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Monthly Report
of the
PRODUCTION OF IRON AND STEEL
IN CANADA

APRIL, 1926

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PRODUCTION OF IRON AND STEEL IN CANADA

April 1926

PIG IRON AND FERRO-ALLOYS - Production of pig iron in Canada during April at 67,607 long tons marked an increase of 27 per cent over the 53,251 long tons produced in March. While the output of malleable iron at 3,744 tons was slightly below the 5,517 tons of the previous month, this loss was more than offset by increased production of the basic and foundry grades; basic iron at 39,209 tons was 14 per cent above the 34,451 tons of the previous month and the 24,654 tons of foundry iron was 86 per cent above the 13,283 tons reported for this grade in March.

For the four months ending April the cumulative production of pig iron in Canada totalled 227,248 tons, an increase of 25 per cent as compared with 181,805 tons made during the same period last year. This year's output was composed of 148,422 tons basic iron, 66,897 tons of foundry iron and 11,929 tons of malleable. In the first four months of 1925, production included 150,587 tons basic, 18,621 tons foundry and 12,597 tons of malleable iron.

Blast furnace charges were composed of 122,383 long tons of imported ore, 76,892 short tons of coke and 37,213 short tons of limestone. For each long ton of pig iron made, the furnace charges in April were: 4,055 pounds of ore, 2,278 pounds of coke and 1,101 pounds of limestone.

There was no change in the number of active furnaces the same six being in blast on April 30th as at the end of 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. Two working furnaces were located at each of the following points: Sault Ste. Marie, Ont., Hamilton, Ont., and Sydney, N.S.

Ferro-alloys at 2,487 tons showed a drop from the 3,463 tons of March but was slightly higher than the 2,262 tons reported for April of a year ago. The cumulative production amounted to 10,517 tons, an increase of 37 per cent over the 7,695 produced in the same four months of last year.

STEEL INGOTS AND CASTINGS - Reflecting the higher output of pig iron, the production in Canada of steel ingots and castings advanced to 79,936 long tons, an increase of 36 per cent over the 58,765 tons of March, which in turn was 10 per cent in excess of the February output of 53,157 tons. This increase was wholly accounted for by the greater production of steel ingots; this grade at 76,046 tons showed an advance of 38 per cent over the 54,841 tons of the previous month, while the output of direct steel castings remained firm, the actual tonnages being 3,890 in April and 3,924 tons in March.

Cumulative production for the year to date at 260,394 tons showed little change from the 260,307 tons reported for the same four months of a year ago. Taking the output by grades, steel ingots at 247,315 tons showed a drop from 253,808 tons, but this was balanced by the gain in output of steel castings which stood at 13,079 tons as compared with 6,499 tons last year.

Most pig iron prices were unchanged in April. No. 1 foundry at Toronto was still quoted at \$26.85 and No. 2 foundry at \$26.35 per ton. At Montreal both grades were again quoted at \$29.25. Basic pig iron at mill declined from \$23.00 to \$22.00 per ton. The Bureau's index number for iron and its products, based on prices at the middle of the month (1913 prices = 100) declined from 145.7 to 145.0 due mainly to the lower levels for basic pig iron and wire nails.

In the United States the rate of pig iron production in April exceeded that of March by 3,972 tons per day. This was an increase of 3.6 per cent over the rate in March, which in turn was 6.4 per cent higher than in February. There was a net gain of one active furnace in April, six having been blown in and five shut down. This contrasted with a net gain of ten in March, two in February, and with a net loss of ten in January.

PIG IRON AND FERRO-ALLOYS IN CANADA

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

ITEM	APRIL 1926			MARCH 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	38,396	813	39,209	33,221	1,230	34,451
Foundry.....	156	24,498	24,654	160	13,123	13,283
Malleable.....		3,744	3,744		5,517	5,517
TOTAL.....	38,552	29,055	67,607	33,381	19,870	53,251
Ferro-alloys.....		2,487	2,487		3,463	3,463

Table 2. CUMULATIVE PRODUCTION FOR THE FOUR MONTHS ENDING APRIL
(Tons of 2240 lb.)

ITEM	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	144,407	4,015	148,422	150,243	344	150,587
Foundry.....	605	66,292	66,897	85	18,536	18,621
Malleable.....		11,929	11,929		12,597	12,597
TOTAL.....	145,012	82,236	227,248	150,328	31,477	181,805
Ferro-alloys.....		10,517	10,517		7,695	7,695

TABLE 3. BLAST FURNACE CHARGES - APRIL, MARCH AND YEAR TO DATE

		APRIL	MARCH	YEAR TO DATE
Canadian Iron ore	Long tons			
Imported Iron ore.....	" "	122,383	96,306	412,886
Coke.....	Short tons	76,892	60,234	257,591
Limestone.....	" "	37,213	30,629	131,489

STEEL INGOTS AND CASTINGS IN CANADA

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

	APRIL 1926			MARCH 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	73,400	.....	73,400	53,155	.....	53,155
Acid	.....	.....	.....	.....	.....	.....
Bessemer	.....	.....	.....	.....	.....	.....
Other	2,646	.....	2,646	1,686	.....	1,686
TOTAL STEEL INGOTS	76,046	.....	76,046	54,841	.....	54,841
STEEL CASTINGS:						
Open Hearth-Basic	135	2,580	2,715	167	2,196	2,363
Acid	.....	.....	.....	.....	.....	.....
Bessemer	5	167	172	6	170	176
Electric	2	1,001	1,003	2	1,383	1,385
TOTAL DIRECT STEEL CASTINGS	142	3,748	3,890	175	3,749	3,924
GRAND TOTAL	76,188	3,748	79,936	55,016	3,749	58,765

Table 5 CUMULATIVE PRODUCTION For the FOUR MONTHS ending APRIL

	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS.						
Open Hearth-Basic	241,167	.....	241,167	252,115	.....	252,115
Acid	.....	.....	.....	.....	.....	.....
Bessemer	.....	.....	.....	.....	.....	.....
Other	6,148	.....	6,148	1,693	.....	1,693
TOTAL STEEL INGOTS	247,315	.....	247,315	253,808	.....	253,808
STEEL CASTINGS:						
Open Hearth-Basic	653	7,157	7,810	438	2,851	3,289
Acid	.....	.....	.....	.....	.....	.....
Bessemer	22	495	517	18	490	508
Electric	9	4,743	4,752	9	2,693	2,702
TOTAL DIRECT STEEL CASTINGS	684	12,395	13,079	465	6,034	6,499
GRAND TOTAL	247,999	12,395	260,394	254,273	6,034	260,307

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	54	87	1919	68	77
1914	55	62	1920	81	92
1915	68	78	1921	50	56
1916	87	105	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		39		63		100	
June	20		26		46		63	
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	86	370	140	572	228	751	261
MONTHLY AVERAGE	17	22	31	35	48	57	63	65

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 APRIL

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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