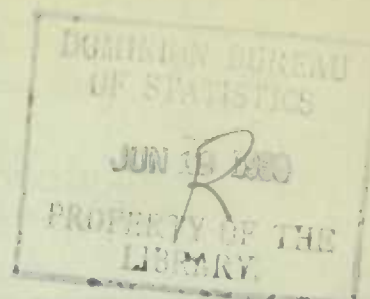


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Monthly Report
on
PRODUCTION OF IRON AND STEEL
in Canada

MAY 1930

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Figures in this report are the latest available at time of printing;
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PRODUCTION OF IRON AND STEEL IN CANADA

MAY 1930

PIG IRON.— Production of pig iron in Canada during May at 80,505 long tons was 11 per cent higher than the total of 72,339 tons in April and only 1 per cent below the output of 81,464 tons for May of last year, according to a statement issued by the Dominion Bureau of Statistics at Ottawa. The increase in May over April was at the rate of 187 tons a day to make an average daily output of 2,597 tons; this daily rate was the second highest for any month of the year to date, being only exceeded by the January average of 2,809 tons per day.

The gain in May was due entirely to an increase in the production of malleable iron as the tonnage of foundry iron remained about stationary and basic iron showed a slight decline. Output of malleable iron rose sharply to 12,636 tons from 1,826 tons in April; foundry iron at 11,387 tons showed little change from the 11,175 tons in the previous month, and basic iron dropped to 56,462 tons from 59,338 tons.

Furnace charges for the month of May included 145,087 long tons of imported iron ore, 41,112 short tons of limestone and 82,062 short tons of coke. Of the limestone 12,104 tons were mined in Canada, and of the coke 72,825 tons were made in Canada, 19,105 tons being made from Canadian coal.

On the first of May, one 350 ton furnace was lighted at Port Colborne, Ontario, and on May sixth one 300 ton furnace at Sydney, N.S., was blown out. This resulted in six furnaces being active on May 31, the same as on April 30. The active furnaces had a total capacity of 2,425 long tons per day, or 58 per cent of the total capacity of all iron blast furnaces in Canada and were located as follows: 2 at Sault Ste. Marie, Ont.; 2 at Hamilton, Ont.; 1 at Sydney, N.S.; and 1 at Port Colborne, Ont.

For the five months ending May 31, 1930, production aggregated 385,105 tons, a decline of 10 per cent from the total of 428,684 tons reported for the corresponding period of 1929 which in turn was 16 per cent greater than the 370,634 tons made during the first five months of 1928. This year's output to date included 273,214 tons of basic iron, 72,517 tons of foundry iron and 39,374 tons of malleable iron.

FERRO-ALLOYS.- Production of ferro-alloys in Canada amounted to 7,766 tons in May as compared with 7,939 in April. Output for the month under review consisted mostly of ferrosilicon and ferro-manganese; a small tonnage of spiegeleisen was made.

STEEL INGOTS AND CASTINGS.- Production of steel ingots and direct steel castings in Canada during May at 91,692 tons was the lowest tonnage reported for any month of the year to date being 11 per cent under the 102,681 tons of the previous month and 25 per cent less than the 126,372 tons made in May of a year ago. The decline from April was mostly accounted for by steel ingots dropping to 86,040 tons from 95,095 tons while steel castings also fell off slightly to 5,652 tons from 7,586 tons.

For the five months ending May 31, 1930, the cumulative production at 533,672 tons was 14 per cent lower than the 619,337 tons reported for the first five months of 1929 which in turn was 17 per cent over the 531,808 tons produced in the corresponding period of 1928. This year's output to date included 499,418 tons of ingots and 34,254 tons of castings.

PRICES.- Pig iron markets remained quiet during May, with orders placed being generally limited to small amounts for prompt delivery. Small melters especially were reported to be reticent about covering more than immediate requirements. No. 1 foundry pig iron at Toronto and Montreal remained unchanged at \$22.60 and \$24.00 per gross ton respectively, with corresponding quotations for No. 2 likewise stationary at \$22.10 and \$23.50 per gross ton. The Bureau's index for "Iron and Its Products" moved down from 92.5 to 91.6, due in part to reduced quotations for galvanized sheets and scrap iron.

UNITED STATES.- (From "The Iron Age" - issue of June 5.). In the United States the May output of pig iron was at the rate of 104,283 tons per day, a drop of 1,779 tons a day, or less than 2 per cent, from the daily average of 106,062 tons in April. This decline was not unexpected, in view of the recent trend of steel output and the current indications of a seasonal contraction in demand. A net loss of three active blast furnaces, seven having been put out, as against four lighted, is corroborative evidence that operations are on the downswing, though obviously not a sharp one.

PIG IRON AND FERRO-ALLOYS IN CANADA

Table 1. PRODUCTION FOR THE CURRENT AND PRECEDING MONTH (Tons of 2240 lb.)

ITEM	MAY 1930			APRIL 1930		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	55,165	1,317	56,482	58,651	687	59,333
Foundry.....		11,387	11,387		11,175	11,175
Malleable.....		12,636	12,636		1,826	1,826
TOTAL.....	55,165	25,340	80,505	58,651	13,683	72,339
Ferro-alloys*.....		7,766	7,766		7,939	7,939

Table 2. CUMULATIVE PRODUCTION FOR THE FIVE MONTHS ENDING MAY
(Tons of 2240 lb.)

