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Monthly Report

of the

PRODUCTION OF IRON AND STEEL

IN CANADA

JUNE, 1922

Prepared under the direction of

S. J. COOK,

Chief of the
MINING, METALLURGICAL
AND CHEMICAL BRANCH

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Monthly Report
of the
PRODUCTION OF IRON AND STEEL
IN CANADA

June - 1922

PIC IRON AND FERRO-ALLOYS

The production of pig iron during June showed an increase of 23% over the output of the previous month. A tonnage of 28,763 was returned for the month under review as compared with an output of 23,363 gross tons in May. The basic pig manufactured for the use of the reporting firms increased over the previous month's record by 8,449 tons. The malleable iron produced for sale also presented the substantial increase of 149.5%. On the other hand the production of ferro-alloys in blast furnaces decreased from 2,680 tons in May to 2,051 tons in June, involving a reduction of 23%.

The pig iron and ferro-alloy production for the first six months of the present year presents a decline of 118,129 tons or 31.9% from the output of the corresponding period of 1921. At the end of June last year six furnaces were in blast as compared with the four furnaces in operation at the close of June last. One furnace at Sydney was blown in during June, and the three units reported last month remained in blast.

It may be of interest in this connection to quote the price of basic pig iron as given by one of the steel companies. The rates were \$24 per ton in April, \$26 in May, and \$27 in June. The Labour Department index of iron and steel wholesale prices including eleven commodities reached in April the lowest point since 1916. The index for the month was 182.5 as compared with an advance to 184.2 in May.

The increases in pig iron production in the United States, as reported in the "Iron Age" have been well maintained. The daily output during June increased by 4,292 tons over the record of the previous month and 15 additional furnaces were in blast. The June increase in Canadian production when considered in connection with American conditions, may be taken as an omen of greater activity.

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.

PIG IRON AND FERRO-ALLOYS PRODUCTION (Tons of 2240 lbs.)

Table 1 (a) - June - 1922.

	IN BLAST FURNACES		IN ELECTRIC FURNACES		TOTAL PRODUCTION
	For Own Use	For Sale	For Own Use	For Sale	
PIG IRON:					
Basic.....	14,714	- - -	- -	- -	14,714
Foundry.....	100	8,516	- -	- -	8,616
Malleable.....	- - -	5,337	- -	- -	5,337
All other.....	- - -	- - -	- -	96	96
TOTAL PIG IRON.....	14,814	13,853	- -	96	28,763
TOTAL FERRO-ALLOYS					
	1,890	161	- -	626	2,677

Table 1 (b) - May - 1922.

PIG IRON:					
Basic.....	6,265	- - -	- -	- -	6,265
Foundry.....	1	14,958	- -	- -	14,959
Malleable.....	- - -	2,139	- -	- -	2,139
Castings.....	- - -	- - -	- -	- -	- -
TOTAL PIG IRON.....	6,266	17,097	- -	- -	23,363
TOTAL FERRO-ALLOYS					
	2,499	181	- -	717	3,397

Table 1 (c) - TOTAL for the SIX months ending JUNE, 1922.

PIG IRON:					
Basic.....	107,202	430	- -	- -	107,632
Foundry.....	205	65,664	- -	- -	65,869
Malleable.....	- - -	18,590	- -	- -	18,590
All other.....	- - -	- - -	- -	96	96
TOTAL PIG IRON.....	107,407	84,684	- -	96	192,187
TOTAL FERRO-ALLOYS					
	4,389	342	- -	4,940	9,671

No. of blast furnaces:

	First of Month	End of Month
ACTIVE.....	3.....	4
IDLE.....	17.....	16

Table 2 (a) shows the average monthly production of pig iron in Canada for the ten-year period from 1907 to 1916, inclusive, and Table 2 (b) shows the actual production by months for the years 1917 to date.

