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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

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PRODUCTION OF IRON AND STEEL

ın Canada

JUNE 1932

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DOMINION BUREAU OF STATISTICS - CANADA
Dominion Statistician's R. H. Coats, B.A., F.S.S.(Hon.), F.R.S.C.

Mining, Metallurgical and Chemical Branch Chief: W. H. Losce, B.Sc.

PRODUCTION OF IRON AND STEEL IN CANADA

JUNE, 1932.

PIG IRON - Production of pig iron in Canada at 8.163 long tons in June was the lowest reported for any month of the year to date, being 39 per cent under the 13,339 tons of May and 85 per cent below the corresponding total of 55,822 tons made in June of a year ago. The decline from May was mostly in the foundry and melleable grades with basic from showing little change. Basic from output amounted to 6,894 tons as against 7,068 tons, malleable from dropped to 1,269 tons from 5,130 tons, and no foundry from was made during the month under review as against 1,141 tons of this grade in May.

Furnace charges for June included 14,137 long tons of imported iron ore, 3,016 short tons of Canadian limestone, 728 short tons of imported limestone and 8,640 tons of coke which was made in Canada from imported bituminous coal. For the year to date 133,030 tons of ore, 37,403 tons of limestone and 80,499 tons of coke were charged to iron blast furnaces in Canada to make 77,201 tons of pig iron. Production for the first six months of last year totalled 299,222 tons.

During the month one furnace at Sault Ste. Marie, Ont., was blown out and one furnace at Hamilton, Ont., was banked, with the result that there were no iron furnaces in blast in Canada on June 30, 1932. The banked furnace has a capacity of 550 long tons a day or about 13 per cent of the total capacity of all the iron furnaces in Canada.

FERRO-ALLOYS - Production of ferro-alloys in Canada amounted to 895 tons in June as compared with 1,132 tons in May and 2,740 tons in June, 1931. For the six months ending June of this year output aggregated 8,759 tons as against 22,884 tons and 44,960 tons in the corresponding periods of 1931 and 1930, respectively.

STEEL INGOTS AND CASTINGS - Production of steel ingots and direct steel castings in Canada during June reflected the drop in pig iron and declined to 18,118 tons from 29.239 tons in the previous month. In June last year the tonnage was 55,605. The decline from May was altogether in the steel ingot grade which dropped to 17,183 tons from 28,326 tons, this loss being more than sufficient to offset the slight advance registered by direct steel castings to 935 tons from 913 tons. For the first half of this year the total for ingots and castings was 180,488 tons as compared with 461,877 tons and 636,613 tons during the corresponding periods of 1931 and 1930, respectively.

PRICES - The minor price changes recorded for iron and steel products were attributable largely to the exchange situation. Business was reported dull, being influenced to a great extent by inactivity in the building trades. The bulk of orders placed consisted of small spot tonnages, and plant operations were estimated to be in the neighbourhood of 35 per cent of capacity. No. 1 and No. 2 foundry pig iron were unchanged at \$22.60 and \$22.10 per gross ton at Toronto and \$23.80 and \$23.30 per gross ton, respectively, at Montreal. The Bureau's index

for "Iron and Its Products" rose from 86.5 to 86.6 owing principally to higher prices for steel tank plates, and hot rolled and annealed steel sheets.

UNITED STATES - In the United States the daily output of pig iron during June amounted to 20,935 tons, a loss of 17 per cent from the May average of 25,276 tons per day. During the month 8 furnaces were blown out or banked and 1 blown in, a net loss of 7. In the first six months of this year a total of 5,168,814 tons was produced which was less than half of the 11,105,373 tons made during the corresponding period of last year.

