DEPOSIT.

MAY 31 1939

NAMED AND ATTEMPTS

Published by Authority of the HON. W. E. EULER, M.P.,

Minister of Trade and Commerce

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

R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Dominion Statistician: Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.

MONTHLY REPORT

PRODUCTION OF IRON AND STEEL IN CANADA

APRIL, 1939

PIG IRON - Production of pig iron in Canada at 46,254 long tons in April was 14 per cent over the 40,723 tons of March but 30 per cent under the 65,644 tons made in April, 1938. This month's total was made up of 44,280 tons of basic iron and 1,974 tons of foundry iron.

Furnace charges for the month included 81,420 long tons of imported iron ore, 24.666 short tons of limestone and 48,733 short tons of coke. During the first four months of this year a total of 316,840 tons of iron ore, 97,932 tons of limestone and 184,572 tons of coke were charged to iron blast furnaces in Canada to produce 185,970 tons of pig iron.

FERRO-ALLOYS .- Output of ferro-alloys in Canada amounted to 4,284 tons in April against 3,526 tons in March and 8,686 tons in April of a year ago. This month's total was made up of spiegeleisen, ferromanganese and ferrosilicon.

STEEL INGOTS AND CASTINGS - Production of steel ingots and direct castings in Canada totalled 99,752 tons in April as against 95,697 tons in the previous month and 116,445 tons in April of last year. Output for the current month included 95,383 tons of ingots and 4,369 tons of castings.

For the four months ending April the cumulative production amounted to 350,826 tons as compared with 446,481 tons in the first four months of 1938.

PRICES - Canadian iron and steel markets operated on a steady but quiet basis during April. At first transactions were estimated at about 25 per cent below early first quarter levels, but business improved as the month progressed. The increased operations on the part of some plants were credited chiefly to the placing of orders from the United Kingdom, although the filling of orders for railway cars on domestic account also had a stimulating effect. Good demand was report for builders' hardware, reinforcing bars, steel sheets, and auto requirements. The Dominion Bureau of Statistics index number of wholesale prices of "Iron and Its Products" on the base 1926 = 100 rose from 97.4 in March to 97.5 in April, due principally to a rise in the price of 2" firewelded bright coil chain. Foundry pig iron prices were unchanged, No. 1 delivered at Toronto being quoted at \$23.00 per gross ton.

UNITED STATES -Output of pig iron dropped to 67,775 tons a day in April from 77,246 tons in March, a decline of 12.3 per cent. During the month one furnace was blown in, six were blown out and sixteen were banked.

