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DOMINTON BUREAU OF STATISTICS - CANADA
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PRODUCTION OF TRON AND STEEL, IN CANADA OCTOBER, 1933

PIG IRON - Production of pig iron in Canada totalled 27,002 long tons in October as compared with 30,738 tons in the previous month and 6,731 tons in October 1932. This month's figures included 25,659 tons of basic iron and 1,343 tons of foundry iron.

Blast furnace charges during the month included 48,535 long tons of imported iron ore, 16,210 short tons of limestone and 29,081 short tons of coke. Of the limestone 3,761 tons were quarried in Canada and of the coke 27,978 tons were carbonized in Canada, including 18,689 tons from Canadian coal. The balance of the limestone and the coke was imported.

For the first ten months of this year the cumulative production of pig iron in Canada amounted to 160,872 tons as against 102,950 tons in the corresponding period of a year ago. This year's tennage included 140,025 tons of basic iron compared with 68,067 tons of this grade made during the first ten months of a year ago.

FERRO-ALLOYS - October production of ferro-alloys in Canada rose sharply to 9,563 tons, from the September total of 2,033 tons. Output consisted largely of the spiegeleisen grade along with a comparatively small tonnage of ferrosilicon.

STEEL INGOTS AND CASTINGS - Production of steel ingots and direct steel castings in Canada advanced 25 per cent during October to a total of 48,496 tons. Output in the previous month was reported at 38,630 tons and in October of a year ago at 17,102 tons. The increase over September was altogether in steel ingots which rose to 47,230 tons from 37,090 tons while the tonnage of steel castings dropped to 1,266 tons from 1,540 tons.

For the ten months ending October the production of steel ingots and castings totalled 315,325 tens. During the corresponding periods of 1932 and 1931 output was reported at 274,945 tens and 623,781 tens, respectively.

PRICES Only occasional slight advances were recorded for iron and steel products. Mills were reported as having operated fairly steadily at about 50 p.c. capacity and volume of business increased although orders for small spot tonnages still predominated. As in the previous month, the bulk of orders were furnished by mines but an increased demand from railways was also apparent. The Dominion Bureau of Statistics index number of wholesale prices on the base 1926=100 rose from 86.2 in September to 86.3 in October, due principally to higher prices for hot rolled and annealed steel sheets and timplate. Quotations for No 1 and No. 2 foundry pig iron were unchanged from the previous month. The former was quoted at \$22.00 per gross ton delivered at Montreal and at \$20.50 per gross ton delivered at Toronto. The latter quoted on the same basis was \$22.00 and \$20.00 per gross ton at these respective centres.

UNITED STATES - Output of coke pig iron in the United States averaged 43,754 tons a day in October, a drop of 13.7 per cent from the daily rate of 50,742 tons in September. During the month fifteen furnaces were blown out or banked and four lighted, a net loss of eleven active furnaces.

(a) PIG IRON AND FERRO-ALLOYS IN CANADA

Table 1 - Production	for the	e Current	and	Preceding	Month (Tons of	2,240	lb.)
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	OCTO	B E R. 19	33	SEPTE	MBER,	1933
Item	For own use	For sale	TOTAL	For own use	For sale	TOTAL
In blast furnace:- Basic Foundry Malleable	25,659	1,343	25,659 1,343	23,773	69 5 6,270	24,468 6,270
TOTAL	25,659	1,343	27,002	23,773	6,965	30,738
Ferro-alloys		9,563	9,563	400	2,033	2,033

Table 2 - Cumulative Production for the Ten Months ending October (Tons of 2,240 lb.)

	1	9 3	3	1	9 3	2
Item	For own use	For sale	TOTAL	For own use	For sale	TOTAL
In blast furnace:-						
Basic	127,381	12,644	140,025	68,067	40	68,067
Foundry	-	12,335	12,335		21,057	21,057
Malleable	and of	8,512	8,512	A Co. September 11 September 12 September 12 September 12 September 13 September 13 September 14	13,826	13,826
TOTAL	127,381	33,491	160,872	68,067	34,883	102,950
Ferro-alloys	_	20,758	20,758	*****	12,853	12,853

Table 3 - Blast Furnace Charges, October, September, and Year to Date, 1933.

