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PRODUCTION OF IRON AND STEEL IN CANADAHistorical File CopyJUNE, 1934.

PIG IRON - Production of pig iron in Canada during June amounted to 37,306 tons, a daily average of 1,244 tons as compared with an average of 1,232 tons per day in May when the total for the month was 38,189 tons. In June, 1933, total output was reported at 857 tons.

Furnace charges during June of this year included 65,313 long tons of imported iron ore, 18,987 short tons of limestone and 38,221 short tons of coke. Of the limestone 7,195 tons were quarried in Canada while all of the coke was carbonized in this country including 17,943 tons from Canadian coal. For the year to date a total of 277,302 tons of ore, 86,802 tons of limestone and 160,945 tons of coke were charged to iron blast furnaces in Canada to make 157,827 tons of pig iron.

On June 16 one 450-ton furnace at Sault Ste. Marie was banked with the result that only 2 stacks were active on June 30. The active furnaces had a capacity of 1,100 tons a day or about 26 per cent of the total capacity of all the iron blast furnaces in Canada and were located at Sydney, N.S., and Hamilton, Ont.

FERRO-ALLOYS - Output of ferro-alloys in Canada at 2,571 tons showed little change from the 2,556 tons reported for May. For the first six months of this year output totalled 12,136 tons as against 6,078 tons for the first half of a year ago.

STEEL INGOTS AND CASTINGS - Production of steel ingots and direct castings in Canada fell off slightly during June to 64,013 tons. Output in May amounted to 71,437 tons and in June a year ago to 31,602 tons. The decline from May was in the ingot grade which dropped to 62,294 tons from 69,762 tons while direct castings showed some improvement to 1,719 tons from 1,675 tons.

For the first half year the total output of steel was 397,522 tons as compared with 130,464 tons and 180,488 tons during the corresponding periods of 1933 and 1932, respectively.

PRICES - Sales of iron and steel products were reported at about the same level as in the previous month, and only minor price changes were recorded. Regular supplies were forwarded to the automobile industry but requirements for other industries, and the building trades in particular, were practically negligible. Orders placed were usually for small tonnages only, although it was stated that some large orders for mining development purposes were pending.

The Dominion Bureau of Statistics index number of wholesale prices of "Iron and Its Products" on the base 1926 = 100, rose from 87.4 in May to 87.5 in June, chiefly because of an advance in the price of shovels.

Quotations for No. 1 and No. 2 foundry pig iron were unchanged, the former being quoted at \$23.00 per gross ton and the latter at \$22.50 per gross ton, delivered at Montreal. These respective grades, delivered at Toronto, were \$21.50 and \$21.00 per gross ton.

UNITED STATES -- In the United States the production of pig iron during June amounted to 64,338 tons a day and represented a loss of 2.4 per cent from the daily rate of 65,900 tons in May. During the month 29 furnaces were blown out or banked, and 1 was blown in, a net loss of 28.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production for the Current and Preceding Month (Tons of 2,240 lb.)

Item	J U N E, 1934			M A Y, 1934		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>In blast furnace:-</u>						
Basic	29,824	...	29,824	31,911	...	31,911
Foundry .....	...	3,283	3,283	49	5,376	5,425
Malleable .....	...	4,199	4,199	...	853	853
TOTAL	29,824	7,482	37,306	31,960	6,229	38,189
Ferro-alloys .....	...	2,571	2,571	...	2,556	2,556

Table 2 - Cumulative Production for the Six Months ending June (Tons of 2,240 lb.)

Item	1 9 3 4			1 9 3 3		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>In blast furnace:-</u>						
Basic	125,277	...	125,277	34,460	...	34,460
Foundry	49	17,017	17,066	...	500	500
Malleable .....	...	15,484	15,484	...	1,250	1,250
TOTAL	125,326	32,501	157,827	34,460	1,750	36,210
Ferro-alloys .....	...	12,136	12,136	...	6,078	6,078

Table 3 - Iron Blast Furnace Charges, June, May, and Year to Date.

