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# CANADA

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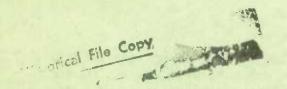
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Monthly Report

on

## PRODUCTION OF IRON AND STEEL

in Canada

**JULY 1932** 

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DOMINION BUREAU OF STATISTICS CANADA
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### PRODUCTION OF IRON AND STEEL IN CANADA.

#### JULY, 1932.

PIG IRON - Production of pig iron in Canada at 7,317 long tons in July was off 10 per cent from the 8,163 tons of June and compares with the 40,303 tons produced in July of a year ago. This month's output consisted entirely of basic iron, as against 6,894 tons of this grade and 1,269 tons of malleable iron in the previous month.

Iron blast furnace charges during July included 13,102 long tons of imported iron ore, 3,092 short tons of limestone from Canadian quarries, and 7,327 tons of coke all of which was made in Canada from imported bituminous coal. For the first seven months of this year 146,132 tons of ore, 87,826 tons of coke and 40,495 tons of limestone were charged to iron blast furnaces in Canada to make 84,518 tons of pig iron During the corresponding period of 1931 the output of pig iron totalled 339,525 tons and in 1930 it amounted to 515,862 tons

One furnace at Hamilton, Ontario, which was banked during June, blew in during July to make one active furnace in Canada on July 31. This furnace had a capacity of 550 long tons a day or about 13 per cent of the total capacity of all the iron blast furnaces in Canada.

FERRO ALLOYS - Output of ro alloys in July totalled 892 long tons making a total of 9,651 tons for the seven months ending July Last year the July figure was 3,262 tons and the seven months total was 26,146 tons.

STEEL INGOTS AND CASTINGS—Production of steel ingots and castings in Canada at 27,506 tons in July showed an increase for the first month in four when it recovered from the low for the year to date of 18,118 tons in June—This improvement was accounted for by an advance in the tonnage for both grades—The principal gain was in steel ingots to 26,356 tons from 17,183 tons, and steel castings were also higher at 1,150 tons in July as against 935 tons in the previous month

For the first seven months of this year the output of primary steel totalled 207,394 tons as compared with 506,974 tons and 705.037 tons during the corresponding periods of 1931 and 1930, respectively. Included in the 1932 figures were 200,712 tons of ingots and 7,282 tons of castings.

PRICES Only minor price changes characterized the iron and steel products group during July. Orders for small spot tonnages continued, with little new business in sight. Plant operations were estimated at between 15 per cent and 20 per cent of capacity. No. 1 and No. 2 foundry pig iron were unchanged at #22.60 and \$22.10 per gross ton, delivered at Toronto, and \$23.30 per gross ton respectively, delivered at Montreal. The Bureau's index number for Tron and Its Products" on the base 1926 100, moved down from 86.6 in June to 86 4 in July, due chiefly to price recessions for automobile body plates and steel sheets

UNITED STATES In the United States the daily output of pig iron in July averaged 18,461 tons, a loss of nearly 12 per cent from the 20,935 tons made during each day of June. The total number of furnaces in operation on August 1 was unchanged from the 46 active on July 1, as 5 furnaces were blown in during the month to balance the 5 blown out or banked.

