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on

PRODUCTION OF IRON AND STEEL

in Canada

NOVEMBER 1932

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DOMINION BUREAU OF STATISTICS - CANADA

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PRODUCTION OF IRON AND STEEL IN CANADA

NOVEMBER, 1932

April when it amounted to 14,149 long tons in November. This output was the second in succession to show an increase over the figures of the preceding month and the tonnage was composed entirely of the basic grade intended for the further use of the producing company. No foundry iron has been made in Canada since August and no malleable iron since June.

Charges to iron blast furnaces during November included 25,238 long tons of imported iron ore, 10,622 short tons of imported limestone and 17,553 short tons of Canadian coke. For the year to date 203,608 tons of iron ore, 59,299 tons of limestone and 125,098 tons of coke were charged to Canadian blast furnaces to produce 117,099 tons of pig iron. During the first eleven months of last year production totalled 406,176 tons.

On November 30, 1932, one 550 ton iron blast furnace was operating in Canada. This active furnace was located at Sydney, N.S., and represented about 13 per cent of the total capacity of all the iron blast furnaces in Canada.

FERRO-ALLOYS - Output of ferro-alloys at 1,544 tons in November showed little change from the 1,599 tons of October. This month's tonnage consisted mostly of spiegeleisen and a small quantity of ferrosilicon.

STEEL INCOTS AND CASTINGS — Production of steel ingots and direct steel castings in Canada during November amounted to 37,088 tons. Excepting the 43,572 tons of March this was the highest output reported for any month of the year to date. The November figures include 36,279 tons of ingots as against 16,487 tons in October and 809 tons of castings as against 615 tons in the previous month.

For the eleven months ending November, 1932, the output aggregated 312,035 tons as against 650,118 tons and 955,642 tons made during the corresponding periods of 1931 and 1930, respectively. This year's total included 301,587 tons of ingots and 10,446 tons of direct castings.

PRICES Trade in iron and steel products continued light. Some new business was apparent in the early part of the month, chiefly on account of better demand from the mining industry, but this gradually tapered off. A better call for scrap steel was also noted. Quotations for No. 1 and No. 2 foundry pig iron, delivered at Montreal and Toronto, were the same as in the previous month. The former was quoted at \$23.80 and \$22.60 per gross ton, and the latter at \$23.30 and \$22.10 per gross ton, at these respective centres. The Bureau's index for Iron and Its Products rose from 85.8 in October to 86.0 in November, due chiefly to advances in the prices of automobile body plates, steel tank plates, and scrap steel.

PIG IRON AND FERRO-ALLOYS IN CANADA.

		EMBER,	RECEDING M		of 2,24 TOBE	
tem	For own	For		For own	For	
	use	sale	TOTAL	use	sale	TOTAL
n blast furnace:-						
Basic	14,149		14,149	6,731		6,731
Foundry	000		0 9 0			•••
Malleable	0 0 0	000	0		2 * *	0 0 0
TOTAL	14,149	5 + +	14,149	6,731	000	6,731
Ferro-alloys	100	1,444	1,544	0 4 3	1,599	1,599
Table 2 - CUMULATIVE F	PRODUCTION		EVEN MONTH	S ENDING NO		ons of 2,240
r.L	1	9 3	2	1	9 3	1
Item	For own	For sale	TOTAL	For own	For	Momar
	use	Serre	TOTAL	use	sale	TOTAL
In blast furnaces:-						
Basic	82,216	* 0 0	82,216	302,744	3,413	306,157
Foundry	000	21,057	21,057	718	72,005	72,723
Malleable	• • •	13,826	13,826	0 • •	27,296	27,296
TOTAL	82,216	34,883	117,099	303,462	102,714	406,176
Ferro-alloys	100	14,297	14,397	• • •	43,917	43,917
Table 3 - BLAST FURNAC	TE CHARGES	NOVEMBER	OCTOBER A	WD VEAR TO	DATE	
Zame o Daniel Tourista	of Official of	TO VIABBLET,			TOBER	YEAR TO DATE
	Maring Array allower who are allower and a second					
Imported iron ore				, 238 1	1,844	203,608
Canadian limestone				0 • •	2,784	34,501
Imported limestone		short	tons 10	,622	445	24,798
Coke made in Canada:						
From Canadian coal		short	tons 17	,555	1,071	18,624
From imported coal				0 0 0	6,115	106,474

