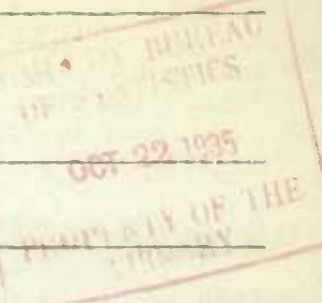


DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADADominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.PRODUCTION OF IRON AND STEEL IN CANADAHistorical File Copy.SEPTEMBER, 1935.

PIG IRON - Production of pig iron in Canada during September amounted to 54,360 tons, an average of 1,812 tons a day as against a daily average of 1,755 tons in the previous month. In September, 1934, output was reported at 43,019 tons. Compared with the figures for August, data for the month being reviewed shows 40,167 tons of basic iron against 40,830 tons, foundry iron at 8,644 tons against 3,246 tons, and malleable iron at 5,549 tons against 10,338 tons.

Furnace charges for the month included 90,766 long tons of imported iron ore, 24,191 short tons of limestone and 52,015 short tons of coke. Of the limestone, 6,573 tons were quarried in Canada and of the coke, 42,789 tons were carbonized in Canada, including 19,990 tons from Canadian coal.

For the nine months ending September the cumulative output of pig iron aggregated 419,064 tons compared with 279,090 tons and 133,870 tons made in corresponding periods of 1934 and 1933, respectively.

FERRO-ALLOYS - Production of ferro-alloys in September amounted to 4,513 tons, the comparative totals for August being 3,893 tons and for September of a year ago, 1,147 tons.

STEEL INGOTS AND CASTINGS - Output of steel ingots and direct steel castings in Canada advanced to 90,952 tons in September from 82,488 tons in the previous month and marked an increase of 58 per cent over the 57,489 tons produced in September, 1934. Basic and electric ingots, made mostly for further processing by the producers, advanced to 88,174 tons from 79,546 tons in August while direct steel castings, the bulk of which is produced for sale, fell off to 2,778 tons from 2,942 tons.

For the nine months ending September 30, 1935, the total production of primary steel in Canada totalled 647,704 tons, the corresponding figures for the first three quarters of previous years amounting to 585,162 tons in 1934 and 266,829 tons in 1933.

PRICES - A moderate expansion in demand for iron and steel products was reported and prices remained steady. Increased activity was apparent in several branches of the industry with both mills and foundries operating on higher schedules. Buying on the part of the automobile trade was fairly well maintained while the mining and agricultural implements industries furnished steady demand. The Dominion Bureau of Statistics index number of wholesale prices of "Iron and Its Products," on the base 1926 = 100, was unchanged at 87.1 in September. No change occurred in quotations for foundry pig iron. At Montreal No. 1 was quoted at \$23.00 and No. 2 at \$22.50 per gross ton. No. 1 foundry was \$21.50 and No. 2, \$21.00 per gross ton, delivered at Toronto.

UNITED STATES - In the United States the output of pig iron during September averaged 59,095 tons a day, a gain of 4 per cent over the August daily rate of 56,816 tons. Furnaces in blast on October 1st numbered 103 as against 99 on September 1st, a net gain of four.

(a) PIG IRON AND FERRO-ALLOYS

Table 1 - Production during SEPTEMBER and AUGUST, 1935. (Tons of 2,240 lb.)

Item	SEPTEMBER, 1935			AUGUST, 1935(x)		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
Pig Iron -						
Basic	37,758	2,409	40,167	30,006	10,824	40,830
Foundry .....	...	8,644	8,644	...	3,246	3,246
Malleable .....	...	5,549	5,549	...	10,338	10,338
TOTAL	37,758	16,602	54,360	30,006	24,408	54,414
Ferro-alloys .....	...	4,513	4,513	...	3,893	3,893

(x) Revised.

Table 2 - Cumulative Production for the Nine Months ending SEPTEMBER, 1935 and 1934. (Tons of 2,240 lb.)

Item	1 9 3 5			1 9 3 4		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
Pig Iron -						
Basic	319,592	13,271	332,863	212,647	8,617	221,264
Foundry .....	...	43,945	43,945	49	33,065	33,114
Malleable .....	...	42,256	42,256	...	24,712	24,712
TOTAL	319,592	99,472	419,064	212,696	66,394	279,090
Ferro-alloys .....	...	37,867	37,867	...	18,224	18,224

Table 3 - Iron Blast Furnace Charges, SEPTEMBER, AUGUST AND YEAR TO DATE, 1935.

