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DOMINION BUREAU OF STATISTICS

Monthly Report
of the
PRODUCTION OF IRON AND STEEL
IN CANADA

NOVEMBER, 1924

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PRODUCTION OF IRON AND STEEL IN CANADA

PIG IRON AND FERRO-ALLOYS IN NOVEMBER, 1924

The production of pig iron in Canada during November amounting to 22,994 gross tons was 20 per cent under the October output of 28,626 tons and was the lowest monthly output recorded during the past four years. No basic pig iron was made in October, but the November returns showed 3,594 tons, 63 per cent of which was for the further use of the reporting firms. Foundry iron dropped 15 per cent to 19,400 tons as compared with 22,909 tons in October. No malleable iron was made in November.

The cumulative production of pig iron for the eleven months ending November was 570,480 tons comprising 341,674 tons basic, 180,379 tons foundry, and 48,427 tons of malleable iron. The average monthly output was 52,000 tons this year as against 75,000 tons per month last year, 32,000 tons in 1922 and an average of 50,000 tons in 1921.

The output of 1,373 tons of ferro-alloys showed little change from the 1,350 tons produced in October.

During the month one furnace at Sydney, N.S. was banked leaving two in blast on November 30th. viz., one at Sault Ste. Marie, Ont., and one at Hamilton, Ont.

In the United States 27 furnaces were blown in during November (fully two-thirds of the 27 after November 15th) and 4 were blown out making a net gain of 23 as compared with a net gain of 9 in October. The production of pig iron rose to 2,509,673 tons or 4.5 per cent over the 2,477,127 tons of October. The increase over October averaged 3,749 tons per day.

Table 1 (a) shows the production of pig iron by grades, and ferro-alloys during the month. For comparison Table 1 (b) shows the corresponding data for the preceding month and Table 1 (c) shows the total output of pig iron and ferro-alloys for the eleven months ending November, 1924.

PIG IRON AND FERRO-ALLOYS PRODUCTION (Tons of 2240 lbs.)

Table 1 (a) - November - 1924.

	IN BLAST FURNACES		IN ELECTRIC FURNACES		TOTAL PRODUCTION
	For Own Use	For Sale	For Own Use	For Sale	
PIG IRON:					
Basic	2,272	1,322	-	-	3,594
Foundry	2	19,398	-	-	19,400
Malleable	-	-	-	-	-
All other	-	-	-	-	-
TOTAL PIG IRON	2,274	20,720	-	-	22,994
TOTAL FERRO-ALLOYS	-	-	-	1,373	1,373

Table 1 (b) - October - 1924.

PIG IRON:					
Basic	-	-	-	-	-
Foundry	7	22,902	-	-	22,909
Malleable	-	5,717	-	-	5,717
All other	-	-	-	-	-
TOTAL PIG IRON	7	28,619	-	-	28,626
TOTAL FERRO-ALLOYS	-	-	-	1,350	1,350

Table 1 (c) - TOTAL for the Eleven months ending November, 1924.

PIG IRON:					
Basic	335,115	6,559	-	-	341,674
Foundry	1,512	178,867	-	-	180,379
Malleable	7,640	40,787	-	-	48,427
All other	-	-	-	-	-
TOTAL PIG IRON	344,267	226,213	-	-	570,480
TOTAL FERRO-ALLOYS	-	-	-	24,781	24,781

No. of blast furnaces:

	First of Month	End of Month
ACTIVE	3	2
IDLE	17	18

Table 3 (a) shows the average monthly production of pig iron in Canada for the ten-year period from 1911 to 1920, inclusive, and Table 3 (b) shows the actual production by months for the years 1921 to date.

Table 2 (a)

PRODUCTION OF STEEL INGOTS AND CASTINGS IN CANADA
FOR THE CURRENT AND PRECEDING MONTH
(Tons of 2240 lbs.)

	OCTOBER 1924			NOVEMBER 1924		
	For Own Use	For Sale	Total	For Own Use	For Sale	Total
STEEL INGOTS:						
Open Hearth-Basic	18,572		18,572	20,510		20,510
Acid						
Bessemer						
Other	489		489	1,537		1,537
TOTAL STEEL INGOTS	19,061		19,061	22,047		22,047
STEEL CASTINGS:						
Open Hearth-Basic	23	439	462	49	261	310
Acid						
Bessemer	2	67	69	4	68	72
Electric	1	403	404	1	314	315
TOTAL DIRECT STEEL CASTINGS	26	909	935	54	643	697
GRAND TOTAL	19,087	909	19,996	22,101	643	22,744

Table 2 (b)

TOTAL PRODUCTION OF STEEL INGOTS AND CASTINGS IN CANADA
For the ELEVEN MONTHS ending NOVEMBER, 1924.

	For Own Use	For Sale	Total Production
STEEL INGOTS:			
Open Hearth-Basic	595,627		595,627
Acid			
Bessemer			
Other	3,964		3,964
TOTAL STEEL INGOTS	599,591		599,591
STEEL CASTINGS:			
Open Hearth-Basic	1,210	16,159	17,369
Acid		782	782
Bessemer	48	1,239	1,285
Electric	141	5,283	5,424
TOTAL DIRECT STEEL CASTINGS	1,399	23,463	24,860
GRAND TOTAL	600,990	23,463	624,451

STEEL INGOTS AND CASTINGS

During November the output of steel ingots and castings advanced to 22,744 tons or 14 per cent over the 19,996 tons of October. While the production of 697 tons direct steel castings marked a decline from the 935 tons in October, this was more than offset by the increase in the quantity of steel ingots produced. Steel ingots rose 16 per cent to 22,047 tons including 20,510 tons basic open hearth and 1,537 tons alloy steel ingots. The output of ingots in October was 18,572 tons basic open hearth and 489 tons alloy steel ingots.

The cumulative output of steel ingots and castings for the eleven months ending November was 624,451 tons comprising 599,591 tons steel ingots and 24,860 tons steel castings. The average monthly production to date this year, was 57,000 tons as compared with 77,000 tons per month for the corresponding period last year; 40,000 tons in 1922, and 57,000 tons in 1921.

Pig iron prices were unchanged on the 15th of November as compared with the 15th of October, No. 1 Foundry at Toronto still being quoted at \$26.30 and No. 2 at \$25.80 per ton. At Montreal, both grades were \$27.70 per ton. The Bureau's index number for iron and its products based on prices at the middle of the month, (1913 prices = 100), showed no change as compared with October being 155.2 for both months. Towards the end of the month prices were rising. No. 1 Foundry at Toronto was quoted at \$27.30 and No. 2 at \$26.80. At Montreal No. 1 Foundry was \$28.70 and No. 2 \$28.20.

Table 2 (a) shows the production of steel ingots and castings in Canada during the month just closed and the month immediately preceding. For comparison Table 2 (b) shows the total production by grades, of steel ingots and castings for the eleven months ending November, 1924.

Table 3 (A). 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 3 (B) 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	
	Iron	Steel	Iron	Steel	Iron	Steel	Iron	Steel
January	41	40	32	33	41	48	64	41
February	58	59	34	42	44	46	60	71
March	60	53	42	30	65	89	77	95
April	39	27	33	22	84	93	84	104
May	56	52	23	17	102	104	85	108
June	55	64	29	33	99	96	57	69
July	54	54	32	63	82	74	45	52
August	50	72	27	39	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		
TOTAL	595	667	384	466	881	884	570	624
MONTHLY AVERAGE	50	56	32	40	73	74	52	57

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