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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

MINING, METALLURGICAL AND CHEMICAL BRANCH

OTTAWA - CANADA

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## MONTHLY REPORT

PRODUCTION OF IRON AND STEEL IN CANADA

## SEPTEMBER, 1938

PIG IRON - Production of pig iron in Canada totalled 49,972 long tons in September compared with 49,477 tons made in the previous month and 76,180 tons in September of 1937. This month's output included 33,056 tons of basic iron, 9,434 tons of foundry iron and 7,482 tons of malleable iron.

During the month 83,892 long tons of iron ore, 51,214 short tons of coke and 24,902 short tons of limestone were charged to iron blast furnaces in Canada to make a total charge for the first nine months of this year of 978,066 tons of ore, 551,430 tons of coke and 278,185 tons of limestone. From these materials a total of 554,845 tons of pig iron was produced. During the corresponding period of last year production was reported at 654,438 tons.

FERRO ALLOYS - September output of ferro alloys at 3,174 tons compares with the 1,857 tons of August and 7,720 tons in September of a year ago. This month's total included spiegeleisen, ferrosilicon and ferromanganese.

STEEL INCOTS AND CASTINGS - Production of steel ingots and castings amounted to 73,556 tons in September. In the previous month the tonnage was reported at 82,781 tons and in September 1937 at 114,622 tons.

For the nine months ending September 1938 the cumulative production was 911,005 tons against 1,077,462 made in the corresponding period of a year ago.

PRICES - With the passing of the holiday season, trade on iron and steel products showed steady improvement and prices held firm. Sales of spot tonnages increased with demand originating mostly from mining concerns and from plants manufacturing agricultural implements while automobile manufacturers also showed more interest. No large contracts were reported but most mills had sufficient backlogs to maintain operations at about 80 p.c. capacity. Scrap iron and steel were in better demand and price advances ranging from 50¢ to \$1.00 per ton for this material were recorded. The Dominion Bureau of Statistics index number of wholesale prices on the base 1926=100 rose from 98.0 in August to 98.2 in September. Foundry pig iron delivered f.o.b. cars at Montreal was unchanged at \$24.00 per gross ton.

UNITED STATES - In the United States the production of coke pig iron in September, on a daily basis, increased 16.2 per cent over that in August, or from 48,193 tons a day to 56,015 tons, and was the highest daily rate since November last year, when it was 66,891 tons. During the month nine furnaces were put in blast and two taken off, a net gain of seven active furnaces.

	(a) PIG I	RON AND	FERRO ALLOYS			
Table 1 - PRODUCTION DURI		A 87 . MALE TO B	many to the same and the same to the same to the	(Tons	of 2,24	O pounds)
		PTEMBER.	1938	· ····································	UGUST, 1	938
	For own	For	70 M A 1	For own	For	
DEC TOON	use	sale	TOTAL	use	_ sale	TOTAL
PIG IRON	32 OF6		22 OEC	70.205	0 170	70 675
Foundry	33,056	9,434	33,056 9,434	30,205	8,430	38,635
Malleable	900	7,482	7.482	000	7,448	7,448 3,394
TOTAL	33.056	16,916	49,972	30,205	19,272	49,477
Ferro-alloys		3,174	3,174	00000	1,857	1,857
Table 2 - CUMULATIVE PROD					ER, 1938	and 1937.
employment or usual currier reserves or or revenue to be usual to a construction of the second of th	*		2,240 pounds)	938 N. Gillian (2017) (2016), J. B. C. Strick (2016), Strick (2016	salus al fill a gave ser i Silvi Sel i Sele	week over the own or make the service to the contract of the c
	173	9 3	8	A SPECIAL PARENCE DATE AND A SPECIAL PROPERTY OF THE PARENCE OF TH	9 3 7	and the state of t
	For own	For	MOMA!	For own	For	mom a r
PIG IRON -	use	sale	TOTAL	use	sale	TOTAL
Basic	440,160	12.376	452,536	505,895	30, 368	536,263
Foundry	220,100	50,769	50,769	40	72,868	72,908
Malleable	582	50,958	51,540	1,642	43,625	45,267
TOTAL	440,742		554,845	507,577	146,861	654,438
Ferro-alloys	303	42,319	42.319	000	55,636	55,636
Table 3 - IRON BLAST FURN	ACE CHARGI	ES DURIN	G SEPTEMBER,	AUGUST, and	YEAR TO	DATE.
The second second of the second secon	Unit	district the second of the sec	SEPTEMBER	AUGUST	Y	EAR TO DATE
Imported iron ore	Long ton		83,892	88,558		978,066
Coke	Short to		51,214	49,669		551,430
Limestone	Short ton	n	24,902	24,503		278,185
The state of the s	Berne State Commission (See State Commission See State Commission See State Commission See State Commission Se	SATURE OF A BOARD OF	d Garl dari ar makeudak akeder 15 - akedi kulomi disel	eriore de la describir de describerario de Nuelle de Consesso.	die de omerinense versy versus in our o	radio as C. 1990, Marketta Montagni Per 20 and subsection
	(b) STEI	EL INGOT	S and CASTING	S		
Table 4 - PRODUCTION FOR	SEPTEMBER	and AUGI	UST. 1938.	(Tons	of 2,240	pounds)
	SEPTE	MBER, 1	938		UST, 1938	
	For own		POLICE TO STATE OF	For own	For	
	use	sale	TOTAL	use	sale	TOTAL
STEEL INGOTS	00 800		00 000	190 a 07 000 00		50 A M 70 A
Open hearth - Basic	66,766	300	66,766	74,572	000	74,572
Electric	4,007	000	4,007	3,914	000	3,914
Other	70,773		70,773	78,486	To describe the state of the st	78.486
TOTAL DIRECT INCOLD 55			manufacture of the second	109 400		10.400
STEEL CASTINGS -						
Open hearth - Basic	86	578	664	94	1,117	1,211
Bessemer	000	51	51.	000	46	46
Electric	342	1,726	2,068	254	2,784	3,038
TOTAL DIRECT STEEL	Mary College C					
	Mary College C	1,726 2,355	2,068	348	3,947	4,295
TOTAL DIRECT STEEL	Mary College C					

