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CANADA

DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS

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OF STATISTICS

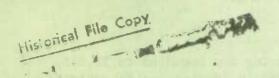
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Monthly Report

on

PRODUCTION OF IRON AND STEEL

in Canada

MAY 1932

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

MAY, 1932.

PIG IRON - Production of pig iron in Canada during May amounted to 13,339 long tons, which was slightly higher than the extreme lows in January and February of this year though somewhat lower than the next preceding month. The decrease from the April total of 16,898 tons was in the basic grade which declined to 7,068 tons from 9,471 tons and in malleable iron which dropped to 5,130 tons from 7,427 tons. Foundry iron produced in May totalled 1,141 tons as against none during April.

Blast furnace charges during the month included 24,162 long tons of imported iron ore, 7,417 short tons of limestone and 14,800 short tons of coke. Of the limestone, 3,385 tons were quarried in Canada and 4,032 tons were imported while all of the coke was carbonized in Canada from imported bituminous coal. For the five months ending May 31, 1932, a total of 118,893 tons of ore, 33,659 tons of limestone and 71,859 tons of coke were charged to iron blast furnaces in Canada to make 69,038 tons of pig iron.

During the month no new furnaces were blown in and none were banked or blown out with the result that the two furnaces which were active on April 30 were still in blast on May 31. The active furnaces had a capacity of 850 long tons a day, or about 20 per cent of the total capacity of all the 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 amounted to 1,132 tons in May, a decline of 48 per cent from the 2,185 tons in the next preceding month. For the year to date output totalled 7,866 tons as compared with 20,144 tons during the first five months of 1931.

STEEL INGOTS AND CASTINGS - Production of steel ingots and direct steel castings in Canada at 29,239 tons during May was 19 per cent under the 36,030 tons of April and 61 per cent less than the 75,235 tons reported for May of a year ago. The decline from the preceding month was mostly in the steel ingot grade which dropped to 28,326 tons from 35,030 tons and direct steel castings were also lower at 913 tons as against 1,000 tons in April. For the year to date, the total output of steel aggregated 162,370 tons as compared with 406,272 tons and 541,292 tons during the corresponding periodsof 1931 and 1930 respectively.

PRICES - Although price changes for iron and steel products were slight, conditions were reported somewhat better than in the previous month. This improvement in business was attributed chiefly to increased demand from the automobile industry. No. 1 and No. 2 foundry pig iron were unchanged at \$23.80 and \$23.30 per gross ton at Montreal, and at \$22.60 and \$22.10 per gross ton respectively, at Toronto. The Bureau's index for Iron and Its Products at 86.5 was the same as in the previous month, although minor gains were noted in quotations for automobile body plates, steel tank plates, and for hot rolled and annealed steel sheets.

UNITED STATES - "Iron Age." In the United States the rate of pig iron production in May was 25,276 long tons a day, a loss of 11 per cent from the April figure of 28,430 tons. The May figure was the lowest since August, 1897, when the daily production averaged 24,634 tons. During the month 10 furnaces were blown out or banked and 3 blown in, a net loss of 7. On June 1 there were 53 furnaces in operation as compared with 60 on May 1.

PIG IRON AND FERRO-ALLOYS IN CANADA

Table 1 - PRODUCTION FOR T	HE CURREN	lands.		NTH (Tons	of 2,240 R I I	
Item	For own use	For	TOTAL	For own use	For sale	TOTAL
In blast furnace:-						
Basic	7,068 73	1,068	7,068 1,141	9,471	• • •	9,471
Foundry		5,130	5,130	* # *	7,427	7,427
TOTAL	7,141	6,198	13,339	9,471	7,427	16,898
Ferro-alloys		1,132	1,132	• • •	2,185	2,185
Table 2 - CUMULATIVE PRODUC	TION FOR	THE FIVE	MONTHS EI	NDING MAY	(Tons of	2,240 lb.)
	1	9 3	2	1	9 3	1
	For			For	17	
Item	own	For sale	TOTAL	own	For sale	TOTAL
Basic	41,327	15,043 12,557 27,600	41,327 15,154 12,557 69,038	204,004 647 204,651	81 23,526 15,142 38,749	204,085 24,173 15,142 243,400
Ferro-alloys		7,866	7,866		20,144	20,144
Table 3 - BLAST F	URNACE C	HARGES, M.	AY, APRIL	AND YEAR T		EAR TO DATE
Imported iron ore	short	tons	24,162 3,385	30,05 4,03	5	118,893
Imported limestone	short	tons	4,032	4,64	8	13,003
Coke made in Canada:- From Canadian coal From imported coal			14,800	17,15		71,859
Imported coke			•••	•••		• • •

