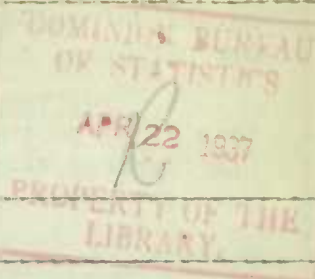


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Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B. Sc.

MONTHLY REPORT

Historical File Copy

PRODUCTION OF IRON AND STEEL IN CANADA

MARCH, 1937

PIG IRON - Production of pig iron in Canada at 70,986 tons in March compares with 61,995 tons in the previous month and 55,009 tons in March, 1936. This month's output included 61,891 tons of basic iron, 836 tons of foundry iron and 8,259 tons of malleable iron.

Blast furnace charges for the month included 132,807 long tons of imported iron ore, 38,620 short tons of limestone and 69,869 short tons of coke. Of the limestone 13,314 tons were quarried in Canada and all of the coke was produced in this country including 30,532 tons from Canadian coal.

For the three months ending March a total 376,349 long tons of ore, 107,281 tons of limestone and 195,603 tons of coke were charged to iron blast furnaces in Canada to make 199,381 tons of pig iron. The corresponding totals for the first quarters of 1936 and 1935 amounted to 172,096 tons and 126,402 tons, respectively.

FERRO-ALLOYS - Output of ferro-alloys at 3,868 tons during March compares with 5,668 tons in February and 5,455 tons in March of a year ago. The month's total included such alloys as ferro-manganese, ferro-silicon, and silico manganese.

STEEL INGOTS AND CASTINGS - Production of steel ingots and castings totalled 125,104 tons in March as against 111,823 tons in the previous month and 101,092 tons in March of last year and was the greatest tonnage reported for any month since July, 1929, when 129,827 tons were made.

For the three months ending March the cumulative output amounted to 352,164 tons as compared with 294,682 tons and 173,372 tons during the first quarters of 1936 and 1935, respectively.

PRICES - The placing of substantial orders by railways was the chief supporting factor in March but other industries, particularly the mining, automobile and agricultural implements industries, displayed keen interest. Plant operations increased and contracts for considerable tonnages were stated to have been placed by the British Government with Canadian firms. Considerable replacement of machinery and improvement and expansion in plants were reported. Sales of pig iron rose as scrap material became more difficult to obtain. Prices also advanced and the higher levels attracted more active competition from United States producers. Pig iron quotations moved up \$3.00 per ton between February and March. No. 1 foundry, delivered at Montreal, mounted from \$25.00 per long ton in February to \$28.00 per long ton in March and from \$23.00 to \$26.00 per long ton, delivered at Toronto. No. 2 foundry was \$27.50 and \$25.50 per long ton at these respective centres.

The Dominion Bureau of Statistics index number of wholesale prices on the base 1926 = 100 advanced from 94.6 in February to 101.6 in March with the major gains shown in quotations for pig iron, rolling mill products and scrap.

UNITED STATES - Production of pig iron in the United States averaged 111,596 tons a day during March, an increase of 4.2 per cent over the 107,115 tons a day in February. Six furnaces were put in blast during the month and none was taken off.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production during March and February, 1937.				(Tons of 2,240 lb.)		
MARCH, 1937				FEBRUARY, 1937		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
PIG IRON -						
Basic .....	61,891	...	61,891	50,378	5,070	55,448
Foundry .....	...	836	836	...	...	...
Malleable .....	...	8,259	8,259	153	6,394	6,547
TOTAL .....	61,891	9,095	70,986	50,531	11,464	61,995
Ferro-alloys .....	...	3,868	3,868	...	5,668	5,668

Table 2 - Cumulative Production for the THREE MONTHS ending MARCH, 1937 and 1936.  
(Tons of 2,240 lb.)

