch in diameter ( excluding straight lengths over 5/16 inch in diameter) | 318,266 | 122,514 | 9,695,144 |
| Structural steel shapes: | | | |
| Heavy, including beams, angles, channels, tees, zees, etc., having one leg or web of 3" and over, and at thickness of 1/8" and over | 156,678 | 153,754 | 14,695,626 |
| Light, including light shapes, angles, channels, etc., having a section smaller than that provided under previous item | 71,414 | 69,527 | 6,917,044 |
| **Total structural steel shapes**[2] | **228,092** | **223,281** | **21,612,670** |
| 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 | 517,115 | 437,618 | 58,261,535 |
| Bars for concrete reinforcing, including twisted and other deformed bars | 154,024 | 149,542 | 14,844,437 |
| Long angle splice bars, tie plate bars and all other long rail joint bars | 91,866 | — | — |
| **Total hot-rolled bars**[2] | **763,005** | **587,160** | **73,105,972** |
| Plates, all kinds, including boiler and other sheared plates | 184,707 | 183,994 | 17,977,171 |
| Hot-rolled sheets and strip, skelp, sheet piling and all other hot-rolled forms | 959,594 | 294,589 | 31,699,513 |
| B. COLD-ROLLED AND COATED PRODUCTS | | | |
| Bars, cold-rolled and cold-drawn | 47,359 | 47,578 | 12,402,690 |
| Other cold-rolled and coated products, including cold-reduced sheets, black plate for tinning and other black plate, cold-rolled strip, galvanized sheets and strip[1] and tin plate | 883,297 | 552,317 | 87,557,891 |
| C. OTHER PRODUCTS | | | |
| Rail fastenings — Splice bars or fish plates | 18,655 | 18,577 | 2,008,149 |
| Tie plates | 67,588 | 66,783 | 6,464,668 |
| Other products made in rolling mills, including horseshoes, grinding balls, washers, forged axles, railway spikes, pressed spikes, etc. | — | — | 7,667,625 |
| **Total value of production** | — | — | **323,615,728** |

1. Includes the tonnages made in rolling mills only.
2. Not comparable with previous years as prior to 1951 light structurals were classified under hot-rolled bars.

**TABLE 31. Products Made in Iron and Steel Rolling and Drawing Mills, 1951 and 1952 – Concluded**

| Product | Total tonnage made | Factory sales | |
|---|---|---|---|
| | | Tonnage sold in Canada or for export | Income from tonnage sold |
| | Net tons | Net tons | $ |
| 1952 | | | |
| A. HOT-ROLLED PRODUCTS | | | |
| Semi-finished rolled forms of iron and steel: | | | |
| Blooms, billets, slabs and sheet bars, except those for forging, and export items listed immediately below | 2,564,945 | 254,591 | 19,051,843 |
| Blooms, billets, slabs and sheet bars, for export | 22,997 | 22,997 | 3,333,854 |
| Blooms, billets and axle blanks, for forging purposes only, excluding all those intended for further rolling, but including blanks or pierced billets for seamless tubes | 141,490 | 122,165 | 12,560,467 |
| **Total semi-finished rolled forms** | **2,729,432** | **399,753** | **34,946,164** |
| Rails | 253,675 | 251,894 | 21,223,964 |
| Wire rods, No. 5 gauge to 47/64 inch in diameter (excluding straight lengths over 5/16 inch in diameter) | 315,789 | 128,900 | 11,554,693 |
| Structural steel shapes: | | | |
| Heavy, including beams, angles, channels, tees, zees, etc., having one leg or web of 3" and over, and at thickness of 1/8" and over | 136,001 | 141,233 | 14,441,746 |
| Light, including light shapes, angles, channels, etc., having a section smaller than that provided under previous item | 84,615 | 71,686 | 7,698,760 |
| **Total structural steel shapes**[2] | **220,616** | **212,919** | **22,140,506** |
| 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 | 548,985 | 461,041 | 66,562,146 |
| Bars for concrete reinforcing, including twisted and other deformed bars | 140,663 | 139,261 | 14,562,479 |
| Long angle splice bars, tie plate bars and all other long rail joint bars | 97,324 | – | – |
| **Total hot-rolled bars**[2] | **786,972** | **600,302** | **81,124,625** |
| Plates, all kinds, including boiler and other sheared plates | 234,115 | 234,799 | 26,071,334 |
| Hot-rolled sheets and strip, skelp, sheet piling and all other hot-rolled forms | 1,004,869 | 306,881 | 38,607,416 |
| B. COLD-ROLLED AND COATED PRODUCTS | | | |
| Bars, cold-rolled and cold-drawn | 50,545 | 50,652 | 13,049,782 |
| Other cold-rolled and coated products, including cold-reduced sheets, black plate for tinning and other black plate, cold-rolled strip, galvanized sheets and strip[1] and tin plate | 852,686 | 523,271 | 86,715,227 |
| C. OTHER PRODUCTS | | | |
| Rail fastenings – Splice bars or fish plates | 16,344 | 15,803 | 1,891,455 |
| Tie plates | 74,519 | 73,605 | 7,822,057 |
| Other products made in rolling mills, including horseshoes, grinding balls, washers, forged axles, railway spikes, pressed spikes, etc. | – | – | 8,305,858 |
| **Total value of production** | – | – | **353,453,081** |

1. Includes the tonnages made in rolling mills only.
2. Not comparable with previous years as prior to 1951 light structurals were classified under hot-rolled bars.

