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Monthly Report

AUG 13 1948

PRODUCTION OF IRON AND STEEL IN CANADAJUNE - 1948

Pig Iron - Production of pig iron in Canada amounted to 183,763 net tons in June compared with 159,826 tons in the corresponding month of last year. The total for the current month included 148,641 tons of basic iron, 18,809 tons of foundry iron and 16,313 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in June amounted to 13,502 net tons compared with 18,436 tons in the previous month and with 16,212 tons in June of a year ago. The following alloys were produced: ferrosilicon, silicomanganese, ferromanganese, ferrochrome, chrom-x and ferrophosphorus.

Steel Ingots and Castings - Production of steel ingots and steel castings during June totalled 259,365 net tons compared with 238,297 tons in June of last year. Output in the month under review included 249,710 tons of ingots and 9,655 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During May and June 1948

	May - 1948			June - 1948		
	For own use	For sale	Total	For own use	For sale	Total
(Net tons of 2,000 pounds)						
<u>Pig Iron</u> -						
Basic .....	153,122	3,715	156,837	139,337	9,304	148,641
Foundry .....	836	20,598	21,434	840	17,969	18,809
Malleable .....	...	15,034	15,034	...	16,313	16,313
Total Pig Iron..	153,958	39,347	193,305	140,177	43,586	183,763
<u>Ferro-alloys</u> .....	...	18,436	18,436	...	13,502	13,502



Table 2 - Cumulative Production for the Six Months Ended June, 1947 and 1948

	1 9 4 7			1 9 4 8		
	For own use	For sale	Total	For own use	For sale	Total
(Net tons of 2,000 pounds)						
Pig Iron -						
Basic .....	728,955	41,510	770,465	807,251	33,923	841,174
Foundry .....	2,205	129,010	131,215	8,910	102,092	111,002
Malleable .....	...	71,473	71,473	...	79,517	79,517
Total Pig Iron..	731,160	241,993	973,153	816,161	215,532	1,031,693
Ferro-alloys .....	...	77,750	77,750	...	89,653	89,653

Table 3 - Iron Blast Furnace Charges During May and June, 1948 and Six Months Ended June, 1948

	May 1948	June 1948	Six Months Ended June, 1948
(Net tons of 2,000 pounds)			
Iron ore .....	348,492	320,484	1,923,286
Mill cinder, scale, sinter, etc.	33,032	44,526	148,296
Limestone .....	82,338	80,391	435,172
Dolomite .....	8,064	7,770	56,420
Coke .....	185,853	177,463	1,018,808
Scrap iron and steel .....	8,281	8,854	39,618

Table 4 - Iron Blast Furnaces in Canada

Name of Company	Location of Furnaces	Number of stacks	Total Annual Capacity (Net tons)
Dominion Steel and Coal Corp. Ltd.	Sydney, N. S.	4	730,000
Canadian Furnace Limited	Port Colborne, Ont.	2	221,760
The Steel Company of Canada, Ltd.	Hamilton, Ont.	3	757,000
The Algoma Steel Corporation	Sault Ste. Marie, Ont.	5	1,035,000
Total .....		14	2,743,760

Table 5 - Description of Iron Blast Furnaces at End of June, 1948

Condition of Furnaces	Number of furnaces	Total Annual Capacity	
		Net tons	Per cent
In blast .....	12	2,554,950	93.1
Blanked .....	...	...	...
Blown out .....	2	188,810	6.9
Total .....	14	2,743,760	100.0



Table 1 - Summary of Financial Data for the Year 1967 and 1968

	1967	1968	Total
Revenue	100,000	120,000	220,000
Expenses	(80,000)	(90,000)	(170,000)
Net Income	20,000	30,000	50,000
Assets	150,000	180,000	330,000
Liabilities	(100,000)	(120,000)	(220,000)
Equity	50,000	60,000	110,000

Table 2 - Breakdown of Financial Data by Quarter for 1967 and 1968

Quarter	1967	1968
Q1	25,000	30,000
Q2	25,000	30,000
Q3	25,000	30,000
Q4	25,000	30,000
Total	100,000	120,000

Table 3 - Financial Data by Department for 1967 and 1968

Department	1967	1968
Department A	25,000	30,000
Department B	25,000	30,000
Department C	25,000	30,000
Department D	25,000	30,000
Total	100,000	120,000

Table 4 - Financial Data by Division for 1967 and 1968

Division	1967	1968
Division 1	25,000	30,000
Division 2	25,000	30,000
Division 3	25,000	30,000
Division 4	25,000	30,000
Total	100,000	120,000