(a) PIG IRON and FERRO-ALLOYS

(a) PIG IRON	and FERI	RO-ALLOYS			
Table 1 - PRODUCTION during APRIL and MARCH, 1939			(Tons	of 2,240	oounds)	
APRIL					MARCH	and a succession of the
	For own	For	Paramata, Artika (1994) daga salah sarah daga salah sarah daga salah sarah	For own	For	The transport of the second of the second
	use	Sale	TOTAL	use	Sale	TOTAL
DTC TDON	-10 20-00 - Endinglish retired to	AND REAL PROPERTY AND PROPERTY.	S-EET-S-WEST-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-S-		or requirement of the same	
PIG IRON -	44,280		44,280	40,723		10 79%
Foundry	-	1,974	1,974	40,120	• • •	40,723
Malleable	-		_	0 0 0	• • •	* * * *
TOTAL	44,280	1,974	46,254	40,723	0 0 0	40,723
Ferro-alloys	man and the state of the state	4,284	4,284	000	3,526	3,526
Table 2 - CUMULATIVE PRODUCTION	N FOR THE	FOUR MONI	HS ending	APRIL, 193	39 and 193	88
ട്രാൻ ട്രൂപ്പർ സ്വാസ് എട്ടും പ്രസ്ത്രത്ത് സ്വാത്രൂട്ട് കുടും കുടും വിത്രത്ത്രില് സ്വാസ് സ്വാസ് സ്വാസ് വിതര്	According to the County of the	2,240 pc	unds)			
		1939			1938	
	For own	For	TOTAL	For own	For	TOTAL
	use	Sale		use	Sale	
PIG IRON -						
Basic	165,767	4,673	170,440	225,560	1,558	227,118
Foundry	-	12,149	12,149	_	21,918	21,918
Malleable		3,381	3,381	582	18,563	19,145
TOTAL	165,767	20,203	185,970	226,142	42,039	268,181
Ferro-alloys		15,964	15,964		22,650	22,650
maki. 7 TOON DI AGE SUDNAGE (I	HADORG DUD	TNO ABDIT	MADOTI	and BOUD WO	Name of the same	No
Table 3 - IRON BLAST FURNACE C		ING APRIL	, MARCH,	and rook Mc	MIHS ENDI	LING
manifestion withings without an specific maliticaphysiological and contained, and produced in positivitation almost adjustification through contained to the co	THE RE-		g. organization of "Street or Street		FOUL	MONTHS
		APRI	L	MARCH		ing APRIL
Imported iron ore Lon	r ton	81,42	20	71,030		6,840
Limestone Short		24,66		20,091		37,932
Coke Sho		48,73		39,670		34,572
		20 9 , 0				
(b)	STEEL ING	OTS AND C	ASTINGS			
			Commission Code State of	/ M - w - C	-6 9 940	
Table 4 - PRODUCTION FOR APRIL	and MARCH	-		Tons	01 2,240	
	management and a standard of	APRIL			3/45 077	pounds)
	For own				MARCH	pounds)
		For	ΤΟΤΑΙ.	For own	For	
	use	For Sale	TOTAL	For own use		pounds) TOTAL
STEEL INGOTS -			TOTAL		For	
STEEL INGOTS - Open hearth - Basic		Sale	TOTAL 91,733	use 88,116	For	
Open hearth - Basic Electric	use	Sale	nd maks NC micharataubush (Matherolomia	use	For Sale	TOTAL
Open hearth - Basic Electric Other	91,571 3,650	Sale	91,733 3,650	use 88,116 3,572	For Sale	TOTAL 88,116 3,572
Open hearth - Basic Electric	91,571 3,650	Sale	91,733 3,650	88,116 3,572	For Sale	TOTAL 88,116 3,572
Open hearth - Basic Electric Other Total Steel Ingots	91,571 3,650	Sale	91,733 3,650	use 88,116 3,572	For Sale	TOTAL 88,116 3,572
Open hearth - Basic Electric Other	91,571 3,650	162 - 162	91,733 3,650	use 88,116 3,572	For Sale	TOTAL 88,116 3,572
Open hearth - Basic Electric Other Total Steel Ingots STEEL CASTINGS -	91,571 3,650 - 95,221	162 - 162	91,733 3,650 - 95,383	88,116 3,572 91,688	For Sale	TOTAL 88,116 3,572 91,688
Open hearth - Basic Electric Other Total Steel Ingots STEEL CASTINGS - Open hearth - Basic Bessemer Electric	91,571 3,650 - 95,221 152 - 676	162 162 1,232 40 2,269	91,733 3,650 95,383 1,384 40 2,945	91,688 142 616	For Sale 1,020 42 2,189	TOTAL 88,116 3,572 91,688 1,162 42 2,805
Open hearth - Basic Electric Other Total Steel Ingots STEEL CASTINGS - Open hearth - Basic Bessemer	91,571 3,650 - 95,221 152	Sale 162 162 1,232 40	91,733 3,650 - 95,383 1,384 40	91,688	For Sale	TOTAL 88,116 3,572 91,688 1,162 42
Open hearth - Basic Electric Other Total Steel Ingots STEEL CASTINGS - Open hearth - Basic Bessemer Electric Total Direct Steel Castings	91,571 3,650 95,221 152 676 828	162 - 162 1,232 40 2,269 3,541	91,733 3,650 - 95,383 1,384 40 2,945 4,369	91,688 142 616 758	For Sale 1,020 42 2,189 3,251	TOTAL 88,116 3,572 91,688 1,162 42 2,805 4,009
Open hearth - Basic Electric Other Total Steel Ingots STEEL CASTINGS - Open hearth - Basic Bessemer Electric	91,571 3,650 - 95,221 152 - 676	162 - 162 1,232 40 2,269 3,541	91,733 3,650 95,383 1,384 40 2,945	91,688 142 616	For Sale 1,020 42 2,189	TOTAL 88,116 3,572 91,688 1,162 42 2,805