ITEM	1930			1929		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	270,484	2,730	273,214	332,625	1,074	333,699
Foundry.....	571	71,946	72,517	706	70,094	70,800
Malleable.....		39,374	39,374		24,185	24,185
TOTAL.....	271,055	114,050	385,105	333,331	95,353	428,684
Ferro-alloys*.....		33,901	33,901		34,018	34,018

Table 3. BLAST FURNACE CHARGES - MAY, APRIL AND YEAR TO DATE.

		MAY	APRIL	YEAR TO DATE
Imported Iron ore.....	Long tons	145,087	131,763	695,973
Canadian Limestone.....	Short tons	12,104	11,277	57,199
Imported Limestone.....	" "	29,008	29,244	152,635
Coke made in Canada:-				
From Canadian coal.....	" "	19,105	28,897	127,440
From Imported coal.....	" "	53,720	53,386	263,268
Imported coke.....	" "	9,237		24,138

* Revised

STEEL INGOTS AND CASTINGS IN CANADA

Table 4 PRODUCTION FOR THE CURRENT AND PRECEDING MONTH (Tons of 2240 lb.)

ITEM	MAY 1930			APRIL 1930		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	81,591	248	81,839	92,132	51	92,183
Acid	-----	-----	-----	-----	-----	-----
Electric	2,696	-----	2,696	2,038	-----	2,038
Other	1,505	-----	1,505	874	-----	874
TOTAL STEEL INGOTS	85,792	248	86,040	95,044	51	95,095
STEEL CASTINGS:						
Open Hearth-Basic	159	2,132	2,291	142	3,702	3,844
Acid	-----	-----	-----	-----	-----	-----
Bessemer	4	179	183	4	289	293
Electric	17	3,161	3,178	11	3,438	3,449
TOTAL DIRECT STEEL CASTINGS	180	5,472	5,652	157	7,429	7,586
GRAND TOTAL	85,972	5,720	91,692	95,201	7,480	102,681

Table 5 CUMULATIVE PRODUCTION for the FIVE MONTHS ending MAY

	1930			1929		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	482,531	419	482,950	576,938	3,629	580,567
Acid	-----	-----	-----	-----	-----	-----
Electric	10,813	-----	10,813	4,550	-----	4,550
Other	5,655	-----	5,655	5,142	-----	5,142
TOTAL STEEL INGOTS	498,999	419	499,418	586,630	3,629	590,259
STEEL CASTINGS:						
Open Hearth-Basic	869	15,914	16,783	909	6,463	7,372
Acid	-----	-----	-----	24	7,254	7,278
Bessemer	23	1,071	1,094	34	1,314	1,348
Electric	110	16,267	16,377	53	13,027	13,080
TOTAL DIRECT STEEL CASTINGS	1,002	33,252	34,254	1,020	28,058	29,078
GRAND TOTAL	500,001	33,671	533,672	587,650	31,687	619,337

Table 6 AVERAGE MONTHLY PRODUCTION OF
PIG IRON, STEEL INGOTS AND CASTINGS
IN CANADA, 1916 - 1929.
(In 1000's of Long Tons)

YEAR	MONTHLY AVERAGE		YEAR	MONTHLY AVERAGE	
	Iron	Steel		Iron	Steel
1916	87	106	1923	73	74
1917	87	130	1924	49	54
1918	89	140	1925	48	63
1919	68	77	1926	63	64
1920	81	92	1927	59	76
1921	50	56	1928	86	103
1922	32	40	1929	91	115

TABLE 7 PRODUCTION OF PIG IRON BY MONTHS AND BY PROVINCES, AND STEEL
INGOTS AND CASTINGS BY MONTHS IN CANADA (In 1000's of
Long Tons) 1929-1930.

MONTH	PIG IRON				STEEL			
	Nova Scotia		Ontario		Total Canada		Total Canada	
	1929	1930	1929	1930	1929	1930	1929	1930
January	21	23	67	64	88	87	116	115
February	41	19	53	52	94	71	117	107
March	32	22	54	53	86	75	137	117
April	24	21	55	51	79	72	122	103
May	24	19	57	62	81	81	126	92
June	25		65		90		120	
July	23		77		100		130	
August	31		82		113		120	
September	31		68		99		99	
October	24		67		91		116	
November	22		65		87		94	
December	22		61		83		82	
TOTAL	320	104	771	282	1,091	386	1,379	534
MONTHLY AVERAGE	27	21	64	56	91	77	115	107

Table 8. BLAST FURNACES IN CANADA, 1929.

Name of Company	Location	Number of Stacks	Total Daily Capacity (Long Tons)
British Empire Steel Corporation, Ltd.	Sydney, N.S.	4	1,400
Canadian Furnace Co., Ltd.	Port Colborne, Ont.	1	350
The Steel Company of Canada, Ltd.,	Hamilton, Ont.	2	825
Algoma Steel Corporation, Ltd.	Sault Ste. Marie, Ont.	4	1,600
TOTAL		11	4,175

Table 9. DESCRIPTION OF FURNACES AT END OF MAY 1930

Condition of Furnace	Number of Furnaces	Total Daily Capacity	
		Long tons	Per cent
In blast.....	6	2,425	58
Banked	-	-	-
Blown out.....	5	1,750	42
Total furnaces reporting.....	11	4,175	100

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