⁽x) Revised.

STEEL INGOTS AND CASTINGS IN CANADA

Table 4 - PRODUCTION FOR	THE CURRENT AND PRECEDING MON M A Y. 1932			NTHS (Tons of 2,240 lb.) A P R J L, 1932		
Item	For	For		For	For	
	own use	sale	TOTAL	own use	sale	TOTAL
STEEL INGOTS						
pen hearth - Basic	26,730.	• • •	26,730	33,521	163	33,684
lectric	1,596		1,596	1,346		1,346
ther THE THOOPE	20 700	•••	00 306	* • • • • · · · · · · · · · · · · · · ·	163	35,030
TOTAL STEEL INGCTS	28,326	0 0 0	28,326	34,867	100	33,030
STEEL CASTINGS			Service.			
pen hearth - Basic	2.9	175	204	40	168	208
essemer	54	19	73	4	75	79
lectric	15	621	636	21	692	71.3
TOTAL DIRECT STEEL CASTINGS	98	815	913_	65	935	1,000
RAND TOTAL	28,424	81.5	29,239	34,932	1.,098	36,030
				and the state of t		
Table 5 - CUMULATIVE PRO	DUCTION FOR	THE FIV		NDING MAY	9	3 1
	DUCTION FOR 1	THE FIV	VE MONTHS E	NDING MAY		3 1
Table 5 - CUMULATIVE PRO	DUCTION FOR	THE FIV	VE MONTHS E	NDJNG MAY 1 For	9 For	3 1
Table 5 - CUMULATIVE PRO	DUCTION FOR 1	THE FIV	VE MONTHS E	NDJNG MAY 1 For	9 For	3 1
Table 5 - CUMULATIVE PRO Item STEEL INGOTS Den Hearth - Basic Acid	DOUCTION FOR For own use 147,835	THE FIVE 9 1 OF sale 512	VE MONTHS E 3 2 TOTAL 148,347	NDJNG MAY 1 For own use 369,605	9 For sale	3 1 TOTAL 369,751
Table 5 - CUMULATIVE PRO It.em STEEL INGOTS pen Hearth - Basic Acid	DOUCTION FOR 1 For own use 147,835 8,826	THE FIV 9 For sale	VE MONTHS E 3 2 TOTAL 148,347 8,826	NDING MAY 1 For own use 369,605	9 For sale	3 1 TOTAL 369,751
Table 5 - CUMULATIVE PRO It.em STEEL INGOTS Open Hearth - Basic	DOUCTION FOR For own use 147,835	THE FIVE 9 1 OF sale 512	VE MONTHS E 3 2 TOTAL 148,347	NDING MAY 1 For own use 369,605 13,003	9 For sale	3 1 TOTAL 369,751 13,003
Table 5 - CUMULATIVE PRO Item STEEL INGOTS Pen Hearth Basic Acid Clectric	DOUCTION FOR 1 For own use 147,835 8,826	THE FIV 9 For sale	VE MONTHS E 3 2 TOTAL 148,347 8,826	NDING MAY 1 For own use 369,605 13,003	9 For sale	3 1 TOTAL 369,751 13,003
Table 5 - CUMULATIVE PRO Item STEEL INGOTS pen Hearth Basic Acid Acid TOTAL STEEL INGOTS STEEL CASTINGS pen Hearth - Basic	DOUCTION FOR 1 For own use 147,835 8,826	THE FIV 9 For sale	VE MONTHS E 3 2 TOTAL 148,347 8,826	NDING MAY 1 For own use 369,605 13,003	9 For sale	3 1 TOTAL 369,751 13,003
Table 5 - CUMULATIVE PRO Item STEEL INGOTS pen Hearth - Basic Acid TOTAL STEEL INGOTS STEEL CASTINGS pen Hearth - Basic Acid	DUCTION FOR 1 For own use 147,835 8,826 156,661	THE FIV 9 For sale 512 512	TOTAL 148,347 8,826 157,173	NDJNG MAY 1 For own use 369,605 13,003 382,608	9 For sale 146 146	3 1 TOTAL 369,751 13,003 382,754
Item STEEL INGOTS pen Hearth Basic Acid ther	DUCTION FOR 1 For own use 147,835 8,826 156,661	THE FIV 9 For sale 512 512	TOTAL 148,347 8,826 157,173	NDJNG MAY 1 For own use 369,605 13,003 382,608	9 For sale 146 146	3 1 TOTAL 369,751 13,003 382,754
Table 5 - CUMULATIVE PRO Item STEEL INGOTS pen Hearth Basic Acid Acid Item TOTAL STEEL INGOTS STEEL CASTINGS pen Hearth - Basic Acid essemer TOTAL DIRECT STEEL	DUCTION FOR 1 For own use 147,835 8,826 156,661 303 64 219	THE FIV 9 For sale 512 512 1,184 358 3,069	TOTAL 148,347 8,826 157,173	NDJNG MAY 1 For own use 369,605 13,003 382,608	9 For sale 146 146 9,447 669 12,441	3 1 TOTAL 369,751 13,003 382,754 10,284 690 12,544
Table 5 - CUMULATIVE PRO Item STEEL INGOTS pen Hearth Basic Acid Acid TOTAL STEEL INGOTS STEEL CASTINGS pen Hearth - Basic Acid Acid essemer	DUCTION FOR 1 For own use 147,835 8,826 156,661	THE FIV 9 For sale 512 512 1,184	TOTAL 148,347 8,826 157,173	NDJNG MAY 1 For own use 369,605 13,003 382,608	9 For sale 146 146	3 1 TOTAL 369,751 13,003 382,754