PIG IRON AND FERRU-ALLOYS IN CANADA

Table 1 - PRODUCTION FO					(tons of	
-	JUN		5			1932
Item	For own	For	momar	For own	For	TOTAL T
	use	sale	TOTAL	use	sale	TOTAL
In blast furnace:-						
Basic	6,894		6,894	7,068		7,068
Foundry				73	1,068	1,141
Malleable		1,269	1,269		5,130	5,130
TOTAL	6,894	1,269	8,163	7,141	6,198	13,339
Ferro-alloys		893	893		1,132	1,132
Table 2 - CUMULATIVE PR	ODECTION	FOR THE S	TX MONTH	S ENDING	JUNE: (to	as of 2,240 lb.)
LADIO L - COMCLATIVE II	1	9 3	2	1	9 3	1
Item	For own	For	2	For own	For	
* Cem	use	sale	TOTAL	use	sale	TOTAL
	ape	pare	101111	abe	Bare	101111
In blast furnace:						
Basic	48,221	000	48,221	241,984	81	242,065
Foundry	111	15,043	15,154	647	33,659	34,306
Malleable	000	13,826	13,826		22,851	22,851
TOTAL	48,332	28,869	77,201	242,631	56,591	299,222
Ferro-alloys		8,759	8,759		22,884	22,884
Table 3 - BLAST	FURNACE	CHARGES,	JUNE, MA	Y. AND YE	AR TO DATE	<u> </u>
			JU	NE	MAY	YEAR TO DATE
Imported iron ore	1	ong tons	14,	137	24,162	133,030
Canadian limestone	S	hort tons	3,	016	3,385	23,672
Imported limestone	S	hort tons		728	4,032	13,731
Coke made in Canada:						
From Canadian coal	S	hort tons	3		0 0 0	0 0 0
From imported coal				640	14,800	80,499
Imported coke						900
				AL PINE		

