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Monthly ReportPRODUCTION OF IRON AND STEEL IN CANADAMARCH, 1948

Pig Iron - Production of pig iron in Canada amounted to 172,675 net tons in March compared with 164,403 tons in the corresponding month of last year. The total for the current month included 141,939 tons of basic iron, 17,576 tons of foundry iron and 13,160 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in March amounted to 14,293 net tons compared with 11,823 tons in the previous month and with 14,197 tons in March 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 March totalled 286,026 net tons compared with 269,732 tons in March of last year. Output in the month under review included 275,349 tons of ingots and 10,677 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During February and March, 1948

	<u>February, 1948</u>			<u>March, 1948</u>		
	For own use	For sale	Total	For own use	For sale	Total
(Net tons of 2,000 pounds)						
<u>Pig Iron -</u>						
Basic	118,435	4,889	123,324	138,424	3,515	141,939
Foundry	2,080	13,037	15,117	2,611	14,965	17,576
Malleable .....	...	12,682	12,682	...	13,160	13,160
Total Pig Iron ..	120,515	30,608	151,123	141,035	31,640	172,675
<u>Ferro-alloys</u> .....	...	11,823	11,823	...	14,293	14,293

Table 2 - Cumulative Production for the Three Months Ended March, 1947 and 1948

	<u>1 9 4 7</u>			<u>1 9 4 8</u>		
	For own use	For sale	Total	For own use	For sale	Total
(Net tons of 2,000 pounds)						
<u>Pig Iron -</u>						
Basic	374,022	14,387	388,409	382,123	17,250	399,373
Foundry	904	64,973	65,877	5,341	46,869	52,210
Malleable .....	...	38,062	38,062	...	32,257	32,257
Total Pig Iron ..	374,926	117,422	492,348	387,464	96,376	483,840
<u>Ferro-alloys</u> .....	...	33,198	33,198	...	43,241	43,241



Iron and Steel

- 2 -

Table 3 - Iron Blast Furnace Charges During February and March, 1948, and Three Months Ended March, 1948

	February, 1948	March, 1948	Three Months Ended March, 1948
	(Net tons of 2,000 pounds)		
Iron ore	289,351	329,453	935,646
Mill cinder, scale, sinter, etc.	12,756	18,505	49,529
Limestone	62,574	69,945	200,563
Dolomite	8,964	10,043	31,767
Coke	150,989	169,130	484,966
Scrap iron and steel	4,494	6,439	16,034

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 March, 1948

Condition of Furnaces	Number of furnaces	Total Annual Capacity Net tons	Per cent
In blast	11	2,319,890	84.5
Banked .....	...	...	...
Blown out	3	423,870	15.5
Total	14	2,743,760	100.0

(b) Steel Ingots and Steel Castings

Table 6 - Production During February and March, 1948

	February			March		
	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	191,124	3,584	194,708	236,147	899	237,046
Electric	35,227	248	35,475	38,033	270	38,303
Total Steel Ingots ...	226,351	3,832	230,183	274,180	1,169	275,349
Alloy steel ingots included in above	13,188	...	13,188	13,564	...	13,564
<u>Steel Castings</u>						
Open hearth - Basic	211	2,939	3,150	159	3,328	3,487
Converter	1	42	43	4	62	66
Electric	892	5,378	6,270	1,329	5,795	7,124
Total Steel Castings .	1,104	8,359	9,463	1,492	9,185	10,677
Alloy steel castings included in above	390	643	1,033	613	1,293	1,906
TOTAL INGOTS AND CASTINGS	227,455	12,191	239,646	275,672	10,354	286,026