**TABLE 32. Materials Used for All Purposes in Iron and Steel Rolling and Drawing Mills, 1951 and 1952**

| Material | Companies' own make | Purchased | |
|---|---|---|---|
| | | Quantity | Cost at works |
| | Net tons | Net tons | $ |
| 1951 | | | |
| Steel ingots | 3,267,845 | 273,171 | 17,567,750 |
| Steel blooms | 11,930 | – | – |
| Steel slabs | – | 189,315 | 13,157,242 |
| Steel billets | 109,784 | 99,530 | 5,275,791 |
| Steel bars | – | 39,249 | 4,646,997 |
| Rails, old | – | 58,705 | 2,402,462 |
| Axles, old | – | 1,151 | 41,488 |
| Scrap iron and steel, other | 5,230 | – | – |
| Tin | – | 2,840 | 8,269,889 |
| Zinc spelter | – | 6,464 | 2,342,940 |
| Ammonium chloride | – | 472 | 87,014 |
| Sulphuric acid, 100% | – | 19,425 | 376,281 |
| Silica sand | – | 509 | 4,322 |
| All other materials and supplies | – | – | 3,803,491 |
| **Total** | – | – | **57,975,667** |
| 1952 | | | |
| Steel ingots | 3,404,553 | 271,246 | 20,036,026 |
| Steel blooms | 103 | – | – |
| Steel slabs | – | 151,695 | 12,272,818 |
| Steel billets | 135,144 | 105,085 | 7,942,197 |
| Steel bars | – | 40,698 | 5,000,568 |
| Rails, old | – | 57,543 | 2,508,419 |
| Axles, old | – | 769 | 35,484 |
| Scrap iron and steel, other | 3,820 | – | – |
| Tin | – | 2,703 | 6,587,816 |
| Zinc spelter | – | 6,092 | 1,973,304 |
| Palm oil | – | 937 | 377,012 |
| Ammonium chloride | – | 459 | 87,688 |
| Sulphuric acid, 100% | – | 17,811 | 393,581 |
| Hydrochloric acid, 20° Be. | – | 528 | 24,579 |
| Silica sand | – | 424 | 3,690 |
| All other materials and supplies | – | – | 3,192,050 |
| **Total** | – | – | **60,435,232** |

**TABLE 33. Net Production[1] in Canada of Hot-Rolled Iron and Steel Products, 1948-1952**

| | 1948 | 1949 | 1950 | 1951 | 1952 |
|---|---|---|---|---|---|
| | Net tons | | | | |
| Blooms, billets and slabs | 131,289 | 133,233 | 246,473 | 148,629 | 164,487 |
| Rails | 337,244 | 329,749 | 286,672 | 257,244 | 253,675 |
| Rail fastenings | 72,674 | 62,974 | 67,958 | 91,866 | 97,324 |
| Wire rods | 286,990 | 290,863 | 293,866 | 318,266 | 315,789 |
| Structural shapes | 175,031 | 168,099 | 124,280 | 228,092 | 220,616 |
| Bars | 572,075 | 594,703 | 608,912 | 671,139 | 689,648 |
| Plates, sheets, hoops, bands and strips | 694,145 | 793,623 | 905,911 | 1,058,751 | 1,075,263 |
| Other hot-rolled forms | 83,758 | 146,249 | 107,988 | 85,550 | 163,721 |
| **Total** | **2,353,206** | **2,519,493** | **2,642,060** | **2,859,537** | **2,980,523** |

1. Inter-mill shipments have been excluded.

**TABLE 34. Alloy Steel Products Made and Sold by Rolling Mills, 1951 and 1952**

| | 1951 | | 1952 | |
|---|---|---|---|---|
| | Tonnage made | Tonnage sold | Tonnage made | Tonnage sold |
| | Net tons | | | |
| Bars | 107,901 | 97,941 | 107,888 | 103,330 |
| Other products, including plates, billets, forgings, sheet piling and wire rods, etc. | 143,081 | 33,986 | 141,952 | 35,368 |
| **Total alloy steel** | **250,982** | **131,927** | **249,840** | **138,698** |

**TABLE 35. Products Rolled from Old Rails, Axles, Etc., 1951 and 1952**

| | 1951 | | 1952 | |
|---|---|---|---|---|
| | Tonnage made | Tonnage sold | Tonnage made | Tonnage sold |
| | Net tons | | | |
| Rails | 2,791 | 2,791 | — | — |
| Bars | 18,800 | 18,701 | 45,466 | 45,248 |
| Other products | 30,776 | 30,038 | 7,592 | 7,400 |
| **Total** | **52,367** | **51,530** | **53,058** | **52,648** |

**TABLE 36. Pig Iron, Steel Ingots and Castings, and Semi-Finished Rolled Forms Shipped for Export by Producers, 1951 and 1952**

| | 1951 | 1952 |
|---|---|---|
| | Net tons | |
| Pig iron | 217,448 | 371,426 |
| Steel ingots | — | 22,047 |
| Steel castings | 7,922 | 4,496 |
| Semi-finished rolled forms | 3,895 | 22,997 |
| **Total** | **229,265** | **420,966** |