Table 5 - CUMULATIVE PRODUCTION FOR THE FOUR MONTHS ending APRIL, 1939 and 1938

	1939			1938			
	For own use	For Sale	TOTAL	For own use	For Sale	TOTAL	
STEEL INGOTS - Open hearth - Basic Electric Other	322,700	266	322,966 13,013	401,883	247	402,130 25,344	
Total Steel Ingots	335,713	266	335,979	427,227	247	427,474	
STEEL CASTINGS - Open hearth - Basic Bessemer Electric	638 2,372	3,412 156 8,269	4,050 156 10,641	730 - 3,119	5,601 258 9,299	6,331 258 12,418	
Total Direct Steel Castings	3,010	11,837	14,847 350,826	3,849 431,076	15,158 15,405	19,007	

Table 6 - AVERAGE MONTHLY PRODUCTION OF PIG IRON, STEEL INGOTS and CASTINGS IN CANADA,

1916 - 1938 (In 1000's of long tons)

	344	1000	111 1000 0 01 1015	-	
	Monthly	Average		Monthl	y Average
Year	Iron	Steel	Year	Iron	Steel
1916	87	106	1928	86	103
1917	87	130	1929	91	115
1918	89	140	1930	62	84
1919	68	77	1931	36	56
1920	81	92	1932	12	29
1921	50	56	1933	19	34
1922	32	40	1934	34	63
1923	73	74	1935	50	78
1924	49	54	1936	56	93
1925	48	63	1937	75	117
1926	63	64	1938	59	96
1927	59	76			

Table 7 - PRODUCTION OF PIG IRON, BY MONTHS and BY PROVINCES, and STEEL INGOTS and CASTINGS, BY MONTHS, 1938 and 1939. (In 1000's of long tons)

OND LINGS I	27 100747	1000	CALLO TO	121	1 1000 8	71 10115	0011		
		PIG	IF	RON			;_	STI	EEL
Month	NOVA	SCOTIA	ONTA	RIO	TOTAL	CANADA	:	TOTAL	CANADA
	1938	1939	1938	1939	1938	1939	:	1938	1939
January	29	16	46	42	75	58		113	78
February	24	13	37	28	61	41		99	77
March	28	12	38	29	66	41		119	96
April	28	19	38	27	66	46		116	100
Four Months Total	109	60	159	126	268	186		447	351
May	29		43		72			115	
June	19		45		64			109	
July	13		38		51			84	
August	14		36		50			83	
September	13		37		50			74	
October	16		35		51			76	
November	15		31		46			90	
December	15		38		53			79	
TOTAL FOR YEAR	243		462		705			1,156	



Table 8 - IRON BLAST FURNACES IN CANADA

	Location	Number	Total Daily
Name of Company	of	of	Capacity
	Furnace	Stacks	(Long tons)
Dominion Steel and Coal Corp. Ltd.	Sydney, N. S.	3	1,200
Canadian Furnace Limited	Port Colborne, Ont.	1	350
The Steel Company of Canada, Ltd.	Hamilton, Ont.	2	825
The Algoma Steel Corporation	Sault Ste. Marie, Ont.	4	1,600

Table 9 - DESCRIPTION OF FURNACES AT END OF APRIL, 1939

Condition of Furnaces	Number of furnaces	Total Daily Capacity Long tons Per cent
In blast	4 1 5	1,950 49 350 9 1,675 42
Total Furnaces Reporting	10	3,975 100

NOTE - Figures in this report are the latest available at time of printing. Where necessary, data for earlier months have been revised.