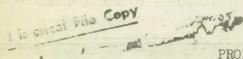
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## MONTHLY PEPORT

### PRODUCTION OF IRON AND STEEL IN CANADA

#### AUGUST, 1938

PIG IRON - Production of pig iron in Canada totalled 49,477 long tons in August compared with 51,238 tons made in the previous month and 74,578 tons in August, 1937.

During the month, 88,558 long tons of iron ore, 49,669 short tons of coke and 24,503 short tons of limestone were charged to iron blast furnaces in Canada, making total charges for the first eight months of the year of 894,174 tons of ore, 500,216 tons of coke, and 253,283 tons of limestone. From these materials a total of 504,873 tons of pig iron was produced. During the first eight months of last year pig iron production was reported at 578,258 tons.

FERRO-ALLOYS - Output of ferro-alloys amounted to 1,857 tons in August against 4,129 tons in July and 9,913 tons in August, 1937. Ferrosilicon made up the bulk of this month's tonnage, the balance being ferromanganese.

STEEL INGOTS AND CASTINGS - Production of steel ingots and direct castings amounted to 82,781 tons in August. In the previous month output was reported at 83,927 tons and in August of a year ago at 126,695 tons.

For the eight months ending August, 1938, the cumulative production was 837,449 tons against 962,840 tons made in the corresponding period of a year ago.

PRICES - The most noteworthy change in prices of iron and steel products occurred in scrap steel which advanced \$1.00 per gross ton between July and August. Trade in iron and steel products was generally light, with the volume of orders said to be about at the lowest level for the year. Operations of steel mills were maintained at around 80 per cent of capacity due largely to the filling of considerable backlogs but pig iron production continued to be affected by the summer holiday season. Buying was chiefly in small spot tonnages although considerable contracts were said to be pending. The Dominion Bureau of Statistics index number of wholesale prices of "Iron and Its Products" on the base 1926 - 100 rose from 97.8 in July to 98.0 in August, chiefly due to higher quotations for scrap steel. Foundry pig iron (base silicon 2.25) delivered at Montreal was unchanged at \$24.00 per long ton. This same grade delivered at Toronto remained at \$23.00 per long ton.

UNITED STATES - In the United States production of pig iron in August on a daily basis went up 23.8 per cent over that in July, or to 48,193 tons from 38,767 tons a day. During the month sixteen furnaces were put in blast and four blown out or banked, a net gain of twelve active furnaces.

