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Memorandum

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PRODUCTION OF PIG IRON AND STEEL

Production of pig iron in Canada amounted to 181,895 net tons in October, 1954, compared with 265,346 tons in the corresponding month of last year. Production of steel ingots and steel castings during October totalled 279,320 net tons compared with 362,498 tons in October of last year.

Table 1 - Production of Pig Iron

	October 1953	October 1954
	(Net tons of 2,000 pounds)	
Pig iron -		
Basic	217,378	148,398
Foundry	16,133	14,936
Malleable	31,835	18,561
Total pig iron	265,346	181,895

Table 2 - Production of Steel Ingots and Steel Castings

	October 1953	October 1954
	(Net tons of 2,000 pounds)	
<u>Steel ingots</u>		
Open hearth - basic	314,038	238,721
Electric	40,442	35,700
Total steel ingots	354,480	274,421
Alloy steel ingots included in above	16,780	11,565
<u>Steel castings</u>		
Open hearth - basic	2,490	1,415
Converter	"	9
Electric	5,528	3,475
Total steel castings	8,018	4,899
Alloy steel castings included in above:		
(1) High alloy, except manganese and abrasion resistant	173	173
(2) High alloy, manganese and abrasion resistant	929	845
(3) All other alloys	760	249
Total alloy steel castings	1,862	1,267

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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EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1954.

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Table 3 - Production of Pig Iron

	Ten months ended October	
	1953	1954
	(Net tons of 2,000 pounds)	
Pig iron -		
Basic	2,038,234	1,442,797
Foundry	133,879	126,646
Malleable	364,987	247,880
Total pig iron	2,537,100	1,817,323

Table 4 - Production of Steel Ingots and Steel Castings

	Ten months ended October	
	1953	1954
	(Net tons of 2,000 pounds)	
<u>Steel ingots</u>		
Open hearth - basic	2,976,950	2,243,394
Electric	412,021	318,989
Total steel ingots	3,388,971	2,562,383
Alloy steel ingots included in above	163,798	108,163
<u>Steel castings</u>		
Open hearth - basic	25,146	18,928
Converter	289	83
Electric	62,930	50,483
Total steel castings	88,365	69,494
Alloy steel castings included in above:		
(1) High alloy, except manganese and abrasion resistant	1,476	2,672
(2) High alloy, manganese and abrasion resistant	11,467	8,371
(3) All other alloys	9,139	6,862
Total alloy steel castings	22,082	17,905

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