**TABLE 37. Production and Factory Sales of Steel Rails, 1943-1952**

| Year | Tonnage made | Factory sales | |
|---|---|---|---|
| | | Tonnage sold | Income from sales |
| | Net tons | Net tons | $ |
| 1943 | 263,920 | 261,483 | 12,309,676 |
| 1944 | 325,486 | 324,052 | 15,921,873 |
| 1945 | 291,651 | 288,630 | 14,229,922 |
| 1946 | 206,374 | 210,020 | 10,716,361 |
| 1947 | 250,049 | 242,729 | 13,236,588 |
| 1948 | 337,244 | 328,572 | 21,887,014 |
| 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 |

**TABLE 38. Production and Factory Sales of Finished Rail Fastenings, 1943-1952**

| 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 | $ | Net tons | Net tons | $ |
| 1943 | 27,214 | 27,057 | 1,486,184 | 14,376 | 14,554 | 1,002,902 |
| 1944 | 41,826 | 38,351 | 2,123,629 | 14,583 | 14,324 | 997,004 |
| 1945 | 40,129 | 40,784 | 2,271,313 | 10,847 | 10,836 | 778,664 |
| 1946 | 38,778 | 41,097 | 2,474,231 | 11,918 | 11,988 | 876,209 |
| 1947 | 39,175 | 39,459 | 2,572,632 | 10,124 | 9,666 | 747,608 |
| 1948 | 49,669 | 49,575 | 3,901,039 | 23,005 | 23,190 | 2,151,653 |
| 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 |

**TABLE 39. Production and Factory Sales of Wire Rods of Iron or Steel, 1943-1952**

| Year | Total tonnage made | Factory sales | | Year | Total tonnage made | Factory sales | |
|---|---|---|---|---|---|---|---|
| | | Tonnage sold | Income from sales | | | Tonnage sold | Income from sales |
| | Net tons | Net tons | $ | | Net tons | Net tons | $ |
| 1943 | 235,583 | 88,848 | 3,621,772 | 1948 | 286,990 | 107,686 | 6,267,303 |
| 1944 | 244,270 | 105,046 | 4,300,337 | 1949 | 290,863 | 114,114 | 7,137,187 |
| 1945 | 257,606 | 105,648 | 4,417,200 | 1950 | 293,866 | 120,429 | 8,542,496 |
| 1946 | 210,548 | 82,006 | 3,670,356 | 1951 | 318,266 | 122,514 | 9,695,144 |
| 1947 | 284,795 | 108,512 | 5,310,661 | 1952 | 315,789 | 128,900 | 11,554,693 |

**TABLE 40. Production and Factory Sales of Blooms, Billets and Slabs, 1943-1952**

| 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 | $ | Net tons | Net tons | $ |
| 1943 | 1,694,930 | 134,000 | 6,320,193 | 165,999 | 145,492 | 7,586,292 |
| 1944 | 1,643,679 | 125,159 | 4,849,949 | 226,114 | 211,800 | 12,191,804 |
| 1945 | 1,572,489 | 88,950 | 3,425,864 | 227,577 | 211,468 | 14,306,145 |
| 1946 | 1,589,256 | 188,224 | 7,979,155 | 45,599 | 37,635 | 2,248,394 |
| 1947 | 1,980,914 | 264,871 | 11,278,574 | 138,034 | 128,654 | 7,075,691 |
| 1948 | 2,201,281 | 321,748 | 16,983,227 | 112,338 | 102,906 | 7,539,117 |
| 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 |

1. Shipments to other Canadian rolling mills are included.
2. Includes blanks or pierced billets for seamless tubes since 1947.

**TABLE 41. Production and Factory Sales of Hot-Rolled Bars[1] of All Kinds, 1943-1952**

| Year | Total tonnage made | Factory sales | |
|---|---|---|---|
| | | Tonnage sold | Income from sales |
| | Net tons | Net tons | $ |
| 1943 | 598,113 | 489,879 | 43,233,796 |
| 1944 | 534,196 | 428,982 | 30,099,216 |
| 1945 | 574,446 | 438,622 | 31,680,209 |
| 1946 | 492,853 | 377,250 | 28,448,498 |
| 1947 | 609,763 | 473,430 | 38,949,914 |
| 1948 | 634,315 | 507,364 | 47,877,986 |
| 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 |

1. Included light structurals before 1951; therefore, data for 1951 and 1952 are not exactly comparable with previous years.

**TABLE 42. Production of Structural Steel Shapes[1] of All Kinds, 1943-1952**

| Year | Total tonnage made | Factory sales | |
|---|---|---|---|
| | | Tonnage sold | Income from sales |
| | Net tons | Net tons | $ |
| 1943 | 146,965 | 151,674 | 8,802,273 |
| 1944 | 155,908 | 159,241 | 9,380,379 |
| 1945 | 191,907 | 190,050 | 10,399,503 |
| 1946 | 131,894 | 131,900 | 7,697,043 |
| 1947 | 180,226 | 175,386 | 10,995,147 |
| 1948 | 175,031 | 173,949 | 12,830,518 |
| 1949 | 168,099 | 177,314 | 13,940,920 |
| 1950 | 124,280 | 122,943 | 10,515,280 |
| 1951 | 228,092 | 223,281 | 21,612,670 |
| 1952 | 220,616 | 212,919 | 22,140,506 |

1. Light structurals classified under hot-rolled bars prior to 1951; therefore, data for 1951 and 1952 are not exactly comparable with previous years.