# PIG IRON AND FERRO ALLOYS IN CANADA

	PIG IR	UN AND FER	KU ALLUIS	IN CANADA		
Table 1 PRODUCTION	FOR THE CUR	RENT AND P	RECEDING MO	ONTH (tons	f 2,240 1	b.)
	JU	L Y, 193	2	JU		932
Item	For own	For	MO MAY	For own	For	EDOMAT.
	use	sale	TOTAL	use	sale	TOTAL
In blast furnace:						
Basic	7,317	500	7,317	6,894		6,894
Foundry	0 0 0	000	0 = 6	⊕ ○ ♥	2 0 0	0 0 0
Malleable	0 0 3	500	0 0 0	0 0 0	1,269	1,269
TOTAL	7,31.7	0	7,317	6,894	1,269	8,163
Ferro-alloys	0.0	892	892	U + 0	893	893
Table 2 CUMULATIVE	PRODUCTION		EVEN MONTHS	ENDING JULY		2,240 lb.)
	1 9	3 2		1	9 3	1
Item	For own	For	mo m . r	For own	For	mo ma r
	use	sale	TOTAL	use	sale	TOTAL
In blast furnaces						
III MIGDO IMIIIOGA						
Basic	55,538	000	55,538	260,062	1,952	262,014
Foundry	111	15,043	15,154	647	49,743	50,390
Malleable	000	13,826	13,826	030	27,121	27,121
TOTAL	55,649	28,869	84,518	260,709	78,816	339,525
Ferro-alloys	ر د ب	9,651	9,651	0.0.0	26,146	26,146
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Table 3 BLAST FURNA	CE CHARGES	JIII. Y. JIII.	E AND YEAR	R TO DATE		
Table 3 BLAST FURNACE CHARGES, JULY, JUNE, AND YEAR TO DATE						
			JULY	JUI	NE YEA	R TO DATE

	JULY	JUNE	YEAR TO DATE
Imported iron ore	13,102 3,092	14,137 3,016 728	146,132 26,764 13,731
Coke made in Canada:			
From Canadian coal short tons From imported coal short tons Imported coke short tons	7,327	8,640	87,826

# STEEL INGOTS AND CASTINGS IN CANADA

	J				N E,	
tem	For own	For	TOTAL	For own	For	TOTAL
	use	sale	TOTAL	use	sale	TOTAL
STEEL INGOTS						
pen hearth - Basic	25,051	4 • 0	25,051	15,860	000	15,860
Acid	1,305	000	1,305	1,323	0 0 0	1,323
TOTAL STEEL INGOTS	26,356	300	26,356	17,183		17,183
STEEL CASTINGS						
pen hearth - Basic	31.	236	267	5	183	188
Acid	G -3 B	0 8 0	0 0 0		> · ·	70
essemer	19	84 780	84 799	2 14	77 654	79 668
TOTAL DIRECT STEEL CASTINGS			and the second s	21	914	935
UADIINUD,	50	1,100	1,150	- AL	914	900
					1	
				17,204		
able 5 - CUMULATIVE PRODU	CTION FOR I	THE SEVEN	v months e	NDING JULY.	9 .3	18,118
	CTION FOR 1	THE SEVEN	N MONTHS E	NDING JULY.  1  For own		
able 5 - CUMULATIVE PRODU	CTION FOR T	THE SEVEN	N MONTHS E	NDING JULY.  1  For own	9 .3 For	1
able 5 - CUMULATIVE PRODU  tem  STEEL INGOTS  pen hearth - Basic	CTION FOR TO THE TOT OWN USE	THE SEVEN L 9 3 For sale	N MONTHS EN 2 TOTAL 189,258	NDING JULY.  1  For own  use  461,347	9 .3 For sale	1 TOTAL 461,720
able 5 - CUMULATIVE PRODU  tem  STEEL INGOTS  pen hearth Basic  Acid	CTION FOR TO THE TOTAL OF THE T	THE SEVEN	N MONTHS E 3 2 TOTAL 189.258 11,454	NDING JULY.  1 For own use  461,347 16,606	9 .3 For sale	1 TOTAL 461,720
able 5 - CUMULATIVE PRODU  tem  STEEL INGOTS  pen hearth Basic  Acid	CTION FOR The for own use 188,746	THE SEVENT SALE	N MONTHS E 3 2 TOTAL 189.258 11,454	NDING JULY.  1  For own  use  461,347	9 .3 For sale	1 TOTAL 461,720
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able 5 - CUMULATIVE PRODU  tem  STEEL INGOTS  pen hearth Basic Acid  Iectric  TOTAL STEEL INGOTS  STEEL CASTINGS  pen hearth Basic	CTION FOR 3  For own use  188,746  11,454  200,200	THE SEVENT SALE  512  1,603	MONTHS E 3 2 TOTAL 189.258 11,454 200,712	NDING JULY.  1 For own use  461,347 16,606 477,953	9 .3 For sale 373  373	1 461,720 16,606 478,326
able 5 - CUMULATIVE PRODU  tem  STEEL INGOTS  pen hearth Basic	CTION FOR 3  For own use  188,746  11,454  200,200	For sale  512  1,603	MONTHS E 3 2 TOTAL 189.258 11,454 200,712	NDING JULY.  1 For own use  461,347 16,606  477,953	9 .3 For sale  373 373	1 TOTAL 461,720 16,606 478,326
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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)

