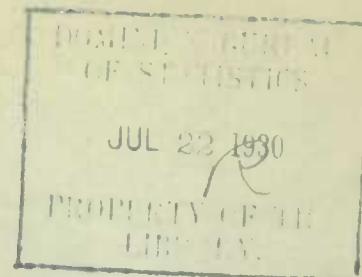


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS



Vol. 10
Historical File Copy

No. 6

Monthly Report
on
PRODUCTION OF IRON AND STEEL
in Canada

JUNE 1930

Published by Authority of the HON. JAMES MALCOLM, M. P.,
Minister of Trade and Commerce.

OTTAWA
1930

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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PRODUCTION OF IRON AND STEEL IN CANADA

JUNE 1930

PIG IRON.- Production of pig iron in Canada during June amounted to 66,081 long tons, a decline of 18 per cent from the 80,505 tons in the previous month and 27 per cent less than the 89,873 tons produced in June of a year ago. The decline from the May figures was due to the lowered output of the basic and malleable grades. Basic iron dropped to 45,349 tons from 56,482 tons and no malleable iron was reported for June as against 12,636 tons of this grade in May, while foundry iron rose sharply to 20,732 tons from 11,387 tons.

A comparison of the daily average production for each month of this year shows that output started at the rate of 2,809 tons per day in January, then dropped to 2,521 tons in February and was still lower in March at 2,333 tons. A recovery then set in and the daily output rose to 2,411 tons in April and reached the second highest point of the year to date in May at 2,597 tons. The June average of 2,202 tons per day was the low for any month of the year.

Blast furnace charges for the month under review included 114,063 long tons of imported iron ore, 33,444 short tons of limestone and 66,954 short tons of coke. Of the limestone 9,614 tons were mined in Canada and of the coke 63,141 tons were carbonized in Canada, 16,788 tons being from Canadian coal. For the first six months of this year furnace charges aggregated 810,036 tons of ore, 243,278 tons of limestone and 481,800 tons of coke.

Six furnaces were in blast on June 30, the same as on May 31. Active furnaces had a capacity of 2,475 long tons per day or about 59 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 Port Colborne, Ont., and 1 at Sydney, N.S.

For the six months ending June, the cumulative production of pig iron totalled 451,186 tons as compared with 518,557 tons in the first six months of 1929 and 468,013 tons in the corresponding period of 1928. This year's output included 318,563 tons of basic iron, 93,249 tons of foundry iron and 39,374 tons of malleable iron.

FERRO-ALLOYS.— Production of ferro-alloys in Canada in June at 11,059 long tons was the highest monthly output on record, being 42 per cent over the 7,766 tons reported for the previous month and 60 per cent greater than the total of 6,933 tons made in June of last year. This month's output included ferrosilicon, ferromanganese and speigeleisen. For the first six months of the current year production totalled 44,960 tons as against 40,951 tons in the corresponding period in 1929 and 26,014 tons in 1928.

STEEL INGOTS AND CASTINGS.— Production of steel ingots and direct steel castings in Canada during June amounted to 95,321 tons, a gain of 4 per cent over the 91,692 tons of the next preceding month but 20 per cent under the total of 119,505 tons made in June of a year ago. The gain in June over May was due to an increase in the output of steel ingots to 91,694 tons from 86,040 tons; steel castings dropped to 3,627 tons from 5,652 tons in May.

For the six months ending June, production totalled 628,993 tons as against 738,842 tons and 648,338 tons in the corresponding periods of 1929 and 1928 respectively. This year's output to date included 591,112 tons of steel ingots and 37,881 tons of direct steel castings. Of this total 590,542 tons of ingots and 1,158 tons of castings were for further use by the makers, the balance in each case being intended for sale.

PRICES.— The position of pig iron prices remained substantially the same as in May. Spot demand for small lots continued moderate, while forward inquiry was reported better towards the close of the month. Concessions in several descriptions of scrap were accounted for by lack of buying support. Prices listed for No. 1 and No. 2 foundry pig iron were still \$22.60 and \$22.10 at Toronto and \$24.00 and \$23.50 per gross ton at Montreal. The Bureau's index for "Iron and Its Products" declined slightly from 91.6 to 91.3 in June, largely due to reductions for black steel sheets.

UNITED STATES.— In the United States the daily rate of pig iron production in June was 97,830 tons, the lowest tonnage for any month since January and 6.2 per cent under the figure for May.

