

41-03
MAR 2 1948
Published by Authority of the Rt. Hon. C. D. Howe, M.P.
Minister of Trade and Commerce

MC3-1-3-48
Price -
10 cents

Department of Trade and Commerce
Dominion Bureau of Statistics
Mining, Metallurgical and Chemical Statistics
Ottawa - Canada

Dominion Statistician:	Herbert Marshall
Director - Division of Census of Industry and Merchandising:	W. H. Losee
Chief - Mining, Metallurgical and Chemical Statistics:	H. McLeod

Monthly Report

PRODUCTION OF IRON AND STEEL IN CANADA

JANUARY, 1948

Pig Iron - Production of pig iron in Canada amounted to 160,042 net tons in January compared with 177,313 tons in the corresponding month of last year. The total for the current month included 134,110 tons of basic iron, 19,517 tons of foundry iron and 6,415 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in January amounted to 17,125 net tons compared with 10,888 tons in the previous month and with 9,644 tons in January 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 January totalled 256,726 net tons compared with 249,798 tons in January of last year. Output in the month under review included 247,768 tons of ingots and 8,958 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During December, 1947 and January, 1948

	December, 1947			January, 1948		
	For own use	For sale	Total	For own use	For sale	Total
(Net tons of 2,000 pounds)						
<u>Pig Iron -</u>						
Basic	117,800	14,938	132,738	125,264	8,846	134,110
Foundry	280	16,054	16,334	650	18,867	19,517
Malleable .....	...	16,479	16,479	...	6,415	6,415
Total Pig Iron	118,080	47,471	165,551	125,914	34,128	160,042
<u>Ferro-alloys</u> .....	...	10,888	10,888	...	17,125	17,125

Table 2 - Iron Blast Furnace Charges During December, 1947 and January, 1948

	December, 1947	January, 1948
(Net tons of 2,000 Pounds)		
Iron ore	312,779	316,842
Mill cinder, scale, sinter, etc.	21,371	18,268
Limestone	66,575	68,040
Dolomite	12,629	12,760
Coke	163,040	164,847
Scrap iron and steel	5,819	5,101

Table 3 - 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

(*) Does not include one electric furnace in British Columbia.

Table 4 - Description of Iron Blast Furnaces at End of January, 1948

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

(b) Steel Ingots and Steel Castings

Table 5 - Production During December, 1947 and January, 1948

	December, 1947			January, 1948		
	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	196,765	9,877	206,642	210,048	1,997	212,045
Electric	34,423	...	34,423	35,448	275	35,723
Total Steel Ingots ...	231,188	9,877	241,065	245,496	2,272	247,768
Alloy steel ingots included in above	9,185	...	9,185	14,556	...	14,556
<u>Steel Castings</u>						
Open hearth--Basic	174	2,509	2,683	134	2,571	2,705
Converter	6	8	14	5	35	40
Electric	928	5,079	6,007	1,016	5,197	6,213
Total Steel Castings ..	1,108	7,596	8,704	1,155	7,803	8,958
Alloy steel castings included in above	386	833	1,219	406	742	1,148
TOTAL INGOTS AND CASTINGS	232,296	17,473	249,769	246,651	10,075	256,726

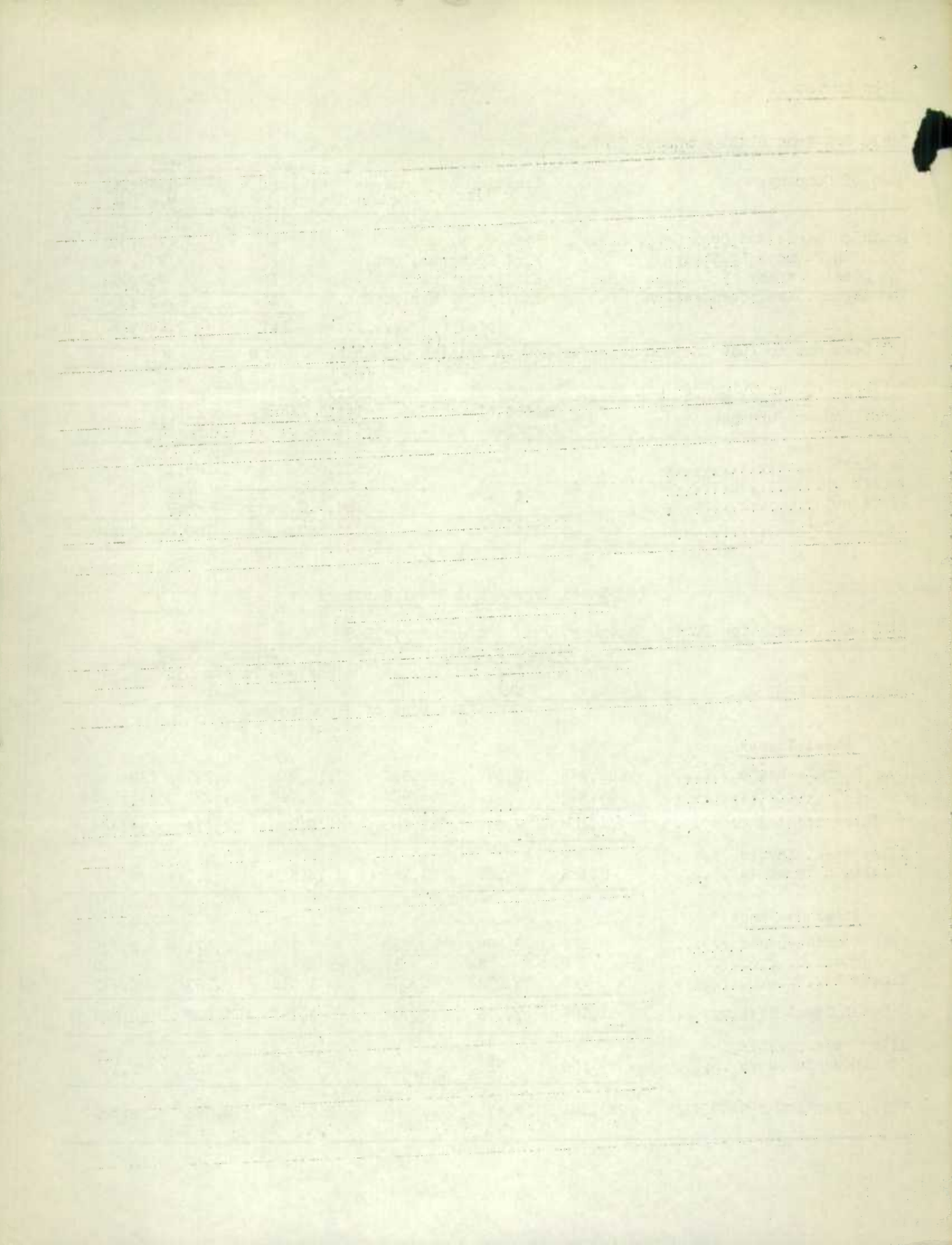


Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	December, 1947	January, 1948
	(Net tons of 2,000 pounds)	
Pig iron	123,240	127,021
Scrap - Own make	74,451	75,745
Purchased	69,523	73,778

Table 7 - Steel Furnace Capacity at End of January, 1948

	Annual Capacity
	(Net tons)
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

Table 8 - 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
Feb.			230,163	9,463	239,646

STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010636477

