

Published by Authority of the HON. W. D. EULER, M.P.
Minister of Trade and Commerce

Price -
10 cents

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

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.

MONTHLY REPORT

PRODUCTION OF IRON AND STEEL IN CANADA

FEBRUARY, 1938.

PIG IRON - Production of pig iron in Canada during February totalled 61,447 long tons compared with 74,862 tons in the previous month and 61,995 tons in February of a year ago. The current month's output included 53,782 tons of basic iron, 2,347 tons of foundry iron and 5,318 tons of malleable iron.

Furnace charges during the month included 108,980 long tons of imported iron ore, 61,700 short tons of coke and 31,380 short tons of limestone.

FERRO-ALLOYS - Output of ferro-alloys in February amounted to 4,436 tons, the corresponding total for January being 5,497 tons and for February of last year 5,668 tons.

STEEL INGOTS AND CASTINGS - During February 98,980 tons of steel ingots and castings were produced in Canada, a decline of 12 per cent from the January total of 112,380 tons and 15 per cent from the output of 115,759 tons for February of last year. The total for the month under review included 95,025 tons of ingots and 3,955 tons of direct castings; practically all of the ingots and nearly three-eighths of the castings were intended for the further use of the producer.

PRICES - Only minor price revisions occurred during February. New business increased, but sales were largely for spot delivery. Steel mills were reported fairly well supplied with orders for the first quarter and operations were maintained close to capacity levels. Improved demand from the mining industry and from concerns manufacturing automobiles and agricultural implements was the chief sustaining factor but railroad awards also stimulated trading. The Dominion Bureau of Statistics index number of wholesale prices of "Iron and Its Products" on the base 1926 = 100 fell from 103.9 in January to 103.7 in February due chiefly to lower quotations for galvanized steel sheets. Pig iron prices were unchanged, No. 1 foundry being \$27.00 per gross ton delivered at Montreal and \$26.50 per ton delivered at Toronto.

UNITED STATES - (Iron Age) - Production of coke pig iron in the United States at 46,367 tons a day during February was 0.6 per cent over the daily rate in January of 46,100 tons. During the month four furnaces were put in blast and four blown out or banked.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production during February and January 1938. (Tons of 2,240 pounds)

	FEBRUARY, 1938			JANUARY, 1938		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
PIG IRON -						
Basic.....	52,224	1,558	53,782	55,601	-	55,601
Foundry	-	2,347	2,347	-	9,648	9,648
Malleable	-	5,318	5,318	582	9,031	9,613
TOTAL	52,224	9,223	61,447	56,183	18,679	74,862
Ferro-alloys	-	4,436	4,436	-	5,497	5,497

Table 2. - Cumulative Production for the TWO MONTHS ending February, 1938 and 1937.
(Tons of 2,240 pounds)

	1 9 3 8			1 9 3 7		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
PIG IRON -						
Basic	107,825	1,558	109,383	108,269	5,070	113,339
Foundry	-	11,995	11,995	-	7,962	7,962
Malleable	582	14,349	14,931	-	7,094	7,094
TOTAL	108,407	27,902	136,309	108,269	20,126	128,395
Ferro-alloys	-	9,933	9,933	-	12,187	12,187

Table 3. - Iron Blast Furnace Charges during February, January and YEAR TO DATE.

	UNIT	FEBRUARY	JANUARY	YEAR TO DATE
Imported iron ore	Long tons	108,980	125,987	234,967
Coke	Short tons	61,700	74,076	135,776
Limestone	Short tons	31,380	37,130	68,510

(b) STEEL INGOTS AND CASTINGS

Table 4. - Production for FEBRUARY and JANUARY 1938. (Tons of 2,240 pounds)

