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Monthly Report

of the

PRODUCTION OF IRON AND STEEL

IN CANADA

AUGUST, 1926

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PRODUCTION OF IRON AND STEEL IN CANADA

August 1926

PIG IRON AND FERRO-ALLOYS - Production of coke pig iron in Canada during August totalled 58,780 long tons or more than double the output of 26,513 tons made in the same month of a year ago, but 13 per cent under the 67,232 tons reported for July. Comparison with the previous month, by grades, shows that the output of basic iron at 29,882 tons was considerably below the 40,260 tons produced in July; foundry iron at 13,454 tons was 40 per cent below the 22,490 tons of July, while malleable iron advanced sharply to 15,444 tons from 4,482 tons in the next preceding month.

For the eight months ending August 31st the cumulative production amounted to 496,876 long tons, an increase of 47 per cent over the 338,351 tons reported for the same period of last year. This year's output to date consisted of 327,601 tons of basic iron, 129,267 tons of foundry iron and 40,008 tons of malleable iron. Most of the basic iron was produced for the further use of the reporting firms, while the bulk of the foundry iron and all the malleable iron was made for sale.

Blast furnace charges in August included 104,517 long tons of imported ore, 63,943 short tons of coke and 31,573 short tons of limestone.

No additional furnaces were blown in during the month and none were banked or shut down so the number of furnaces in blast at the end of August remained at 5 the same as 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., and two each at Hamilton and Sault Ste. Marie, Ontario.

Ferro-alloys at 3,058 tons was slightly greater than the 2,931 tons reported for July. Production in August was composed mostly of the grade having a high manganese content, and a small quantity of ferro silicon was also produced.

STEEL INGOTS AND CASTINGS - Reflecting the lower output of pig iron the production of steel ingots and castings in Canada fell to 45,674 tons in August, a drop of 30 per cent from the 64,847 tons of July. Comparison with the previous month shows that this decline applied to both grades; steel ingots at 43,546 tons was 30 per cent under the 62,396 tons reported for July and direct steel castings were 13 per cent less at 2,128 tons.

Production for the first eight months of this year at 541,705 tons showed an improvement of 15 per cent over the 471,175 tons reported for the corresponding period of a year ago. This year's output included 516,545 tons of steel ingots and 25,160 tons of direct steel castings.

Pig iron prices were again lower in August, No. 1 foundry at Toronto being quoted at \$24.80 and No. 2 foundry at \$24.30 as compared with \$25.80 and \$25.30 respectively in July. At Montreal No. 1 foundry was \$27.20 and No. 2 foundry \$26.70 as compared with \$28.70 and \$28.20 respectively last month. Basic pig iron at mill remained stationary at \$21.00. The Bureau's index number for Iron and It's Products based on prices at the beginning of the month (1913 prices = 100) was slightly higher at 144.2 as compared with 143.7 in July. The lower levels for pig iron were more than counterbalanced by advances in the price of scrap iron and steel bars.

In the United States the production of pig iron during August showed a drop of less than 1 per cent or about 875 tons per day from the daily rate in July. During the month eight furnaces were blown in and ten blown out or banked, making a net loss of two active furnaces for the month. July showed a net loss of four furnaces.

PIG IRON AND FERRO-ALLOYS IN CANADA

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

ITEM	AUGUST 1926			JULY 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	29,438	444	29,882	37,664	2,596	40,260
Foundry.....	73	13,381	13,454	299	22,191	22,490
Malleable.....		15,444	15,444		4,482	4,482
TOTAL.....	29,511	29,269	58,780	37,963	29,269	67,232
Ferro-alloys.....		3,058	3,058		2,931	2,931

Table 2. CUMULATIVE PRODUCTION FOR THE EIGHT MONTHS ENDING AUGUST
(Tons of 2240 lb.)

ITEM	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	317,249	10,352	327,601	257,507	344	257,851
Foundry.....	1,510	127,757	129,267	141	55,868	56,009
Malleable.....		40,008	40,008		24,491	24,491
TOTAL.....	318,759	178,117	496,876	257,648	80,703	338,351
Ferro-alloys.....		23,840	23,840		16,520	16,520

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

		AUGUST	JULY	YEAR TO DATE
Canadian Iron ore.....	Long tons			
Imported Iron ore.....	" "	104,517	118,509	886,293
Coke.....	Short tons	63,943	73,857	552,513
Limestone.....	" "	31,573	34,601	270,131

STEEL INGOTS AND CASTINGS IN CANADA

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

	AUGUST 1926			JULY 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	41,930	25	41,955	60,391	-----	60,391
Acid	-----	-----	-----	-----	-----	-----
Bessemer	-----	-----	-----	-----	-----	-----
Other	1,591	-----	1,591	2,005	-----	2,005
TOTAL STEEL INGOTS	43,521	25	43,546	62,396	-----	62,396
STEEL CASTINGS:						
Open Hearth-Basic	140	844	984	166	1,172	1,338
Acid	-----	-----	-----	-----	-----	-----
Bessemer	7	140	147	5	124	129
Electric	3	994	997	6	978	984
TOTAL DIRECT STEEL CASTINGS	150	1,978	2,128	177	2,274	2,451
GRAND TOTAL	43,671	2,003	45,674	62,573	2,274	64,847

Table 5 CUMULATIVE PRODUCTION For the EIGHT MONTHS ending AUGUST

	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	503,432	25	503,457	454,626	-----	454,626
Acid	-----	-----	-----	-----	-----	-----
Bessemer	-----	-----	-----	-----	-----	-----
Other	13,088	-----	13,088	4,007	-----	4,007
TOTAL STEEL INGOTS	516,520	25	516,545	458,633	-----	458,633
STEEL CASTINGS:						
Open Hearth-Basic	1,297	14,410	15,707	827	5,329	6,156
Acid	-----	-----	-----	-----	-----	-----
Bessemer	50	1,018	1,068	44	1,007	1,051
Electric	23	8,362	8,385	27	5,308	5,335
TOTAL DIRECT STEEL CASTINGS	1,370	23,790	25,160	898	11,644	12,542
GRAND TOTAL	517,890	23,815	541,705	459,531	11,644	471,175

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	PIG IRON				STEEL			
	Nova Scotia		Ontario		Total Canada		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	14	23	45	27	59	25	46
September	12		23		35		37	
October	26		48		74		109	
November	29		40		69		73	
December	24		31		55		62	
TOTAL	202	165	370	333	572	498	751	543
MONTHLY AVERAGE	17	21	31	42	48	62	63	68

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 AUGUST

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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