Published by Authority of the HON. R. B. HANSON, K.C., M.P.

Minister of Trade and Commerce.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
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.

Copy, PRODUCT

PRODUCTION OF IRON AND STEEL IN CANADA

APRIL, 1935

PIG IRON - Production of pig iron during the month of April was reported at 43,388 long tons. This tonnage was slightly below the March total of 44,727 tons but was 59 per cent above the 27,355 tons made in April, 1934. Output of basic iron was higher at 39,850 tons in April compared with 30,082 tons in March but the malleable grade declined to 3,538 tons from 7,378 tons. No foundry iron was made during April compared with 7,267 tons in March.

Furnace charges during April included 76,888 long tons of imported iron ore, 20,425 short tons of limestone and 40,942 tons of coke. The same furnaces were in blast during April as in the previous month.

For the four months ending April pig iron production totalled 169,790 tons, an advance of 106 per cent over the corresponding figure of 82,332 tons for last year.

FERRO-ALLOYS - Output of ferro-alloys during April amounted to 5,147 tons, a gain of 90 per cent over the March total of 2,715 tons. Production in April of a year ago was given at 2,162 tons.

STEFL INGOTS AND CASTINGS - Steel production showed a gain in April to 68,530 long tons from 57,840 tons in March. Ingots advanced to 65,889 tons from 56,071 tons and castings to 2,641 tons from 1,769 tons in the previous month. The tonnage for April of this year was about 3 per cent below the total of 70,363 tons for the corresponding month of last year.

For the first four months of this year the cumulative output of steel amounted to 241,902 tons compared with 262,072 tons for the corresponding period of 1934.

PRICES - Prices of iron and steel products remained comparatively firm. The volume of business done showed an appreciable increase but demand continued to be for small spot tonnages. As formerly, the automobile and the mining industries supplied the bulk of orders, but a minor gain was shown in building trade and repair needs. Various other industries such as machine and boiler shops, and textile, paper and other mills furnished steady outlets for small amounts throughout the month. The Dominion Bureau of Statistics index of wholesale prices of Iron and Its Products moved down from 87.6 in March to 87.3 in April, due chiefly to reductions in the prices of pipe and steel sheets. No. 1 foundry pig iron was quoted at \$23.00 per gross ton delivered at Montreal and at \$21.50 per gross ton delivered at Toronto. No. 2 foundry pig iron was \$22.50 and \$21.00 per gross ton at these respective centres.

UNITED STATES - Pig iron production in the United States averaged 55,470 tons per day, a decline of 2.8 per cent from the March average of 57,098 tons per day. Ninety-seven furnaces were in blast on May 1st as against 98 on April 1st, a net loss of one active furnace.

	A	PRII		M A	R C) H. 1935
Item	For own	For	3, 1000	For own	For	1, 1000
. cem	use	sale	TOTAL	use	sale	TOTAL
Pig Iron -						
Basic	39,850	• • •	39,850	30,082	000	30,082
Foundry	• • •	3,538	3,538	• • •	7,267	7,267
TOTAL	39,850	3,538	43,388	30,082	14,645	44,727
IVIRU	55,000	0,000	40,000	30,002	14,040	779161
Ferro-alloys	• • •	5,147	5,147	• • •	2,715	2,715
Table 2 - Cumulative Producti	lon for th	ne Four Mo	nths ending	April. 1	935 and	1934.
		of 2,240		,,		
	1	9 3	5	1	9 3	4
Item	For own	For	mom a r	For own	For	TOTAL
	use	sale	TOTAL	use	sale	TOTAL
Pig Iron -						
Basic	126,434	38	126,472	63,542		63,542
Foundry		27,749	27,749		8,358	8,358
Malleable	138	15,431	15,569	277	10,155	10,432
TOTAL	126,572	43,218	169,790	63,819	18,513	82,332
Ferro-alloys		13,369	13,369		7,009	7,009
Table 3 - Iron Blast Furnace	Charges,	APRIL, MA	RCH, and Y	EAR TO DAT	E, 1935.	
Table 3 - Iron Blast Furnace	Charges,	APRIL, MA	RCH, and YI APRIL 1935	EAR TO DAT	H	YEAR TO
Table 3 - Iron Blast Furnace	Charges,	APRIL, MA	APRIL	MARC	H	YEAR TO
Imported iron ore	long	tons	APRIL 1935 76,888	MARC 193 82,15	54 55 57	YEAR TO DATE
Imported iron ore	long	tons ton	APRIL 1935 76,888 7,087	MARC 193 82,15 7,88	55 57 52	YEAR TO DATE 300,719 30,064
Imported iron ore	long	tons ton	APRIL 1935 76,888	MARC 193 82,15	55 57 52	YEAR TO DATE
Imported iron ore	long	tons ton	APRIL 1935 76,888 7,087	MARC 193 82,15 7,88	55 57 52	YEAR TO DATE 300,719 30,064
Imported iron ore	long down short short	tons ton ton	APRIL 1935 76,888 7,087 13,338	MARC 193 82,15 7,88 13,95	57 52 55	YEAR TO DATE 300,719 30,064 51,116
Imported iron ore	long to short short short	tons ton ton	APRIL 1935 76,888 7,087	MARC 193 82,15 7,88	57 52 55	YEAR TO DATE 300,719 30,064
Imported iron ore	long to short short short short short	tons ton ton ton	APRIL 1935 76,888 7,087 13,338	82,15 7,88 13,95	57 52 55	YEAR TO DATE 300,719 30,064 51,116

