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Monthly Report

on

PRODUCTION OF IRON AND STEEL

in Canada

MARCH 1932

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Figures in this report are the latest available at time of printing, where necessary, data for earlier months have been revised.

DOMINION BUREAU OF STATISTICS - CANADA
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PRODUCTION OF IRON AND STEEL IN CANADA

MARCH, 1932.

PIG IRON. - Production of pig iron in Canada during March totalled 17,989 tons which was the highest tonnage for any month of this year to date and marked the second month in succession that an increase has been reported. In February the output was 10,507 tons and in January it was 10,305 tons which was the low point for recent years. The rate of production in March amounted to 580 tons per day as compared with 362 tons per day in February, 352 tons per day in January and a daily average of 1,842 tons in March of a year ago.

Furnace charges during the month included 32,790 long tons of imported iron ore, 8,852 short tons of limestone and 18,637 short tons of coke. Of the total limestone 4,529 tons were quarried in Canada and all of the coke was produced in Canada from imported coal. For the year to date an aggregate of 64,672 tons of imported ore were smelted to make 38,801 tons of pig iron.

On March 2nd, one 300 ton furnace was blown in at Sault Ste. Marie, Ont., and remained in blast for the entire month with the result that two furnaces were operating on March 31. The active furnaces had a capacity of 850 long tons per day or about 20 per cent of the total capacity of iron blast furnaces in Canada and were located as follows: 1 at Hamilton, Ont., and 1 at Sault Ste. Marie, Ont.

FERRO-ALLOYS. - Production of ferro-alloys in Canada during March dropped to 1,295 tons from 1,431 tons in the next preceding month and compares with an output of 4,526 tons in March of last year. This month's tonnage consisted of two grades, i.e., ferrosilicon and ferromanganese.

STEEL INGOTS AND CASTINGS. For the third month in succession the production of steel ingots and direct steel castings in Canada registered an increase when output was reported at 43,572 tons in March. This tonnage was 53 per cent over the 28,469 tons of February and compares with 99,341 tons in March, 1931. The increase over last month was altogether accounted for by the advance in ingots to 42,460 tons from 27,286 tons while direct castings dropped slightly to 1,112 tons from 1,183 tons.

For the three months ending March 31, 1932, the cumulative production of primary steel amounted to 97,101 tons as against 239,576 tons in the corresponding period of 1931. This year's output included 87,933 tons of B.O.H. ingots, 5,884 tons of electric ingots, 1,075 tons of B.O.H. castings, 270 tons of convertor castings, and 1,939 tons of electric castings.

PRICES. - Such price changes as were recorded occurred chiefly in the rolling mill products group. A slight improvement in conditions was reflected in the expansion of plant operations in the early part of the month. Latterly, mention was made of new business which included orders for small tonnages of steel rails.

Prices of No. 1 and No. 2 foundry pig iron were unchanged at \$22.60 and \$22.10 per long ton at Toronto, and at \$23.80 and \$25.30 per long ton at Montreal. The Bureau's index number of "Iron and Its Products" moved down from 87.0 to 86.5, chiefly because of reduced quotations for automobile body plates, and of hot rolled and annealed steel sheets.

UNITED STATES. - "Extracts from the Iron Age." In the United States the production of pig iron during March fell to the lowest point since August. 1921, the daily rate of 31,201 tons having been only a little above the minimum of the 1921 depression, which was 27,889 tons daily in July of that year. Last month's loss, on a daily basis, was more than 6 per cent from February. During the month seven furnices were blown in and eleven were shut down or banked.

PIG IRON AND FERRO-ALLOYS IN CANADA

Table 1 - PRODUCTION FOR THE CURRENT AND PRECEDING MONTH (Tons of 2240 1b.)

	MA	and the second section of the second section of the second section of the second section secti	952		RUARY.	1952
ITSM	For	For	180 Company	For	For	min min
	oun use	sale	TOTAL	own use	sale	TOTAL
h blast furnace:						
Basic	. 17,117	0 7 0	17,117	7,671	0 0 0	7,67
Foundry		854	872	e • o	2,336	ಜ,3 86
Malleable		3 0 4	v - 4	4 + +	200	
TOTAL,	. 17,155	334	17,939	7,671	2,336	10,50
erro-alloys	6 9 9 9	1,295	1,295	2.3.9	1,431	1,433
Table 2 - CUMULATI		ON FOR THE		ITHS ENDING I	MARCH.	
·	1	9 - 8	2		3	1
ITEM	For	For		For	For	mag
	own use	sale	TOTAL	own use	sale	TOTAL
in blast furnace:						
Basic	. 24,783	500	24,738	112,491	40	112,53
Foundry	. 38	13,975	14,013	346	11,078	11,42
Malleable	and the second s	400	500	• • •	15,142	15,14
TOTAL	. 24,826	13,975	38,301	112,337	26,260	139,00
erro alloys		4,549	4,549	0 0 0	12,909	12,99
Table 3 - bLaST FU	RNACE CHARG	LS - MARCH	, FEBRUARY	AND YEAR TO	DATE	
			March	Februa	ry	YEAR TO
mported Iron ore	long t	ons Z	2,790	16,56	5	64,67%
anadian Limestone			4,529	4,50		13,236
CHECKET THE POST OF A						4
mported Limestone oke made in Canada:-		<u>:</u> 1	4,625	∵ •		4,500