	SEPTEMBER 1935	AUGUST 1935	YEAR TO DATE
Imported iron ore long tons	90,766	92,957	731,361
Canadian limestone short tons	6,573	6,928	65,264
Imported limestone short tons	17,618	16,930	129,309
Coke made in Canada -			
From Canadian coal short tons	19,990	19,377	166,593
From imported coal short tons	22,799	23,126	203,724
Imported coke short tons	9,226	10,132	34,916

(b) STEEL INGOTS AND DIRECT CASTINGS

Table 4 - Production for SEPTEMBER and AUGUST, 1935. (Tons of 2,240 lb.)

Item	SEPTEMBER, 1935			AUGUST, 1935		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic	84,624	158	84,782	76,245	121	76,366
Electric	3,392	...	3,392	3,180	...	3,180
Other .....	...	...	...	...	...	...
Total Steel Ingots	88,016	158	88,174	79,425	121	79,546
<u>STEEL CASTINGS</u>						
Open hearth - Basic	189	551	740	142	400	542
Bessemer .....	...	28	28	...	40	40
Electric	301	1,709	2,010	912	1,448	2,360
Total Direct Steel Castings ..	490	2,288	2,778	1,054	1,888	2,942
GRAND TOTAL	88,506	2,443	90,952	80,479	2,009	82,488

Table 5 - Cumulative Production for the Nine Months ending SEPTEMBER, 1935 and 1934.

Item	1935			1934		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic	603,032	710	603,742	552,424	108	552,532
Electric	23,027	...	23,027	17,360	...	17,360
Other .....	...	...	...	...	...	...
Total Steel Ingots	626,059	710	626,769	569,784	108	569,892
<u>STEEL CASTINGS</u>						
Open hearth - Basic	1,108	4,627	5,735	919	3,853	4,772
Bessemer .....	...	430	430	...	380	380
Electric	2,508	12,262	14,770	654	9,464	10,118
Total Direct Steel Castings ..	3,616	17,319	20,935	1,573	13,697	15,270
GRAND TOTAL	629,675	18,026	647,704	571,357	13,805	585,162

Table 6 - Average Monthly Production of Pig Iron, Steel Ingots and Castings in Canada, 1916 - 1934. (In 1000's of long tons)

Years	Monthly Average		Years	Monthly Average	
	Iron	Steel		Iron	Steel
1916	87	106	1926	63	64
1917	87	130	1927	59	76
1918	89	140	1928	86	103
1919	68	77	1929	91	115
1920	81	92	1930	62	84
1921	50	56	1931	36	56
1922	32	40	1932	12	29
1923	73	74	1933	19	34
1924	49	54	1934	34	63
1925	48	63			

Table 7 - Production of Pig Iron by Months and by Provinces, and Steel Ingots and Castings, by Months, in Canada, 1934 and 1935. (In 1000's of long tons)

Months	P I G		I R O N		T O T A L C A N A D A		S T E E L	
	NOVA SCOTIA		ONTARIO		T O T A L C A N A D A		T O T A L C A N A D A	
	1934	1935	1934	1935	1934	1935	1934	1935
January	12	17	19	27	31	44	61	60
February .....	..	16	12	21	12	37	58	56
March .....	..	17	12	28	12	45	73	58
April .....	..	16	27	27	27	43	70	69
May	9	16	29	29	38	45	71	73
June	15	15	22	30	37	45	64	73
July	15	17	22	34	37	51	67	86
August	16	17	26	37	42	54	64	82
September	17	17	26	37	43	54	57	91
October	18		29		47		58	
November	16		23		39		57	
December	17		25		42		59	
TOTAL	135	148	272	270	407	418	759	648
Monthly Average	11	16	23	30	34	46	63	72

Table 8 - Iron Blast Furnaces in Canada, 1935.

Names of Companies	Location of furnaces	Number of stacks	Total Daily Capacity (Long tons)
Dominion Steel & Coal Corp. Ltd.	Sydney, N. S.	4	1,450
Canadian Furnace Co. Ltd.	Port Colborne, Ont.	1	350
The Steel Company of Canada, Limited	Hamilton, Ont.	2	825
Algoma Steel Corporation, Ltd.	Sault Ste. Marie, Ont.	4	1,600

Table 9 - Description of Furnaces at end of SEPTEMBER, 1935.

Condition of Furnace	Number of furnaces	TOTAL DAILY CAPACITY	
		Long tons	Per cent.
In blast	4	1,900	45
Banked .....	..	..	..
Blown out	7	2,325	55
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.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010636221