(b) STEEL INGOTS AND DIRECT CASTINGS

A P R I L, 1935	Table 4 - Production for April and	March, 19	35.	(Tons of	2,240 lb		
Use Sale TOTAL Use Sale TOTAL		AP	RIL	, 1935	M A	R C	н, 1935
STREL INCOTS Pen hearth - Basic 63,109 63,109 53,516 51 53,567 Acid 2,780 2,504	tem	For own					
pen hearth - Basic 63,109		use	sale	TOTAL	use	sale	TOTAL
pen hearth - Basic 63,109 63,109 53,516 51 53,567 Acid							
Acid ther Total Steel Ingots 65,889 65,889 65,889 65,889 65,889 65,889 65,889 65,889 65,889 65,889 65,889 65,889 65,889 66,020 607 607 607 607 607 607 607	A STATE OF THE PARTY OF THE PAR					~ ~	
Lectric		63,109				51	53,567
Total Steel Ingots 65,889 65,889 56,020 51 56,071							
STEFL CASTINGS Pen hearth - Basic 133 627 760 87 520 607				2,780	2,504		2,504
STEEL CASTINGS Pen hearth - Basic			***		3 4 4		
Pen hearth - Basic	Total Steel Ingots	65,889		65,889	56,020	51	56,071
Peer Hearth - Basic 133 627 760 87 520 607 Acid	CTEDI CACMINCO						
Acid		722	697	760	27	520	607
STEEL INCOTS Pen hearth - Basic 224,804 158 224,962 248,159 Acid Acid							
1,388							
Total Direct Steel Castings .							
### RAND TOTAL							
Table 5 - Cumulative Production for the Four Months ending April, 1935 and 1934. 1 9 3 5 1 9 3 4 For own For use sale TOTAL use sale TOTAL STEEL INGOTS Deen hearth - Basic							
1 9 3 5 1 9 3 4	MANI) TUTAL	hh 473	2 1157				
1 9 3 5 1 9 3 4		00,210	2,001	00,000	20,130	1,704	57,040
STEEL INGOTS Open hearth - Basic 224,804 158 224,962 248,159 248,159 Clectric 8,931 8,931 6,734 6,734 Other 864 864 864 Total Steel Ingots 233,735 158 233,893 255,757 STEEL CASTINGS 255,757 255,757 Open hearth - Basic 480 1,969 2,449 377 1,629 2,006 Acid 198 198 145 145 Clectric 568 4,794 5,362 133 4,031 4,164 Total Direct Steel Castings 1,048 6,961 8,009 510 5,805 6,315							
STEEL INGOTS Open hearth - Basic 224,804 158 224,962 248,159 248,159 Clectric 8,931 8,931 6,734 6,734 Other 864 864 864 Total Steel Ingots 233,735 158 233,893 255,757 STEEL CASTINGS 255,757 255,757 Open hearth - Basic 480 1,969 2,449 377 1,629 2,006 Acid 198 198 145 145 Clectric 568 4,794 5,362 133 4,031 4,164 Total Direct Steel Castings 1,048 6,961 8,009 510 5,805 6,315		the Four	Months	ending A	pril, 193	5 and 1	.934 .
STEEL INGOTS Open hearth - Basic 224,804 158 224,962 248,159 248,159 Clectric 8,931 8,931 6,734 6,734 Cher 864 864 864 Total Steel Ingots 233,735 158 233,893 255,757 STEEL CASTINGS 255,757 255,757 Open hearth - Basic 480 1,969 2,449 377 1,629 2,006 Acid 198 198 145 145 Clectric 568 4,794 5,362 133 4,031 4,164 Total Direct Steel Castings 1,048 6,961 8,009 510 5,805 6,315	Table 5 - Cumulative Production for	the Four	Months 9 3	ending A	pril, 193	5 and 1	.934 .
