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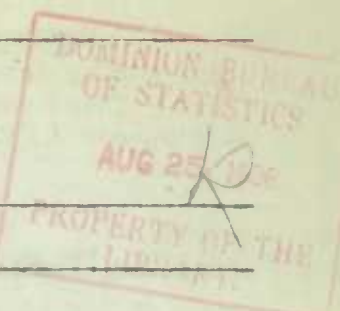
CENSUS OF INDUSTRY

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.



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MONTHLY REPORTPRODUCTION OF IRON AND STEEL IN CANADAJULY, 1936.

PIG IRON - Production of 34,988 long tons of pig iron in Canada during July was 38 per cent under the 56,362 tons reported for the previous month and 31 per cent less than the 50,513 tons made in July of a year ago. Compared with the figures for June data for this month showed declines in all grades, basic iron dropping to 30,199 tons from 39,453 tons, foundry iron to 2,407 tons from 5,212 tons and malleable iron to 2,382 tons from 11,697 tons.

For the seven months ending July 31, 1936, the cumulative production amounted to 375,323 tons, an improvement of 21 per cent over the corresponding period of 1935 and 93 per cent over the output during the first seven months of 1934.

FERRO-ALLOYS - Ferro-alloy production in Canada during July totalled 10,962 tons as compared with 5,307 tons in June and 7,269 tons in July, 1935. The month's output was mostly spiegeleisen along with a comparatively small tonnage of ferrosilicon.

STEEL INGOTS AND CASTINGS - Production of steel ingots and castings at 68,793 tons in July compares with an output of 82,196 tons in June and 86,101 tons in July, 1935. This month's total included 66,055 tons of ingots and 2,738 tons of castings.

For the first seven months of this year production totalled 647,493 tons, the comparative figures for other years being 474,264 tons in 1935 and 464,169 tons in 1934.

PRICES - The volume of business in iron and steel products tended lower but prices were generally firm. Sales of merchant pig iron were reported at about 1,000 tons weekly and small spot tonnage orders predominated with light third quarter bookings recorded. Some gain was apparent in building trade requirements and good purchases by electrical stove and refrigerator manufacturing concerns, was also reported. The mining industry continued to furnish the bulk of orders but the automotive and agricultural implements industries also supplied active demand. The Dominion Bureau of Statistics index number of wholesale prices of "Iron and Its Products" on the base 1926 = 100, rose fractionally from 87.7 in June to 87.8 in July which compared with 87.1 in July, 1935. The advance was due to minor rises for steel tank plates and cold rolled sheets. Foundry pig iron prices were unchanged from the previous month. No. 1 was \$22.00 and No. 2, \$21.50 per gross ton at Montreal. These respective grades at Toronto were \$21.50 and \$21.00 per gross ton.

UNITED STATES - Output of pig iron in the United States averaged 83,686 tons a day during June, a loss of 2.9 per cent from the daily average of 86,208 tons in June. There was a gain of 1 active furnace on August 1st bringing the total number of furnaces in blast to 146.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production during JULY and JUNE, 1936. (Tons of 2,240 lb.)

	J U L Y, 1936			J U N E, 1936		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
PIG IRON -						
Basic .....	30,199	...	30,199	39,292	161	39,453
Foundry .....	...	2,407	2,407	254	4,958	5,212
Malleable .....	...	2,382	2,382	264	11,433	11,697
TOTAL .....	30,199	4,789	34,988	39,810	16,552	56,362
Ferro-alloys .....	...	10,962	10,962	...	5,307	5,307

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

	1 9 3 6				1 9 3 5			
	For own use	For sale	TOTAL		For own use	For sale	TOTAL	
PIG IRON -								
Basic .....	296,599	984	297,543	251,828	...	38	251,866	
Foundry .....	1,300	41,237	42,537	...	32,055	...	32,055	
Malleable .....	1,954	33,289	35,243	...	26,369	...	26,369	
TOTAL .....	299,813	75,510	375,323	251,828	58,462	...	310,290	
Ferro-alloys .....	...	41,512	41,512	...	29,461	...	29,461	

Table 3 - Iron Blast Furnace Charges, JULY and JUNE and YEAR TO DATE, 1936.

	JULY	JUNE	YEAR TO DATE
Imported iron ore ..... long tons	60,419	97,778	671,488
Canadian limestone ..... short tons	9,468	8,509	65,484
Imported limestone ..... short tons	7,589	20,590	126,828
Coke made in Canada -			
From Canadian coal ..... short tons	13,945	30,942	177,115
From imported coal ..... short tons	19,383	16,698	166,200
Imported coke ..... short tons	1,601	9,634	33,692



(b) STEEL INGOTS AND DIRECT CASTINGS

Table 4 - Production for JULY and JUNE, 1936. (Tons of 2,240 lb.)

	J U L Y, 1936			J U N E, 1936		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic .....	62,518	...	62,518	75,713	...	75,713
Electric .....	3,537	...	3,537	3,521	...	3,521
Other .....	...	...	...	...	...	...
Total Steel Ingots .....	66,055	...	66,055	79,234	...	79,234
<u>STEEL CASTINGS</u>						
Open hearth - Basic .....	78	632	710	115	692	807
Bessemer .....	...	38	38	...	41	41
Electric .....	327	1,663	1,990	402	1,712	2,114
Total Direct Steel Castings ..	405	2,333	2,738	517	2,445	2,962
GRAND TOTAL .....	66,460	2,333	68,793	79,751	2,445	82,196

Table 5 - Cumulative Production for the SEVEN MONTHS ending JULY, 1936 and 1935.

	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 .....	601,947	105	602,052	442,163	431	442,594
Electric .....	24,220	...	24,220	16,455	...	16,455
Other .....	...	...	...	...	...	...
Total Steel Ingots .....	626,167	105	626,272	458,618	431	459,049
<u>STEEL CASTINGS</u>						
Open hearth - Basic .....	812	5,774	6,586	777	3,676	4,453
Bessemer .....	...	284	284	...	362	362
Electric .....	2,383	11,968	14,351	1,295	9,105	10,400
Total Direct Steel Castings ..	3,195	18,026	21,221	2,072	13,143	15,215
GRAND TOTAL .....	629,362	18,131	647,493	460,690	13,574	474,264

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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-4-

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

Months	P I G		I R O N		: S T E E L	
	NOVA SCOTIA		ONTARIO		TOTAL CANADA	
	1935	1936	1935	1936	1935	1936
January .....	17	18	27	43	44	61
February .....	16	21	21	35	37	56
March .....	17	22	28	32	45	54
April .....	16	23	27	31	44	54
May .....	16	27	29	32	45	59
June .....	15	27	30	29	45	56
July .....	17	12	34	23	51	35
August .....	17		37		54	
September .....	17		37		54	
October .....	11		35		46	
November .....	23		42		65	
December .....	26		45		71	
TOTAL .....	208	150	392	225	600	375
Monthly Average ...	17	21	33	32	50	53

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, Limited	Hamilton, Ont.	2	825
Algoma Steel Corporation, Ltd.	Sault Ste. Marie, Ont.	4	1,600

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

Condition of furnace	Number of furnaces	TOTAL DAILY CAPACITY	
		Long tons	Per cent
In blast .....	3	975	23
Banked .....	1	450	11
Blown out .....	7	1,975	66
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.