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Monthly Report

on

## PRODUCTION OF IRON AND STEEL

in Canada

OCTOBER 1932

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DOMINION BUREAU OF STATISTICS - CANADA

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## PRODUCTION OF IRON AND STEEL IN CANADA

## OCTOBER, 1932.

PIG IRON - Production of 6,731 long tons of pig iron in Canada during October marked the first gain in output since March and was 15 per cent over the 5,709 tons of September. Tonnages for both September and October were altogether made up of the basic grade for the further use of the producers. No malleable or foundry iron for use or for sale was made in either month.

Iron blast furnace charges during the 31 days of October included 11,844 long tons of imported iron ore, 3,229 short tons of limestone and 7,186 short tons of coke. Of the limestone, 2,784 tons were quarried in Canada and all of the coke was carbonized in Canada, including 1,071 tons from Canadian mined coal.

On October 18 one 550 ton furnace was blown out at Hamilton, Ontario, and on October 28 one 550 ton furnace was blown in at Sydney. N.S., with the result that one 550 ton furnace was in blast in Canada on October 31. This 550 ton furnace represented 13 per cent of the total capacity of all the iron blast furnaces in Canada.

FERRO-ALLOYS - Production of 1,599 tons of ferro alloys in Canada during October was more than double the 732 tons of the previous month and compares with 1,912 tons reported for October of a year ago,

STEEL INGOTS AND CASTINGS—Output of steel ingots and direct steel castings in Canada at 17,102 tons in October was 26 per cent under the total of 23,139 tons reported for September. The decline was mostly in steel ingots which dropped to 16,487 tons from 22,278 tons while steel castings were also slightly lower at 615 tons as against 861 tons. For the ten months ending October 51, 1932, output of primary steel aggregated 274,945 tons to compare with a total of 625,781 tons for the first ten months of last year.

PRICES Market conditions pertaining to iron and steel products remained about the same as in recent months. Demand continued for small tonnages, but some business, in prospect of considerable size, was reported. Quotations for No. 1 and No. 2 foundry pig iron were unchanged, the former being quoted at \$22.60 per gross ton delivered at Toronto, and at \$23.80 per gross ton delivered at Montreal. The latter was \$22.10 and \$23.30 per gross ton at these respective centres. The Bureau's index number for "Iron and Its Products" changed fractionally from 85.9 to 85.8, price reductions for steel tank plates, automobile body plates, and galvanized sheets outweighing slight advances for scrap steel.

UNITED STATES — In the United States the October production of pig iron at 20,800 tons a day represented an increase of 5.3 per cent over the daily average of 19,753 tons in the previous month which in turn exceeded the August rate of 17,115 tons a day by 15.4 per cent. During the month 2 furnaces were banked and 4 blown in, a set gain of 2 active furnaces.

## PIG IRON AND FERRO-ALLOYS IN CANADA

	the same of the sa	B E R, 193	6	the same of the sa	EMBER	, 1932
tem	For own use	For	TOTAL	For own use	For	TOTAL
n blast furnace:						
n brast runace						
Basic		0 0 0	6,731	5,709	• • •	5,709
Foundry		0 3 0	0 0 0	0 0 0	0 • •	
TOTAL		909	6,731	5,709		5,709
erro-alloys		1,599	1,599		732	732
able 2 - CUMULATIVE	PRODUCTION	FOR THE THE S	en months en	NDING OCTOBER	(Tons of	2,240 lb.)
tem	For own	For		For own	For	
	use	sale	TOTAL	use	sale	TOTAL
n blast furnaces:-						
Basic		0 0 0	68,067	294,989	3,413	298,402
Foundry		21,057	21,057	718	65,468	66,186
Malleable		13,826	13,826	**;	27,296	27,296
TOTAL	68,067	34,883	102,950	295,707	96,177	391,884
erro-alloys	300	12,853	12,853	5 0 0	42,006	42,006
	JACE CHARGES		Conmount	AND WEAD ON F	ATE	
able 3 - BLAST FURN	AOE CIAROPE	, OUTODEA,	OCTOBE		R YEAR	TO DATE
able 3 - BLAST FURN	WOE CHARGE	, OCTOBER,			R YEAR	TO DATE
imported iron ore		long to	OCTOBE	R SIJAN E.		.78,370
imported from ore	, a a a u u u a a a a a a	long to	0CTOBE	9,614 4 2,601		178,370 34,501
imported from ore	, a a a u u u a a a a a a	long to	0CTOBE	9,614 4 2,601		.78,370
imported iron ore anadian limestone . imported limestone .	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	long to	0CTOBE	9,614 4 2,601		178,370 34,501
imported iron ore anadian limestone . imported limestone .		long to short	0CTOBE	9,614 2,601		178,370 34,501
Imported iron ore Canadian limestone Coke made in Canada: From Canadian coal From imported coal Imported coke		short	0CTOBE	9,614 4 2,601 5		178,370 34,501 14,176