**TABLE 43. Production and Factory Sales of Steel Plate, 1943-1952**

| Year | Total tonnage made | Factory sales | |
|---|---|---|---|
| | | Tonnage sold | Income from sales |
| | Net tons | Net tons | $ |
| 1943 | 395,298 | 391,202 | 27,919,833 |
| 1944 | 390,343 | 389,671 | 26,566,575 |
| 1945 | 282,592 | 275,674 | 16,687,112 |
| 1946 | 170,043 | 165,356 | 9,480,384 |
| 1947 | 192,155 | 188,580 | 11,566,700 |
| 1948 | 228,978 | 228,492 | 17,300,582 |
| 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 |

**TABLE 44. Imports of Primary Forms of Iron and Steel, 1952**

| Commodity | Country of origin | Carbon | Alloy | Stainless |
|---|---|---|---|---|
| | | Tons of 2,000 pounds | | |
| Pig iron: | | | | |
| Basic | United States | 865 | – | – |
| Malleable | United States | 120 | – | – |
| Special | United States | 516 | – | – |
| | France | 83 | – | – |
| Ingots | United States | 76,945 | – | – |
| Billets, blooms, slabs and sheet bars | United States | 5,198 | 597 | – |
| | United Kingdom | – | 13 | – |
| Tube rounds and tube billets | United States | 6,828 | 108 | – |
| | Belgium | 35 | – | – |
| | United Kingdom | 178 | – | – |
| Bars and sections: | | | | |
| Hot-rolled, n.o.p. | United States | 53,185 | 9,118 | 136.2 |
| | United Kingdom | 3,887 | 840 | 77.0 |
| | Belgium | 41,901 | – | – |
| | France | 12,495 | – | – |
| | Japan | 5,326 | – | – |
| | Germany | 711 | – | – |
| | Sweden | 17 | – | – |
| Hot-rolled: | | | | |
| For agricultural implements | United States | 23,491 | 249 | – |
| | United Kingdom | 235 | – | – |
| | Belgium | 254 | – | – |
| | France | 20 | – | – |
| Rounds over 4-7/8", squares over 4" | United States | 1,116 | 112 | 1.4 |
| | United Kingdom | 377 | 259 | 1.1 |
| | Belgium | 26 | – | – |
| Angles, channels, etc. | United States | 11,749 | 144 | 33.2 |
| | Belgium | 10,048 | – | – |
| | United Kingdom | 1,218 | – | – |
| | France | 1,917 | – | – |
| | Germany | 25 | – | – |
| | Japan | 114 | – | – |
| Structurals (bar sizes) for agricultural implements | United States | 9,166 | 4 | – |
| | United Kingdom | 22 | – | – |
| Sash or casement sections | United States | 1,928 | – | – |
| | Belgium | 80 | – | – |
| | Germany | 45 | – | – |
| Cold-finished, n.o.p. | United States | 6,139 | 158 | 32.5 |
| | United Kingdom | 1,965 | 46 | 3.9 |
| | Belgium | 791 | – | – |
| | Sweden | 145 | – | – |
| | Germany | 550 | – | – |
| | France | 2,589 | – | – |
| Cold-finished, for agricultural implements | United States | 4,194 | 15 | – |
| | United Kingdom | 20 | – | – |
| | Belgium | 83 | – | – |
| Tool steel | United States | 481 | 1,184 | – |
| | United Kingdom | 363 | 1,249 | – |
| | Belgium | 127 | – | – |
| | Austria | – | 1 | – |
| Structurals | United States | 155,077 | 7 | 2.1 |
| | United Kingdom | 15,886 | – | – |
| | Belgium | 63,025 | – | – |
| | France | 10,215 | – | – |
| | Germany | 867 | – | – |
| | Japan | 504 | – | – |
| Plates: | | | | |
| 78" and under in width | United States | 101,270 | 342 | 892.3 |
| | United Kingdom | 21,150 | 48 | 14.7 |
| | France | 4,622 | – | – |
| | Germany | 4,786 | – | – |
| | Japan | 18,098 | – | – |
| | Belgium | 7,616 | – | – |
| | Austria | 498 | – | – |
| | Italy | 29 | – | – |
| | Sweden | – | – | .8 |
| Over 78" and under 100" in width | United States | 40,368 | 53 | 80.0 |
| | United Kingdom | 24,452 | – | 4.6 |
| | Belgium | 341 | – | – |
| | France | 525 | – | – |
| | Japan | 1,350 | – | – |
| | Austria | 168 | – | – |
| | Germany | 231 | – | – |