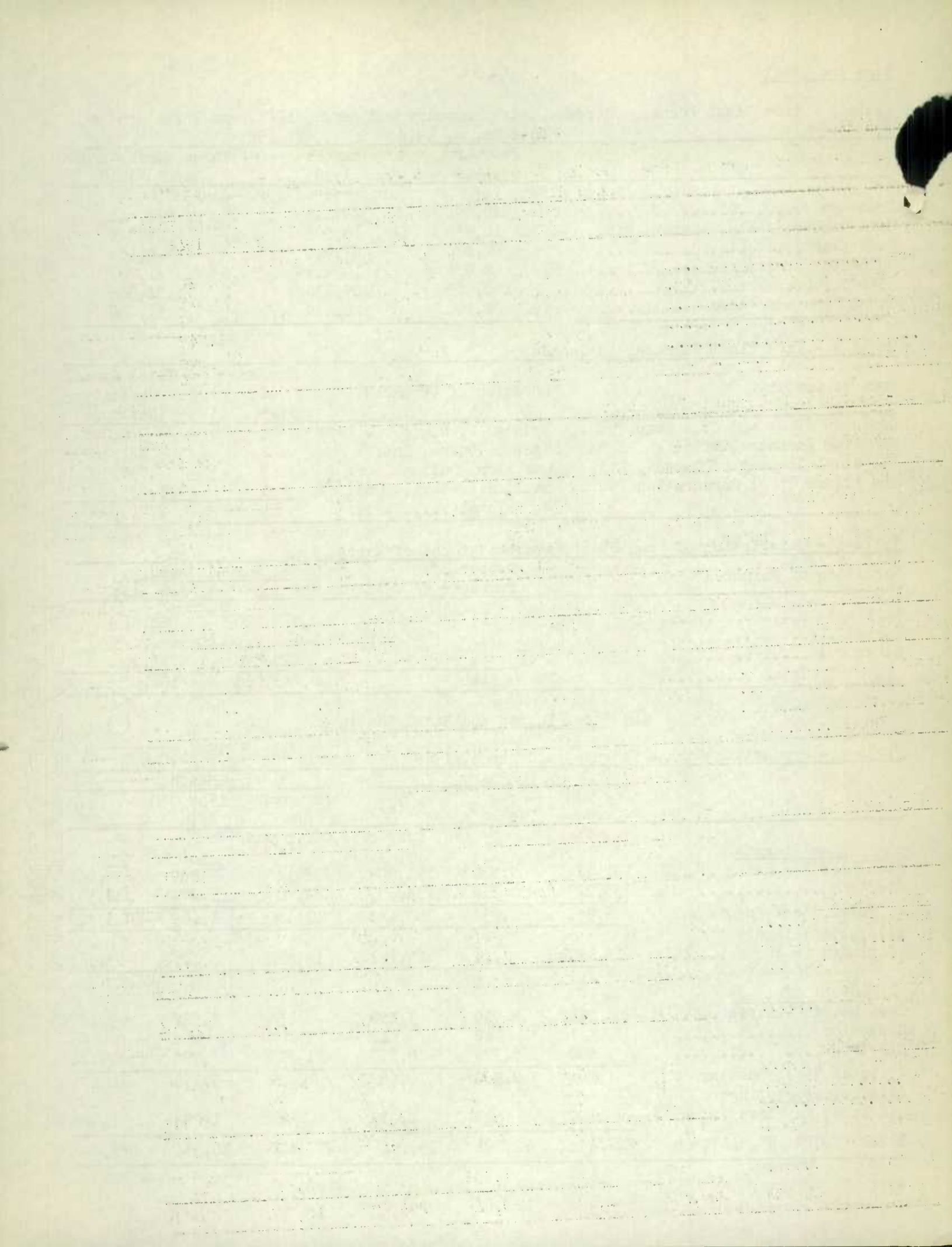


Table 7 - Cumulative Production For the Three Months Ended March, 1947 and 1948.

	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	598,299	26,640	624,939	637,319	6,480	643,799
Electric	104,935	...	104,935	108,708	793	109,501
Total Steel Ingots ...	703,234	26,640	729,874	746,027	7,273	753,300
Alloy steel ingots included in above	25,848	...	25,848	41,308	...	41,308
<u>Steel Castings</u>						
Open hearth - Basic	423	4,139	4,562	504	8,838	9,342
Converter	9	93	102	10	139	149
Electric	4,085	10,129	14,214	3,237	16,370	19,607
Total Steel Castings .	4,517	14,361	18,878	3,751	25,347	29,098
Alloy steel castings included in above	1,471	1,531	3,002	1,409	2,678	4,087
TOTAL INGOTS AND CASTINGS	707,751	41,001	748,752	749,778	32,620	782,398

Table 8 - Pig Iron and Scrap Charged to Steel Furnaces During February and March, 1948, and Three Months Ended March, 1948

	February, 1948	March, 1948	Three Months Ended March, 1948
(Net tons of 2,000 pounds)			
Pig iron	121,865	151,246	400,132
Scrap - Own make	76,704	83,082	235,531
Purchased	65,764	79,273	218,815

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

	Annual Capacity
(Net tons of 2,000 pounds)	
Ingots - Basic open hearth	2,770,000
Electric	475,000
Total Ingots	3,245,000
Steel castings	302,000
Total Ingots and Castings..	3,547,000

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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 for Year.	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					264,098
Total - Three Months	483,840	43,241	753,300	29,098	782,398

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