

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

JUN 22 1935

PROPERTY OF THE
LIBRARY.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.

Historical File Copy

PRODUCTION OF IRON AND STEEL IN CANADAMAY, 1935.

PIG IRON - Production of pig iron during May amounted to 45,432 long tons, an increase of 5 per cent over the April output of 43,388 tons and 19 per cent above the 38,189 tons made during May of last year. The output of basic iron advanced to 42,390 tons in the current month from 39,850 tons in April, but the malleable grade declined to 2,398 tons from 3,538 tons. Only 644 tons of foundry iron were reported for May while in the previous month none of this grade was produced.

Furnace charges during May included 81,086 tons of ore, 21,530 tons of limestone and 42,439 tons of coke. The same furnaces were in blast during May as in the previous month.

For the five months ended May 31, 1935, the cumulative production of pig iron totalled 215,222 long tons compared with 120,521 tons and 35,353 tons in the corresponding period of 1934 and 1933 respectively.

FERRO-ALLOYS - The output of ferro-alloys during May amounted to 4,978 long tons or 3 per cent less than in April when 5,147 tons were produced. In May, 1934, only 2,556 tons of ferro-alloys were made in Canada.

STEEL INGOTS AND CASTINGS - Steel production showed a further advance in May to 72,811 tons from 68,530 tons in April. This tonnage was the highest recorded for any month since March, 1934, and exceeded the output of any other month since May, 1931.

The cumulative output of steel for this year to date totalled 314,713 tons as compared with 333,509 tons in the corresponding period of 1934 and 98,862 tons in 1933.

PRICES - New business continued to show a steady improvement and prices remained firm. Regular placing of orders for substantial tonnages was reported by the automobile manufacturing, and by the mining industries. More interest in iron and steel products was displayed by the building trades, and by manufacturers requiring steel sheets, while sales of scrap showed a considerable gain. Imports were confined mainly to small quantities of special grades.

The Dominion Bureau of Statistics index number of wholesale prices of "Iron and Its Products" on the base of 1926 = 100, remained unchanged in May at 87.4. Pig iron prices were the same as in April, No. 1 being quoted at \$23.00 per gross ton delivered at Montreal and at \$21.50 per gross ton, delivered at Toronto. No. 2 pig iron at these respective centres was \$22.50 and \$21.00 per gross ton.

UNITED STATES - Pig iron production in the United States averaged 55,713 tons per day during May, a gain of less than one per cent over the April average of 55,449 tons. There was no change in the number of furnaces in blast.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production during May and April, 1935. (Tons of 2,240 lb.)

Item	M A Y, 1935			M A Y, 1935		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>Pig Iron -</u>						
Basic	42,390	...	42,390	39,850	...	39,850
Foundry .....	...	644	644	...	...	...
Malleable .....	...	2,398	2,398	...	3,538	3,538
TOTAL	42,390	3,042	45,432	39,850	3,538	43,388
Ferro-alloys .....	...	4,978	4,978	...	5,147	5,147

Table 2 - Cumulative production for the Five Months ending May, 1935 and 1934.
(Tons of 2,240 lb.)

	1 9 3 5			1 9 3 4		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>Pig Iron -</u>						
Basic	168,824	38	168,862	95,453	...	95,453
Foundry .....	...	28,393	28,393	49	13,734	13,783
Malleable .....	...	17,967	17,967	...	11,285	11,285
TOTAL	168,824	46,398	215,222	95,502	25,019	120,521
Ferro-alloys .....	...	18,347	18,347	...	9,565	9,565

Table 3 - Iron Blast Furnaces Charges, MAY, APRIL, and YEAR TO DATE, 1935.

	MAY 1935	APRIL 1935	YEAR TO DATE
Imported iron ore long tons	81,086	76,888	381,805
Canadian limestone short ton	7,508	7,087	37,572
Imported limestone short ton	14,022	13,338	65,138
Coke made in Canada -			
From Canadian coal short ton	18,058	17,203	90,491
From imported coal short ton	24,381	23,739	110,647
Imported coke short ton	...	...	9,152

(b) STEEL INGOTS AND DIRECT CASTINGS

Table 4 - Production for May and April, 1935. (Tons of 2,240 lb.)

Table 4 - Production for May and April, 1935. (Tons of 2,240 lbs.)						
Item	M A Y, 1935			A P R I L, 1935		
	For own	For	TOTAL	For own	For	TOTAL
	use	sale		use	sale	
<u>STEEL INGOTS</u>						
Open hearth - Basic	67,876	191	68,067	63,109	...	63,109
Electric	2,158	...	2,158	2,780	...	2,780
Other .....	...	...	...	...	...	...
Total Steel Ingots	70,034	191	70,225	65,889	...	65,889
<u>STEEL CASTINGS</u>						
Open hearth - Basic	90	619	709	133	627	760
Bessemer .....	...	32	32	...	42	42
Electric	425	1,420	1,845	451	1,388	1,839
Total Direct Steel Castings ...	515	2,071	2,586	584	2,057	2,641
GRAND TOTAL	70,549	2,262	72,811	66,473	2,057	68,530

Table 5 - Cumulative Production for the Five Months ending May, 1935 and 1934.

	1	9	3	5	1	9	3	4
Item	For own use	For sale	TOTAL		For own use	For sale	TOTAL	
<u>STEEL INGOTS</u>								
Open hearth - Basic	292,680	349	293,029		316,115	...	316,115	
Electric	11,089	...	11,089		9,404	...	9,404	
Other .....	...	...	...		...	...	...
Total Steel Ingots	303,769	349	304,118		325,519	...	325,519	
<u>STEEL CASTINGS</u>								
Open hearth - Basic	570	2,588	3,158		468	2,032	2,500	
Bessemer .....	...	230	230		...	175	175	
Electric	993	6,214	7,207		147	5,168	5,315	
Total Direct Steel Castings ...	1,563	9,032	10,595		615	7,375	7,990	
GRAND TOTAL	305,332	9,381	314,713		326,134	7,375	333,509	

Table 6 - Average Monthly Production of Pig Iron, Steel Ingots and Castings in Canada, 1916 - 1934. (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	88	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			

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)

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		TOTAL CANADA		TOTAL CANADA	
	1934	1935	1934	1935	1934	1935	1934	1935
January	12	17	19	27	31	44	61	60
February .....	..	16	12	21	12	37	58	56
March .....	..	17	12	28	12	45	73	58
April .....	..	16	27	27	27	43	70	69
May	9	16	29	29	38	45	71	73
June	15		22		37		64	
July	15		22		37		67	
August	16		26		42		64	
September	17		26		43		57	
October	18		29		47		58	
November	16		23		39		57	
December	17		25		42		59	
TOTAL	135	82	272	132	407	214	759	316
Monthly Average ...	11	16	23	26	34	42	63	63

Table 8 - Iron Blast Furnaces in Canada, 1935.

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, Ont.	4	1,600

Table 9 - DESCRIPTION OF FURNACES AT END OF MAY, 1935.

Condition of furnace	Number of furnaces	Total Daily Capacity	
		Long tons	Per cent
In blast	3	1,550	37
Banked .....	...	...	...
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.