STEEL INGOTS AND CASTINGS IN CANADA

Cable 4 - PRODUCTION FOR T		I E. 19		MA	Y, 193	2.
Item	For own	For		For own	For	
	nse	sale	TOTAL	use	sale	TOTAL
CONTROL THOOSE						
STEEL INGOTS	15 860		15,860	26,730	2 0 0	26,730
Open hearth - Basic	15,860	• • •	10,000		• • •	
Electric	1,323		1,323	1,596		1,596
Other		222	•••			
TOTAL STEEL INGOTS	17,183		17,183	28,326		28,326
STEEL CASTINGS						
pen hearth - Basic	5	183	188	29	175	204
Acid				• • •		• • •
Bessemer	2	77	79	54	19	73
Electric	14_	654	668	15	621	636
TOTAL DIRECT STEEL	0.3	07.4	075	20	015	03.7
CASTINGS	21	914	935	98	815	913
GRAND TOTAL	17,204	914	18,118	28,424	815	29,239
MILLION TO CONTRACT OF STREET	71 6 14 7 2		209200	1909 2 10 2		
Table 5 - CUMULATIVE PRODU		THE SIX N	MONTHS END	FAMILIE		
	CTION FOR	9 3	MONTHS END	ING JUNE.	9 3	1
Table 5 - CUMULATIVE PRODU	CTION FOR	9 3 For	2	ING JUNE. 1 For own	For	1 TOTAL
	CTION FOR	9 3	2	ING JUNE. 1 For own		1 TOTAL
Item	CTION FOR	9 3 For	2	ING JUNE. 1 For own	For	1 TOTAL
Item STEEL INGOTS	CTION FOR 1 For own use	9 3 For sale	TOTAL	ING JUNE. 1 For own use	For sale	
Item	CTION FOR 1 For own use	9 3 For	2	ING JUNE. 1 For own use	For sale	420,762
STEEL INGOTS Open hearth - Basic	CTION FOR 1 For own use	9 3 For sale	TOTAL 164,207	For own use	For sale	420,762
STEEL INGOTS Open hearth - Basic Acid	CTION FOR 1 For own use	9 3 For sale	TOTAL 164,207 10,149	ING JUNE. 1 For own use 420,616 14,786	For sale	420,762
STEEL INGOTS Open hearth - Basic Acid	CTION FOR 1 For own use 165,695 10,149	9 3 For sale	TOTAL 164,207 10,149	ING JUNE. 1 For own use 420,616 14,786	For sale	420,762
STEEL INGOTS Open hearth - Basic Acid Electric Other TOTAL STEEL INGOTS	CTION FOR 1 For own use 165,695 10,149	9 3 For sale	TOTAL 164,207 10,149	ING JUNE. 1 For own use 420,616 14,786	For sale	420,762
STEEL INGOTS Open hearth - Basic Acid Electric Other TOTAL STEEL INGOTS STEEL CASTINGS	CTION FOR 1 For own use 163,695 10,149 173,844	9 3 For sale	TOTAL 164,207 10,149 174,356	ING JUNE. 1 For own use 420,616 14,786 435,402	For sale	420,762 14,786 435,548
STEEL INGOTS Open hearth - Basic Acid Electric Other TOTAL STEEL INGOTS STEEL CASTINGS Open hearth - Basic	CTION FOR 1 For own use 163,695 10,149 173,844	9 3 For sale	TOTAL 164,207 10,149	ING JUNE. 1 For own use 420,616 14,786 435,402	For sale	420,762 14,786 435,548
STEEL INGOTS Open hearth - Basic Acid Electric TOTAL STEEL INGOTS STEEL CASTINGS Open hearth - Basic Acid	1 For own use 165,695 10,149 173.844	9 3 For sale	TOTAL 164,207 10,149 174,356	ING JUNE. 1 For own use 420,616 14,786 435,402	For sale 146 146	420,762 14,786 435,548
STEEL INGOTS Open hearth - Basic Acid Electric Other TOTAL STEEL INGOTS STEEL CASTINGS Open hearth - Basic Acid Bessemer	1 For own use 165,695 10,149 173.844	9 3 For sale 512 512	TOTAL 164,207 10,149 174,356	ING JUNE. 1 For own use 420,616 14,786 435,402	For sale 146 146 10,596	420,762 14,786 435,548 11,538
STEEL INGOTS Open hearth - Basic Acid Electric Other TOTAL STEEL INGOTS STEEL CASTINGS Open hearth - Basic Acid Bessemer	1 For own use 165,695 10,149 173.844	9 3 For sale	TOTAL 164,207 10,149 174,356	ING JUNE. 1 For own use 420,616 14,786 435,402	For sale 146 146	420,762 14,786 435,548 11,538
STEEL INGOTS Open hearth - Basic Acid Other TOTAL STEEL INGOTS STEEL CASTINGS Open hearth - Basic Acid Bessemer Electric TOTAL DARECT STEEL	1 For own use 165,695 10,149 173,844 308 666 233	9 3 For sale 512 512 1,367 435 3,723	TOTAL 164,207 10,149 174,356 1,675 501 3,956	ING JUNE. 1 For own use 420,616 14,786 435,402	For sale 146 146 10,596 775 13,861	420,762 14,786 435,548 11,538 800 13,991
STEEL INGOTS Open hearth - Basic Acid Electric Other TOTAL STEEL INGOTS STEEL CASTINGS Open hearth - Basic Acid Bessemer	1 For own use 165,695 10,149 173.844	9 3 For sale 512 512	TOTAL 164,207 10,149 174,356	ING JUNE. 1 For own use 420,616 14,786 435,402	For sale 146 146 10,596	420,762 14,786 435,548 11,538

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

(In 1000's of Long Tons)

Year	MONT	HLY AVERAGE	Year	MONTHLY AVERAGE	
1601.	Iron	Steel	\$ GOLD	Iron	Steel _
1916	87 87 89 68 81 50 32 73	106 130 140 77 92 56 40 74	1924	49 48 63 59 86 91 62	54 63 64 76 103 115 84

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)