**TABLE 44. Imports of Primary Forms of Iron and Steel, 1952 — Continued**

| Commodity | Country of origin | Carbon | Alloy | Stainless |
|---|---|---|---|---|
| | | Tons of 2,000 pounds | | |
| Plates — Concluded: | | | | |
| 100" in width and over | United States | 5,912 | 44 | 3.8 |
| | United Kingdom | 1,666 | — | — |
| | Belgium | 12 | — | — |
| | Japan | 8 | — | — |
| Flanged, dished or curved | United States | 2,175 | — | 57.7 |
| | United Kingdom | 36 | — | — |
| Boiler, pulp-mill digesters | United States | 3,316 | — | — |
| | United Kingdom | 1,567 | — | — |
| | Belgium | 30 | — | — |
| | Japan | 104 | — | — |
| Chequered or surface pattern | United States | 8,253 | — | — |
| | United Kingdom | 546 | — | — |
| | Belgium | 20 | — | — |
| | Japan | 16 | — | — |
| Sheets: | | | | |
| Silicon .075 or more | United States | — | 19,383 | — |
| | United Kingdom | — | 1,077 | — |
| Galvanized | United States | 10,948 | — | — |
| | United Kingdom | 4,871 | — | — |
| Hot-rolled: | | | | |
| 18 gauge and heavier | United States | 78,986 | 529 | 800.5 |
| | Germany | 985 | — | — |
| | Belgium | 1,756 | — | — |
| | United Kingdom | 6,171 | — | 310.1 |
| | France | 252 | — | — |
| | Sweden | 98 | 2 | .5 |
| | Japan | 1,932 | — | — |
| Lighter than 18 gauge | United States | 2,954 | 80 | 246.4 |
| | United Kingdom | 459 | — | 46.7 |
| | Sweden | — | — | 14.2 |
| For cold rolling | United States | 43 | — | — |
| For hollow ware (vitreous enamel) | United States | 2,895 | — | — |
| | United Kingdom | 53 | — | — |
| Corrugated | United States | 5,942 | — | — |
| | United Kingdom | 140 | — | — |
| | Germany | 8 | — | — |
| Coated with paint, tar, asphaltum, etc. | United States | 337 | — | — |
| For saws | United States | 141 | 628 | — |
| | United Kingdom | 4 | 19 | — |
| | Sweden | — | 1 | — |
| For tubes | United States | 567 | — | — |
| For motor vehicles | United States | 1,966 | — | — |
| Cold-rolled: | | | | |
| 18 gauge and heavier | United States | 23,303 | 84 | 928.4 |
| | United Kingdom | 652 | — | 22.4 |
| Lighter than 18 gauge | United States | 27,904 | 86 | 1,032.9 |
| | United Kingdom | 1,818 | — | 56.0 |
| | Belgium | 25 | — | — |
| For hollow ware (vitreous enamel) | United States | 3,451 | — | — |
| | United Kingdom | 1,033 | — | — |
| Black plate — tin mill | United States | 166 | — | — |
| Coated with paint, tar, asphaltum, etc. | United States | 646 | — | — |
| For heating apparatus | United States | 247 | 1 | — |
| For saws | United States | 7 | 3 | — |
| | Sweden | 4 | 3 | — |
| For tubes | United States | 4,066 | 16 | — |
| For motor vehicles | United States | 106 | — | — |
| Tin plate — Primes | United Kingdom | 519 | — | — |
| | United States | 37 | — | — |
| Electrolytic 25# | United States | 520 | — | — |
| | United Kingdom | 3 | — | — |
| Electrolytic 50# | United States | 43 | — | — |
| Terne plate — Long | United States | 5,597 | — | — |
| | United Kingdom | 28 | — | — |
| Short | United States | 1,698 | — | — |
| | United Kingdom | 14 | — | — |
| Strip: | | | | |
| Hot-rolled: | | | | |
| 18 gauge and heavier | United States | 26,130 | 149 | 61.6 |
| | United Kingdom | 342 | — | — |
| | Belgium | 567 | — | — |
| | France | 11 | — | — |

**TABLE 44. Imports of Primary Forms of Iron and Steel, 1952 — Continued**

| Commodity | Country of origin | Carbon | Alloy | Stainless |
|---|---|---|---|---|
| | | Tons of 2,000 pounds | | |
| Strip — Concluded: | | | | |
| Hot-rolled — Concluded: | | | | |
| Lighter than 18 gauge | United States | 1,061 | 110 | 107.3 |
| | United Kingdom | 11 | 1 | — |
| | Belgium | 6 | — | — |
| For cold rolling | United States | 2,197 | — | — |
| | United Kingdom | 20 | — | — |
| Painted | United States | 47 | — | — |
| For shoe and corset laces, buckles, ball bearings, etc. | United States | 125 | — | — |
| | United Kingdom | 27 | — | — |
| For saws | United States | 257 | 75 | — |
| | United Kingdom | 2 | 5 | — |
| | Sweden | 1 | 14 | — |
| For motor vehicles | United States | 15,610 | — | — |
| | Belgium | 39 | — | — |
| For hoops | United States | 1,103 | — | — |
| | United Kingdom | 179 | — | — |
| | Belgium | 55 | — | — |
| For tubes | United States | 2,247 | 3 | — |
| | United Kingdom | — | 14 | — |
| For tubular products | United States | 99 | — | — |
| Silicon .075 or more | United States | — | 1,692 | — |
| Cold-rolled: | | | | |
| 18 gauge and heavier | United States | 4,964 | 153 | 448.0 |
| | United Kingdom | 117 | — | — |
| | Sweden | 83 | — | — |
| | Germany | 13 | — | — |
| Lighter than 18 gauge | United States | 5,848 | 520 | 785.9 |
| | Sweden | 616 | 22 | 1.9 |
| | United Kingdom | 206 | — | 1.2 |
| | Germany | 4 | 18 | — |
| Painted | United States | 6,865 | — | — |
| | Germany | 23 | — | — |
| For shoe and corset laces, buckles, ball bearings, etc. | United States | 166 | — | — |
| | United Kingdom | 81 | — | — |
| For saws | United States | 113 | 202 | — |
| | Sweden | 31 | 85 | — |
| For tubes | United States | 3,893 | 38 | — |
| For tubular products | United States | 1,922 | — | — |
| For butt hinges | United States | 2,660 | — | — |
| | United Kingdom | 62 | — | — |
| | Sweden | 8 | — | — |
| For hoops | United States | 68 | — | — |
| | United Kingdom | 27 | — | — |
| For motor vehicles | United States | 33 | — | — |
| Galvanized strip | United States | 4,883 | — | — |
| | United Kingdom | 387 | — | — |
| | Germany | 36 | — | — |
| | Belgium | 17 | — | — |
| Skelp: | | | | |
| 15-3/8" in width | United States | 88,848 | — | — |
| | France | 2,085 | — | — |
| | Belgium | 14,347 | — | — |
| | United Kingdom | 2,942 | — | — |
| | Germany | 325 | — | — |
| Over 15-3/8" in width | United States | 3,619 | — | — |
| Plate | United States | 24,342 | — | — |
| Pipes and tubes: | | | | |
| Cast | United States | 956 | — | — |
| | United Kingdom | 13,752 | — | — |
| | Germany | 46 | — | — |
| | Sweden | 12 | — | — |
| | France | 12 | — | — |
| Bedstead | United States | 162 | — | — |
| | United Kingdom | 8 | — | — |
| | Holland | 1 | — | — |
| Repair of pressure parts of boilers: | | | | |
| Hot-finished | United States | 7,016 | 137 | 85.6 |
| | United Kingdom | 2,957 | — | 21.5 |
| | Sweden | 23 | — | — |
| | France | 38 | — | — |
| Cold-drawn | United States | 1,754 | 69 | 16.0 |
| | United Kingdom | 1,507 | 6 | 1.4 |
| | Sweden | 31 | — | — |

