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Monthly Report
of the
PRODUCTION OF IRON AND STEEL
IN CANADA

JUNE, 1926

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PRODUCTION OF IRON AND STEEL IN CANADA

June 1926

PIG IRON AND FERRO-ALLOYS - In June the production of pig iron in Canada amounted to 70,854 long tons, a decline of 3 per cent from the 72,762 tons of May. The month's output was composed of 52,614 tons of basic iron, 10,087 tons of foundry iron and 8,153 tons of malleable iron.

For the first half of 1926, the cumulative production totalled 370,864 tons as compared with 290,892 tons for the corresponding period of last year, 427,105 tons in 1924 and 435,000 tons for the first six months of 1923. This year's tonnage was composed of 257,459 tons basic iron, 93,323 tons of foundry iron and 20,082 tons of malleable iron. Most of the basic iron was produced for further use by the reporting firms while the bulk of foundry and malleable grades was made for sale. Of the total produced 32 per cent was intended for sale as against 13 per cent in the previous year.

Blast furnace charges in June included 123,400 long tons of iron ore, 76,444 short tons of coke and 33,953 short tons of limestone. For the year to date each long ton of pig iron produced necessitated a furnace charge of 4,006 pounds of ore, 2,236 pounds of coke and 1,099 pounds of limestone. For the first half of 1925 the furnace charges for each long ton of pig iron included 4,131 pounds of ore, 2,217 pounds of coke and 1,146 pounds of limestone.

There was no change in the number of active furnaces, the same six being in blast on June 30th as at the end of May, April and March. The active furnaces had a capacity of 2,375 long tons per day which represented about 47 per cent of the total capacity of all blast furnaces in the Dominion. In June of last year 15 per cent of the Dominion capacity was in blast and 10 per cent banked. On May 31st, 1926 two working furnaces were located at each of the following points: Sault Ste. Marie and Hamilton in Ontario, and at Sydney in Nova Scotia.

Ferro-alloys at 3,938 long tons showed an increase of 14 per cent over the 3,396 tons reported for May and consisted mostly of the grade having a silicon content of 15 per cent or less. For the half year, the output of ferro-alloys totalled 17,851 tons as compared with 12,217 tons during the first six months of 1925 and 15,768 tons in 1924.

STEEL INGOTS AND CASTINGS - Production of 81,277 tons of steel ingots and castings in Canada in June was 9 per cent under the 89,513 tons of May, but 29 per cent over the 63,140 tons produced in June of a year ago. This month's output was composed of 77,684 tons of steel ingots and 3,593 tons of steel castings; all of the ingots were produced for the further use of the makers and 5 per cent of the castings were made for sale.

For the six months ending June cumulative production amounted to 431,184 tons as compared with 423,697 tons in the first half of 1925 and 488,733 tons in 1924. Steel ingots at 410,603 tons showed little change from the 413,891 tons made last year; steel castings at 20,581 tons marked an increase of 210 per cent over 9,806 produced in the first six months of 1925.

Pig iron prices remained practically unchanged in June. At Montreal, No. 1 foundry was still quoted at \$28 70 and No. 2 foundry at \$28.20. At Toronto, No. 1 foundry was \$25.80 and No. 2 foundry \$25.30. Basic pig iron at mill fell from \$22.00 to \$21.00 per ton. The Bureau's index number for iron and its products (1913 prices = 100) from 144.1 to 143.5 owing to declines in price of basic pig iron and of steel sheets.

During the first quarter of 1926, pig iron prices remained steady, No. 1 and No. 2 foundry at Montreal being quoted at \$29.25, while No. 1 at Toronto was \$26.85 and No. 2, \$26.35. During the second quarter downward revisions occurred to the levels above stated, following those in the United States markets, which were feeling the competition of cheaper foreign iron. At Montreal a further cut was made effective by reestablishing a 55 cent differential for silicon content.

In the United States the June output of pig iron was 4 per cent under May, and marked a decline of 4,460 tons in production daily. The 4 per cent loss in June compares with 2.3 per cent loss in May and a gain in April over March of 3.6 per cent. During the month 11 furnaces were shut down and 3 blown in making a net loss of 8 active furnaces.

PIG IRON AND FERRO-ALLOYS IN CANADA

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

ITEM	JUNE 1926			MAY 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	52,170	444	52,614	53,570	2,853	56,423
Foundry.....	401	9,686	10,087	132	16,207	16,339
Malleable.....		8,153	8,153			
TOTAL.....	52,571	18,283	70,854	53,702	19,060	72,762
Ferro-alloys.....		3,938	3,938		3,396	3,396

Table 2. CUMULATIVE PRODUCTION FOR THE SIX MONTHS ENDING JUNE
(Tons of 2240 lb.)

ITEM	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	250,147	7,312	257,459	252,126	344	252,470
Foundry.....	1,138	92,185	93,323	85	21,661	21,746
Malleable.....		20,082	20,082		16,676	16,676
TOTAL.....	251,285	119,579	370,864	252,211	38,681	290,892
Ferro-alloys.....		17,851	17,851		12,217	12,217

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

		JUNE	MAY	YEAR TO DATE
Canadian Iron ore	Long tons			
Imported Iron ore	" "	123,400	126,981	663,267
Coke	Short tons	76,444	80,678	414,713
Limestone	" "	33,953	38,515	203,957

STEEL INGOTS AND CASTINGS IN CANADA

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

	JUNE 1926			MAY 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	75,469		75,469	84,475		84,475
Acid						
Bessemer						
Other	2,215		2,215	1,129		1,129
TOTAL STEEL INGOTS	77,684		77,684	85,604		85,604
STEEL CASTINGS:						
Open Hearth-Basic	156	2,455	2,611	182	2,782	2,964
Acid						
Bessemer	8	124	132	8	135	143
Electric	2	848	850	3	799	802
TOTAL DIRECT STEEL CASTINGS	166	3,427	3,593	193	3,716	3,909
GRAND TOTAL	77,850	3,427	81,277	85,797	3,716	89,513

Table 5 CUMULATIVE PRODUCTION For the SIX MONTHS ending JUNE

	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS.						
Open Hearth-Basic	401,111		401,111	411,711		411,711
Acid						
Bessemer						
Other	9,492		9,492	2,180		2,180
TOTAL STEEL INGOTS	410,603		410,603	413,891		413,891
STEEL CASTINGS:						
Open Hearth-Basic	991	12,394	13,385	797	4,173	4,970
Acid						
Bessemer	38	754	792	30	710	740
Electric	14	6,390	6,404	13	4,083	4,096
TOTAL DIRECT STEEL CASTINGS	1,043	19,538	20,581	840	8,966	9,806
GRAND TOTAL	411,646	19,538	431,184	414,731	8,966	423,697

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	30	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	-		21		21		22	
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	131	370	241	572	372	751	432
MONTHLY AVERAGE	17	22	31	40	48	62	63	72

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 JUNE

Condition of Furnace	Number of Furnaces	Total Daily Capacity	
		Long tons	Per cent
In blast.....	6	2,375	47
Banked	-	-	-
Blown out.....	9	2,650	53
Total furnaces reporting.....	15	5,025	100

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