# (a) PIG IRON and FERRO-ALLOYS

Table 1 - PRODUCTION DURING							
		AUGUST, 1938			JULY, 1938		
	For own			For own	For		
	use	sale	TOTAL	use	sale	TOTAL	
PIG IRON -							
Basic	30,205	8,430		45,658		45,658	
Foundry	9 9 9		7,448		149	149	
Malleable	000	3,394	3,394	0 0 0	5,431	5,431	
TOTAL	30,205	19,272	49,477	45,658	5,580	51,238	
Ferro-alloys	0 0 0	1,857	1,857	a a a	4,129	4,129	
Table 2 - CUMULATIVE PRODUCTION FOR THE EIGHT MONTHS ending AUGUST, 1938 and 1937.  (Tons of 2,240 pounds)							
	1	9 3	The same of the sa	1	9 3	7	
	For own	For	0	For own	For		
			TOTAL		sale	TOTAL	
PIG IRON -	use	29TG	TOTAL	use	Sare	TOTAL	
Basic	407,104	12 376	419,480	446,540	21,173	467,713	
Foundry	401,104		41,335	40,040		68,203	
	582			1,642		42,342	
Malleable	the same of the sa					the state of the s	
TOTAL	407,686			448,222	130,036	578,258	
Ferro-alloys	0 6 0	39,145	39,145	000	47,816	47,816	
Table 3 - IRON BLAST FURNACI	CHARGES	DURING A	UGUST, JU	LY, and Y	EAR TO DA	TE.	
Eliza e i de la companya de la compa	Jnit	AUG	UST	JULY	YEAR	TO DATE	
		the same of the sa	STREET,		And the second of the second of	The state of the s	
Imported iron ore Lo Coke Sh Limestone Sh	nort ton	49,	558 66 <b>9</b> 503	89,744 49,756 23,399	50	4,174 0,216 3,283	
Coke Sh		49,			50		
Coke Sh	nort ton	49,	669	49,756 23,399	50	0,216	
Coke Sh	nort ton nort ton (b) STEFL	49, 24, INGOTS	669 503 and CASTI	49,756 23,399 NGS	50 25	0,216 3,283	
Coke Sh	nort ton nort ton (b) STEEL GUST and J	49, 24, INGOTS ULY, 193	669 503 and CASTI 8. (T	49,756 23,399 NGS ons of 2,	50 25 240 pound	0,216 3,283 s)	
Coke Sh	nort ton nort ton (b) STEEL GUST and J	49, 24, INGOTS ULY, 193 UGUST, 1	669 503 and CASTI 8. (T	49,756 23,399 NGS ons of 2,	50 25	0,216 3,283 s)	
Coke Sh	nort ton nort ton (b) STEEL GUST and J	49, 24, INGOTS ULY, 193 UGUST, 1 For	669 503 and CASTI 8. (T	49,756 23,399 NGS ons of 2,	50 25 240 pound JULY, 193	0,216 3,283 s)	
Coke Sh	(b) STEEL GUST and J For own	49, 24, INGOTS ULY, 193 UGUST, 1 For	669 503 and CASTI 8. (T	49,756 23,399 NGS ons of 2,	50 25 240 pound JULY, 193 For	0,216 3,283 s)	
Table 4 - PRODUCTION FOR AUC STEEL INGOTS -	(b) STEEL GUST and J For own use	49, 24, INGOTS ULY, 193 UGUST, 1 For sale	669 503 and CASTI 8. (T 938	49,756 23,399 NGS ons of 2, For own use	50 25 240 pound JULY, 193 For	0,216 3,283 s) 8 TOTAL	
Coke Sh  Limestone Sh  Table 4 - PRODUCTION FOR AUC  STEEL INGOTS - Open hearth - Basic	(b) STEEL GUST and J For own use 74,572	49, 24, INGOTS ULY, 193 UGUST, 1 For sale	669 503 and CASTI 8. (T 938 TOTAL 74,572	49,756 23,399 NGS ons of 2, For own use 75,151	240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151	
Coke Sh  Limestone Sh  Table 4 - PRODUCTION FOR AUC  STEEL INGOTS -  Open hearth - Basic  Electric	(b) STEEL GUST and J For own use 74,572 3,914	49, 24, INGOTS ULY, 193 UGUST, 1 For sale	669 503 and CASTI 8. (T 938 TOTAL 74,572 3,914	49,756 23,399 NGS ons of 2, For own use 75,151 3,597	240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151 3,597	
Coke Sh  Limestone Sh  Table 4 - PRODUCTION FOR AUC  STEEL INGOTS - Open hearth - Basic Electric Other	(b) STEEL GUST and J For own use 74,572 3,914	49, 24, INGOTS ULY, 193 UGUST, 1 For sale	669 503 and CASTI 8. (T 938 TOTAL 74,572 3,914	49,756 23,399 NGS ons of 2, For own use 75,151 3,597	240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151 3,597	
Table 4 - PRODUCTION FOR AUC  STEHL INCOTS -  Open hearth - Basic  Electric Other TOTAL STEFL INCOTS	(b) STEEL GUST and J For own use 74,572 3,914	49, 24, INGOTS ULY, 193 UGUST, 1 For sale	669 503 and CASTI 8. (T 938 TOTAL 74,572 3,914	49,756 23,399 NGS ons of 2, For own use 75,151 3,597	240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151 3,597	
Coke Sh  Limestone Sh  Table 4 - PRODUCTION FOR AUC  STEEL INGOTS -  Open hearth - Basic Electric Other TOTAL STEEL INGOTS  STEEL CASTINGS -	Tor own use 74,572 3,914 78,486	49, 24, INGOTS ULY, 193 UGUST, 1 For sale	669 503 and CASTI 8. (T 938 TOTAL 74,572 3,914 78,486	49,756 23,399 NGS ons of 2, For own use 75,151 3,597 78,748	240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151 3,597 78,748	
Coke Sh  Limestone Sh  Table 4 - PRODUCTION FOR AUC  STEEL INGOTS - Open hearth - Basic Electric Other TOTAL STEEL INGOTS  STEEL CASTINGS - Open hearth - Basic	Tor own use 74,572 3,914 78,486	49, 24, INGOTS ULY, 193 UGUST, 1 For sale	669 503 and CASTI 8. (T 938 TOTAL 74,572 3,914 78,486	49,756 23,399 NGS ons of 2, For own use 75,151 3,597 78,748	50 25 240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151 3,597 78,748	
Table 4 - PRODUCTION FOR AUC  STEEL INGOTS - Open hearth - Basic Electric Other TOTAL STEEL INGOTS  STEEL CASTINGS - Open hearth - Basic Bessemer	rort ton hort hort hort hort hort hort hort hort	49, 24, INGOTS ULY, 193 UGUST, 1 For sale	669 503 and CASTI 8. (T 938 TOTAL 74,572 3,914  78,486	49,756 23,399 NGS ons of 2, For own use 75,151 3,597 78,748	240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151 3,597 78,748	
Coke Sh  Limestone Sh  Table 4 - PRODUCTION FOR AUC  STEEL INGOTS - Open hearth - Basic Electric Other TOTAL STEEL INGOTS  STEEL CASTINGS - Open hearth - Basic Bessemer Electric	Tor own use 74,572 3,914 78,486	49, 24, INGOTS ULY, 193 UGUST, 1 For sale	669 503 and CASTI 8. (T 938 TOTAL 74,572 3,914 78,486	49,756 23,399 NGS ons of 2, For own use 75,151 3,597 78,748	50 25 240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151 3,597 78,748	
Table 4 - PRODUCTION FOR AUC  STEHL INCOTS - Open hearth - Basic Electric Other TOTAL STEFL INCOTS STEEL CASTINGS - Open hearth - Basic Bessemer Electric TOTAL DIRECT STEEL	Tor own use  74,572 3,914  78,486	49, 24, INGOTS ULY, 193 UGUST, 1 For sale 1,117 46 2,784	669 503 and CASTI 8. (T 938 TOTAL 74,572 3,914  78,486 1,211 46 3,038	49,756 23,399 NGS ons of 2, For own use 75,151 3,597 78,748 107 424	240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151 3,597 78,748 1,645 61 3,473	
Coke Sh  Limestone Sh  Table 4 - PRODUCTION FOR AUC  STEEL INGOTS - Open hearth - Basic Electric Other TOTAL STEEL INGOTS  STEEL CASTINGS - Open hearth - Basic Bessemer Electric	rort ton hort hort hort hort hort hort hort hort	49, 24, INGOTS ULY, 193 UGUST, 1 For sale	669 503 and CASTI 8. (T 938 TOTAL 74,572 3,914  78,486	49,756 23,399 NGS ons of 2, For own use 75,151 3,597 78,748	240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151 3,597 78,748	
Coke Sh Limestone Sh  Table 4 - PRODUCTION FOR AUC  STEEL INCOTS - Open hearth - Basic Electric Other TOTAL STEEL INCOTS  STEEL CASTINGS - Open hearth - Basic Bessemer Electric TOTAL DIRECT STEEL	Tor own use  74,572 3,914  78,486	49, 24, INGOTS ULY, 193 UGUST, 1 For sale 1,117 46 2,784	669 503 and CASTI 8. (T 938 TOTAL 74,572 3,914 78,486 1,211 46 3,038 4,295	49,756 23,399 NGS ons of 2, For own use 75,151 3,597 78,748 107 424	240 pound JULY, 193 For sale	0,216 3,283 s) 8 TOTAL 75,151 3,597 78,748 1,645 61 3,473	