**TABLE 44. Imports of Primary Forms of Iron and Steel, 1952 — Continued**

| Commodity | Country of origin | Carbon | Alloy | Stainless |
|---|---|---|---|---|
| | | Tons of 2,000 pounds | | |
| Pipes and tubes — Concluded: | | | | |
| Repair of pressure parts of boilers — Concluded: | | | | |
| Welded | United States | 3,153 | — | 3.1 |
| | United Kingdom | 749 | — | — |
| Seamless, 12" and under in diameter: | | | | |
| Cold-drawn | United States | 5,096 | 1,496 | 384.6 |
| | United Kingdom | 2,246 | 28 | 224.8 |
| | Sweden | 112 | 156 | .1 |
| | Germany | 119 | — | — |
| | Belgium | 2 | — | — |
| | Japan | 3 | — | — |
| Hot-finished | United States | 12,316 | 1,339 | 135.2 |
| | United Kingdom | 14,430 | 7 | 13.8 |
| | Germany | 57 | — | — |
| | Sweden | 77 | 67 | — |
| | Japan | 55 | — | — |
| | Belgium | 22 | — | — |
| Seamless, over 12" in diameter: | | | | |
| Hot-finished | United States | 3,119 | 141 | 3.0 |
| | United Kingdom | 11,541 | — | — |
| Welded, 4" and under in diameter | United States | 4,210 | 26 | 168.5 |
| | United Kingdom | 9,017 | — | 8.6 |
| | Germany | 96 | — | — |
| | Belgium | 32 | — | — |
| Welded, over 4" in diameter | United States | 92,840 | — | 12.7 |
| | United Kingdom | 2,636 | — | — |
| | Germany | 78 | — | — |
| | Belgium | 13 | — | — |
| Tubing: | | | | |
| Not over ½" diameter, welded and coated | United States | 583 | — | — |
| | United Kingdom | 1 | — | — |
| Spiral-welded | United States | 2,736 | — | — |
| Casings | United States | 53,429 | — | — |
| | United Kingdom | 14,780 | — | — |
| | Germany | 1,734 | — | — |
| | France | 1,247 | — | — |
| | Japan | 2,022 | — | — |
| Fittings and couplings | United States | 6,386 | 22 | 109.2 |
| | United Kingdom | 678 | — | — |
| | Germany | 31 | — | — |
| | Sweden | 1 | — | — |
| | Switzerland | 2 | — | — |
| Wire rope | United States | 837 | 2 | 9.4 |
| | United Kingdom | 923 | — | — |
| | Belgium | 24 | — | — |
| | Germany | 187 | — | — |
| | Holland | 54 | — | — |
| Wire for rope | United States | 19,819 | — | 1.3 |
| | United Kingdom | 7,337 | — | 5.3 |
| | Belgium | 9 | — | — |
| | West Germany | 132 | — | — |
| Wire — For corset laces, steels, etc. | United States | 247 | — | — |
| | United Kingdom | 1 | — | — |
| For spring mattresses, etc. | United States | 2,908 | — | — |
| | United Kingdom | 39 | — | — |
| Wire cloth and netting | United States | 750 | — | 3.5 |
| | United Kingdom | 78 | — | — |
| | Belgium | 127 | — | — |
| Wire, coated | United States | 1,402 | 3 | 1.7 |
| | United Kingdom | 137 | — | — |
| | Germany | 8 | — | — |
| | Belgium | 38 | — | — |
| Wire, all other | United States | 6,952 | 25 | 16.6 |
| | United Kingdom | 126 | — | 2.3 |
| | Germany | 75 | — | .4 |
| | Italy | 19 | — | — |
| | Sweden | 27 | 4 | — |
| | Belgium | 460 | — | — |
| | France | 61 | — | — |

