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DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS CENSUS OF INDUSTRY MINING, METALLURGICAL AND CHEMICAL BRANCH

OTTAWA - CANADA

Dominion Statistician: S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C. PASSED FOR ATTENDISCE - Mining, Metallurgical and Chemical Branch: Statistician - Metal and Chemical Products

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MONTHLY REPORT

PRODUCTION OF IRON AND STEEL IN CANADA

JANUARY, 1945

PIG IRON - Production of pig iron in Canada amounted to 155,969 net tons in January compared with 132,128 tons in the corresponding month of last year. The total for the current month included 127,398 tons of basic iron, 13,594 tons of foundry iron and 14,977 tons of malleable iron.

FERRO-ALLOYS - Output of ferro-alloys in January amounted to 12,130 net tons compared with 12,391 tons in the previous month and with 16,495 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 268,722 net tons compared with 242,186 tons in January of last year. Output in the month under review included 253,674 tons of ingots and 15.048 tons of castings.

(a) PIG IRON AND FERRO-ALLOYS

	Janu			Dec		944
	For own			For own	For	
	use		TOTAL		and the contract of the last oppositions	TOTAL
DIG IDON			Net tons	of 2,000	pounds)	
PIG IRON -	7.00					
Basic	122,002		127,398	111,351		117,672
Foundry				_		7,999
Malleable	122,002	33,967		111,351		139,152
FERRO-ALLOYS	-	12,130		-	12,391	
	A 4-4-4-6 A 4-4-4-4-4-4-4					
able 2 - IRON BLAST FURNACE	CHARGES DU	RING JAN	UARY, 194	5 AND DEC	EMBER, 1	944.
		January	, 1945	De	cember,	1944
		January		De 5 of 2,00		ar showed adjustment of the street, and
fron ore		January 284,23	(Net ton		00 pounds	ar showed adjustment of company of
			(Net ton			
Mill cinder, scale, sinter, e	etc	284,23	(Net ton		00 pounds)
Iron ore	etc	284,23 19,868	(Net ton	s of 2,00	00 pounds 261,260 Not avai	lable
Mill cinder, scale, sinter, e	etc	284,233 19,868 60,478	(Net ton	s of 2,00	261,260 Not avai 54,432	lable

Table	3 -	TRON	RI.AST	FURNACES	IN CANADA	
TGOTO	0 -	TILON	レルルレン	T. OTOLEGOUS	TH OWNERS	٧.

Name of Company	Location of Furnaces	Number of Stacks	Total Annual Capacity (Net tons)
Dominion Steel and Coal Corp. Ltd. Canadian Furnace Limited	Sydney, N. S. Port Colborne, Ont.	2	730,000 221,760
The Steel Company of Canada, Ltd. The Algoma Steel Corporation	Hamilton, Ont. Sault Ste. Marie, Ont. TOTAL	3 5 14	757,000 1,062,000 2,770,760

Table 4 - DESCRIPTION OF IRON BLAST FURNACES AT END OF JANUARY, 1945

Condition of Furnaces	Number of furnaces	Total Annua Net tons	l Capacity Per cent
In blast	9	2,201,700 569,060	79.4 20.6
TOTAL	14	2,770,760	100.0

(b) STEEL INGOTS AND STEEL CASTINGS

Table 5 - PRODUCTION DURING JANUARY, 1945 AND DECEMBER, 1944

Table 5 - PRODUCTION DURING J	ANUARY, 19	45 AND I	DECEMBER,	1944	and the same of the same of	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
	Jan	uary, 19	945	Dec	ember,]	1944
	For own			For own		
	use	sale	TOTAL	use	sale	TOTAL
			(Net tor	as of 2,00	00 pounds	3)
STEEL INGOTS -						
Open hearth - Basic	219,284	1,170	220,454			201,309
Electric	31,152	2,068	33,220	26,583		28,253
Total Steel Ingots	250,436	3,238	253,674	227,711.	1,851	229,562
Alloy steel ingots includ-						
ed in above	37,730		37,730	27,971	- d ₀	27,971
	rayan di direntaria di di di si	e la laddenska de da 16. vil	1 4 4 46-46-174 6 4 4	4 H A B. C. C. A square	e a mile to a grant water	
STEEL CASTINGS -						
Open hearth - Basic	135	2,857	2,392	141	2,546	2,687
Converter	3	51	54	3	63	66
Electric	5,577	6,425	12,002	5,163	6,004	11,16?
Total Steel Castings	5,715	9,333	15,048	5,307	8,613	13,920
Alloy steel castings						
included in above	870	1,314	2,184	461	1,590	2,051
TOTAL INGOTS AND CASTINGS	256,151	12,571	268,722	233,018	10,464	243,482