		-3-					
Table 5 - CUMULATIVE PRODUCT	ION FOR TH		MONTHS er	nding AUG	UST, 193	3 and 19	37.
	The state of the s	9 3 8			1 9 3	7	
	For own	For	Mom 17	For own	For	TO FLAT	
CENTY TYLOODS	use .	sale.	TOTAL	use	sale	TOTAL	
STEEL INGOTS -	755 546	9/17	755,793	875,647	160	875,80	7
Open hearth - Basic	755,546 41,408	247	41,408	39,030	100	39,03	
Other	11,100		419100	00,000	• • •		
TOTAL STEEL INGOTS	796,954	247	797,201	914,677	160	914,83	
STEEL CASTINGS -					11124 171		
Open hearth - Basic	1,258	12,489	13,747	1,522	17,487	19,00	9
Bessemer		434	434	14.1	664	66	4
Electric	4,595	21,472	26,067	4,131	24,199	28,33	50
TOTAL DIRECT STEEL							
CASTINGS	5,853	34,395	40,248	5,653	42,350	48,00	3
GRAND TOTAL	802,807	34,642	837,449	920,330	42,510	962,84	0
Table 6 - AVERAGE MONTMLY PH	ODUCTION O	F PIG IF	ON, STEEL	INGOTS	and CAST	INGS IN	- LUC:0
	16 - 1937.						
The state of the s	hly Averag		ar			Average	
Iron	Stee	1			Iron	Steel	**************************************
1916 87	106	19	27		59	76	
1917 87	130	19	28		86	103	
1918 89	140	19	29		91	115	
1919 68	77		30		62	84	
1920 81	92		31	9999	36	56	
1921 50	56		32		12	29	- 100
1922 32	40		33		19	34	
1923 73	74		35		34 50	63 78	
1924 49 1925 48	54 63		N / O		56	93	
1926	64		936		75	117	
1000	· · · · · · · · · · · · · · · · · · ·						erina y mar e najmenje
Table 7 - PRODUCTION OF PIG							and
CASTINGS, BY MONT	HS, 1937 a	nd 1938. PIG	IRON	LUUU's of	long to		T
Nonth	IOVA SCOTIA	approximate repaid to the second	TARIO	TOTAL C		S T E E TOTAL CA	
	.937 1938	the second second second second	and the second s	the state of the s	1938:	1937	1938
	1000	100	2000	2001	2000		
January	28 29	38	46	66	75	115	112
February	25 24	37	37	62	61	112	99