Imported coke

STEEL INGOTS AND CASTINGS IN CANADA

Table 4 - PRODUCTION FOR THE CURRENT AND PRECEDING MONTH (Tons of 2240 lb.)

	M A	RCH	, 1932	FEB	RUARY.	1.932	
ITEM	For	For		For	For		-
	own use	sale	TOTAL	own use	sale	TOTAL	Die bestelltere bei 'n B
STEEL INGOTS:							
Open Hearth-Basic	40,781	107	40,888	24,948	143	25,091	
acid	266	e c 6			4 2 2	0 4 4	
Electric	1,572		1,572	2,195	0 0 D	2,195	
Other	0 0 0	41 e D	• • •	0 • •			
TOTAL STEEL INGOTS	42,353	107	42,460	27,143	145	27,286	
STEEL CASTINGS:							
Open Hearth - Basic	61	241	302	49	346	395	
Acia	• • •	0.00					
Bessemer	3	114	117	U * *	34	84	
Electric	16	677	693	28	676	704	
	10	011	000	70	010	104	
TOTAL DIRECT STEEL							
CASTINGS	80	1,032	1,112	77	1,106	1,183	reconstruction of the second o
GRAND TOTAL.	42,433	1,139	43,572	27,220	1,249	28,469	

Table 5 - CUMULATIVE PRODUCTION FOR THE THREE MONTHS ENDING MARCH.

	1	9	3 2	1	9 3	1	
ITEM	For	For		For	For		
Promote allow a contribute a fellower to propositely section 100 mm or 100 m	own use	sale	TOTAL	own use	sale	TOTAL	
STEEL INGOTS:							
Open Hearth - Basic	87,584	349	87,933	216,122	146	216,263	
Electric	5,884	0 0 0	5,884	8,123		8,123	
Other	***		\$ 0 A			0 C 0	
TOTAL STEEL INGOTS	93,468	349	93,817	224,245	146	224,391	
STEEL CASTINGS:							
Open Hearth - Basic	254	841	1,075	582	6,751	7,335	
Acid.	300	0 4 11	1 0 2	* * 2			
Bessemer	6	264	270	11	454	465	
Llectric	183	1,756	1,959	69	7,318	7,387	
CASTINGS	423	2,861	3,284	662	14,523	15,185	
GRAND TOTAL ,	93,891	5,210	97,101	224,907	14,669	239,576	
GRAND TOTAL ,	93,891	5,210	97,101	224,907	14,669	239,576	

Table 6 - AVERAGE MONTHLY PRODUCTION OF PIG IRON, STEEL INGOTS AND CASTINGS IN CANADA, 1916 - 1930.

(In 1000's of Long Tons)

Tron Steel Iron Steel 1916 87 106 1924 49 8 1917 87 130 1925 48 6 1918 89 140 1926 63 6 1919 68 77 1927	l medi	MONTHLY AVE	RAGE	YEAR	MONTHLY AVERAGE
1917 87 130 1925 , 48 68 68 77 1927 59	1 iuti	Iron St	eel	LDIII.	Iron Steel
1917 87 130 1925 48 68 1919 68 77 1927 59					
1.918 1.918 1.926 1.926 1.926 1.926 1.927 1.927 1.927 1.927 1.927 1.928 <td< td=""><td>1916</td><td> 37</td><td>106</td><td>1924 ,</td><td> 49 54</td></td<>	1916	37	106	1924 ,	49 54
1919 ,	1917		130	1925	.;; 48 ::::::: 63
1,920 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1.918	***************************************	140		
	1.91.9	, 68	77		
1921	1,920		92	1.928	36
	1921		56	1929	91
1922 32 40 1930	1922	• • • - 000000000000 32	40	1930	62 , 84
1925 73 74	1925		74		

Table 7 - PRODUCTION OF PIG TROW BY MONTHS AND BY PROVINCES, AND STEEL INGOTS AND CASTINGS BY MONTHS IN CANADA (In 1000's of Long Tons) 1931-1952