	e and another little of the li		FURNACES 1945	Dogg	mber, 1944		
appellant from the last and a change to the control of the control		JERIS D					
Pig iron		13	(Net tor	ns of 2,000	pounds) 121,786		
Scrap - Own make			35,743		78,570		
Purchased			6,006		67,105		
			an mendelen en e	and the control of th	and the state of t		
Table 7 - STEEL FURNAC	E CAPACITY AT	END OF J	NUARY, 1945				
				Annual Ca	pacity		
		termentus representation televisione de 1995 Politic estable es		(Net to	ns)		
Ingots - Basic open he	arth	*****		2,785,4	00		
Electric				573,200			
	Total Ingot	S		3,358,6	00		
Steel castings				264,8	00		
	NGOTS AND CAS			3,623,4	00		
Table 8 - MONTHLY PROD	UCTION OF PIG	IRON, FEI	RRO-ALLOYS AI	ND STEEL, 1 Stee	and the control of th		
MOII GII		2.2		2066			
MO11 011		alloys	Ingots		Total steel		
non on		alloys	of the street, somewhat the rade of the same of the same of		Total steel		
	132,128	alloys 16,495	of the street, somewhat the rade of the same of the same of	Castings	Total steel		
fanuary			(Net tons	Castings of 2,000 po	Total steel unds)		
fanuary	132,128	16,495	(Net tons of 229,324 216,567 261,171	Castings of 2,000 po	Total steel unds)		
Sanuary	132,128 141,878 168,047 170,364	16,495 14,720	(Net tons of 229,324 216,567	Castings of 2,000 po 12,862 13,285	Total steel unds) 242,186 229,852		
January Sebruary March	132,128 141,878 168,047 170,364 175,207	16,495 14,720 13,427 12,818 15,876	(Net tons of 229,324 216,567 261,171 250,157 251,463	Castings of 2,000 po 12,862 13,285 14,368 10,668 11,968	Total steel unds) 242,186 229,852 275,539		
January	132,128 141,878 168,047 170,364 175,207 161,899	16,495 14,720 13,427 12,818 15,876 17,906	(Net tons of 229,324 216,567 261,171 250,157 251,463 228,774	Castings of 2,000 po 12,862 13,285 14,368 10,668 11,968 11,976	Total steel unds) 242,186 229,852 275,539 260,825 263,431 240,750		
January February March April May	132,128 141,878 168,047 170,364 175,207 161,899 166,004	16,495 14,720 13,427 12,818 15,876 17,906 14,508	(Net tons of 229,324 216,567 261,171 250,157 251,463	Castings of 2,000 po 12,862 13,285 14,368 10,668 11,968	Total steel unds) 242,186 229,852 275,539 260,825 263,431		
January February March April July August	132,128 141,878 168,047 170,364 175,207 161,899	16,495 14,720 13,427 12,818 15,876 17,906 14,508 18,808	(Net tons of 229,324 216,567 261,171 250,157 251,463 228,774 224,774 235,556	Castings of 2,000 po 12,862 13,285 14,368 10,668 11,968 11,976	Total steel unds) 242,186 229,852 275,539 260,825 263,431 240,750		
January Sebruary March April May June July August September	132,128 141,878 168,047 170,364 175,207 161,899 166,004 151,452 145,406	16,495 14,720 13,427 12,818 15,876 17,906 14,508 18,808 14,568	(Net tons of 229,324 216,567 261,171 250,157 251,463 228,774 224,774 235,556 231,292	Castings of 2,000 po 12,862 13,285 14,368 10,668 11,968 11,976 9,644 11,199 11,433	Total steel unds) 242,186 229,852 275,539 260,825 263,431 240,750 234,418		
January Gebruary March May June July September October	132,128 141,878 168,047 170,364 175,207 161,899 166,004 151,452 145,406 154,119	16,495 14,720 13,427 12,818 15,876 17,906 14,508 18,808 14,568 15,631	(Net tons of 229,324 216,567 261,171 250,157 251,463 228,774 224,774 235,556 231,292 263,263	Castings of 2,000 po 12,862 13,285 14,368 10,668 11,968 11,976 9,644 11,199 11,433 12,261	Total steel unds) 242,186 229,852 275,539 260,825 263,431 240,750 234,418 246,755 242,725 275,524		
January Tebruary March April July September Jovember	132,128 141,878 168,047 170,364 175,207 161,899 166,004 151,452 145,406	16,495 14,720 13,427 12,818 15,876 17,906 14,508 18,808 14,568 15,631 15,280	(Net tons of 229,324 216,567 261,171 250,157 251,463 228,774 224,774 235,556 231,292	Castings of 2,000 po 12,862 13,285 14,368 10,668 11,968 11,976 9,644 11,199 11,433	Total steel unds) 242,186 229,852 275,539 260,825 263,431 240,750 234,418 246,755 242,725		
January February March May June July August October November	132,128 141,878 168,047 170,364 175,207 161,899 166,004 151,452 145,406 154,119	16,495 14,720 13,427 12,818 15,876 17,906 14,508 18,808 14,568 15,631	(Net tons of 229,324 216,567 261,171 250,157 251,463 228,774 224,774 235,556 231,292 263,263	Castings of 2,000 po 12,862 13,285 14,368 10,668 11,968 11,976 9,644 11,199 11,433 12,261	Total steel unds) 242,186 229,852 275,539 260,825 263,431 240,750 234,418 246,755 242,725 275,524		
January February March April May June July August September October November December TOTAL, 1944	132,128 141,878 168,047 170,364 175,207 161,899 166,004 151,452 145,406 154,119 146,972	16,495 14,720 13,427 12,818 15,876 17,906 14,508 18,808 14,568 15,631 15,280	(Net tons of 229,324 216,567 261,171 250,157 251,463 228,774 224,774 235,556 231,292 263,263 256,504	Castings of 2,000 po 12,862 13,285 14,368 10,668 11,968 11,976 9,644 11,199 11,433 12,261 12,419	Total steel unds) 242,186 229,852 275,539 260,825 263,431 240,750 234,418 246,755 242,725 275,524 268,923		