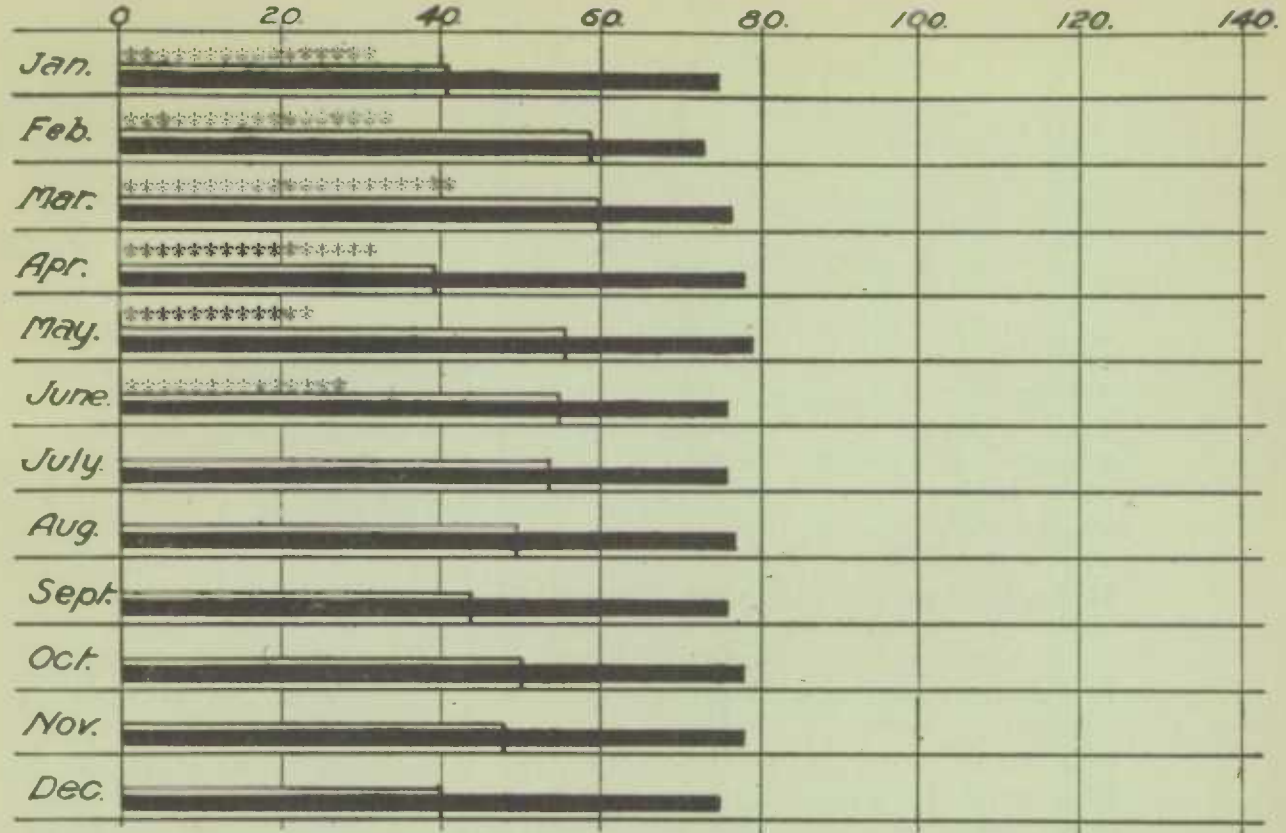
TABLE 2 (A), AVERAGE MONTHLY PRODUCTION OF
 PIG IRON, STEEL INGOTS AND CASTINGS
 IN CANADA, 1907 - 1916.
 In 1000's of Long Tons

YEAR	MONTHLY AVERAGE		YEAR	MONTHLY AVERAGE	
	Iron	Steel		Iron	Steel
1907	48	53	1912	75	71
1908	47	44	1913	84	87
1909	56	56	1914	58	62
1910	60	61	1915	68	76
1911	68	66	1916	87	106