	MONTHLY AVERAGE			MONTHLY	MONTHLY AVERAGE	
Year	Iron	Steel	Year	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	
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)

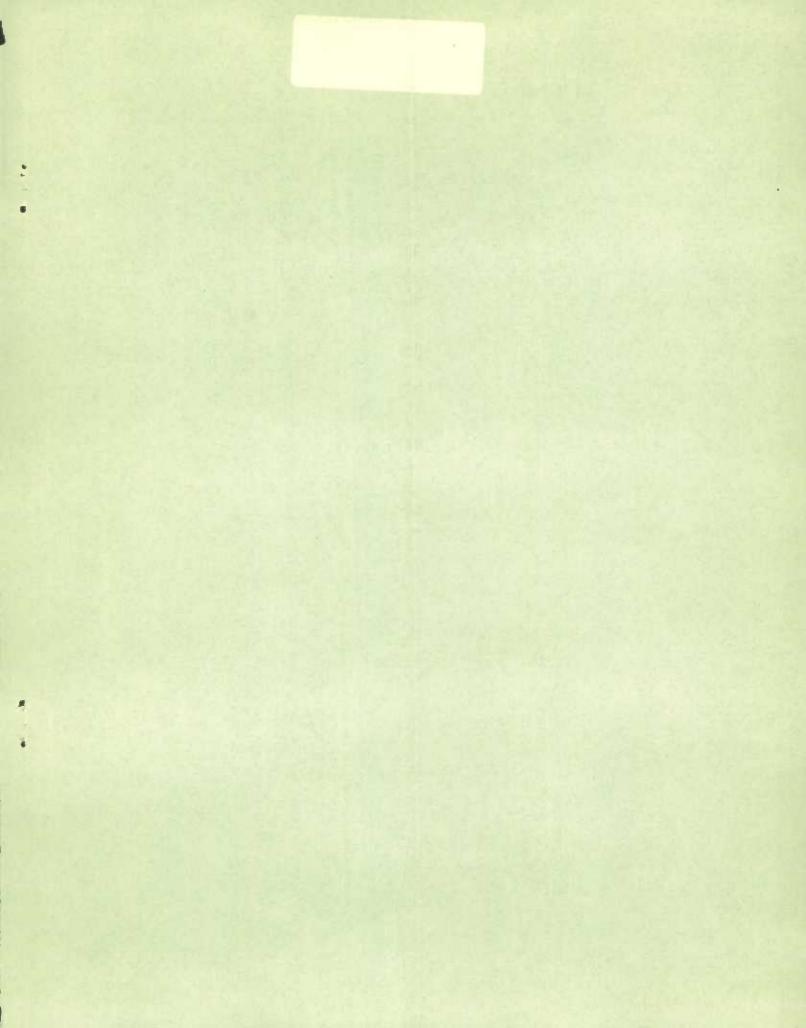
		P	I G	IR	ON		ST	EEL
Month	NOVA S	SCOTIA	ONTA	RIO	TOTAL	CANADA	TOTAL	CANADA
	1931	1932	1931	1932	1931	1932	1931	1932
			BIREY.					TO ALL MAN
January	15	000	21	10	36	10	58	25
February	14		32	11	46	11	83	28
March	17	000	40	18	75	18	99	44
April	17	0 8 9	37	17	54	17	91	36
May	15		36	13	51	13	75	29
June	15		41	8	56	8	56	18
July	8		32	7	40	7	45	28
August	u c		23		23		52	
September	0.0		18		18		33	
October	9 9		12		12		31	
November	2 4		14		14		28	
December			14		14		21	
TOTAL	101	400	320	84	421	84	672	208
MONTHLY AVERAGE	8	3 6	27	12	36	12	56	30

TABLE 8 - BLAST FURNACES IN CANADA, 1931.

Neme 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 JULY, 1932.

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



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