	October, 1933	September, 1933	Year to Date
Imported iron ore long ton	48,535	53,789	279,374
Canadian limestone short ton Imported limestone short ton	3,761 12,449	3,726 13,976	14,615 77,464
Coke made in Canada -			
From Canadian coal short ton	18,689	17,942	100,798
From imported coal short ton	9,289	8,859	46,312
Imported Coke short ton	1,103	7,271	27,151

(b) STEEL INGOTS AND DIRECT CASTINGS							
Table 4 - Production for th	e Current	Month a	nd Preceding	g Month (T	ons of	2,240 lb.)	
	OCTO	ВЕК,	1933			R, 1933	
Item	For own	For	TOTAL	For own	For	TOTAL	
	use	sale		use	sale		
STEEL INGOTS							
Open hearth - Basic	45,773	87	45,860	35,859	_	35,859	
Acid	-	-		cores	-	_	
Electric	1,370	-	1,370	1,231	_	1,231	
Other TOTAL STEEL INGOTS	47,143	87	47,230	37,090	_	77 000	
	41,140	01	41,200	37,090		37,090	
STEEL CASTINGS	F.F.	017	000	4.0	450	usanin dal	
Open hearth - Basic	55	211	266		472	514	
Bessemer.		60	60		13	13	
Electric	24	916	940	18	995	1,013	
TOTAL DIRECT STEEL CASTING	S 79	1,187	1,266	60	1,480	The state of the s	
GRAND TOTAL	47,222	1,274	48,496	37,150	1,480	38,630	
m 1 2 F 0 2 1 1 1 m							
Table 5 - Cumulative P	roduction	for the	Ten Months	ending Oc	tober.	3 2	
Item	For own	For	<i>D</i>	For own	For		
	use	sale	TOTAL	use	sale	TOTAL	
STEEL INGOTS							
Open hearth - Basic	287,812	117	287,929	248,485	619	249,104	
Electric	14,148	-	14,148	16,204	-	16,204	
Other	703 000	225	200.000	-	web		

TOOM	use	sale	TOTAL	use use	sale	TOTAL	
STEEL INGOTS							
Open hearth - Basic	287,812	117	287,929	248,485	619	249,104	
Acid Electric Other	14,148		14,148	16,204	orm.	16,204	
TOTAL STEEL INGOTS		117	302,077	264,689	619	265,308	Aut
STEEL CASTINGS							
Open hearth - Basic	249	3,787	4,036	368	2,004	2,372	
Acid		904	670	~		-	
Bessemer Electric	276	224 8,704	232 8,980	69 283	699	768 6,497	
TOTAL DIRECT STEEL CASTING		12,715	13,248	720	8,917	9,637	
GRAND TOTAL	302,493	12,832	315,325	265,409	9,536	274,945	

Table 6 - Average Monthly Production of Pig Iron, Steel Ingots and Castings in Canada, 1916-1931. (In 1000's of long tons)

Tears	Monthly	Average	Years	Monthly	Monthly Average		
g Ball Balleshe Bad.	Iron Steel		Tearp	Iron	Steel		
1916	87	106	1924	49	54		
1917	87	130	1925	48	63		
1918	89	140	1926	63	64		
1919	68	77	1927	59	76		
1920	81	92	1928	86	103		
921	50	56	1929	91	115		
922	32	40	1930	62	84		
923	73	74	1931	36	56		

Table 7 - Production of Pig Iron by Months and by Provinces, and Steel Ingots and Castings by Months in Canada, 1932 and 1953. (In 1000's of long tons)

		P	I G	I	R O N		ST	EEL
Months	NOVA	SCOTIA	OI	TALIO	TOTAL	CANADA	TOTAL	CANADA
	1932	1933	1932	1933	1932	1933	1932	1933
January		16	10	13	10	29	25	41
February		6	11	_	11	6	28	12
March			18	***	18	_	44	11
April	_	-	17	_	17		36	12
May		-	13	-	13	***	29	23
June	-	1	8	wing	8	1	18	32
July		16	7	16	7	32	28	49
August	_	16	6	19	6	35	27	49
September	-	16	6	15	6	31	23	38
October	-	17	7	10	7	27	17	48
November	14		16	v=0	14	-	37	-
December	16		11		27		31	
TOTAL	30	88	114	73	144	161	343	315
Monthly Average	2	9	10	7	12	16	29	31

Table 8 - Blast Furnaces in Canada, 1933.

Name of Company	Location	Number of stacks	Total Daily Capacity (Long tons)
British Empire Steel Corp. Ltd. Canadian Furnace Co. Ltd.	Sydney, N.S. Port Colborne, Ont.	4	1,450 350
The Steel Company of Canada, Ltd. Algoma Steel Corp. Ltd.	Hamilton, Ont. Sault Ste. Marie, Ont.	£ 4	825 1,600

Table 9 - Description of Furnaces at end of October, 1933.

Condition of furnace	Number of	Total Daily Capacity			
ound of farmace	furnaces	Long tons	Per cent		
In blast	3	1,175	28		
Banked	1.	450	11		
Blown out	7	2,600	61		
TOTAL FURNACES REPORTING	11	4,225	100		

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

