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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

VOL. 6

No. 9

Historical File Copy

**Monthly Report**  
**of the**  
**PRODUCTION OF IRON AND STEEL**  
**IN CANADA**

**SEPTEMBER, 1926**

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

OTTAWA  
1926

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## PRODUCTION OF IRON AND STEEL IN CANADA

September 1926

PIG IRON AND FERRO ALLOYS - Production of pig iron in Canada at 64,187 long tons in September was almost double the 34,609 tons in September of a year ago. This month's output showed a 9 per cent increase over the 58,780 tons of August, which in turn was 13 per cent under the 67,232 tons reported for July.

For the nine months ending September the cumulative production of pig iron totalled 561,063 tons as compared with 372,960 tons in the corresponding period of last year. The increase was general in all grades, basic iron advancing 32 per cent to 371,803 tons, foundry iron 129 per cent to 149,252 tons and malleable iron 63 per cent to 40,008 tons. In 1925, the first nine months' output included 283,430 tons of basic iron, 65,039 tons of foundry iron and 24,491 tons of malleable iron.

Furnace charges in September included 112,735 long tons of imported iron ore, 72,568 short tons of coke and 34,421 short tons of limestone. For the nine months' period the furnace charges totalled 999,028 long tons of imported iron ore, 625,081 short tons of coke and 304,552 short tons of limestone.

During the month 1 additional furnace was blown in at Sydney, N.S., resulting in 6 furnaces being in blast at the end of September. Of the active furnaces 2 were located at each of the following points: Sydney, N.S.; Hamilton, Ont.; and Sault Ste. Marie, Ont. Active furnaces had a capacity of 2,325 long tons per day or about 46 per cent of the total capacity of all blast furnaces in Canada.

In September the production of ferro-alloys amounted to 3,083 tons, a slight increase over the 3,058 tons of August. This production consisted mostly of the grade having a high manganese content. A small quantity of ferrosilicon was also produced. For the nine months ferro-alloys totalled 26,923 tons, an increase of 45 per cent over the 18,566 tons made during the first three quarters of 1925.

## STEEL INGOTS AND CASTINGS

Production of steel ingots and castings in Canada rose to 58,837 long tons in September, marking an increase of 29 per cent over the 45,674 tons of the previous month. While the production of direct steel castings fell off to 1,673 tons from 2,128 tons in August, the loss was more than offset by the greater output of steel ingots, this grade advancing to 57,164 tons from 43,546 tons. In September 1925, the producing companies reported an output of 35,833 tons of ingots and 1,261 tons of castings.

For the first nine months of this year the cumulative production totalled 600,542 tons or slightly more than the 581,711 tons made during the corresponding period of a year ago. This year's output included 573,709 tons of ingots and 26,833 tons of castings. During the first three-quarters of 1925, production included 588,483 tons of ingots and 23,228 tons of castings.

Pig iron prices were unchanged in September, No. 1 foundry at Toronto still being quoted at \$24.80 and No. 2 foundry at \$24.30 per ton. At Montreal, No. 1 foundry was still quoted at \$27.20 and No. 2 foundry at \$26.70. Basic pig iron at mill was again \$21. The Bureau's index number for iron and its products (1913 prices = 100) rose from 144.2 to 144.8 chiefly because of advances in scrap iron and steel sheets.

In the United States the production of pig iron was the largest September output since 1918, when the rate was 113,942 tons per day. In September of this year the average daily output was 104,543 tons or 1,302 tons more than the rate in August. There was a net gain of 3 furnaces during September, 11 having been blown in and 8 shut down. In August there was a net loss of 3 furnaces.

PIG IRON AND FERRO-ALLOYS IN CANADA

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

ITEM	SEPTEMBER 1926			AUGUST 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	42,187	2,015	44,202	29,438	444	29,882
Foundry.....	74	19,911	19,985	73	13,381	13,454
Malleable.....					15,444	15,444
TOTAL.....	42,261	21,926	64,187	29,511	29,269	58,780
Ferro-alloys.....		3,083	3,083		3,058	3,058

Table 2. CUMULATIVE PRODUCTION FOR THE NINE MONTHS ENDING SEPTEMBER  
(Tons of 2240 lb.)

ITEM	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
In blast furnace:						
Basic.....	359,436	12,367	371,803	283,086	344	283,430
Foundry.....	1,584	147,668	149,252	141	64,898	65,039
Malleable.....		40,008	40,008		24,491	24,491
TOTAL.....	361,020	200,043	561,063	283,227	89,733	372,960
Ferro-alloys.....		26,923	26,923		18,566	18,566

TABLE 3. BLAST FURNACE CHARGES - SEPTEMBER, AUGUST AND YEAR TO DATE

		SEPTEMBER	AUGUST	YEAR TO DATE
Canadian Iron ore.....	Long tons			
Imported Iron ore.....	" "	112,735	104,517	999,028
Coke.....	Short tons	72,568	63,943	625,081
Limestone.....	" "	34,421	31,573	304,552

