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Monthly Report
of the
PRODUCTION OF IRON AND STEEL
IN CANADA

JULY, 1926

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PRODUCTION OF IRON AND STEEL IN CANADA

July 1926

PIG IRON AND FERRO-ALLOYS - In July the production of pig iron in Canada amounted to 67,232 long tons, a decline of 5 per cent from the 70,854 tons of June which in turn was 3 per cent under the year's record in May.

Foundry pig iron at 22,490 tons was double the 10,087 tons of June but this gain was more than offset by basic pig iron falling to 40,260 tons from 52,614 tons and malleable iron declining to 4,482 tons as compared with 8,153 tons in the previous month.

For the first seven months of the year the cumulative production at 438,096 tons was 40 per cent over the 311,838 tons made during the same period of last year. This year's tonnage was composed of 297,719 tons of basic iron, 115,813 tons of foundry iron and 24,564 tons of malleable iron. Most of the basic iron was produced for further use by the reporting firms, while the bulk of the foundry iron and all the malleable iron was made for sale.

Blast furnace charges in July included 118,509 long tons of imported iron ore, 73,857 short tons of coke and 34,601 short tons of limestone. Each long ton of pig iron produced necessitated a furnace charge of 3.948 pounds of imported ore, 2,198 pounds of coke and 1,028 pounds of limestone.

During the month one furnace at Sydney, N.S. was shut down leaving 5 furnaces in blast on July 31st. The active furnaces had a daily capacity of 2,075 long tons which represented about 41 per cent of the total capacity of all blast furnaces in the Dominion. Active furnaces were located as follows: one at Sydney, N.S., two at Hamilton, Ont., and two at Sault Ste. Marie, Ont.

Ferro-alloys at 2,931 tons showed a decline in output of 26 per cent from the 3,938 tons reported for June. Production in July was composed mostly of the grades having 50 per cent or less silicon content, and some high grade ferro manganese.

STEEL INGOTS AND CASTINGS - Production of 64,847 tons of steel ingots and castings in Canada during July was 20 per cent lower than the 81,277 tons reported for the preceding month. The decline was general when applied to all grades. Steel ingots dropped to 62,396 tons from 77,684 tons and direct steel castings fell to 2,451 tons as compared with the June output of 3,593 tons.

For the seven months ending July the cumulative production totalled 496,031 tons an increase of 11 per cent over the 446,168 tons reported for the first seven months of last year. This year's output was composed of 472,999 tons of steel ingots made for further use by the producers and 23,032 tons of direct steel castings of which 95 per cent was intended for sale.

Pig iron prices remained at the same levels in July as in June. No. 1 foundry (2.25 to 2.75 sil.) delivered Toronto was still quoted at \$25.80 per ton and No. 2 foundry at \$25.30. At Montreal, No. 1 foundry was \$28.70 and No. 2 foundry \$28.20. Basic pig iron at mill remained at \$21.00. The Bureau's index number for Iron and Its Products (1913 prices = 100) was practically stationary being 143.7 as compared with 143.5 in June.

In the United States the July output of pig iron was 3.6 per cent under June. This marked a decline in daily production of 3,866 tons from the output of June which in turn was 4,460 tons per day less than May. There were 216 furnaces active on Aug. 1 as compared with 220 on July 1, making a net loss of 4 furnaces. In June the net loss was 8 furnaces as against a loss of 9 in May.

PIG IRON AND FERRO-ALLOYS IN CANADA

Table 1. PRODUCTION FOR THE CURRENT AND PRECEDING MONTH (Tons of 2240 lb.)

ITEM	JULY 1926			JUNE 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic	37,664	2,596	40,260	52,170	444	52,614
Foundry	299	22,191	22,490	401	9,686	10,087
Malleable		4,482	4,482		8,153	8,153
TOTAL	37,963	29,269	67,232	52,571	18,283	70,854
Ferro-alloys		2,931	2,931		3,938	3,938

Table 2. CUMULATIVE PRODUCTION FOR THE SEVEN MONTHS ENDING JULY
(Tons of 2240 lb.)

ITEM	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic	287,811	9,908	297,719	252,199	344	252,543
Foundry	1,437	114,376	115,813	141	39,272	39,413
Malleable		24,564	24,564		19,882	19,882
TOTAL	289,248	148,848	438,096	252,340	59,498	311,838
Ferro-alloys		20,782	20,782		14,426	14,426

TABLE 3. BLAST FURNACE CHARGES - JULY, JUNE AND YEAR TO DATE

		JULY	JUNE	YEAR TO DATE
Canadian Iron ore	Long tons			
Imported Iron ore	" "	118,509	123,400	781,776
Coke	Short tons	73,857	76,444	488,570
Limestone	" "	34,601	33,953	238,558

STEEL INGOTS AND CASTINGS IN CANADA

Table 4 PRODUCTION FOR THE CURRENT AND PRECEDING MONTH (Tons of 2240 lb.)