Table 5 - CUMULATIVE PRODUCTION FOR THE NINE MONTHS ENDING SEPTEMBER, 1938 and 1937.

		9 3 8			1 9 3	7
	For own	For		For own	For	
	use	sale	TOTAL	use	sale	TOTAL
STEEL INGOTS -						
Open hearth - Basic	822,312	247	822,559	980,129	266	980,395
Electric	45,415	000	45,415	43,455		43,455
Other	990	200	0.00	000	000	000
TOTAL STEEL INGOTS	867,727	247	867.974	1,023,584	266	1,023,850
STEEL CASTINGS -						
Open hearth - Basic	1,344	13,067	14,411	1,674	18,935	20,609
Bessemer	000	485	485	000	748	748
Electric	4,937	23,198	28,135	4,199	28,056	32,255
TOTAL DIRECT STEEL						
CASTINGS	6,281	36,750	43,031	5,873	47,739	53,612
GRAND TOTAL	874,008	36,997	911,005	1,029,457	48,005	1,077,462

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

consistent de retire de l'asserte il destaller van disselvatione Vallensi sufférée le confidèration et de	CANADA.	1916 - 193	7. (In 1000's of long to	ns)	
Year	Iron	Average Steel	Year	Monthly Iron	Average Steel
1916	87	106	1927	59	76
1917	87	130	1928	86	103
1918	89	140	1929	91	115
1919	68	77	1930	62	84
1920	81	92	1931	36	56
1921	50	56	1932	12	29
1922	32	40	1933	19	34
1923	73	74	1934	34	63
1924	49	54	1935	50	78
1925	48	63	1936	56	93
1926	63	64	1937	75	117

Table 7 - PRODUCTION OF PIG IRON, BY MONTHS and BY PROVINCES, and STEEL INGOTS and CASTINGS. BY MONTHS. 1937 and 1938. (In 1000's of long tons)

UADILIVUD.	TO an amendment	100	I and I	2003	Trill TO	10. 8 OI	TOITE	COLLEY	
	MANAGEM PROPERTY OF THE		PIG I	RON				ST	EEL
Month	NOVA	SCOTIA	ONTA	RIO	TOTAL	CANADA		TOTAL	CANADA
	1937	1938	1937	1938	1937	1938		1937	1938
January	28	29	38	46	66	75		115	112
February	25	24	37	37	62	61		112	99
March	29	28	42	38	71	66		125	119
April	28	28	40	38	68	66		121	116
May	27	29	51	43	78	72		121	115
June	27	19	51	45	78	64		119	109
July	26	13	54	38	80	51		123	84
August	26	14	49	35	75	49		127	83
September	26	13	50	37	76	50		115	74
TOTAL FOR NINE MONTHS	242	197	412	357	654	554		1,078	911
October	25		56		81			115	
November	27		54		81			111	
December	28		53		81			98	
	The second second second second	ale realizable reports are no	The second second		V. A.B	Service Court	TALL NAME OF THE	ar ar ar gar ar ar	And the second s
TOTAL FOR YEAR	322	and the same and the same transfer	575	or distribution in the contract of the contrac	897		# 11 - Tro - Do -	1,402	

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Table 8	- IRON	BLAST	FURNACES	IN	CANADA.	1937.

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

Table 9 - DESCRIPTION OF FURNACES AT END OF SEPTEMBER, 1938,

Condition of furnaces	Number of furnaces	Total Daily	Per cent
In blast	5	2,175	55
Blown out	5	1,800	45
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.

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