(b) Steel Ingots and Steel Castings

Table 6 - Production During May and June, 1948

	M a y			J u n e		
	For own use	For sale	Total	For own use	For sale	Total
(Net tons of 2,000 pounds)						
<u>Steel Ingots</u>						
Open hearth - Basic .....	233,380	2,427	235,807	197,224	11,155	208,379
Electric .....	43,646	235	43,881	41,321	10	41,331
Total Steel Ingots ...	277,026	2,662	279,688	238,545	11,165	249,710
Alloy steel ingots included in above .....	15,729	...	15,729	11,122	...	11,122
<u>Steel Castings</u>						
Open hearth - Basic .....	188	2,710	2,898	146	2,583	2,729
Converter .....	4	34	38	2	34	36
Electric .....	1,100	5,843	6,943	1,048	5,842	6,890
Total Steel Castings..	1,292	8,587	9,879	1,196	8,459	9,655
Alloy steel castings included in above .....	483	1,128	1,611	451	1,132	1,583
TOTAL INGOTS AND CASTINGS	278,318	11,249	289,567	239,741	19,624	259,365

Table 7 - Cumulative Production for the Six Months Ended June, 1947 and 1948

	1 9 4 7			1 9 4 8		
	For own use	For sale	Total	For own use	For sale	Total
(Net tons of 2,000 pounds)						
<u>Steel Ingots</u>						
Open hearth - Basic .....	1,193,410	34,139	1,227,549	1,282,300	20,514	1,302,814
Electric .....	213,882	...	213,882	232,988	1,211	234,199
Total Steel Ingots ...	1,407,292	34,139	1,441,431	1,515,288	21,725	1,537,013
Alloy steel ingots included in above .....	58,978	...	58,978	79,239	...	79,239
<u>Steel Castings</u>						
Open hearth - Basic .....	814	9,846	10,660	1,059	16,778	17,837
Converter .....	26	155	181	18	242	260
Electric .....	8,505	22,504	31,009	6,427	34,059	40,486
Total Steel Castings..	9,345	32,505	41,850	7,504	51,079	58,583
Alloy steel castings included in above .....	2,876	3,055	5,931	2,776	6,099	8,875
TOTAL INGOTS AND CASTINGS	1,416,637	66,644	1,483,281	1,522,792	72,804	1,595,596

Table 1. Summary of the results of the analysis of the data from the 1970-1971 season.

Year		1970-1971		1971-1972	
Total		1970-1971		1971-1972	
1970-1971		1970-1971		1971-1972	
1971-1972		1971-1972		1971-1972	

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Table 1. Summary of the results of the analysis of the data from the 1970-1971 season.



Table 8 - Pig Iron and Scrap Charged to Steel Furnaces During May and June, 1948, and Six Months Ended June, 1948

	May 1948	June 1948	Six Months Ended June, 1948
(Net tons of 2,000 pounds)			
Pig iron .....	153,703	135,079	828,967
Scrap - Own make .....	78,490	77,729	471,188
Purchased .....	86,944	77,275	453,119

Table 9 - Steel Furnace Capacity at End of June, 1948

	Annual Capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth .....	2,975,000
Electric .....	505,000
Total Ingots .....	3,480,000
Steel castings .....	302,000
Total Ingots and Castings ..	3,782,000

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1947 and 1948

Month	Pig Iron	Ferro- alloys	S t e e l		Total Steel
			Ingots	Castings	
			(Net tons of 2,000 pounds)		
<u>1 9 4 7</u>					
January .....	177,313	9,644	243,557	6,241	249,798
February .....	150,632	9,357	223,124	6,098	229,222
March .....	164,403	14,197	263,193	6,539	269,732
April .....	160,749	13,015	244,998	7,158	252,156
May .....	160,230	15,325	235,978	8,098	244,076
June .....	159,826	16,212	230,581	7,716	238,297
July .....	157,153	12,402	226,443	5,898	232,341
August .....	166,878	11,398	226,180	7,574	233,754
September .....	169,630	11,152	225,457	8,731	234,188
October .....	163,335	14,691	247,171	9,290	256,461
November .....	174,147	11,551	246,785	8,587	255,372
December .....	165,551	10,888	241,065	8,704	249,769
Total .....	1,969,847	149,832	2,854,532	90,634	2,945,166
<u>1 9 4 8</u>					
January .....	160,042	17,125	247,768	8,958	256,726
February .....	151,123	11,823	230,183	9,463	239,646
March .....	172,675	14,293	275,349	10,677	286,026
April .....	170,785	14,474	254,315	9,951	264,266
May .....	193,305	18,436	279,688	9,879	289,567
June .....	183,763	13,502	249,710	9,655	259,365
Total - Six Months	1,031,693	89,653	1,537,013	58,583	1,595,596

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