Open hearth - Basic 224,804 158 224,962 248,159 248,159 Acid 8,931 8,931 6,734 6,734 Cher 864 864 864 Total Steel Ingots 233,735 158 233,893 255,757 STEEL CASTINGS 480 1,969 2,449 377 1,629 2,006 Acid 198 198 145 145 Clectric 568 4,794 5,362 133 4,031 4,164 Total Direct Steel Castings 1,048 6,961 8,009 510 5,805 6,315	able 5 - Cumulative Production for	the Four 1 For own	Months 9 3	ending A	pril, 193	5 and 1	934.
Acid 8,931 8,931 6,734 6,734 864 8	Cable 5 - Cumulative Production for	the Four 1 For own	Months 9 3	ending A	pril, 193	5 and 1	934.
Stectric 8,931 8,931 6,734 6,734 Steel Ingots 233,735 158 233,893 255,757 STEEL CASTINGS 480 1,969 2,449 377 1,629 2,006 Acid 198 198 145 145 Stectric 568 4,794 5,362 133 4,031 4,164 Total Direct Steel Castings 1,048 6,961 8,009 510 5,805 6,315	Cable 5 - Cumulative Production for tem	the Four 1 For own use	Months 9 3 For sale	ending A 5	pril, 193 1 For own use	5 and 1 9 For sale	934. 3 4 TOTAL
ther	tem STEEL INGOTS pen hearth - Basic	the Four 1 For own use	Months 9 3 For sale	ending A 5	pril, 193 1 For own use 248,159	5 and 1 9 For sale	934. 3 4 TOTAL
Total Steel Ingots 233,735 158 233,893 255,757 255,757 STEEL CASTINGS pen hearth - Basic 480 1,969 2,449 377 1,629 2,006 Acid	tem STEEL INGOTS pen hearth - Basic	the Four 1 For own use 224,804	Months 9 3 For sale	ending A 5 TOTAL 224,962	pril, 193 1 For own use 248,159	5 and 1 9 For sale	934. 3 4 TOTAL 248,159
STEEL CASTINGS Pen hearth - Basic 480 1,969 2,449 377 1,629 2,006 Acid 198 198 145 145 Clessemer 568 4,794 5,362 133 4,031 4,164 Total Direct Steel Castings 1,048 6,961 8,009 510 5,805 6,315	STEEL INGOTS pen hearth - Basic	the Four 1 For own use 224,804	Months 9 3 For sale	ending A 5 TOTAL 224,962 8,931	pril, 193 1 For own use 248,159 6,734	5 and 1 9 For sale	934. 3 4 TOTAL 248,159 6,734
description 480 1,969 2,449 377 1,629 2,006 Acid	tem STEEL INGOTS pen hearth - Basic	the Four 1 For own use 224,804 8,931	Months 9 3 For sale	ending A 5 TOTAL 224,962 8,931	pril, 193 1 For own use 248,159 6,734 864	5 and 1 9 For sale	934. 3 4 TOTAL 248,159 6,734 864
Acid	STEEL INGOTS Open hearth - Basic	the Four 1 For own use 224,804 8,931	Months 9 3 For sale	ending A 5 TOTAL 224,962 8,931	pril, 193 1 For own use 248,159 6,734 864	5 and 1 9 For sale	934. 3 4 TOTAL 248,159 6,734 864
Acid	STEEL INGOTS Den hearth - Basic	the Four 1 For own use 224,804 8,931	Months 9 3 For sale	ending A 5 TOTAL 224,962 8,931	pril, 193 1 For own use 248,159 6,734 864	5 and 1 9 For sale	934. 3 4 TOTAL 248,159 6,734 864
lessemer 198 198 145 145 lectric 568 4,794 5,362 133 4,031 4,164 Total Direct Steel Castings 1,048 6,961 8,009 510 5,805 6,315	tem STEEL INGOTS pen hearth - Basic	the Four 1 For own use 224,804 8,931 233,735	Months 9 3 For sale 158	ending A 5 TOTAL 224,962 8,931 233,893	pril, 193 1 For own use 248,159 6,734 864 255,757	5 and 1 9 For sale	934. 3 4 TOTAL 248,159 6,734 864 255,757
