

41 003

CANADA

DOMINION BUREAU OF STATISTICS

PROPERTY OF THE LIBRARY

VOL. 4

No. 6

Microfilm File Copy

Monthly Report
of the
PRODUCTION OF IRON AND STEEL
IN CANADA

JUNE, 1924

Published by Authority of the HON. THOS. A. LOW, M. P.
Minister of Trade and Commerce.

OTTAWA
1924

Dominion Bureau of Statistics, Canada

R. H. COATS, B.A., F.S.S. (Hon.), F.R.S.C. — DOMINION STATISTICIAN

S. J. COOK, B.A., A.I.C., F.C.I.C. — Chief of the
MINING, METALLURGICAL AND CHEMICAL BRANCH

PRODUCTION OF IRON AND STEEL IN CANADA

PIG IRON IN JUNE 1924

The production of 56,963 gross tons of pig iron in Canada during June marked a decline to about two-thirds of the output in the previous month when 84,987 tons was produced. This tonnage was the lowest reported for any month this year.

Basic pig iron at 28,865 tons represented a decline of 58% from the output of this grade in May and more than offset the 189% advance of malleable iron to 15,916 tons. Foundry iron showed little change at 12,182 tons. The cumulative production of 427,105 tons for the first six months of this year showed little difference from the 435,146 tons produced in the same period of 1923 and exceeded the first six months' outputs of 1922 and 1921 when the quantities were 192,187 tons and 309,206 tons, respectively.

During the month two furnaces were banked at Sault Ste. Marie leaving four furnaces in blast at the end of June. The active furnaces were located as follows: two at Sydney, N.S., one at Sault Ste. Marie, Ont., and one at Hamilton, Ont.

The production of ferro-silicon at 2,108 tons was 6% under the 2,245 tons of May. The cumulative output of 15,768 tons exceeded the six months' total for the last three years when the tonnages were: 13,013 tons in 1923; 9,671 tons in 1922 and 10,781 tons in 1921.

Table 1 (a) shows the production of pig iron by grades, and ferro-alloys during the month. For comparison Table 1 (b) shows the corresponding data for the preceding month and Table 1 (c) shows the total output of pig iron and ferro-alloys for the six months ending June, 1924.

PIG IRON AND FERRO-ALLOYS PRODUCTION (Tons of 3240 lbs.)

Table 1 (a) - JUNE - 1924.

	IN BLAST FURNACES		IN ELECTRIC FURNACES		TOTAL PRODUCTION
	For Own Use	For Sale	For Own Use	For Sale	
PIG IRON:					
Basic.....	28,252	613	--	--	28,865
Foundry.....	64	12,118	--	--	12,182
Malleable.....	15,369	547	--	--	15,916
All other.....	--	--	--	--	--
TOTAL PIG IRON.....	43,685	13,278	--	--	56,963
TOTAL FERRO-ALLOYS.....	--	--	--	2,108	2,108

Table 1 (b) - MAY - 1924.

PIG IRON:					
Basic.....	68,502	727	--	--	69,229
Foundry.....	99	10,149	--	--	10,248
Malleable.....	--	5,510	--	--	5,510
All other.....	--	--	--	--	--
TOTAL PIG IRON.....	68,601	16,336	--	--	84,987
TOTAL FERRO-ALLOYS.....	--	--	--	2,245	2,245

Table 1 (c) - TOTAL for the Six months ending JUNE, 1924.

PIG IRON:					
Basic.....	288,090	4,930	--	--	293,020
Foundry.....	433	99,561	--	--	99,994
Malleable.....	15,369	18,722	--	--	34,091
All other.....	--	--	--	--	--
TOTAL PIG IRON.....	303,892	123,213	--	--	427,105
TOTAL FERRO-ALLOYS.....	--	--	--	15,768	15,768

No. of blast furnaces:

	First of Month	End of Month
ACTIVE.....	6.....	4
IDLE.....	14.....	16

Table 3 (a) shows the average monthly production of pig iron in Canada for the ten-year period from 1911 to 1920, inclusive, and Table 3 (b) shows the actual production by months for the years 1921 to date.

Table 2 (a)

PRODUCTION OF STEEL INGOTS AND CASTINGS IN CANADA
FOR THE CURRENT AND PRECEDING MONTH
(Tons of 2240 lbs.)

