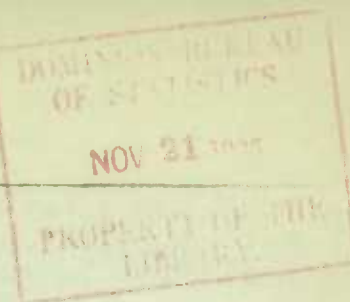


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PRODUCTION OF IRON AND STEEL IN CANADA

OCTOBER, 1935.

PIG IRON - Production of pig iron in Canada during October totalled 45,521 tons, an average of 1,468 tons a day and a decline of 19 per cent from the daily output of September which amounted to 1,812 tons. In October of a year ago the total was 46,573 tons.

Furnace charges for the month included 73,656 long tons of imported iron ore, 19,838 short tons of limestone and 41,324 short tons of coke. Of the limestone 7,909 tons were quarried in Canada and 38,256 tons of coke were carbonized in this country including 13,564 tons from Canadian coal. For the first ten months of this year furnace charges included 805,017 tons of ore, 214,411 tons of limestone and 446,557 tons of coke and the total output of pig iron from these charges was 464,585 tons.

At the end of the month four furnaces were in blast in Canada. These furnaces had a capacity of 1,900 long tons a day, or about 45 per cent of the total capacity of all blast furnaces in Canada, and were located as follows: 1 at Sydney, N.S., 1 at Hamilton, Ont., 1 at Port Colborne, Ont., and 1 at Sault Ste. Marie, Ont.

FERRO-ALLOYS - Output of 9,653 tons of ferro-alloys during October was an increase of 114 per cent over the 4,513 tons of the previous month and 295 per cent over the 2,442 tons produced in October of a year ago. This month's tonnage was mostly spiegeleisen along with some ferromanganese and ferrosilicon.

STEEL INGOTS AND CASTINGS - Production of steel ingots and direct steel castings at 95,016 tons in October was the highest tonnage reported for any month since March, 1931. In the previous month output amounted to 90,952 tons and in October, 1934, to 57,975 tons. The improvement over September was mostly in ingots which advanced to 91,321 tons from 88,174 tons while direct castings also showed an increase at 3,695 tons as compared with 2,778 tons.

For the year to date the cumulative output of ingots and castings aggregated 742,720 tons, the corresponding totals for the same periods of other years amounting to 643,137 tons in 1934 and 315,325 tons in 1933.

PRICES - Improving business conditions failed to have much effect upon prices for iron and steel products. Moderate increases have been occurring in the pig iron melt and reports indicate that further advances may be expected in the near future. The Dominion Bureau of Statistics index number of wholesale prices for Iron and Its Products, on the base 1926 = 100, remained unchanged at 87.1 in October for the third successive month. Pig iron prices likewise were unaltered. No. 1 foundry pig iron at Montreal was quoted at \$23.00 and No. 2 at \$22.50 per gross ton. No. 1 foundry iron at Toronto was \$21.50 and No. 2, \$21.00 per gross ton, delivered.

UNITED STATES - Production of coke pig iron in the United States averaged 63,820 tons a day in October, a gain of 7.8 per cent over the September rate of 59,216 tons per day. Twelve furnaces were blown in during the month and none were blown out or banked.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production during OCTOBER AND SEPTEMBER, 1935. (Tons of 2,240 lb.)

Item	OCTOBER, 1935			SEPTEMBER, 1935		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
Pig Iron -						
Basic .....	35,833	...	35,833	37,758	2,409	40,167
Foundry .....	...	3,043	3,043	...	8,644	8,644
Malleable .....	...	6,645	6,645	...	5,549	5,549
TOTAL .....	35,833	9,688	45,521	37,758	16,602	54,360
Ferro-alloys .....	...	9,653	9,653	...	4,513	4,513

Table 2 - Cumulative Production for the TEN MONTHS ending OCTOBER, 1935 and 1934. (Tons of 2,240 lb.)

Item	1935			1934		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
Pig Iron -						
Basic .....	355,425	13,271	368,696	244,152	10,767	254,919
Foundry .....	...	46,988	46,988	49	37,871	37,920
Malleable .....	...	48,901	48,901	...	32,824	32,824
TOTAL .....	355,425	109,160	464,585	244,201	81,462	325,663
Ferro-alloys .....	...	47,520	47,520	...	20,666	20,666

Table 3 - Iron Blast Furnace Charges, OCTOBER, SEPTEMBER, AND YEAR TO DATE, 1935.

	OCTOBER 1935	SEPTEMBER 1935	YEAR TO DATE
Imported iron ore ..... long tons	73,656	90,766	805,017
Canadian limestone ..... short tons	7,909	6,573	73,173
Imported limestone ..... short tons	11,929	17,618	141,238
Coke made in Canada -			
From Canadian coal ..... short tons	13,564	19,990	180,157
From imported coal ..... short tons	24,692	22,799	228,416
Imported coke ..... short tons	3,068	9,226	37,984

(b) STEEL INGOTS AND DIRECT CASTINGS

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

Item	OCTOBER, 1935			SEPTEMBER, 1935		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic .....	87,750	...	87,750	84,624	158	84,782
Electric .....	3,571	...	3,571	3,392	...	3,392
Other .....	...	...	...	...	...	...
Total Steel Ingots .....	91,321	...	91,321	88,016	158	88,174
<u>STEEL CASTINGS</u>						
Open hearth - Basic .....	168	847	1,015	189	551	740
Bessemer .....	...	65	65	...	28	28
Electric .....	251	2,364	2,615	301	1,709	2,010
Total Direct Steel Castings ..	419	3,276	3,695	490	2,288	2,778
GRAND TOTAL .....	91,740	3,276	95,016	88,506	2,443	90,952

Table 5 - Cumulative Production for the TEN MONTHS ending OCTOBER, 1935 and 1934.

Item	1 9 3 5			1 9 3 4		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic .....	690,782	710	691,492	606,782	162	606,944
Electric .....	26,378	...	26,378	19,227	...	19,227
Other .....	...	...	...	...	...	...
Total Steel Ingots .....	717,160	710	717,870	626,009	162	626,171
<u>STEEL CASTINGS</u>						
Open hearth - Basic .....	1,276	5,474	6,750	1,015	4,178	5,193
Bessemer .....	...	495	495	...	421	421
Electric .....	2,759	14,626	17,385	672	10,680	11,352
Total Direct Steel Castings ..	4,035	20,595	24,630	1,687	15,279	16,966
GRAND TOTAL .....	721,415	21,305	742,720	627,696	15,441	643,137

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 .....	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			





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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				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	15	22	30	37	45	64	73
July .....	15	17	22	34	37	51	67	86
August .....	16	17	26	37	42	54	64	82
September .....	17	17	26	37	43	54	57	91
October .....	18	11	29	35	47	46	58	95
November .....	16		23		39		57	
December .....	17		25		42		59	
TOTAL .....	135	159	272	305	407	464	759	743
Monthly Average .....	11	16	23	30	34	46	63	74

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 OCTOBER, 1935.

Condition of Furnace	Number of furnaces	TOTAL DAILY CAPACITY	
		Long tons	Per cent
In blast .....	4	1,900	45
Banked .....	...	...	...
Blown out .....	7	2,325	55
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.