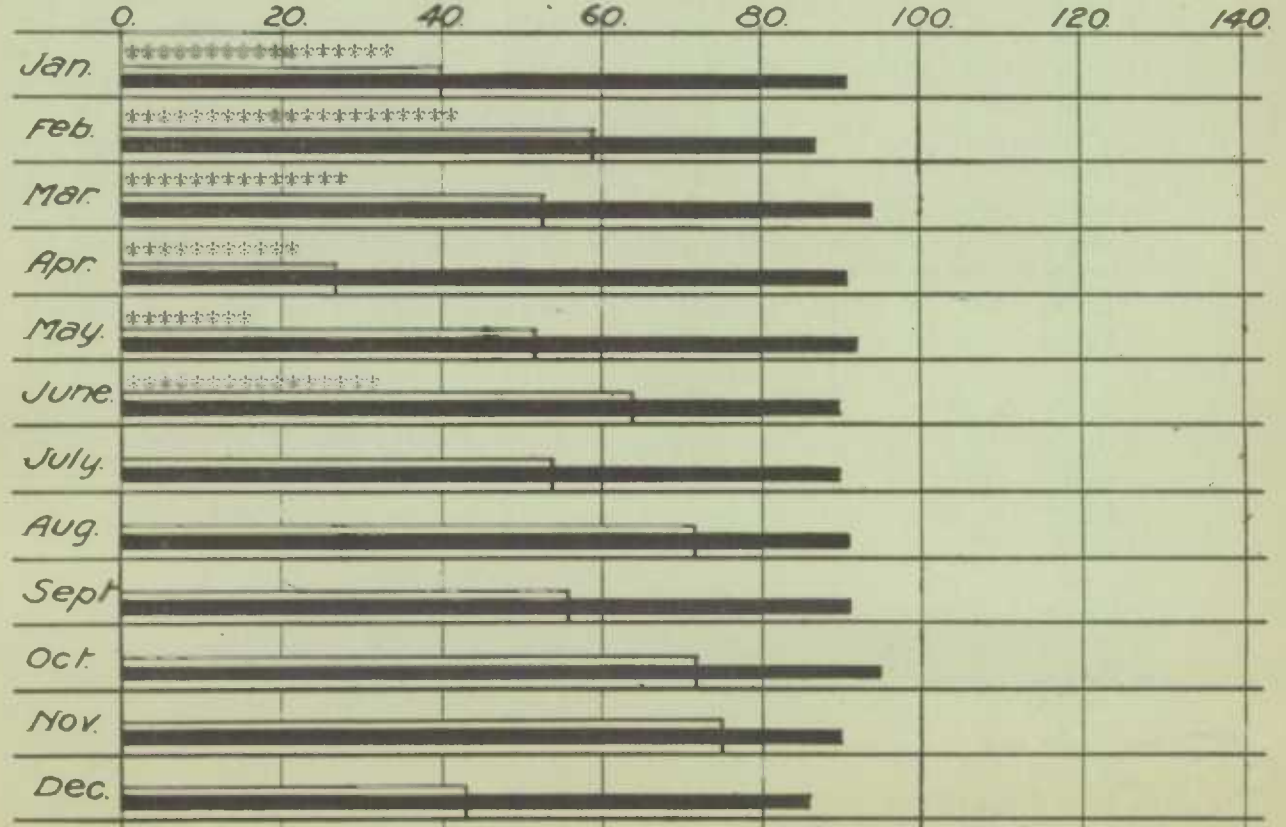
TABLE 2 (B) TOTAL PRODUCTION OF PIG IRON, STEEL INGOTS AND CASTINGS
 IN CANADA BY MONTHS
 From 1917 to Date
 (In 1000's of Long Tons)