Sectric 568 4,794 5,362 133 4,031 4,164 Total Direct Steel Castings 1,048 6,961 8,009 510 5,805 6,315	tem STEEL INGOTS pen hearth - Basic	the Four 1 For own use 224,804 8,931 233,735	Months 9 3 For sale 158 158	ending A 5 TOTAL 224,962 8,931 233,893 2,449	pril, 193 1 For own use 248,159 6,734 864 255,757	5 and 1 9 For sale	934. 3 4 TOTAL 248,159 6,734 864 255,757 2,006
Total Direct Steel Castings 1,048 6,961 8,009 510 5,805 6,315	tem STEEL INGOTS pen hearth - Basic	the Four 1 For own use 224,804 8,931 233,735 480	Months 9 3 For sale 158 158	ending A 5 TOTAL 224,962 8,931 233,893 2,449	pril, 193 1 For own use 248,159 6,734 864 255,757	5 and 1 9 For sale	934. 3 4 TOTAL 248,159 6,734 864 255,757 2,006
	able 5 - Cumulative Production for tem STEEL INGOTS pen hearth - Basic	the Four 1 For own use 224,804 8,931 233,735 480	Months 9 3 For sale 158 158 1,969	ending A 5 TOTAL 224,962 8,931 233,893 2,449 198	pril, 193 1 For own use 248,159 6,734 864 255,757	5 and 1 9 For sale	934. 3 4 TOTAL 248,159 6,734 864 255,757 2,006 145
manu III ali	STEEL INGOTS Den hearth - Basic	the Four 1 For own use 224,804 8,931 233,735 480	Months 9 3 For sale 158 158 1,969 198 4,794	ending A 5 TOTAL 224,962 8,931 233,893 2,449 198 5,362	pril, 193 1 For own use 248,159 6,734 864 255,757 377 	5 and 1 9 For sale 1,629 145 4,031	934. 3 4 TOTAL 248,159 6,734 864 255,757 2,006 145 4,164
"PAND MUMAT 924 702 7 110 941 000 0EC 007 C 000 000	Table 5 - Cumulative Production for Item STEEL INGOTS Deen hearth - Basic	the Four 1 For own use 224,804 8,931 233,735 480	Months 9 3 For sale 158 158 1,969	ending A 5 TOTAL 224,962 8,931 233,893 2,449 198	pril, 193 1 For own use 248,159 6,734 864 255,757	5 and 1 9 For sale	934. 3 4 TOTAL 248,159 6,734 864 255,757 2,006 145

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

	Monthly	Monthly Average		Monthly Average	
Years	Iron	Steel	Years	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
1926	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 48	54 63	1934	34	63

Table 7 - Production of Pig Iron by Months and by Provinces, and Steel Ingots and Castings, by Months, in Canada, 1934 and 1935. (In 1000's of long tons)

P I G I R O N Months NOVA SCOTIA ONTARIO TOTAL CANADA 1934 1935 1934 1935	S T E E L TOTAL CANADA 1934 1935 61 60
1934 1935 1934 1935 1934 1935	1934 1935 61 60
1934 1935 1934 1935 1934 1935	61 60
January	
February	58 56
March	73 58
April 27 27 27 43	70 69
May 9 29 38	71
June	64
July	67
August	64
September	57
October	58
November 16 23 39	57
December 17 25 42	59
TOTAL 135 66 272 103 407 169	759 243
Monthly Average 11 17 23 25 34 42	63 61

Table 8 - Iron Blast Furnaces in Canada, 1935.

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

Table 9 - DESCRIPTION OF FURNACES AT END OF			
	Number of	Total Daily	y vapacity
Condition of furnace	furnaces	Long tons	Per cent
In blast	3	1,550	37
Blown out	8	2,675	63
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.