	FEBRUARY, 1938			JANUARY, 1938		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
STEEL INGOTS -						
Open hearth - Basic	89,190	26	89,216	100,861	64	100,925
Electric	5,809	-	5,809	6,935	-	6,935
Other	-	-	-	-	-	-
TOTAL STEEL INGOTS .	94,999	26	95,025	107,796	64	107,860
STEEL CASTINGS -						
Open hearth - Basic	180	1,107	1,287	192	1,108	1,300
Bessemer	-	50	50	-	71	71
Electric	1,354	1,264	2,618	736	2,413	3,149
TOTAL DIRECT STEEL CASTINGS	1,534	2,421	3,955	928	3,592	4,520
GRAND TOTAL	96,533	2,447	98,980	108,724	3,656	112,380

Table 5. - Cumulative Production for the TWO MONTHS ending FEBRUARY, 1938 and 1937.

	1 9 3 8			:	1 9 3 7		
	For own use	For sale	TOTAL	:	For own use	For sale	TOTAL
STEEL INGOTS -							
Open hearth - Basic ...	190,051	90	190,141		211,168	160	211,328
Electric	12,744	-	12,744		10,180	-	10,180
Other	-	-	-		-	-	-
TOTAL STEEL INGOTS ...	202,795	90	202,885		221,348	160	221,508
STEEL CASTINGS -							
Open hearth - Basic ...	372	2,215	2,587		431	2,870	3,301
Bessemer	-	121	121		-	141	141
Electric	2,090	3,677	5,767		1,200	4,846	6,046
TOTAL DIRECT STEEL CASTINGS	2,462	6,013	8,475		1,631	7,857	9,488
GRAND TOTAL	205,257	6,103	211,360		222,979	8,017	230,996

Table 6 - Average Monthly Production of Pig Iron, Steel Ingots and Castings in Canada, 1916-1937. (In 1000's of long tons)

Years	Monthly Average		Years	Monthly Average	
	Iron	Steel		Iron	Steel
1916	87	106	1927	59	76
1917	87	130	1928	86	103
1918	89	140	1929	91	115
1919	68	77	1930	62	84
1920	81	92	1931	36	56
1921	50	56	1932	12	29
1922	32	40	1933	19	34
1923	73	74	1934	34	63
1924	49	54	1935	50	78
1925	48	63	1936	56	93
1926	63	64	1937	75	117

Table 7 - Production of Pig Iron, by Months and by Provinces, and Steel Ingots and Castings, by Months, 1937 and 1938. (In 1000's of long tons)

Month	P I G I R O N				: S T E E L			
	NOVA SCOTIA		ONTARIO		TOTAL CANADA		: TOTAL CANADA	
	1937	1938	1937	1938	1937	1938	: 1937	1938
January	28	29	38	46	66	75	115	112
February	25	24	37	37	62	61	112	99
March	29		42		71		125	
April	28		40		68		121	
May	27		51		78		121	
June	27		51		78		119	
July	26		54		80		123	
August	26		49		75		127	
September	26		50		76		115	
October	25		56		81		115	
November	27		54		81		111	
December	28		53		81		98	
TOTAL FOR YEAR ...	322	53	575	83	897	136	1,402	211
Monthly Average	27	26	48	42	75	68	117	106



1010636250

- 4 -

Table 8 - Iron Blast Furnaces in Canada, 1937.

Names of Companies	Location of Furnaces	Number of Stacks	Total Daily Capacity (Long tons)
Dominion Steel and Coal Corp. Ltd.	Sydney, N.S.	3	1,200
Canadian Furnace Limited	Pt. Colborne, Ont.	1	350
The Steel Company of Canada, Limited	Hamilton, Ont.	2	825
The Algoma Steel Corporation, Ltd.	Sault Ste. Marie, Ont.	4	1,600

Table 9 - Description of Furnaces at end of FEBRUARY, 1938.

Condition of Furnaces	Number of Furnaces	Total Daily Capacity	
		Long tons	Per cent
In blast	6	2,525	64
Banked
Blown out	4	1,450	36
Total Furnaces Reporting ..	10	3,975	100

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