# STEEL INGOTS AND CASTINGS IN CANADA

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

	SEPTEMBER 1926			AUGUST 1926		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
<b>STEEL INGOTS:</b>						
Open Hearth-Basic	57,046	-----	57,046	41,930	25	41,955
Acid	-----	-----	-----	-----	-----	-----
Bessemer	-----	-----	-----	-----	-----	-----
Other	118	-----	118	1,591	-----	1,591
<b>TOTAL STEEL INGOTS</b>	<b>57,164</b>	-----	<b>57,164</b>	<b>43,521</b>	<b>25</b>	<b>43,546</b>
<b>STEEL CASTINGS:</b>						
Open Hearth-Basic	196	430	626	140	844	984
Acid	-----	-----	-----	-----	-----	-----
Bessemer	8	131	139	7	140	147
Electric	2	906	908	3	994	997
<b>TOTAL DIRECT STEEL CASTINGS</b>	<b>206</b>	<b>1,467</b>	<b>1,673</b>	<b>150</b>	<b>1,978</b>	<b>2,128</b>
<b>GRAND TOTAL</b>	<b>57,370</b>	<b>1,467</b>	<b>58,837</b>	<b>43,671</b>	<b>2,003</b>	<b>45,674</b>

Table 5 CUMULATIVE PRODUCTION For the NINE MONTHS ending SEPTEMBER

	1926			1925		
	For Own Use	For Sale	TOTAL	For Own Use	For Sale	TOTAL
<b>STEEL INGOTS.</b>						
Open Hearth-Basic	560,478	25	560,503	556,545	-----	556,545
Acid	-----	-----	-----	-----	-----	-----
Bessemer	-----	-----	-----	-----	-----	-----
Other	13,206	-----	13,206	1,938	-----	1,938
<b>TOTAL STEEL INGOTS</b>	<b>573,684</b>	<b>25</b>	<b>573,709</b>	<b>558,483</b>	-----	<b>558,483</b>
<b>STEEL CASTINGS:</b>						
Open Hearth-Basic	1,493	4,840	16,333	1,138	15,459	16,597
Acid	-----	-----	-----	-----	782	782
Bessemer	58	1,149	1,207	40	1,104	1,144
Electric	25	9,268	9,293	139	4,566	4,705
<b>TOTAL DIRECT STEEL CASTINGS</b>	<b>1,576</b>	<b>25,257</b>	<b>26,833</b>	<b>1,317</b>	<b>21,911</b>	<b>23,228</b>
<b>GRAND TOTAL</b>	<b>575,260</b>	<b>25,282</b>	<b>600,542</b>	<b>559,800</b>	<b>21,911</b>	<b>581,711</b>



Table 6 AVERAGE MONTHLY PRODUCTION OF

PIG IRON, STEEL INGOTS AND CASTINGS

IN CANADA, 1913 - 1924.

(In 1000's of Long Tons)

YEAR	MONTHLY AVERAGE		YEAR	MONTHLY AVERAGE	
	Iron	Steel		Iron	Steel
1913	84	87	1919	68	77
1914	58	62	1920	81	92
1915	68	76	1921	50	56
1916	87	106	1922	32	40
1917	87	130	1923	73	74
1918	89	140	1924	49	54

TABLE 7 PRODUCTION OF PIG IRON BY MONTHS AND BY PROVINCES, AND STEEL  
INGOTS AND CASTINGS BY MONTHS IN CANADA (In 1000's  
Long Tons) 1925-26.

MONTH	PIG IRON						STEEL	
	Nova Scotia		Ontario		Total Canada		Total Canada	
	1925	1926	1925	1926	1925	1926	1925	1926
January	8	25	20	32	28	57	27	69
February	9	20	21	30	30	50	37	53
March	23	22	41	31	64	53	108	59
April	23	21	37	47	60	68	88	80
May	24	22	39	51	63	73	100	90
June	20	21	26	50	46	71	63	81
July	-	20	21	47	21	67	22	65
August	4	14	23	45	27	59	25	46
September	12	18	23	46	35	64	37	59
October	26		48		74		109	
November	29		40		69		73	
December	24		31		55		62	
TOTAL	202	183	370	379	572	562	751	602
MONTHLY AVERAGE	17	20	31	42	48	62	63	66

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Table 8. BLAST FURNACES IN CANADA, 1926

Name of Company	Location	Number of Stacks	Total Daily Capacity (Long Tons)
British Empire Steel Corporation, Ltd.	Sydney, N.S.	8	2,475
Canadian Furnace Co., Ltd.	Port Colborne, Ont.	1	325
The Steel Company of Canada, Ltd.,	Hamilton, Ont.	2	725
Algoma Steel Corporation, Ltd.	Sault Ste. Marie, Ont.	4	1,500
TOTAL		15	5,025

Table 9. DESCRIPTION OF FURNACES AT END OF SEPTEMBER

Condition of Furnace	Number of Furnaces	Total Daily Capacity	
		Long tons	Per cent
In blast.....	6	2,325	46
Banked .....	-	-	-
Blown out.....	9	2,700	54
Total furnaces reporting.....	15	5,025	100

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