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MONTHLY REPORTPRODUCTION OF IRON AND STEEL IN CANADAJuly, 1937.

PIG IRON - Production of 79,736 tons of pig iron in Canada during July compares with 78,278 tons for last month and 34,988 tons for July, 1936. This month's output included 57,673 tons of basic iron, 13,112 tons of foundry iron and 8,951 tons of malleable iron. Sixty-six per cent, or 52,445 tons, were for the use of the makers and the balance of 27,291 tons was for sale.

Furnace charges for July included 143,438 long tons of imported iron ore, 44,137 short tons of limestone and 80,053 short tons of coke.

For the first seven months of this year, 934,016 tons of iron ore, 269,529 tons of limestone and 503,768 tons of coke were charged to iron blast furnaces in Canada to make 503,680 tons of pig iron. For the corresponding seven month period of 1936, production amounted to 375,323 tons.

FERRO-ALLOYS - Output of ferro-alloys at 6,285 tons in July showed a sharp advance from the low for the year of 2,635 tons in June and compares with 10,962 tons made in July, 1936. The month's tonnage was mostly ferrosilicon, with spiegeleisen and ferromanganese accounting for the balance.

STEEL INGOTS AND CASTINGS - Production of steel ingots and castings in July amounted to 122,968 tons as against 118,744 tons in the previous month and 68,793 tons in July of a year ago. This month's tonnage included 116,879 tons of steel ingots and 6,089 tons of direct castings, all of the ingots being for the further use of the producer and the bulk of the castings for sale.

For the seven months ending July 31, 1937, the cumulative output of primary steel totalled 836,145 tons, as against 647,493 tons and 474,264 tons made during the corresponding periods of 1936 and 1935, respectively.

PRICES - Slackening of activities due to the holiday season and reductions in purchases by the automobile and mining trades, caused sales of iron and steel products to drop considerably, but prices still held firm. Consumers' interest centred mainly in small spot tonnages and new commitments were limited. Current demand and heavy backlogs were sufficient, however, to maintain plant operation close to the previous month's levels. The Dominion Bureau of Statistics index number of wholesale prices of "Iron and Its Products" on the base 1926=100 rose from 103.2 in June to 104.1 in July. No change occurred in the prices of foundry pig iron. No. 1 delivered at Montreal was \$27.00 and No. 2 on the same basis was \$26.50. These grades, delivered at Toronto, were \$26.00 and \$25.50 per long ton, respectively.

UNITED STATES - Production of pig iron in the United States averaged 112,866 tons a day in July, an increase of almost 9 per cent over the 103,584 tons of June. Fifteen furnaces were blown in during the month and four blown out or banked, a net gain of eleven active stacks.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production during July and June, 1937. (Tons of 2,240 lb.)

	July, 1937.			June, 1937.		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
PIG IRON -						
Basic	51,043	6,630	57,673	51,186	9,438	60,624
Foundry .....	...	13,112	13,112	...	13,404	13,404
Malleable	1,402	7,549	8,951	...	4,250	4,250
TOTAL	52,445	27,291	79,736	51,186	27,092	78,278
Ferro-alloys .....	...	6,285	6,285	...	2,635	2,635

Table 2 - Cumulative Production for the Seven Months ending JULY, 1937 and 1936. (Tons of 2,240 lb.)

	1937			1936		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
PIG IRON -						
Basic	392,118	21,138	413,256	296,559	984	297,543
Foundry	40	58,052	58,092	1,300	41,237	42,537
Malleable	1,642	30,690	32,332	1,954	33,289	35,243
TOTAL .	393,800	109,880	503,680	299,813	75,510	375,323
Ferro-alloys(x) .....	...	37,903	37,903	...	41,512	41,512

Table 3 - Iron Blast Furnace Charges during JULY and JUNE and YEAR TO DATE, 1937.

	July	June	Year to date
Imported iron ore long tons	143,438	141,302	934,016
Canadian limestone short tons	13,094	12,023	86,900
Imported limestone short tons	31,043	26,410	182,629
Coke made in Canada -			
From Canadian coal short tons	28,892	29,645	205,682
From imported coal short tons	40,846	39,197	267,877
Imported coke short tons	10,315	9,806	30,209

(x) Revised.