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
	Iron	Steel		Iron	Steel
1916	87	106	1924	49	54
1917	87	130	1925	48	63
1.918	89	140	1926	63	64
1919	68	77	1927	59	76
1920	81	92	1928	86	103
1921	50	56	1929	91	115
1922	32	40	1930	62	84
1923	73	74			

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

		PI	G I	RON			ST	EEL
Month	NOVA	SCOTIA	ONTA	RIO	TOTAL	CANADA	TOTAL	CANADA
	1931	1932	1931	1932	1931	1932	1931	1932
	3.5		0.3	10	7.0	10	F0	05
January	15		21	10	36	10	58	25
February	14	9 0	32	11	46	11	83	28
March	17		40	18	75	18	99	44
April	17		37	17	54	17	91	36
May	1.5	4.0	36	13	51	13	75	29
June	1.5		41		56		56	
July	8		32		40		45	
August	2.0		23		23		52	
September	2.0		18		18		33	
October	0.0		12		12		31	
November			3.4		14		28	
December			1.4		14		21	
TOTAL	101	• •	320	69	421	69	672	162
MONTHLY AVERAGE	8	0 0	27	1.4	36	14	56	32

Table 8 - BLAST FURNACES IN CANADA, 1931.

Name of Company	Location	Number of Stacks	Total Daily Capacity (Long tons)	_
British Empire Steel Corporation Ltd.	Sydney, N.S.	4	1,450	i
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 AT END OF MAY, 1932.

Condition of Furnace	Number of Furnaces	Total Dail Long tons	y Capacity Per cent
In blast	2	850	20
Banked	• • •		•••
Blown out	9	3,375	80
TOTAL FURNACES REPORTING	11	4,225	100

