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DEPARTMENT OF TRADE AND COMMERCE
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OTTAWA - CANADA

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MONTHLY REPORT

PRODUCTION OF IRON AND STEEL IN CANADA

JUNE, 1939

PIG IRON - Production of pig iron in Canada during June amounted to 52,805 long tons, or 8.5 per cent less than in the previous month and 18 per cent less than in June of last year. Output in the current month included 50,178 tons of basic, 399 tons of foundry, and 2,228 tons of malleable iron.

Furnace charges for the month consisted of 90,744 long tons of imported iron ore, 27,125 short tons of limestone, and 55,795 short tons of coke.

The cumulative production of pig iron for the year to date was 296,521 tons which was 26 per cent below the corresponding total for last year.

FERRO-ALLOYS - Output of ferro-alloys during June totalled 10,015 tons as against 4,925 tons in May. The total for the six months of 1939 was 30,904 tons compared with 33,159 tons for the first half of 1938.

STEEL INGOTS AND CASTINGS - The June production of steel ingots and direct steel castings was 107,902 tons, or 11 per cent less than the tonnage made during the previous month. The output of ingots dropped to 103,953 tons from 116,983 tons in May and the production of steel castings declined to 3,949 tons from 4,430 tons.

For the first six months of this year the output of ingots and castings totalled 580,141 tons or 13.5 per cent less than during the corresponding period of last year.

PRICES - Except for advances of 50 cents per ton in quotations for charging box size scrap steel and turnings and borings, prices of iron and steel products were generally unchanged in June. The Bureau's index number of wholesale prices of Iron and Its Products on the base 1926 = 100 rose from 97.3 in May to 97.4 in the following month, largely reflecting the higher prices already noted for scrap steel. Pig iron prices were unchanged from those of the previous month, No. 1 foundry, f.o.b. plant, being quoted at \$20.00 per gross ton.

(a) PIG IRON and FERRO-ALLOYS

Table 1 - PRODUCTION during JUNE and MAY, 1939. (Tons of 2,240 pounds)

	J U N E			M A Y		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
PIG IRON -						
Basic	50,118	60	50,178	49,710	2	49,712
Foundry .....	...	399	399	...	5,194	5,194
Malleable .....	...	2,228	2,228	...	2,840	2,840
TOTAL	50,118	2,687	52,805	49,710	8,036	57,746
Ferro-alloys .....	...	10,015	10,015	...	4,925	4,925

Table 2 - CUMULATIVE PRODUCTION for the SIX MONTHS ending JUNE, 1939 and 1938.
(Tons of 2,240 pounds)

	1 9 3 9			1 9 3 8		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
PIG IRON -						
Basic	265,595	4,735	270,330	331,241	3,946	335,187
Foundry .....	...	17,742	17,742	...	33,738	33,738
Malleable .....	...	8,449	8,449	582	34,651	35,233
TOTAL	265,595	30,926	296,521	331,823	72,335	404,158
Ferro-alloys .....	...	30,904	30,904	...	33,159	33,159

Table 3 - IRON BLAST FURNACE CHARGES during JUNE, MAY, and SIX MONTHS ending JUNE, 1939.

	JUNE	MAY	SIX MONTHS ending JUNE
Imported iron ore Long ton	90,744	100,529	508,113
Limestone Short ton	27,125	29,743	154,800
Coke Short ton	55,795	60,571	300,938

(b) STEEL INGOTS and CASTINGS

Table 4 - PRODUCTION FOR JUNE and MAY, 1939. (Tons of 2,240 pounds)

	J U N E			M A Y		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
STEEL INGOTS -						
Open hearth - Basic	97,301	210	97,511	111,094	79	111,173
Electric	6,442	...	6,442	5,810	...	5,810
Other .....	...	...	...	...	...	...
Total Steel Ingots	103,743	210	103,953	116,904	79	116,983
STEEL CASTINGS -						
Open hearth - Basic	97	678	775	141	1,141	1,282
Converter .....	...	90	90	...	65	65
Electric	717	2,367	3,084	546	2,537	3,083
Total Direct Steel Castings	814	3,135	3,949	687	3,743	4,430
GRAND TOTAL	104,557	3,345	107,902	117,591	3,822	121,413

Table 5 - CUMULATIVE PRODUCTION for the SIX MONTHS ending JUNE, 1939 and 1938.

	1 9 3 9			1 9 3 8		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
STEEL INGOTS -						
Open hearth - Basic	531,095	555	531,650	605,823	247	606,070
Electric	25,265	...	25,265	33,897	...	33,897
Other .....	...	...	...	...	...	...
Total Steel Ingots	556,360	555	556,915	639,720	247	639,967
STEEL CASTINGS -						
Open hearth - Basic	876	5,231	6,107	1,057	9,834	10,891
Converter .....	...	311	311	...	327	327
Electric	3,635	13,173	16,808	3,917	15,639	19,556
Total Direct Steel Castings ..	4,511	18,715	23,226	4,974	25,800	30,774
GRAND TOTAL	560,871	19,270	580,141	644,694	26,047	670,741

Table 6 - AVERAGE MONTHLY PRODUCTION OF PIG IRON, STEEL INGOTS and CASTINGS IN CANADA, 1916-1938. (In 1000's of long tons)

Year	Monthly Average		Year	Monthly Average	
	Iron	Steel		Iron	Steel
1916	87	106	1928	86	103
1917	87	130	1929	91	115
1918	89	140	1930	62	84
1919	68	77	1931	36	56
1920	81	92	1932	12	29
1921	50	56	1933	19	34
1922	32	40	1934	34	63
1923	73	74	1935	50	78
1924	49	54	1936	56	93
1925	48	63	1937	75	117
1926	63	64	1938	59	96
1927	59	76			

Table 7 - PRODUCTION OF PIG IRON, BY MONTHS and BY PROVINCES, and STEEL INGOTS and CASTINGS, BY MONTHS, 1938 and 1939. (In 1000's of long tons)

Month	P I G		I R O N		: S T E E L	
	NOVA SCOTIA		ONTARIO		TOTAL CANADA:	
	1938	1939	1938	1939	1938	1939
January	29	16	46	42	75	58
February	24	13	37	28	61	41
March	28	12	38	29	66	41
April	28	19	38	27	66	46
May	29	25	43	33	72	58
June	19	24	45	29	64	53
TOTAL - SIX MONTHS	157	109	247	188	404	297
July	13		38		51	
August	14		36		50	
September	13		37		50	
October	16		35		51	
November	15		31		46	
December	15		38		53	
TOTAL FOR YEAR ..	243		462		705	1,155



Table 8 - IRON BLAST FURNACES IN CANADA.

Name of Company	Location of furnace	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, Ont.	2	825
The Algoma Steel Corporation	Sault Ste. Marie, Ont.	4	1,600

Table 9 - DESCRIPTION OF FURNACES AT END OF JUNE, 1939.

Condition of furnaces	Number of furnaces	Total Daily Capacity	
		Long tons	Per cent
In blast	5	2,300	58
Banked .....	...	...	...
Blown out	5	1,675	42
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.