Table 4 - PRODUCTION FOR THE	CURRENT MON	M B E R.	RECEDING N	ONTH (Ton	0 B E R,	1932
Item	For own	For	2007		For	
Toen	use	sale			sale	TOTAL
STEEL INCOTS						
Open hearth - Basic	34,243	• • •	34,243	15,197	000	15,197
Acid	0.00	0.00	9 076	1 200	80 *	1 200
Other	2,036	• • •	2,036	1,290		1,290
TOTAL STEEL INGOTS	36,279	003	36,279	16,487	3 3 6	16,487
STEEL CASTINGS						
Open hearth - Basic	51	208	259	0 3 0	131	131
Acid	0 0 0	000		• • •	200	2 2 3
Bessemer	5	36	41	2	41	43
Electric	2	507	509	8	433	441
TOTAL DIRECT STEEL						
CASTINGS	58	751	809	10	605	615
		753	37,088	16,497	605	17,102
GRAND TOTAL	36,337	751				
Table 5 - CUMULATIVE PRODUCT		aluguarus - ermandilli e e ega, erag egati i ildili era				1
	TION FOR THE 1 For own	ELEVEN M 9 3 For	ONTHS ENDI	ING NOVEMBE 1 For own	R. 9 3 For	1
Table 5 - CUMULATIVE PRODUCT	TION FOR THE	ELEVEN M 9 3 For	ONTHS END	ING NOVEMBE 1 For own	R. 9 3	
Table 5 - CUMULATIVE PRODUCT Item STEEL INGOTS Open hearth - Basic	For own use	ELEVEN M 9 3 For sale	ONTHS ENDI 2 TOTAL 285,247	For own use	R. 9 3 For sale	1 TOTAL 594,083
Table 5 - CUMULATIVE PRODUCT Item STEEL INGOTS	For own use	ELEVEN M 9 3 For sale	ONTHS ENDI 2 TOTAL	NG NOVEMBE 1 For own use	R. 9 3 For sale	1 TOTAL
Table 5 - CUMULATIVE PRODUCT Item STEEL INGOTS Open hearth - Basic Acid	For own use	ELEVEN M 9 3 For sale	ONTHS ENDING TOTAL 285,247	For own use	R. 9 3 For sale	1 TOTAL 594,083
Table 5 - CUMULATIVE PRODUCT Item STEFL INCOTS Open hearth - Basic Acid	FOR THE For own use 282,728 18,240	ELEVEN M 9 3 For sale	0 NTHS END) 2 TOTAL 285,247 18,240	NG NOVEMBE 1 For own use 593,040 23,928	P. 9 3 For sale	1 TOTAL 594,083 23,928
Table 5 - CUMULATIVE PRODUCT Item STEEL INGOTS Open hearth - Basic Acid Electric	For own use 282,728 18,240	ELEVEN M 9 3 For sale	ONTHS ENDI 2 TOTAL 285,247 18,240	NG NOVEMBE 1 For own use 593,040 23,928	P. 9 3 For sale	1 TOTAL 594,083 23,928
Table 5 - CUMULATIVE PRODUCT Item STEEL INGOTS Open hearth - Basic Acid TOTAL STEEL INGOTS STEEL CASTINGS Open hearth - Basic	For own use 282,728 18,240	ELEVEN M 9 3 For sale	ONTHS ENDI 2 TOTAL 285,247 18,240 301,587	1 For own use 593,040 23,928 616,968	R. 9 3 For sale 1,043 1,043	1 TOTAL 594,083 23,928 618,011
Table 5 - CUMULATIVE PRODUCT Item STEEL INGOTS Open hearth - Basic Acid TOTAL STEEL INGOTS STEEL CASTINGS Open hearth - Basic Acid	282,728 18,240 300,968	ELEVEN M 9 3 For sale 619 619	ONTHS ENDI 2 TOTAL 285,247 18,240 301,587	1 For own use 593,040 23,928 616,968	R. 9 3 For sale 1,043 1,043	1 TOTAL 594,083 23,928 618,011
Table 5 - CUMULATIVE PRODUCT Item STEFL INGOTS Open hearth - Basic Acid TOTAL STEFL INGOTS STEEL CASTINGS Open hearth - Basic Acid Bessemer	282,728 18,240 300,968	ELEVEN M 9 3 For sale 619 619 2,212 735	0 NTHS END) 2 TOTAL 285,247 18,240 301,587	593,040 23,928 616,968	R. 9 3 For sale 1,043 1,043	1 TOTAL 594,083 23,928 618,011 14,568 19 1,456
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Table 6 - AVERAGE MONTHLY PRODUCTION OF PIG IRON, STEEL INGOTS AND CASTINGS IN CANADA, 1916 - 1930.

(In 1000's of Long Tons)

Year	Monthly Average		Year	Monthly Average		
Tear.	Iron	Steel	Tear	Iron	Steel	
1916	87	106	1924	49	54	
1917	87	130	1925	48	63	
1.918	89	140	1926		64	
1919	68	77	1.927	59	76	
1920	81	92	1928	86	103	
1921	50	56	1929	91	115	
1922	32	40	1930		84	
1923	73	74				

Table 7 - PRODUCTION OF PIG IRON BY MONTHS AND BY PROVINCES, AND STEEL INCOTS AND CASTINGS BY MONTHS IN CANADA, 1931 and 1932. (In 1000's of Long Tons)

	appropriate and	PIG	I	R O N			STE	EL
Month	NOVA	SCOTIA	ONTA	RIO	TOTAL	CANADA	TOTAL	CANADA
	1931	1932	1931	1932	1.931	1932	1931	1932
January	15	000	21	10	36	10	58	25
February	14	000	32	11	46	11	83	28
March	17	000	40	1.8	75	1.8	99	44
April	17	0 2 5	37	17	54	17	91	36
May	15) > a	36	1.3	51	1.3	75	29
June	15	000	41	8	56	8	56	18
July ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	8	2 2 2	32	7	40	7	45	28
August	0 9 0	3.5.3	23	6	23	6	52	27
September	000	0 0 0	18	6	18	6	33	23
October	200	0 0 0	12	7	12	7	31	17
November	000	14	14	000	14	14	28	37
December	933		1.4		14		21	
TOTAL	101	14	320	103	421	11.7	672	312
MONTHLY AVERAGE	8	1	27	10	36	11	56	28

Name of Company	Location	Number of stacks	Total Daily Capacity (Long tons)
British Empire Steel Corporation Ltd.	Sydney, N.S.	4	1,450
Canadian Furnace Company Ltd.	Port Colborne, Ont.	1	350
The Steel Company of Canada, Ltd.	Hamilton, Ont.	2	825
Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ont.	4	1,600
Table 9 - DESCRIPTION OF FURNACES A Condition of furnace	Number of	Total Dail	
Condition of	Number of		
Condition of	Number of		
Condition of furnace	Number of furnaces L	ong tons	Per cer
Condition of furnace In blast	Number of furnaces La	ong tons 550	Per cer



