

# DOMINION BUREAU OF STATISTICS

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## Memorandum

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### PRODUCTION OF PIG IRON AND STEEL

Production of pig iron in Canada amounted to 156,373 net tons in September, 1954, compared with 243,963 tons in the corresponding month of last year. Production of steel ingots and steel castings during September totalled 247,358 net tons compared with 329,344 tons in September of last year.

Table 1 - Production of Pig Iron

	September 1953	September 1954
	(Net tons of 2,000 pounds)	
Pig iron -		
Basic .....	188,739	126,102
Foundry .....	14,776	451
Malleable .....	40,448	29,820
Total pig iron .....	243,963	156,373

Table 2 - Production of Steel Ingots and Steel Castings

	September 1953	September 1954
	(Net tons of 2,000 pounds)	
<u>Steel ingots</u>		
Open hearth - basic .....	281,116	208,049
Electric .....	40,216	33,504
Total steel ingots .....	321,332	241,553
Alloy steel ingots included in above .....	11,692	14,132
<u>Steel castings</u>		
Open hearth - basic .....	2,465	1,333
Converter .....	-	8
Electric .....	5,547	4,464
Total steel castings .....	8,012	5,805
Alloy steel castings included in above:		
(1) High alloy, except manganese and abrasion resistant .....	239	185
(2) High alloy, manganese and abrasion resistant .....	914	1,045
(3) All other alloys .....	832	639
Total alloy steel castings .....	1,985	1,869

**NOTE:** High alloy castings include all castings with any alloy content of eight per cent and over.

Prepared in the Metal and Chemical Products Section, Industry and Merchandising Division.

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Pig Iron and Steel

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Table 3 - Production of Pig Iron

	<u>Nine months ended September</u>	
	1953	1954
	(Net tons of 2,000 pounds)	
Pig iron -		
Basic .....	1,820,856	1,294,399
Foundry .....	117,746	111,710
Malleable .....	333,152	229,319
Total pig iron .....	2,271,754	1,635,428

Table 4 - Production of Steel Ingots and Steel Castings

	<u>Nine months ended September</u>	
	1953	1954
	(Net tons of 2,000 pounds)	
<u>Steel ingots</u>		
Open hearth - basic .....	2,662,912	2,004,673
Electric .....	371,579	283,289
Total steel ingots .....	3,034,491	2,287,962
Alloy steel ingots included in above .....	147,018	96,598
<u>Steel castings</u>		
Open hearth - basic .....	22,656	17,513
Converter .....	289	74
Electric .....	57,402	47,008
Total steel castings .....	80,347	64,595
Alloy steel castings included in above:		
(1) High alloy, except manganese and abrasion resistant .....	1,303	2,499
(2) High alloy, manganese and abrasion resistant .....	10,538	7,526
(3) All other alloys .....	8,379	6,613
Total alloy steel castings ....	20,220	16,638

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.