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DOMINION BUREAU OF STATISTICS

Monthly Report
of the
PRODUCTION OF IRON AND STEEL
IN CANADA

MAY, 1925

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PRODUCTION OF IRON AND STEEL IN CANADA MAY 1925

PIG IRON AND FERRO-ALLOYS

During the month of May the production of pig iron in Canada was 63,204 long tons. This output exceeded the 60,065 tons of April by 5 per cent and with the exception of the 63,932 tons of March this year was the greatest tonnage recorded since May, 1924. During the month under review no foundry or malleable iron was produced, the entire output consisting of basic pig iron made for the further use of the reporting firms.

For the five months ending May the cumulative production was 245,009 tons as compared with 370,142 tons in the same period last year. The year's output to date has consisted of 213,791 tons basic iron; 18,621 tons foundry iron and 12,597 tons of malleable iron.

Blast furnace charges in May consisted of 2,340 long tons Canadian ore, 114,396 long tons of imported ore, and 69,107 short tons of coke and 36,057 short tons of limestone.

Five furnaces were in blast at the end of the month located as follows: 2 at Sydney, N.S.; 2 at Sault Ste. Marie, Ont., and 1 at Hamilton, Ont. The daily capacity of the active furnaces was 2,075 tons or about 41 per cent of the possible daily output of all the blast furnaces in the Dominion.

Ferro-alloys at 2,293 tons marked a slight increase over the 2,262 tons of April and consisted mostly of the grade containing 80 per cent manganese. A small quantity of ferro-silicon was also produced.

PIG IRON AND FERRO ALLOYS IN CANADA

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

ITEM	MAY 1925			APRIL 1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic	63,204		63,204	52,851		52,851
Foundry					2,899	2,899
Malleable					4,315	4,315
TOTAL	63,204		63,204	52,851	7,214	60,065
Ferro-alloys		2,293	2,293		2,262	2,262

Table 2. CUMULATIVE PRODUCTION FOR THE FIVE MONTHS ENDING MAY
(Tons of 2240 lb.)

ITEM	1925			1924		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic	213,447	344	213,791	259,838	4,317	264,155
Foundry	85	18,536	18,621	369	87,443	87,812
Malleable		12,597	12,597		18,175	18,175
TOTAL	213,532	31,477	245,009	260,207	109,935	370,142
Ferro-alloys		9,988	9,988		13,660	13,660

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

		May	April	TOTAL 5 months
Canadian Iron ore	Long tons	2,340	2,375	4,715
Imported Iron ore	" "	114,396	109,156	448,460
Coke	Short tons	69,107	65,564	270,974
Limestone	" "	36,057	35,379	137,361

STEEL INGOTS AND CASTINGS

In May the production of steel ingots and castings in Canada advanced to 100,250 long tons or 13 per cent over the 88,355 tons of April. Although steel castings fell slightly to 1,637 tons from the 1,883 tons of the previous month, this loss was more than offset by the advance in the tonnage of steel ingots which rose to 98,613 tons as compared with 86,472 tons in April.

For the first five months of the year the total output of steel ingots and castings was 360,557 tons or 14 per cent under the tonnage produced in the same period of 1924. This output was comprised of 352,421 tons steel ingots and 8,136 tons steel castings, all of the ingots and 8 per cent of the castings being intended for the further use of the reporting firms.

Pig iron prices moved downward in May, No. 1 foundry at Toronto being quoted at \$26.10 and No. 2 at \$25.60 per ton as compared with \$27.10 and \$26.60 respectively in April. At Montreal both grades declined from \$29.20 in April to \$28.00 in May. The Bureau's index number for iron and its products (1913 prices = 100) fell from 155.6 to 153.8.

In the United States the output of pig iron fell 13 per cent to a daily average of 94,542 tons as compared with 108,632 tons per day in April. There were 28 furnaces blown out or banked and 4 blown in, a net loss of 24.

STEEL INGOTS AND CASTINGS IN CANADA

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

	MAY 1925			APRIL 1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	98,613		98,613	86,366		86,366
Acid						
Bessemer						
Other				106		106
TOTAL STEEL INGOTS	98,613		98,613	86,472		86,472
STEEL CASTINGS:						
Open Hearth-Basic	148	667	815	181	852	1,033
Acid						
Bessemer	6	122	128	4	132	136
Electric	3	691	694	3	711	714
TOTAL DIRECT STEEL CASTINGS	157	1,480	1,637	188	1,695	1,883
GRAND TOTAL	98,770	1,480	100,250	86,660	1,695	88,355

Table 5 CUMULATIVE PRODUCTION For the FIVE MONTHS ending MAY

	1925			1924		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	350,728		350,728	402,353		402,353
Acid						
Bessemer						
Other	1,693		1,693	805		805
TOTAL STEEL INGOTS	352,421		352,421	403,158		403,158
STEEL CASTINGS:						
Open Hearth-Basic	586	3,518	4,104	799	11,684	12,483
Acid					782	782
Bessemer	24	612	636	26	699	725
Electric	12	3,384	3,396	121	2,550	2,671
TOTAL DIRECT STEEL CASTINGS	622	7,514	8,136	946	15,715	16,661
GRAND TOTAL	353,043	7,514	360,557	404,104	15,715	419,819

Table 6 AVERAGE MONTHLY PRODUCTION OF

PIG IRON, STEEL INGOTS AND CASTINGS

IN CANADA, 1911 - 1920.

(In 1000's of Long Tons)

YEAR	MONTHLY AVERAGE		YEAR	MONTHLY AVERAGE	
	Iron	Steel		Iron	Steel
1911	68	66	1916	87	106
1912	75	71	1917	87	130
1913	84	87	1918	89	140
1914	58	62	1919	68	77
1915	68	76	1920	81	92

TABLE 7 TOTAL PRODUCTION OF

PIG IRON, STEEL INGOTS AND CASTINGS IN CANADA

BY MONTHS FROM 1921 TO DATE

(In 1000's of Long Tons)

MONTH	1921		1922		1923		1924		1925	
	Iron	Steel	Iron	Steel	Iron	Steel	Iron	Steel	Iron	Steel
January	41	40	32	33	41	48	64	41	28	27
February	58	59	34	42	44	46	60	71	30	37
March	60	53	42	30	65	89	77	95	64	108
April	39	27	33	22	84	93	84	104	60	88
May	56	52	23	17	102	104	85	108	63	100
June	55	64	29	33	99	96	57	69		
July	54	54	32	63	82	74	45	52		
August	50	72	27	59	93	105	23	23		
September	44	56	25	36	75	66	23	18		
October	50	72	37	53	74	67	29	20		
November	48	75	34	51	62	55	23	23		
December	40	43	36	47	60	41	23	26		
TOTAL	595	667	384	486	881	884	593	650	245	360
MONTHLY AVERAGE	50	56	32	40	73	74	49	54	49	72

Table 8. BLAST FURNACES IN CANADA, 1925

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

NOTE: In previous issues of this report, the number of furnaces has been given as 20 but as 5 of this number have not been operated for several years, they have been omitted from the present record.

Table 9. DESCRIPTION OF FURNACES AT END OF MAY

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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