	JULY 1926			JUNE 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	60,391	-----	60,391	75,469	-----	75,469
Acid	-----	-----	-----	-----	-----	-----
Bessemer	-----	-----	-----	-----	-----	-----
Other	2,005	-----	2,005	2,215	-----	2,215
TOTAL STEEL INGOTS	62,396	-----	62,396	77,684	-----	77,684
STEEL CASTINGS:						
Open Hearth-Basic	166	1,172	1,338	156	2,455	2,611
Acid	-----	-----	-----	-----	-----	-----
Bessemer	5	124	129	8	124	132
Electric	6	978	984	2	848	850
TOTAL DIRECT STEEL CASTINGS	177	2,274	2,451	166	3,427	3,593
GRAND TOTAL	62,573	2,274	64,847	77,850	3,427	81,277

Table 5 CUMULATIVE PRODUCTION For the SEVEN MONTHS ending JULY

	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	461,502	-----	461,502	432,868	-----	432,868
Acid	-----	-----	-----	-----	-----	-----
Bessemer	-----	-----	-----	-----	-----	-----
Other	11,497	-----	11,497	2,180	-----	2,180
TOTAL STEEL INGOTS	472,999	-----	472,999	435,048	-----	435,048
STEEL CASTINGS:						
Open Hearth-Basic	1,157	13,566	14,723	814	4,769	5,583
Acid	-----	-----	-----	-----	-----	-----
Bessemer	43	878	921	38	851	889
Electric	20	7,368	7,388	13	4,635	4,648
TOTAL DIRECT STEEL CASTINGS	1,220	21,812	23,032	865	10,255	11,120
GRAND TOTAL	474,219	21,812	496,031	435,913	10,255	446,168

Table 6 AVERAGE MONTHLY PRODUCTION OF
PIG IRON, STEEL INGOTS AND CASTINGS
IN CANADA, 1913 - 1924.
(In 1000's of Long Tons)

YEAR	MONTHLY AVERAGE		YEAR	MONTHLY AVERAGE	
	Iron	Steel		Iron	Steel
1913	84	87	1919	68	77
1914	58	62	1920	81	92
1915	68	76	1921	50	56
1916	87	106	1922	32	40
1917	87	130	1923	73	74
1918	89	140	1924	49	54

TABLE 7 PRODUCTION OF PIG IRON BY MONTHS AND BY PROVINCES, AND STEEL
INGOTS AND CASTINGS BY MONTHS IN CANADA (In 1000's
Long Tons) 1925-26.

MONTH	Nova Scotia		PIG IRON Ontario		Total Canada		STEEL Total Canada	
	1925	1926	1925	1926	1925	1926	1925	1926
January	8	25	20	32	28	57	27	69
February	9	20	21	30	30	50	37	53
March	23	22	41	31	64	53	108	59
April	23	21	37	47	60	68	88	80
May	24	22	39	51	63	73	100	90
June	20	21	26	50	46	71	63	81
July	-	20	21	47	21	67	22	65
August	4		23		27		25	
September	12		23		35		37	
October	26		48		74		109	
November	29		40		69		73	
December	24		31		55		62	
TOTAL	202	151	370	288	572	439	751	497
MONTHLY AVERAGE	17	22	31	41	48	63	63	71

Table 8. BLAST FURNACES IN CANADA, 1926

Name of Company	Location	Number of Stacks	Total Daily Capacity (Long Tons)
British Empire Steel Corporation, Ltd.	Sydney, N.S.	8	2,475
Canadian Furnace Co., Ltd.	Port Colborne, Ont.	1	325
The Steel Company of Canada, Ltd.,	Hamilton, Ont.	2	725
Algoma Steel Corporation, Ltd.	Sault Ste. Marie, Ont.	4	1,500
TOTAL		15	5,025

Table 9. DESCRIPTION OF FURNACES AT END OF JULY

Condition of Furnace	Number of Furnaces	Total Daily Capacity	
		Long tons	Per cent
In blast.....	5	2,075	41
Banked	-	-	-
Blown out.....	10	2,950	59
Total furnaces reporting.....	15	5,025	100

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