Table 4 - PRODUCTION FOR THE	יייוים מסחים	DAY REPORT A STEE	PRECEDING	MONTH (Tons	of 2 240	1b.)
	COUNTRINT	MONTH AND	THEORDING	MONTH / TOTAL	OI NONTO	
		OBER,	1932	SEP	TEMBEI	R, 1932
Item Fo:	r own	For		For own	For	
1	use	sale	TOTAL	use	sale	TOTAL
OFFICE TRACES						
STEEL INGOTS						
Open hearth - Basic 1	5,197	000	15,197	20,183		20,183
	200	9 9 9	209201	209200	000	200
	1,290		1,290	2,095	3 9 9	2,095
	200	000	390	000	000	0 * 5
	6,487	4	16,487	22, 278	0 0 0	22,278
STEEL CASTINGS						
			1,347			
pen hearth - Basic	0 * *	131	131	8	195	203
Acid	0 + 4	000	0 0 0	• • •	* * *	000
Bessemer	2	41	43	1	54	55
Electric	8	433	441	11	592	603
			27.5	500	0.47	0.07
TOTAL DIRECT STEEL	7.0				841	861
CASTINGS	10	605	615	20	0.71	001
CASTINGS						
GRAND TOTAL	6,497	605	17,102	22,298	841	23,139
GRAND TOTAL	6,497 ON FOR 7	605 THE TEN MO 9 3	17,102	22,298 G OCTOBER 1	9, 3 1	23,139
GRAND TOTAL	ON FOR T	605  THE TEN MO 9 3  For	17,102 MTHS ENDIN 2	22,298  G OCTOBER  1  For own	9, 3 1 For	23,139
CASTINGS	6,497 ON FOR 7	605 THE TEN MO 9 3	17,102 MTHS ENDIN 2	22,298  G OCTOBER  1  For own	9, 3 1	23,139
CASTINGS	ON FOR T	605  THE TEN MO 9 3  For	17,102 MTHS ENDIN 2	22,298  G OCTOBER  1  For own	9, 3 1 For	23,139
CASTINGS	ON FOR T	605  THE TEN MO 9 3  For	17,102 MTHS ENDIN 2	22,298  G OCTOBER  1  For own	9, 3 1 For	23,139
CASTINGS	ON FOR T	605  THE TEN MO 9 3  For	17,102 MTHS ENDIN 2	22,298  G OCTOBER  1  For own use	9, 3 1 For	23,139
CASTINGS	ON FOR Tor own use	605 THE TEN MO 9 3 For sale	NTHS ENDIN 2 TOTAL	22,298  G OCTOBER  1  For own use	9, 3 1 For sale	23,139 TOTAL
CASTINGS	ON FOR Tor own use	605  THE TEN MO  9 3  For sale  619	NTHS ENDIN 2 TOTAL 249,104	22,298  G OCTOBER  1  For own use  568,230	9, 3 1 For sale	23,139 TOTAL 569,183
CASTINGS	ON FOR The or own use	605  THE TEN MO  9 3  For sale	17,102  NTHS ENDIN 2  TOTAL  249,104	22,298  GOCTOBER  1  For own use  568,230	9, 3 1 For sale	23,139  TOTAL  569,183
CASTINGS	ON FOR The state of the state o	605  THE TEN MO 9 3  For sale	17,102  NTHS ENDIN 2  TOTAL  249,104 16,204	22,298  G OCTOBER  1  For own use  568,230 21,543	9, 3 1 For sale	23,139  TOTAL  569,183 21,543
CASTINGS	ON FOR The state of the state o	605  THE TEN MO 9 3  For sale	17,102  NTHS ENDIN 2  TOTAL  249,104 16,204	22,298  G OCTOBER  1  For own use  568,230 21,543	9, 3 1 For sale	23,139 TOTAL 569,183 21,543
CASTINGS	ON FOR The state of the state o	605  THE TEN MO 9 3  For sale	17,102  NTHS ENDIN 2  TOTAL  249,104 16,204	22,298  G OCTOBER  1  For own use  568,230 21,543	9, 3 1 For sale	23,139  TOTAL  569,183 21,543
CASTINGS	ON FOR 7 lor own use  8,485 6,204 4,689	605  THE TEN MO  9 3  For sale  619	17,102  NTHS ENDIN 2  TOTAL  249,104 16,204 265,308	22,298  G OCTOBER  1  For own use  568,230 21,543 589,773	9, 3 1 For sale  953 953	23,139  TOTAL  569,183 21,543 590,726
CASTINGS	ON FOR The state of the state o	605  THE TEN MO 9 3  For sale	17,102  NTHS ENDIN 2  TOTAL  249,104 16,204	22,298  G OCTOBER  1  For own use  568,230 21,543	9, 3 1 For sale  953 953	23,139  TOTAL  569,183 21,543 590,726
CASTINGS	ON FOR The state of the state o	605  THE TEN MO 9 3  For sale  619  2,004	17,102  NTHS ENDIN 2  TOTAL  249,104  16,204  265,308	22,298  GOCTOBER  1 For own use  568,230 21,543 589,773	9, 3 1 For sale  953 953	23,139  TOTAL  569,183 21,543 590,726
CASTINGS	ON FOR 7 ON FOR 7 Or own use 8,485 6,204  4,689	605  THE TEN MO  9 3  For sale  619  619  2,004	17,102  NTHS ENDIN 2  TOTAL  249,104  16,204  265,308	22,298  G OCTOBER  1 For own use  568,230 21,543 589,773	9, 3 1 For sale  953 953 12,953 19 1,325	23,139  TOTAL  569,183 21,543 590,726
CASTINGS	ON FOR The state of the state o	605  THE TEN MO 9 3  For sale  619  2,004	17,102  NTHS ENDIN 2  TOTAL  249,104  16,204  265,308	22,298  GOCTOBER  1 For own use  568,230 21,543 589,773	9, 3 1 For sale  953 953	23,139  TOTAL  569,183 21,543 590,726
CASTINGS	6,497  ON FOR 7  or own use  8,485 6,204 4,689	605  THE TEN MO  9 3  For sale  619  619  2,004 699 6,214	17,102  NTHS ENDIN 2  TOTAL  249,104  16,204  265,308  2,372  768 6,497	22,298  G OCTOBER  1 For own use  568,230 21,543 589,773	9, 3 1 For sale  953 953 12,953 19 1,325 17,253	23,139  TOTAL  569,183 21,543 590,726  14,231 19 1,360 17,445
CASTINGS	ON FOR 7 ON FOR 7 Or own use 8,485 6,204  4,689	605  THE TEN MO  9 3  For sale  619  619  2,004	17,102  NTHS ENDIN 2  TOTAL  249,104  16,204  265,308	22,298  G OCTOBER  1 For own use  568,230 21,543 589,773	9, 3 1 For sale  953 953 12,953 19 1,325	23,139  TOTAL  569,183 21,543 590,726
CASTINGS	6,497  ON FOR 7  or own use  8,485 6,204 4,689	605  THE TEN MO  9 3  For sale  619  619  2,004 699 6,214	17,102  NTHS ENDIN 2  TOTAL  249,104  16,204  265,308  2,372  768 6,497	22,298  G OCTOBER  1 For own use  568,230 21,543 589,773	9, 3 1 For sale  953 953 12,953 19 1,325 17,253	23,139  TOTAL  569,183 21,543 590,726  14,231 19 1,360 17,445

