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Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.

PRODUCTION OF IRON AND STEEL IN CANADA

FEBRUARY, 1936

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PIG IRON - Production of pig iron in Canada at 55,751 tons in February was 9 per cent under the 61,336 tons made in the previous month but 50 per cent over 37,259 tons made in February of a year ago. Compared with data for January the figures for this month showed lower outputs for all grades, the decline in malleable iron being to 1,999 tons from 5,112 tons, in foundry iron to 10,064 tons from 12,108 tons and in basic iron to 43,688 tons from 44,113 tons.

Blast furnace charges during the month included 98,951 long tons of imported iron ore, 27,814 short tons of limestone and 57,686 short tons of coke. On February 25, one furnace at Port Colborne, Ont., was banked leaving 4 furnaces in blast at the end of the month. The active furnaces represented 39 per cent of the total Canadian capacity and were located as follows: 2 at Sydney, N. S., 1 at Hamilton, Ont., and 1 at Sault Ste Marie, Ont.

FERRO-ALLOYS - Output of ferro-alloys amounted to 5,114 tons in February as against 4,324 tons in January of this year and 2,700 tons in February, 1935. This month's total was made up largely of spiegeleisen, ferrosilicon, ferromanganese and a comparatively small tonnage of ferrochrome.

STEEL INGOTS AND CASTINGS - Production of steel ingots and castings totalled 93,365 tons during February as compared with 100,225 tons in the next preceding month and 56,006 tons in February, 1935. Steel ingots dropped to 90,447 tons from 96,810 tons in January and steel castings declined to 2,918 tons from 3,415 tons.

PRICES - Firm prices and increased volume of business featured the iron and steel products industry in February. Steady orders for spot delivery of small tonnages were reported from an increased variety of sources, but major demand originated from industries manufacturing automobiles and agricultural implements. Some sizable deliveries of scrap against contract were recorded.

The Dominion Bureau of Statistics index number of wholesale prices of "Iron and Its Products" on the base 1926=100, rose from 87.2 in January to 87.3 in February chiefly because of higher prices for steel sheets. Foundry pig iron quotations were unchanged. No. 1 was \$23.00 and No. 2, \$22.50 per long ton, delivered at Montreal. These respective grades delivered at Toronto were \$21.50 and \$21.00 per long ton.

UNITED STATES - In the United States the production of pig iron declined to 63,034 tons a day in February or 3.5 per cent below the January daily rate of 65,351 tons. During the month six stacks were blown in and two blown out or banked, a net gain of four active furnaces.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production during February and January, 1936.

(Tons of 2,240 lb.)

Item	FEBRUARY, 1936			JANUARY, 1936		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>Pig Iron -</u>						
Basic	43,194	494	43,688	43,947	169	44,116
Foundry	299	9,765	10,064	55	12,053	12,108
Malleable	-	1,999	1,999	-	5,112	5,112
TOTAL	43,493	12,258	55,751	44,002	17,334	61,336
Ferro-alloys	-	5,114	5,114	-	4,324	4,324

Table 2 - Cumulative Production for the TWO MONTHS ending FEBRUARY, 1936 and 1935.
(Tons of 2,240 lb.)

Item	1 9 3 6			1 9 3 5		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>Pig Iron -</u>						
Basic	87,141	663	87,804	56,502	38	56,540
Foundry	354	21,818	22,172	-	20,482	20,482
Malleable	-	7,111	7,111	138	4,515	4,653
TOTAL	87,495	29,592	117,087	56,640	25,035	81,675
Ferro-alloys	-	9,438	9,438	-	5,507	5,057

Table 3 - Iron Blast Furnace Charges, FEBRUARY, JANUARY and YEAR TO DATE, 1936.

	FEBRUARY 1936	JANUARY 1936	YEAR to date
Imported iron ore	98,951	105,342	204,293
Canadian limestone	9,778	11,307	21,085
Imported limestone	18,036	19,214	37,250
Coke made in Canada -			
From Canadian coal	24,729	21,493	46,222
From imported coal	25,292	27,191	52,483
Imported coke	7,665	10,310	17,975

(b) STEEL INGOTS AND DIRECT CASTINGS

Table 4 - Production for FEBRUARY and JANUARY, 1936.