During the month twenty furnaces were blown out and only one lighted to make a net loss of nineteen active furnaces. Estimated production for the first six months of 1930 was only 1.4 per cent below the first half of 1928 but almost 16 per cent under the corresponding period of last year.

PIG IRON AND FERRO-ALLOYS IN CANADA

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

ITEM	JUNE 1930			MAY 1930		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	44,779	570	45,349	55,165	1,317	56,482
Foundry.....	180	20,552	20,732	-----	11,387	11,387
Malleable.....	-----	-----	-----	-----	12,636	12,636
TOTAL.....	44,959	21,122	66,081	55,165	25,340	80,505
Ferro-alloys	-----	11,059	11,059	-----	7,766	7,766

Table 2. CUMULATIVE PRODUCTION FOR THE SIX MONTHS ENDING JUNE
(Tons of 2240 lb.)

ITEM	1930			1929		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	315,263	3,300	318,563	400,049	1,709	401,758
Foundry.....	751	92,498	93,249	850	86,202	87,052
Malleable.....	-----	39,374	39,374	-----	29,747	29,747
TOTAL.....	316,014	135,172	451,186	400,899	117,658	518,557
Ferro-alloys	-----	44,960	44,960	-----	40,951	40,951

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

			JUNE	MAY	YEAR TO DATE
Imported Iron ore.....	Long tons		114,063	145,087	810,036
Canadian Limestone.....	Short tons		9,614	12,104	66,813
Imported Limestone.....	" "	?	23,830	29,008	176,465
Coke made in Canada:-					
From Canadian coal.....	" "		16,788	19,105	144,228
From Imported coal.....	" "		46,353	53,720	309,621
Imported coke.....	" "		3,813	9,237	27,951

* Revised

STEEL INGOTS AND CASTINGS IN CANADA

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

ITEM	JUNE 1930			MAY 1930		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	88,917	151	89,068	81,591	248	81,839
Acid	-----	-----	-----	-----	-----	-----
Electric	2,386	-----	2,386	2,696	-----	2,696
Other	240	-----	240	1,505	-----	1,505
TOTAL STEEL INGOTS	91,543	151	91,694	85,792	248	86,040
STEEL CASTINGS:						
Open Hearth-Basic	127	1,635	1,762	159	2,132	2,291
Acid	-----	-----	-----	-----	-----	-----
Bessemer	3	107	110	4	179	183
Electric	26	1,729	1,755	17	3,161	3,178
TOTAL DIRECT STEEL CASTINGS	156	3,471	3,627	180	5,472	5,652
GRAND TOTAL	91,699	3,622	95,321	85,972	5,720	91,692

Table 5 CUMULATIVE PRODUCTION for the SIX MONTHS ending JUNE

	1930			1929		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
STEEL INGOTS:						
Open Hearth-Basic	571,448	570	572,018	689,383	3,629	693,012
Acid	-----	-----	-----	-----	-----	-----
Electric	13,199	-----	13,199	5,272	-----	5,272
Other	5,895	-----	5,895	5,316	-----	5,316
TOTAL STEEL INGOTS	590,542	570	591,112	699,971	3,629	703,600
STEEL CASTINGS:						
Open Hearth-Basic	996	17,549	18,545	1,078	9,548	10,726
Acid	-----	-----	-----	24	7,254	7,278
Bessemer	26	1,178	1,204	39	1,484	1,523
Electric	136	17,996	18,132	64	15,651	15,715
TOTAL DIRECT STEEL CASTINGS	1,158	36,723	37,881	1,205	34,037	35,242
GRAND TOTAL	591,700	37,293	628,993	701,176	37,666	738,842

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	16	65	50	90	66	120	95
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	120	771	332	1,091	452	1,379	629
MONTHLY AVERAGE	27	20	64	55	91	75	115	106

Table 8. BLAST FURNACES IN CANADA, 1930.

Name of Company	Location	Number of Stacks	Total Daily Capacity (Long Tons)
British Empire Steel Corporation, Ltd.	Sydney, N.S.	4	1,450
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	4,225

Table 9. DESCRIPTION OF FURNACES AT END OF JUNE 1930

Condition of Furnace	Number of Furnaces	Total Daily Capacity	
		Long tons	Per cent
In blast.....	6	2,475	59
Banked.....	-	-	-
Blown out.....	5	1,750	41
Total furnaces reporting.....	11	4,225	100

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