**TABLE 44. Imports of Primary Forms of Iron and Steel, 1952 — Concluded**

| Commodity | Country of origin | Carbon | Alloy | Stainless |
|---|---|---|---|---|
| | | Tons of 2,000 pounds | | |
| Wire rods, not over 3/8" in diameter | United States | 2,223 | 2 | — |
| | Belgium | 2,409 | — | — |
| | Germany | 696 | — | — |
| | United Kingdom | 225 | — | — |
| Welding wire and welding rods | United States | 2,909 | 303 | 52.3 |
| | Belgium | 157 | — | — |
| | Japan | 88 | — | — |
| | United Kingdom | 1 | 1 | — |
| Castings: | | | | |
| For agricultural implements | United States | 2,273 | 38 | — |
| For ingot moulds | United States | 27,285 | — | — |
| | United Kingdom | 1,518 | — | — |
| Malleable | United States | 1,220 | — | — |
| | United Kingdom | 7 | — | — |
| Non-malleable | United States | 507 | — | — |
| Steel | United States | 509 | 270 | 1.2 |
| | Germany | 1 | — | — |
| | United Kingdom | 85 | — | — |
| | France | 369 | — | — |
| | Norway | 191 | — | — |
| | Belgium | 166 | — | — |
| For railway vehicles | United States | 196 | — | — |
| | United Kingdom | 37 | — | — |
| Rolls | United States | 3,019 | 1,042 | — |
| | United Kingdom | 66 | 166 | — |
| | Germany | 1 | — | — |
| | France | 86 | — | — |
| Piston rings (rough) | United States | 220 | — | — |
| | France | 43 | — | — |
| Forgings | United States | 1,472 | 343 | 1.6 |
| | United Kingdom | 1,885 | 63 | — |
| | France | 5 | — | — |
| Wheels — For railway rolling stock | United States | 147 | — | — |
| | United Kingdom | 12,345 | — | — |
| Tires — For railway rolling stock | United States | 167 | — | — |
| | United Kingdom | 4,423 | — | — |
| Axles — For railway vehicles | United States | 176 | — | — |
| | United Kingdom | 620 | — | — |
| Rails: | | | | |
| 60 lb. and under | United States | 2,326 | — | — |
| | Belgium | 732 | — | — |
| | France | 214 | — | — |
| | Germany | 33 | — | — |
| Over 60 lb. and including 100 lb. | United States | 2,714 | — | — |
| | United Kingdom | 311 | — | — |
| Over 100 lb. | United States | 2,039 | — | — |
| Track material: | | | | |
| Angles, bars, tie plates, rail joints | United States | 2,902 | — | — |
| | Belgium | 155 | — | — |
| | United Kingdom | 909 | — | — |
| | Germany | 1 | — | — |
| | France | 61 | — | — |
| Intersections, switches, frogs | United States | 1,284 | — | — |
| | France | 4 | — | — |
| | Belgium | 3 | — | — |
| **Total imports** | **United States** | **1,168,221** | **41,145** | **6,655.7** |
| | **All other** | **425,387** | **4,215** | **833.3** |
| **Total** | | **1,593,608** | **45,360** | **7,489.0** |

**TABLE 45. Exports of Primary Iron and Steel, 1952**

| Commodity | Total tonnage |
|---|---|
| | Tons of 2,000 pounds |
| Pig iron | 375,987 |
| Ingots, blooms and billets | 56,327 |
| Bars | 30,053 |
| Rods | 512 |
| Plates, sheets and strips | 33,086 |
| Rails | 2,595 |
| Structural shapes | 6,562 |
| Pipe and tubing: | |
| Wrought iron | 1,032 |
| Cast iron | 1,228 |
| Galvanized | 1,131 |
| Other | 2,601 |
| Castings, iron and steel | 14,681 |
| Forgings | 9,502 |
| **Total** | **535,297** |

**TABLE 46. Employees and Earnings in the Primary Iron and Steel Industry, by Provinces, 1951 and 1952**

| Province | Number of employees | | | | | Earnings | | |
|---|---|---|---|---|---|---|---|---|
| | Supervisory and office | | Production workers | | Total | Supervisory and office | Production workers | Total |
| | Male | Female | Male | Female | | | | |
| | | | | | | $ | $ | $ |
| 1951 | | | | | | | | |
| Nova Scotia | 415 | 61 | 4,361 | — | 4,837 | 1,639,460 | 11,615,433 | 13,254,893 |
| Quebec | 465 | 112 | 3,618 | 4 | 4,199 | 2,023,433 | 10,799,598 | 12,823,031 |
| Ontario | 2,108 | 775 | 19,396 | 391 | 22,670 | 12,489,791 | 64,938,088 | 77,427,879 |
| Manitoba | 94 | 22 | 878 | 6 | 1,000 | 373,560 | 2,418,890 | 2,792,450 |
| Alberta, British Columbia | 46 | 8 | 631 | 2 | 687 | 217,756 | 2,045,793 | 2,263,549 |
| **Canada** | **3,128** | **978** | **28,884** | **403** | **33,393** | **16,744,000** | **91,817,802** | **108,561,802** |
| 1952 | | | | | | | | |
| Nova Scotia | 398 | 61 | 4,860 | — | 5,319 | 1,826,850 | 13,975,494 | 15,802,344 |
| Quebec | 512 | 120 | 3,868 | 3 | 4,503 | 2,369,240 | 12,989,418 | 15,358,658 |
| Ontario | 2,240 | 811 | 20,103 | 325 | 23,479 | 14,027,616 | 73,633,602 | 87,661,218 |
| Manitoba | 91 | 22 | 945 | — | 1,058 | 444,365 | 2,941,001 | 3,385,366 |
| Alberta, British Columbia | 67 | 5 | 568 | 2 | 642 | 303,970 | 1,875,734 | 2,179,704 |
| **Canada** | **3,308** | **1,019** | **30,344** | **330** | **35,001** | **18,972,041** | **105,415,249** | **124,387,290** |

