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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

Vol. 6

No. 2

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Rec'd March 1926

WORKING PAPERS IN STATISTICS

Monthly Report
of the
PRODUCTION OF IRON AND STEEL
IN CANADA

FEBRUARY, 1926

Published by Authority of the HON. J. A. ROBB, M. P.
Acting Minister of Trade and Commerce.

OTTAWA
1926

DOMINION BUREAU OF STATISTICS, CANADA
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PRODUCTION OF IRON AND STEEL IN CANADA

February, 1926

PIG IRON AND FERRO-ALLOYS - Production of coke pig iron in Canada during February amounted to 49,746 long tons. This was 12 per cent under the 56,644 tons of January, but 69 per cent over the 29,506 tons reported for February of a year ago. Foundry and malleable grades at 19,733 tons showed an appreciable advance over 11,895 tons of the previous month, but this gain was more than offset by the loss in basic iron output which amounted to only 30,013 tons as against 44,749 tons in January.

For the two months ending February the cumulative production of all grades was 106,390 tons or about double the output of 57,808 tons in the first two months of last year. This year's production was composed of 74,762 tons of basic iron, 28,960 tons of foundry iron and 2,668 tons of malleable iron; 58 per cent of the whole was made for the further use of the producers and the balance was intended for sale.

Blast furnace charges for February included 91,405 long tons of imported iron ore, 56,987 short tons of coke and 29,087 short tons of limestone. For each long ton of pig iron made this represented a furnace charge of 4,116 pounds of ore, 2,291 pounds of coke and 1,169 pounds of limestone.

No additional furnaces were blown in during the month and as a result the same five furnaces were in blast on February 28, as at the end of January. The active furnaces had a capacity of 1,825 long tons per day or about 36 per cent of the total Dominion capacity and were located as follows: 2 at Sydney, N.S., 2 at Hamilton, Ont., and 1 at Sault Ste. Marie, Ont.

Ferro-alloys at 2,343 tons showed a slight advance over the 2,224 tons produced in the previous month. Production in February consisted of ferrosilicon only; in January, most of the output was classed as ferromanganese.

STEEL INGOTS AND CASTINGS - Reflecting the lowered output of pig iron the production of steel ingots and castings in Canada during February, at 53,157 long tons showed a decline of 22 per cent from the 68,536 tons of January but was 43 per cent greater than the 37,221 tons reported for February, 1925. The decline was wholly in the output of steel ingots which grade fell to 50,207 tons from 66,221 tons in the previous month. Steel castings rose to 2,950 tons from the 2,315 tons reported in February.

For the two months ending February the total output was 121,693 tons or about double the 64,347 tons reported for the same two months of last year. This year's production included 116,428 tons of steel ingots and 5,265 tons of steel castings.

Pig iron prices remained unchanged in February. No. 1 Foundry at Toronto still being quoted at \$26.85 per ton, No. 2 Foundry at \$26.35, and both grades at Montreal at \$29.25. The Bureau's index number for Iron and Its Products (1913 prices = 100) fell from 147.5 to 147.2, due mainly to slightly lower levels for round and square steel bars.

In the United States the February production of coke pig iron averaged 2,566 tons per day less than in January, a decrease of 2.4 per cent. This was the first decline registered since July, 1925. Previous reports showed an increase of 2 per cent in January over December and a gain of 4 per cent in December over November. Contrasting with a net loss of 10 furnaces in January, there was a net gain of 2 furnaces in February. Seven furnaces were blown in and five blown out or banked. The February gain recalls the net gain of 1 furnace in July and 2 in August last year, the beginning of the increase in output during subsequent months.

PIC IRON AND FERRO-ALLOYS IN CANADA

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

ITEM	FEBRUARY 1926			JANUARY 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	28,756	1,257	30,013	44,034	715	44,749
Foundry.....	214	18,208	18,422	75	10,463	10,538
Malleable.....		1,311	1,311		1,357	1,357
TOTAL.....	28,970	20,776	49,746	44,109	12,535	56,644
Ferro-alloys.....		2,343	2,343		2,224	2,224

Table 2. CUMULATIVE PRODUCTION FOR THE TWO MONTHS ENDING FEBRUARY
(Tons of 2240 lb.)

ITEM	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	72,790	1,972	74,762	33,652	152	33,804
Foundry.....	289	28,671	28,960	85	15,637	15,722
Malleable.....		2,668	2,668		8,282	8,282
TOTAL.....	73,079	33,311	106,390	33,737	24,071	57,808
Ferro-alloys.....		4,567	4,567		3,471	3,471

TABLE 3. BLAST FURNACE CHARGES - FEBRUARY, JANUARY AND YEAR TO DATE

		FEBRUARY	JANUARY	YEAR TO DATE
Canadian Iron ore	Long tons			
Imported Iron ore	" "	91,405	102,792	194,197
Coke	Short tons	56,987	63,478	120,465
Limestone	" "	29,087	34,560	63,647

STEEL INGOTS AND CASTINGS IN CANADA

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

	FEBRUARY 1926			JANUARY 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	49,002		49,002	65,610		65,610
Acid						
Bessemer						
Other	1,205		1,205	611		611
TOTAL STEEL INGOTS	50,207		50,207	66,221		66,221
STEEL CASTINGS:						
Open Hearth-Basic	175	1,333	1,508	176	1,048	1,224
Acid						
Bessemer	6	49	55	5	109	114
Electric	4	1,383	1,387	1	976	977
TOTAL DIRECT STEEL CASTINGS	185	2,765	2,950	182	2,133	2,315
GRAND TOTAL	50,392	2,765	53,157	66,403	2,133	68,536

Table 5 CUMULATIVE PRODUCTION For the TWO MONTHS ending FEBRUARY

	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	114,612		114,612	60,884		60,884
Acid						
Bessemer						
Other	1,816		1,816	927		927
TOTAL STEEL INGOTS	116,428		116,428	61,811		61,811
STEEL CASTINGS:						
Open Hearth-Basic	351	2,381	2,732	101	1,092	1,193
Acid						
Bessemer	11	158	169	8	223	231
Electric	5	2,359	2,364	2	1,110	1,112
TOTAL DIRECT STEEL CASTINGS	367	4,898	5,265	111	2,425	2,536
GRAND TOTAL	116,795	4,898	121,693	61,922	2,425	64,347

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		41		64		108	
April	23		37		60		88	
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	45	370	62	572	107	751	122
MONTHLY AVERAGE	17	22	31	31	48	53	63	61

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 FEBRUARY

Condition of Furnace	Number of Furnaces	Total Daily Capacity	
		Long tons	Per cent
In blast.....	5	1,825	36
Banked	-	-	-
Blown out.....	10	3,200	64
Total furnaces reporting	15	5,025	100

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