	MAY 1924			June 1924		
	For Own Use	For Sale	Total	For Own Use	For Sale	Total
STEEL INGOTS:						
Open Hearth-Basic	104,470		104,470	66,246		66,246
Acid						
Bessemer						
Other	643		643	147		147
TOTAL STEEL INGOTS	105,113		105,113	66,393		66,393
STEEL CASTINGS:						
Open Hearth-Basic	227	2,348	2,575	141	1,711	1,852
Acid						
Bessemer	6	141	147	1	79	80
Electric	20	578	598	10	579	589
TOTAL DIRECT STEEL CASTINGS	253	3,067	3,320	152	2,369	2,521
GRAND TOTAL	105,366	3,067	108,433	66,545	2,369	68,914

Table 2 (b)

TOTAL PRODUCTION OF STEEL INGOTS AND CASTINGS

For the SIX MONTHS ending JUNE, 1924.

	For Own Use	For Sale	Total Production
STEEL INGOTS:			
Open Hearth-Basic	468,599		468,599
Acid			
Bessemer			
Other	952		952
TOTAL STEEL INGOTS	469,551		469,551
STEEL CASTINGS:			
Open Hearth-Basic	940	13,395	14,335
Acid		782	782
Bessemer	27	778	805
Electric	131	3,129	3,260
TOTAL DIRECT STEEL CASTINGS	1,098	18,084	19,182
GRAND TOTAL	470,649	18,084	488,733

STEEL INGOTS AND CASTINGS

The June production of steel ingots and castings in Canada was 68,914 tons or 37 per cent less than the May output of 108,433 tons. The decline was mostly in the quantity of steel ingots produced for the further use of the reporting firms; only 66,393 tons was reported under this heading, a decline of 37 per cent from the 105,113 tons so classified in May. Direct steel castings fell 24 per cent to 2,521 tons.

The cumulative production for the six months period was 488,733 tons; this total exceeds the outputs for the corresponding periods of the last three years when the quantities were: 476,430 tons in 1923; 177,080 tons in 1922 and 295,140 tons in 1921.

Prices for some lines of pig iron rallied during June, but at the end of the month the market was again weak. No. 1 Foundry (2.25 to 2.75 silicon) averaged about \$27.30 while No. 2 brought \$26.20 per ton at Toronto. At Montreal, the price was \$29.20 for both grades. At the beginning of July these prices ranged about \$1.00 per ton lower. Thus, the first half of the year closed with pig iron prices still seeking lower levels. The movement of the iron and steel market during the first six months of 1924 is well reflected in the index numbers for the iron and steel products group in the Wholesale Prices Index compiled by the Bureau (1913 average prices = 100). These were January, 168.5; February, 167.3; March, 166.1; April, 165.8; May, 163.5; and June, 161.0.

Table 2 (a) shows the production of steel ingots and castings in Canada during the month just closed and the month immediately preceding. For comparison Table 2 (b) shows the total production by grades, of steel ingots and castings during the six months ending June, 1924.

Table 3 (A), AVERAGE MONTHLY PRODUCTION OF
 PIG IRON, STEEL INGOTS AND CASTINGS

IN CANADA, 1911 - 1920.

In 1000's of Long Tons

YEAR	MONTHLY AVERAGE		YEAR	MONTHLY AVERAGE	
	Iron	Steel		Iron	Steel
1911	68	66	1916	87	106
1912	75	71	1917	87	130
1913	84	87	1918	89	140
1914	58	62	1919	68	77
1915	68	76	1920	81	92

TABLE 3 (B) TOTAL PRODUCTION OF PIG IRON, STEEL INGOTS AND CASTINGS

IN CANADA BY MONTHS

From 1921 to Date

(In 1000's of Long Tons)

MONTH	1921		1922		1923		1924	
	Iron	Steel	Iron	Steel	Iron	Steel	Iron	Steel
January	41	40	32	33	41	48	64	41
February	58	59	34	42	44	46	60	71
March	60	53	42	30	65	89	77	95
April	39	27	33	22	84	93	84	104
May	56	52	23	17	102	104	85	108
June	55	64	29	33	99	96	57	69
July	54	54	32	63	82	74		
August	50	72	27	59	93	105		
September	44	56	25	36	75	66		
October	50	72	37	53	74	67		
November	48	75	34	51	62	55		
December	40	43	36	47	60	41		
TOTAL	595	667	384	486	881	884	427	488
MONTHLY AVERAGE	50	56	32	40	73	74	71	81

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010636089