MONTH	1917		1918		1919		1920		1921		1922	
	Iron	Steel	Iron	Steel	Iron	Steel	Iron	Steel	Iron	Steel	Iron	Steel
January	80	117	66	130	93	107	73	92	41	40	32	33
February	75	108	70	124	78	90	64	84	58	59	34	42
March	93	136	86	141	82	100	69	97	60	53	42	3
April	90	125	93	149	83	75	77	93	39	27	33	
May	97	139	94	156	74	69	87	90	56	52	23	
June	89	122	92	148	59	68	80	91	55	64	29	33
July	83	124	98	147	54	66	84	94	54	54		
August	90	130	86	152	60	54	93	105	50	72		
September	90	133	85	149	51	60	94	99	44	56		
October	92	144	96	164	50	66	105	111	50	72		
November	87	141	95	116	65	82	94	97	48	75		
December	78	139	106	105	70	87	54	56	40	43		
TOTAL	1044	1558	1067	1681	819	924	974	1109	595	667	193	177
MONTHLY AVERAGE	87	130	89	140	68	77	81	92	50	56	32	28

PRODUCTION OF PIG IRON IN THOUSANDS OF TONS.



PRODUCTION OF STEEL IN THOUSANDS OF TONS.



***** = 1922; [] = 1921; [] = average 1911 to 1920.

STEEL INGOTS AND CASTINGS

Aside from the output of February, the June steel production was the greatest of the present year. The increase over the tonnage for May was 93% and the record of January was exceeded by a few tons. The output of castings was practically maintained while the production of ingots increased from 15,646 tons to 31,270 tons involving an advance of 99.8%. As usual a large proportion of the output consisted of open hearth basic steel intended for further use. On the other hand, 1,318 tons of the castings comprising three different grades were produced for sale.

A comparison of the cumulative steel production during the first six months of the present year with the record of the corresponding period of 1921 throws recent performance into an unfavorable light. The half year in 1921 was credited with an output of 295,140 tons comprising a lead of 66.7% over the production in the half year ending with the month under review. In spite of this situation the encouraging increase in June would appear to point to a period of moderate activity.

The Employment Service reports that the employment in May in the iron and steel group which includes the secondary industries increased 12%. The Algoma Steel Corporation obtained a contract for 48,000 tons of rails and the British Empire Steel Corporation is operating the Sydney billet mill with double shifts in view of the receipt of substantial orders. The increasing output of the United States mills in spite of fuel and transportation difficulties is another indicator pointing in the direction of brighter prospects for the Canadian industry.

Table 3 (a) shows the production of steel ingots and castings in Canada during the month just closed and the month immediately preceding. For reference, Table 3 (b) shows the total production by grades of steel ingots and castings during the six months ending June.

The bar chart shown on the preceding page enables the reader to make quick comparisons between the ten-year average production in any month of pig iron and of steel ingots and castings with the actual output in the same month of 1921 and 1922.

Table 3 (a)

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

	MAY			JUNE		
	For Own Use	For Sale	Total	For Own Use	For Sale	Total
STEEL INGOTS:						
Open Hearth-Basic Acid	15,590	-----	15,590	31,206	-----	31,206
Bessemer Electric	-----	-----	-----	1	3	4
		56	56		60	60
TOTAL STEEL INGOTS	15,590	56	15,646	31,207	63	31,270
STEEL CASTINGS:						
Open Hearth-Basic Acid	40	279	319	44	518	562
Bessemer Electric	4	153	157	2	122	124
	503	375	878	71	778	849
TOTAL DIRECT STEEL CASTINGS	547	807	1,354	117	1,418	1,535
GRAND TOTAL	16,137	863	17,000	31,324	1,481	32,805

Table 3 (b)

TOTAL PRODUCTION OF STEEL INGOTS AND CASTINGS

For the SIX MONTHS ending JUNE, 1922.

	For Own Use	For Sale	Total Production
STEEL INGOTS:			
Open Hearth-Basic Acid	167,612	-----	167,612
Bessemer Electric	6	14	20
	2	125	127
TOTAL STEEL INGOTS	167,620	139	167,759
STEEL CASTINGS:			
Open Hearth-Basic Acid	917	2,653	3,570
Bessemer Electric	25	865	890
	724	4,137	4,861
TOTAL DIRECT STEEL CASTINGS	1,666	7,655	9,321
GRAND TOTAL	169,286	7,794	177,080

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