(Tons of 2,240 lb.)

Item	FEBRUARY, 1936			JANUARY, 1936.		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic	87,814	...	87,814	94,206	105	94,311
Electric	2,633	...	2,633	2,499	...	2,499
Other .....	...	...	...	...	...	...
Total Steel Ingots	90,447	...	90,447	96,705	105	96,810
<u>STEEL CASTINGS</u>						
Open hearth - Basic	109	905	1,014	135	1,081	1,216
Bessemer .....	...	47	47	...	46	46
Electric	263	1,594	1,857	298	1,855	2,153
Total Direct Steel Castings	372	2,546	2,918	433	2,982	3,415
GRAND TOTAL	90,819	2,546	93,365	97,138	3,087	100,225

Table 5 - Cumulative Production for the TWO MONTHS ending FEBRUARY, 1936 and 1935.

Item	1 9 3 6			1 9 3 5		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic	182,020	105	182,125	108,179	107	108,286
Electric	5,132	...	5,132	...	...	...
Other .....	...	...	...	3,647	...	3,647
Total Steel Ingots	187,152	105	187,257	111,826	107	111,933
<u>STEEL CASTINGS</u>						
Open hearth - Basic	244	1,986	2,230	260	822	1,082
Bessemer .....	...	93	93	...	114	114
Electric	561	3,449	4,010	88	2,315	2,403
Total Direct Steel Castings	805	5,528	6,333	348	3,251	3,599
GRAND TOTAL	187,957	5,633	193,590	112,174	3,358	115,532

Table 6 - Average Monthly Production of Pig Iron, Steel Ingots and Castings in Canada, 1916 - 1935. (in 1000's of long tons)

Years	Monthly Average		Years	Monthly Average	
	Iron	Steel		Iron	Steel
1916	87	106	1926	63	64
1917	87	130	1927	59	76
1918	89	140	1928	86	103
1919	68	77	1929	91	115
1920	81	92	1930	62	84
1921	50	56	1931	36	56
1922	32	40	1932	12	29
1923	73	74	1933	19	34
1924	49	54	1934	34	63
1925	48	63	1935	50	78



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Table 7 - Production of Pig Iron by Months and by Provinces, and Steel Ingots and Castings by Months, in Canada, 1935 and 1936. (In 1000's of long tons)

Months	P I G		I R O N		T O T A L C A N A D A		S T E E L	
	NOVA SCOTIA		ONTARIO		T O T A L C A N A D A		T O T A L C A N A D A	
	1935	1936	1935	1936	1935	1936	1935	1936
January	17	18	27	43	44	61	60	100
February	16	21	21	35	37	56	56	93
March	17		28		45		58	
April	16		27		43		69	
May	16		29		45		73	
June	15		30		45		73	
July	17		34		51		86	
August	17		37		54		82	
September	17		37		54		91	
October	11		35		46		95	
November	23		42		65		94	
December	26		45		71		99	
TOTAL ...	208	39	392	78	600	117	936	193
Monthly Average	17	19	33	39	50	58	78	97

Table 8 - Iron Blast Furnaces in Canada, 1936.

Names of Companies	Location of furnaces	Number of Stacks	Total Daily Capacity (Long tons)
Dominion Steel & Coal Corp. Ltd.	Sydney, N. S.	4	1,450
Canadian Furnace Co. Ltd.	Port Colborne, Ont.	1	350
The Steel Company of Canada, Ltd.	Hamilton, Ont.	2	825
Algoma Steel Corporation, Ltd.	Sault Ste. Marie	4	1,600

Table 9 - Description of Furnaces at end of FEBRUARY, 1936.

Condition of furnace	Number of furnaces	TOTAL DAILY CAPACITY	
		Long tons	Per cent
In blast	4	1,650	39
Banked	1	350	8
Blown out	6	2,225	53
Total Furnaces Reporting	11	4,225	100

NOTE - Figures in this report are the latest available at time of printing. Where necessary, data for earlier months have been revised.