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of the
PRODUCTION OF IRON AND STEEL
IN CANADA

NOVEMBER, 1926

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PRODUCTION OF IRON AND STEEL IN CANADA

November 1926

PIG IRON AND FERRO-ALLOYS - Production of pig iron in Canada during November totalled 52,345 long tons, a decline of 25 per cent from the 70,124 tons reported for the previous month. In November of last year, production was reported at 68,535 tons, a drop of 7 per cent from the output in October, 1925.

In the month under review, the output included 24,427 tons of basic iron as against 46,119 tons in October; 686 tons of malleable iron as compared with 954 tons; and 27,232 tons of foundry iron as against 23,051 tons in the previous month.

For the eleven months ending November, the cumulative production of pig iron was 683,532 tons, an increase of 33 per cent over the 515,508 tons produced in the corresponding period of 1925. For the current year, the output included 442,349 tons of basic iron, 199,535 tons of foundry iron and 41,648 tons of malleable iron.

Furnace charges during November included 93,659 long tons of imported iron ore, 58,627 short tons of coke and 28,554 short tons of limestone. For the year to date, furnace charges totalled 1,216,016 long tons of imported iron ore, 732,392 short tons of coke and 369,660 short tons of limestone.

During the month 1 furnace was blown out at Sault Ste. Marie leaving only 5 furnaces in blast on November 30th. The active furnaces had a daily capacity of 1,825 long tons or 36 per cent of total capacity of all blast furnaces in Canada and were located as follows: 1 at Sault Ste. Marie, Ont., 2 at Hamilton, Ont., and 2 at Sydney, N.S.

Production of ferro-alloys in November fell off slightly to 3,308 tons from 3,559 tons in the previous month; most of the output was ferromanganese but there was also a small production of ferrosilicon.

STEEL INGOTS AND CASTINGS

Reflecting the lower output of pig iron the production of steel ingots and direct steel castings in Canada during November at 54,311 long tons marked a drop of 15 per cent below the 63,542 tons reported for October. Decreased production was due entirely to the lessened output of steel ingots which stood at 52,116 tons as compared with 61,415 tons in October; the tonnage of direct steel castings rose slightly to 2,195 tons from 2,127 tons in the previous month.

For the first eleven months of the year the cumulative production totalled 718,395 tons, an increase of 4 per cent over the 690,342 tons reported for the corresponding period of last year. This year's output included 687,240 tons of ingots and 31,155 tons of direct castings.

Pig iron prices again moved to higher levels during November, No. 1 foundry at Toronto being quoted at \$25.80 as compared with \$25.00 in October, and No. 2 foundry \$25.30 as compared with \$24.80. At Montreal No. 1 foundry was \$28.20 and No. 2 foundry, \$27.70 in November as compared with \$27.70 and \$27.20 respectively in October. Basic pig iron at mill advance from \$21.00 to \$22.00. The Bureau's index number for iron and its products (1913=100) rose from 145.1 in October to 145.7 in November.

In the United States the production of pig iron in November showed a gain of 330 tons per day over the daily average for October. Seven furnaces were blown in and 9 blown out or banked, a net loss of 2 for the month.

PIG IRON AND FERRO-ALLOYS IN CANADA

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

ITEM	NOVEMBER 1926			OCTOBER 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	23,519	908	24,427	41,636	4,483	46,119
Foundry.....	310	26,922	27,232	305	22,746	23,051
Malleable.....		686	686		954	954
TOTAL.....	23,829	28,516	52,345	41,941	28,183	70,124
Ferro-alloys.....		3,308	3,308		3,559	3,559

Table 2. CUMULATIVE PRODUCTION FOR THE ELEVEN MONTHS ENDING NOVEMBER
(Tons of 2240 lb.)

ITEM	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	424,591	17,758	442,349	384,485	1,710	386,195
Foundry.....	2,199	197,336	199,535	235	99,787	100,022
Malleable.....		41,648	41,648	936	28,355	29,291
TOTAL.....	426,790	256,742	683,532	385,656	129,852	515,508
Ferro-alloys.....		34,150	34,150		22,701	22,701

Table 3. BLAST FURNACE CHARGES - NOVEMBER, OCTOBER AND YEAR TO DATE

		NOVEMBER	OCTOBER	* YEAR TO DATE
Canadian Iron ore	Long tons			
Imported Iron ore	" "	93,659	123,329	1,216,016
Coke	Short tons	58,627	78,684	762,392
Limestone	" "	28,554	36,554	369,660

* Revised.

STEEL INGOTS AND CASTINGS IN CANADA

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

	NOVEMBER 1926			OCTOBER 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	51,246		51,246	50,431		50,431
Acid						
Bessemer						
Other	870		870	984		984
TOTAL STEEL INGOTS	52,116		52,116	61,415		61,415
STEEL CASTINGS:						
Open Hearth-Basic	103	1,037	1,140	157	796	953
Acid						
Bessemer	12	115	127	7	157	164
Electric	18	910	928	39	971	1,010
TOTAL DIRECT STEEL CASTINGS	133	2,062	2,195	203	1,924	2,127
GRAND TOTAL	52,249	2,062	54,311	61,618	1,924	63,542

Table 5 CUMULATIVE PRODUCTION for the ELEVEN MONTHS ending NOVEMBER

	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	672,155	25	672,180	663,059		663,059
Acid						
Bessemer						
Other	15,060		15,060	10,097		10,097
TOTAL STEEL INGOTS	687,215	25	687,240	673,156		673,156
STEEL CASTINGS:						
Open Hearth-Basic	1,753	16,673	18,426	1,340	5,967	7,307
Acid						
Bessemer	77	1,421	1,498	67	1,537	1,604
Electric	82	11,149	11,231	33	7,242	7,275
TOTAL DIRECT STEEL CASTINGS	1,912	29,243	31,155	1,440	15,746	17,186
GRAND TOTAL	689,127	29,268	718,395	674,596	15,746	690,342

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	63	75	1921	50	56
1916	57	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	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	22	39	51	63	73	100	90
June	20	21	26	50	46	71	63	81
July	-	20	21	47	21	67	22	65
August	4	14	23	45	27	59	25	46
September	12	18	23	46	35	64	37	59
October	26	22	48	48	74	70	109	64
November	29	22	40	30	69	52	73	54
December	24		31		55		62	
TOTAL	202	227	370	457	572	684	751	720
MONTHLY AVERAGE	17	21	31	42	48	62	63	63

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 NOVEMBER

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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