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

(In 1000's of Long Tons)

Vaen	MONTHLY AVERAGE		Year	MONTHLY AVERAGE		
Year	Iron	Steel	TGST.	Iron	Steel	
1036	87	306	3004	AD.	F.A.	
1916	87	106 130	1924	49 48	54 63	
1918	89	140	1926	63	64	
1919	68	77	1927	59	76	
1920	81	92	1928	86	103	
1923		74	1300 000	0%	04	
1921 1922 1923	50 32 73	56 40 74	1929	91 62	115 84	

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)

	P	I G	IR	0 N			ST	EEL
Month	NOVA SC	the company of the co	OMTAR	IO	TOTAL	CANADA	TOTAL	CANADA
	1931	1932	1931	1932	1931	1932	1931	1932
January	15	8 9 9	21	10	36	10	58	25
February	14	000	32	11	46	11	83	28
March	17	000	40	18	75	18	99	44
April	17	0 0 0	37	17	54	17	91	36
May	15	000	36	13	51	13	75	29
June	15	2 318 B	41	8	56	8	56	18
uly	8	000	32	7	40	7	45	28
August	000	000	23	6	23	6	52	27
September		300	18	6	18	6	33	23
October		300	12	7	12	7	31	17
November	0 9 0		14		14		28	
December	000		14		14		21	
TOTAL	101	0 0 0	320	103	421	103	672	275
MONTHLY AVERAGE	8	·> \$ &	27	10	36	10	56	27

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
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 OCTOBER, 1932.

Condition of	Number of	Total Dail	Total Daily Capacity			
Furnace	Furnaces	Long tons	Per cent			
In blast	1	550	13			
Banked	•••	• • •				
Blown out	10	3,675	87			
TOTAL FURNACES REPORTING .	11	4,225	100			

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