## TABLE 47. Capital Investment in the Primary Iron and Steel Industry, 1948-1952

| Year | Capital expenditures | | Sub-total | Repair and maintenance expenditures | | Sub-total | Total capital investment |
|---|---|---|---|---|---|---|---|
| | Construction | Machinery and equipment | | Construction | Machinery and equipment | | |
| | $,000 | | | | | | |
| 1948 | 6,846 | 11,306 | 18,152 | 4,763 | 15,337 | 20,100 | 38,252 |
| 1949 | 2,490 | 9,313 | 11,803 | 5,476 | 15,398 | 20,874 | 32,677 |
| 1950 | 1,704 | 5,225 | 6,929 | 5,914 | 17,976 | 23,890 | 30,819 |
| 1951 | 28,945 | 21,366 | 50,311 | 5,501 | 27,764 | 33,265 | 83,576 |
| 1952 [1] | 44,774 | 40,864 | 85,638 | 9,271 | 32,978 | 42,249 | 127,887 |

1. Preliminary.

## Directory of Firms in the Primary Iron and Steel Industry, 1952

| Name of firm | Location of plant |
|---|---|
| **(a) Pig Iron** | |
| Dominion Iron & Steel, Limited | Sydney, Nova Scotia |
| Algoma Steel Corporation, Limited | Sault Ste. Marie, Ontario |
| Canadian Furnace 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 of Canada, Limited | Welland, Ontario |
| St. Lawrence Alloys and Metals, Limited | Beauharnois, Quebec |
| **(c) Steel Ingots and Steel Castings** | |
| Maritime Steel Foundries, Limited | 379 Glasgow St., New Glasgow, Nova Scotia |
| Dominion Iron & Steel, Limited | Sydney, Nova Scotia |
| Canadian Unitcast-Steel, Ltd. | 101 Belvedere St., Sherbrooke, Quebec |
| Canadian Car & Foundry Company, Limited | Longue Pointe, Montreal, Quebec |
| Canadian Tube & Steel Products, Limited | 5900 St. Patrick St., Montreal, Quebec |
| Dominion Brake Shoe Company, Limited | Laval St., Joliette, Quebec |
| Dominion Engineering Works Limited | Lachine, Quebec |
| La Compagnie F.X. Drolet | 206, rue du Pont, Québec, Québec |
| Lynn MacLeod Metallurgy Limited | Notre Dame St., Thetford Mines, Quebec |
| Manganese Steel Castings, Limited | Abenaquis St., Sherbrooke, Quebec |
| Shawinigan Chemicals, Limited (Stainless Steel Division) | Shawinigan Falls, Quebec |
| Sorel Industries Ltd. | Sorel, Quebec |
| Sorel Steel Foundries, Limited | 7 Limoges St., 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., Orillia, Ontario |
| Dominion Foundries & Steel, Limited | Depew St., Hamilton, Ontario |
| Fahralloy, Canada, Limited | Barrie Road, Orillia, Ontario |
| Ford Motor Company of Canada, Limited | Windsor, Ontario |

**Directory of Firms in the Primary Iron and Steel Industry, 1952 – concluded**

| Name of firm | Location of plant |
|---|---|
| **(c) Steel Ingots and Steel Castings** – Concluded | |
| Kennedy & Sons, Limited, The Wm. | Second Avenue West, Owen Sound, Ontario |
| Steel Company of Canada, Limited | Wilcox St., Hamilton, Ontario |
| Welland Electric Steel Foundry Limited | 123 Victoria St., Welland, Ontario |
| Manitoba Rolling Mill Company, Limited | Selkirk, Manitoba |
| Manitoba Steel Foundries, Limited | Selkirk, Manitoba |
| Vulcan Iron & Engineering Works, Ltd. | Sutherland and Maple Sts., Winnipeg, Manitoba |
| Foothills Steel Foundry & Iron Works | 1439-17th Ave. East, Calgary, Alberta |
| Riverside Iron & Engineering Works, Limited | 803-24th Ave. S.E., Calgary, Alberta |
| Britannia Mining and Smelting Company, Limited | Britannia Beach, British Columbia |
| 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 |
| Vancouver Engineering Works, Limited | 519 Sixth Avenue West, Vancouver, British Columbia |
| A-1 Steel & Iron Foundry Ltd. | 29 West 3rd Ave., Vancouver, British Columbia |
| Victoria Machinery Depot Co. Ltd. | 33 Dallas Road, Victoria, British Columbia |
| Vancouver Steel Co. Ltd. | Granville Island, Vancouver, British Columbia |
| **(d) Hot-rolled Iron and Steel** | |
| Enamel & Heating Products Ltd | Amherst, Nova Scotia |
| Dominion Iron & Steel, Limited | Sydney, Nova Scotia |
| Canadian Tube & Steel Products, Limited | 5900 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 |
| Manitoba Rolling Mill Company, Limited | Selkirk, Manitoba |
| Vancouver Rolling Mill | 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 |

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

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA
1010654970