CASTINGS, BY	MONTHS,	1937 and	1938.	(In 1	.000's o	f long t	ons)	
Therefore recognises regist (Community of Community of Co			I.G.	IRON		:	STEE	L
Month	NOVA	SCOTIA	ONTA	RIO	TOTAL (	CANADA:	TOTAL C	ANADA
	1937	1938	1937	1938	1937	1938:	1937	1938
January	28	29	38	46	66	75	115	112
February	25	24	37	37	62	61	112	99
March	29	28	42	38	71	66	125	119
April	28	28	40	38	68	66	121	116
May	27	29	51	43	78	72	121	115
June	27	19	51	45	78	64	119	109
July	26	13	54	38	80	51	123	84
August	26	14	49	35	75	49	127	83
TOTAL FOR EIGHT MONTHS	216	184	362	320	578	504	963	837
September	26		50		76		115	
October	25		56		81		115	
November	27		54		81		111	
December	28		53	agencies compressed and the sales of the sales of	81		98	The later the care disper
TOTAL FOR YEAR	322		575		897		1,402	

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## Table 8 - IRON BLAST FURNACES IN CANADA, 1937.

Names of Companies	Location of Furnaces	To Number of CC Stacks (L					
Dominion Steel and Coal Corp. Ltd.	Sydney, N.S.	3	1,200				
Canadian Furnace Limited	Port Colborne, Ont.	ļ	350				
The Steel Company of Canada, Limited	Hamilton, Ont.	2	825				
The Algoma Steel Corporation	Sault Ste. Marie, Ont	. 4	1,600				
apparatustant de gr. p. progregorogenetationale de progregorogenetation de de l'apparatus de la company de l'apparatus de l'ap		Since the second					
Table 9 - DESCRIPTION OF FURNACES AT END OF AUGUST, 1938.							
Condition of	Number of	Total Dail	y Capacity				
furnaces	furnaces		Per cent				
In blast	4	1,825	46				
Banked Blown out	6	2,150	54				
Total Furnaces Reporting	10	3,975	100				

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