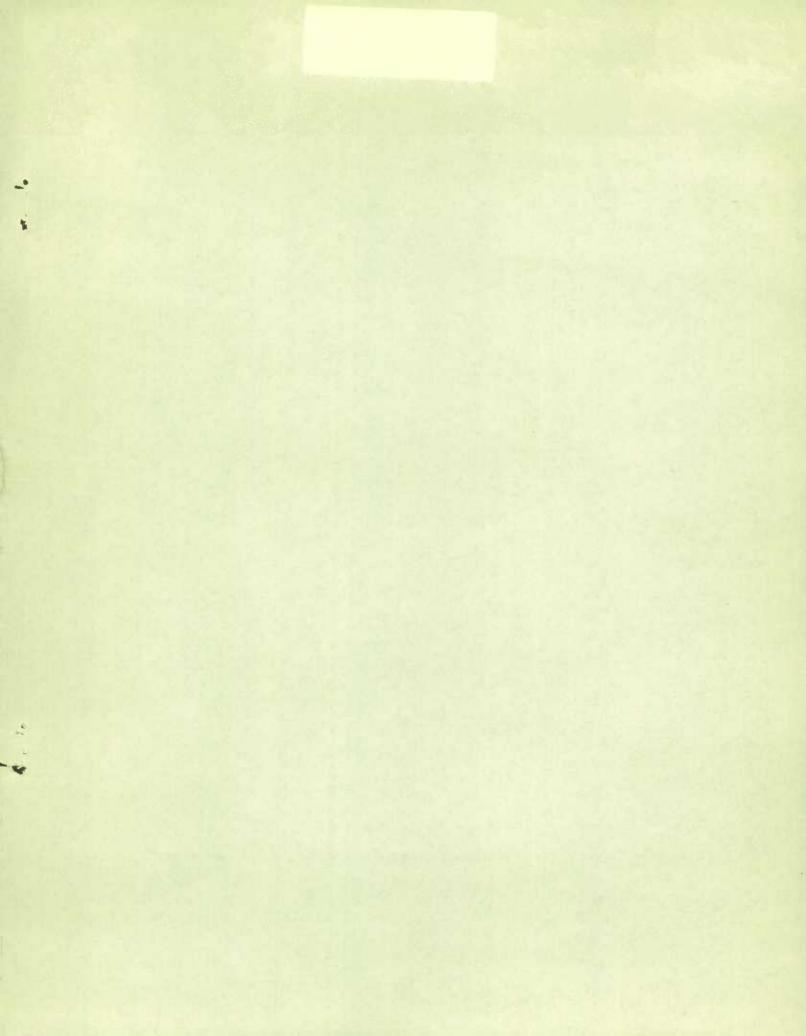
	P	IG	IR	ON			ST	EEL
Month	NOVA S	COTIA	ONT	ARIO	TOTAL	CANADA	TOTAL	CANADA
	1931	1932	1931	1932	1931	1.932	1931	1932
Tanasa	15		21	10	36	10	58	25
January	15							
February	14		32	11	46	11	83	28
March	17		40	18	75	18	99	44
April	17		37	17	54	17	91	36
May	15		36	13	51	13	75	29
June	15		41	8	56	8	56	18
July	8		32		40		45	
August			23		23		52	
September			18		18		33	
-	• •		12		12		31	
October	• •							
November			14		14		28	
December			14		14		21	
TOTAL	101		320	77	421	77	672	180
MONTHLY AVERAGE	8		27	13	36	13	56	30

Table 8 - BLAST FURNACES IN CANADA, 1931.

Location	Number of Stacks	Total Daily Capacity (Long tons)
Sydney, N.S.	4	1 _e 450
Port Colborne, Ont	. 1	35 0
Hamilton, Ont.	2	825
Sault Ste.Marie, On	t. 4	1,600
	Sydney, N.S. Port Colborne, Ont. Hamilton, Ont.	Sydney, N.S. 4 Port Colborne, Ont. 1 Hamilton, Ont. 2

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

Condition of Furnace	Number of Furnaces	Total Dail:	Y Capacity Per cent
In blast	0	0	0
Banked	1	550	13
Blown out	10	3,675	87
TOTAL FURNACES REPORTING	11	4,225	100



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