1 9 3 7			1 9 3 6			
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
PIG IRON -						
Basic .....	170,160	5,070	175,230	134,941	823	135,764
Foundry .....	...	8,798	8,798	354	21,818	22,172
Malleable .....	153	15,200	15,353	1,252	12,908	14,160
TOTAL .....	170,313	29,068	199,381	136,547	35,549	172,096
Ferro-alloys .....	...	16,055	16,055	...	14,893	14,893

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

	MARCH	FEBRUARY	YEAR TO DATE
Imported iron ore ..... long tons	132,807	118,245	376,349
Canadian limestone .... short tons	13,314	11,335	35,891
Imported limestone .... short tons	25,306	21,882	71,390
Coke made in Canada -			
From Canadian coal ... short tons	30,532	26,826	87,554
From imported coal ... short tons	39,337	33,361	108,049
Imported coke ..... short tons	...	...	...

(b) STEEL INGOTS AND DIRECT CASTINGS.

Table 4 - Production for MARCH and FEBRUARY, 1937. (Tons of 2,240 lb.)						
	MARCH, 1937			FEBRUARY, 1937 (Revised)		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic .....	113,028	...	113,028	101,528	...	101,528
Electric .....	5,423	...	5,423	5,034	...	5,034
Other .....	...	...	...	...	...	...
Total Steel Ingots ....	118,451	...	118,451	106,562	...	106,562
<u>STEEL CASTINGS</u>						
Open hearth - Basic .....	168	2,525	2,693	179	1,684	1,863
Bessemer .....	...	104	104	...	59	59
Electric .....	776	3,080	3,856	716	2,623	3,339
Total Direct Steel Castings	944	5,709	6,653	895	4,366	5,261
GRAND TOTAL .....	119,395	5,709	125,104	107,457	4,366	111,823

Table 5 - CUMULATIVE PRODUCTION for the THREE MONTHS ending MARCH, 1937 and 1936.

	1 9 3 7			1 9 3 6		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic .....	320,260	160	320,420	276,770	105	276,875
Electric .....	15,603	...	15,603	8,311	...	8,311
Other .....	...	...	...	...	...	...
Total Steel Ingots ....	335,863	160	336,023	285,081	105	285,186
<u>STEEL CASTINGS</u>						
Open hearth - Basic .....	599	5,395	5,994	382	2,902	3,284
Bessemer .....	...	245	245	...	125	125
Electric .....	1,976	7,926	9,902	907	5,180	6,087
Total Direct Steel Castings	2,575	13,566	16,141	1,289	8,207	9,496
GRAND TOTAL .....	338,438	13,726	352,164	286,370	8,312	294,682

Table 6 - Average Monthly Production of Pig Iron, Steel Ingots and Castings in Canada, 1916 - 1936 (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			





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Table 7 - Production of Pig Iron, by Months and by Provinces, and Steel Ingots and Castings, by Months, 1936 and 1937. (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	
	1936	1937	1936	1937	1936	1937	1936	1937
January .....	18	28	43	38	61	66	100	115
February .....	21	37	35	25	56	62	94	112
March .....	22	29	32	42	54	71	101	125
April .....	23		31		54		107	
May .....	27		32		59		95	
June .....	27		29		56		82	
July .....	12		23		35		69	
August .....	11		28		39		80	
September .....	15		37		52		86	
October .....	26		44		70		98	
November .....	28		46		74		99	
December .....	28		40		68		104	
TOTAL .....	258	94	420	105	678	199	1,115	352
Monthly Average ..	21	31	35	35	56	66	93	117

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 Co., Ltd.	Port Colborne, Ont.	1	350
The Steel Company of Canada, Ltd.	Hamilton, Ont.	2	825
Algoma Steel Corporation, Ltd.	Sault Ste. Marie, Ont.	4	1,600

Table 9 - Description of Furnaces at end of MARCH, 1937

Condition of furnace	Number of furnaces	TOTAL DAILY CAPACITY	
		Long tons	Per cent
In blast .....	5	2,175	55
Banked .....	..	...	...
Blown out .....	5	1,800	45
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.