(b) STEEL INGOTS AND CASTINGS

Table 4 - Production for July and June, 1937. (Tons of 2,240 lb.)

	July, 1937.			June, 1937.		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS -</u>						
Open hearth - Basic	112,395	...	112,395	107,383	...	107,383
Electric	4,484	...	4,484	4,697	...	4,697
Other .....	...	...	...	...	...	...
TOTAL STEEL INGOTS.	116,879	...	116,879	112,080	...	112,080
<u>STEEL CASTINGS -</u>						
Open hearth - Basic	186	2,227	2,413	199	2,533	2,732
Bessemer .....	...	90	90	...	102	102
Electric	465	3,121	3,586	438	3,392	3,830
TOTAL DIRECT STEEL CASTINGS	651	5,438	6,089	637	6,027	6,664
GRAND TOTAL	117,530	5,438	122,968	112,717	6,027	118,744

Table 5 - CUMULATIVE PRODUCTION FOR THE SEVEN MONTHS ENDING JULY, 1937 and 1936.

	1 9 3 7			1 9 3 6		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS -</u>						
Open hearth - Basic	759,935	160	760,095	601,947	105	602,052
Electric	34,345	...	34,345	24,220	...	24,220
Other .....	...	...	...	...	...	...
Total Steel Ingots ...	794,280	160	794,440	626,167	105	626,272
<u>STEEL CASTINGS -</u>						
Open hearth - Basic	1,344	15,238	16,582	812	5,774	6,586
Bessemer .....	...	579	579	...	284	284
Electric	3,847	20,697	24,544	2,383	11,968	14,351
Total Direct Steel Castings	5,191	36,514	41,705	3,195	18,026	21,221
GRAND TOTAL	799,471	36,674	836,145	629,362	18,131	647,493

Table 6 - Average Monthly Production of Pig Iron, Steel Ingots and Castings in Canada, 1916 - 1936 (in 1000's of long tons)

Years	Monthly Average		Years	Monthly Average	
	Iron	Steel		Iron	Steel
1916	87	106	1927	59	76
1917	87	130	1928	86	103
1918	89	140	1929	91	115
1919	68	77	1930	62	84
1920	81	92	1931	36	56
1921	50	56	1932	12	29
1922	32	40	1933	19	34
1923	73	74	1934	34	63
1924	49	54	1935	50	78
1925	48	63	1936	56	93
1926	63	64			



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Table 7 - Production of Pig Iron, by Months and by Provinces, and Steel Ingots and Castings, by Months, 1936 and 1937 (In 1000's of long tons).

Month	P I G I R O N : S T E E L							
	NOVA SCOTIA		ONTARIO		TOTAL CANADA		TOTAL CANADA	
	1936	1937	1936	1937	1936	1937	1936	1937
January	18	28	43	38	61	66	100	115
February	21	25	35	37	56	62	94	112
March	22	29	32	42	54	71	101	125
April	23	28	31	40	54	68	107	121
May	27	27	32	51	59	78	95	121
June	27	27	29	51	56	78	82	119
July	12	26	23	54	35	80	69	123
August	11		28		39		80	
September	15		37		52		86	
October	26		44		70		98	
November	28		46		74		99	
December	28		40		68		104	
TOTAL	258	190	420	313	678	503	1,115	836
Monthly Average	21	27	35	45	56	72	93	119

Table 8 - Iron Blast Furnaces in Canada, 1937.

Names of Companies	Location of furnaces	Number of stacks	Total Daily Capacity (Long tons)
Dominion Steel and Coal Corp. Ltd.	Sydney, N. S.	3	1,200
Canadian Furnace Limited	Port Colborne, Ont.	1	350
The Steel Company of Canada, Ltd.	Hamilton, Ontario	2	825
The Algoma Steel Corporation, Ltd.	Sault Ste. Marie, Ont.	4	1,600

Table 9 - Description of Furnaces at end of July, 1937.

Condition of furnace	Number of furnaces	TOTAL DAILY CAPACITY	
		Long tons	Per cent
In blast	6	2,525	64
Banked .....	...	...	...
Blown out	4	1,450	36
Total furnaces reporting	10	3,975	100

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