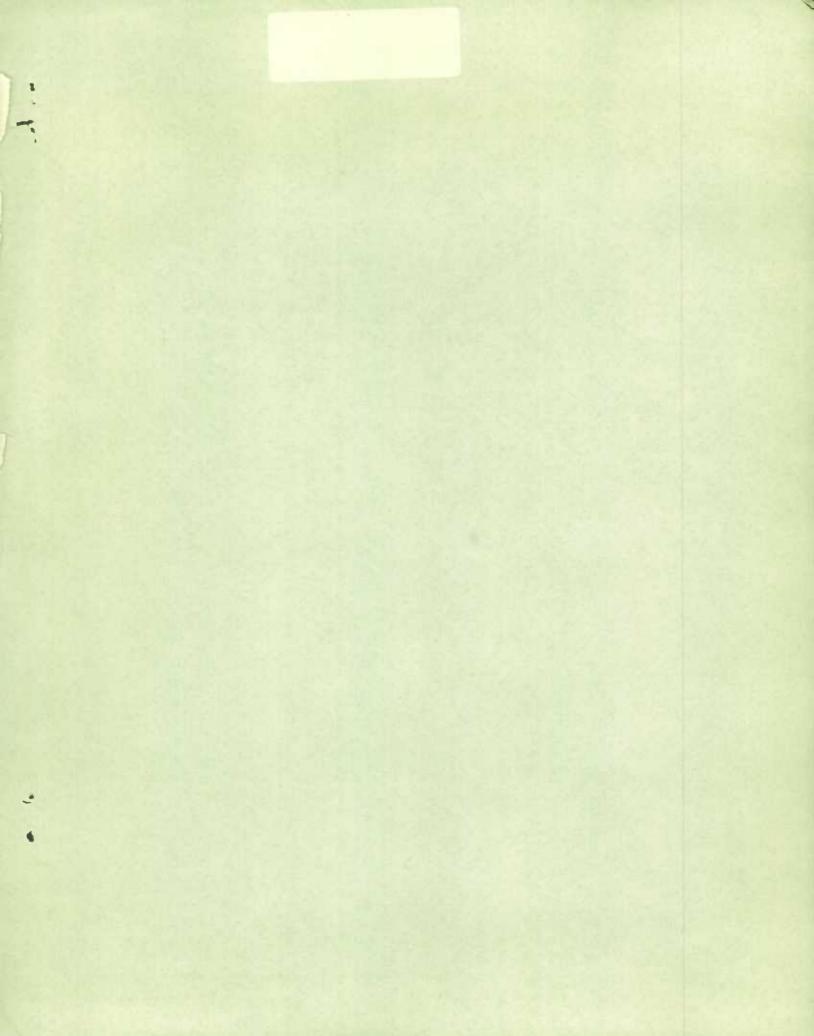
and the second s		arrived and the same and the sa	-	and the same of the same				and the same of th
		PI	G	IR	ON	:	STE	
Month	NOVA	SCOTIA	UNTAL	RJO	TOTAL	CANADA:	TOTAL	CANADA
	1931	1932	1.931	1932	1.931	1.932:	1931	1.952
the second contribution is a second to the second contribution and the second contribu								
	7.5		07	10	36	10	58	25
January .	1.5		21	10				
February	14		32	11	46	11	83	28
March	17		40	18	75	13	99	44
April	17		37		54		91.	
-	1.5		36		51		75	
May and and a second			41		56		56	
June	15							
July or or or	8		32		40		45	
August			23		23		52	
September	3.5		18		18		33	
October	, ,		12		12		31	
			14		14		28	
November							21	
December	n ,		14		14		. 61	
	pay of alphabetta site	-						
my obst	101		320	39	421	39	672	97
TOTAL	1.01		0.0	00	TNI		0110	
								the design of the last of the last
							~ ~	wy
MONTHLY AVERAGE	8		27	13	36	13	56	32

Table 8 - BLAST FURNACES IN CANADA, 1981.

Name of Company	Location	Number of Stacks	Total Daily Capacity (Long Tons)
British Empire Steel Corporation, Ltd.	Sydney, H.S.	4	1,450
Canadian Furnace Company, Ltd.	Port Colborne, Ont.	1	€80
The Steel Company of Canada, Ltd.	Hamilton, Ont.	2	825
Algoma Steel Corporation, Ltd.	Sault Ste. Marie, Ont.	4	1,600
	TOTAL	11	4,225

Table 9 - DESCRIPTION OF FURNACES AT END OF MARCH, 1932.

Condition of Furnace	Number of Furnaces	Total Daily	Capacity
	1 (41111000	Long tons	Per cent
In blast	Ž	850	دی
Banked	p · •	0 0 0	2 - 7
Blown out	9	5,575	80
Total furnaces reporting	11	4,225	100



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