		June 1934	May 1934	Year to Date
Imported iron ore	long ton	65,313	67,458	277,302
Canadian limestone	short ton	7,195	6,947	27,490
Imported limestone	short ton	11,792	15,482	59,312
Coke made in Canada -				
From Canadian coal	short ton	17,943	13,162	46,089
From imported coal	short ton	20,278	25,428	114,856
Imported coke	short ton	...	...	...

(b) STEEL INGOTS AND DIRECT CASTINGS

Table 4 - Production for the Current Month and Preceding Month (Tons of 2,240 lb.)

Item	J U N E, 1934			M A Y, 1934		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic	60,284	54	60,338	65,510	...	65,510
Acid .....	...	...	...	...	...	...
Electric	1,956	...	1,956	2,670	...	2,670
Other .....	...	...	...	1,582	...	1,582
Total Steel Ingots	62,240	54	62,294	69,762	...	69,762
<u>STEEL CASTINGS</u>						
Open hearth - Basic	124	480	604	91	403	494
Acid .....	...	...	...	...	...	...
Bessemer .....	...	47	47	...	30	30
Electric	375	693	1,068	14	1,137	1,151
Total Direct Steel Castings..	499	1,220	1,719	105	1,570	1,675
GRAND TOTAL	62,739	1,274	64,013	69,867	1,570	71,437

Table 5 - Cumulative Production for the Six Months ending June

Item	1 9 3 4			1 9 3 3		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic	373,953	54	374,007	113,567	30	113,597
Acid .....	...	...	...	...	...	...
Electric	13,806	...	13,806	9,191	...	9,191
Other .....	...	...	...	...	...	...
Total Steel Ingots	387,759	54	387,813	122,758	30	122,788
<u>STEEL CASTINGS</u>						
Open hearth - Basic	592	2,512	3,104	57	2,264	2,321
Acid .....	...	...	...	...	...	...
Bessemer .....	...	222	222	7	118	125
Electric	522	5,861	6,383	169	5,061	5,230
Total Direct Steel Castings .	1,114	8,595	9,709	233	7,443	7,676
GRAND TOTAL	388,873	8,649	397,522	122,991	7,473	130,464

Table 6 - Average Monthly Production of Pig Iron, Steel Ingots and Castings in Canada, 1916 - 1932. (In 1000's of long tons)

	Monthly Average			Monthly Average	
	Iron	Steel		Iron	Steel
1916	87	106	1925	48	63
1917	87	130	1926	63	64
1918	89	140	1927	59	76
1919	68	77	1928	86	103
1920	81	92	1929	91	115
1921	50	56	1930	62	84
1922	32	40	1931	36	56
1923	73	74	1932	12	29
1924	49	54			

Table 7 - Production of Pig Iron by Months and by Provinces, and Steel Ingots and Castings, by Months, in Canada, 1933 and 1934. (In 1000's of long tons)

Months	P I G		I R O N		TOTAL CANADA		S T E E L	
	NOVA SCOTIA		ONTARIO		TOTAL CANADA		TOTAL CANADA	
	1933	1934	1933	1934	1933	1934	1933	1934
January	16	12	13	19	29	31	41	61
February	6	..	..	12	6	12	12	58
March .....	..	..	..	12	..	12	11	73
April .....	..	..	..	27	..	27	12	70
May .....	..	9	..	29	..	38	23	71
June	1	15	..	22	1	37	32	64
July	16		16		32		49	
August	16		19		35		49	
September	16		15		31		38	
October	17		10		27		48	
November	16		14		30		43	
December	15		23		38		50	
TOTAL	119	36	110	121	229	157	408	397
Monthly Average	10	6	9	20	19	26	34	66

Table 8 - Iron Blast Furnaces in Canada, 1933.

Name of Company	Location	Number of Stacks	Total Daily Capacity (Long tons)
British Empire Steel Corp. 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 Corp. Ltd.	Sault Ste. Marie, Ont.	4	1,600

Table 9 - Description of Furnaces at end of June, 1934.

Condition of furnace	Number of furnaces	Total Daily Capacity Long tons	Per cent
In blast	2	1,100	26
Banked	1	450	11
Blown out	8	2,675	63
Total Furnaces Reporting	11	4,225	100

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

