

Published by Authority of the HON. R. B. HANSON, K.C., M.P.
Minister of Trade and Commerce.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

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PRODUCTION OF IRON AND STEEL IN CANADA

Historical File Copy

JULY, 1935.

PIG IRON - Production of pig iron in Canada totalled 50,513 tons in July, an average of 1,629 tons a day as against a daily output of 1,485 tons in the previous month, the increase being at the rate of 10 per cent. The output of basic iron advanced to 44,091 tons from 38,913 tons and malleable iron also improved to 5,994 tons from 2,408 tons while foundry iron fell off to 428 tons from 3,234 tons in June.

Furnace charges during the month included 85,242 long tons of imported iron ore, 22,593 short tons of limestone and 46,711 short tons of coke. Of the limestone 7,067 tons came from Canadian quarries and of the coke 42,986 tons were carbonized in Canada including 19,480 tons from Canadian coal.

For the seven months ending July the cumulative production of pig iron totalled 310,290 tons and compares with 194,586 tons and 67,899 tons reported for the corresponding periods of 1934 and 1933, respectively.

FERRO-ALLOYS - Output of ferro-alloys in Canada amounted to 7,269 tons in July to make a total for the first seven months of this year of 29,461 tons. Corresponding figures for the first seven months of 1934 were reported at 14,619 tons.

STEEL INGOTS AND CASTINGS - Production of steel ingots and direct steel castings at 86,101 tons in July compares with 73,450 tons in the previous month and represented a gain of 13 per cent in the daily rate of output. The corresponding gain in June over May was at the rate of 4 per cent.

For the seven months ending July output totalled 474,264 tons as against 464,169 tons and 179,540 tons during the corresponding periods of 1934 and 1933, respectively.

PRICES - Comparative firmness characterized the Canadian iron and steel market in July. Business was said to have been fairly well maintained but sales of merchant pig iron were reported lower. Demand for repair work and for haying and harvesting equipment showed an improvement. The mining industry furnished a fair amount of orders but buying by the automobile industry dropped to lower levels. The Dominion Bureau of Statistics index number of "Iron and Its Products" on the base 1926 = 100, moved down from 87.2 in June to 87.1 in July, due principally to easier quotations from scrap steel. Prices of foundry pig iron were the same as in the previous month. No. 1 was quoted at \$23.00 per gross ton, delivered at Montreal, and at \$21.50 per gross ton, delivered at Toronto. No. 2 was \$22.50 and \$22.00 per gross ton delivered at these respective centres.

UNITED STATES - Production of coke pig iron in the United States averaged 49,041 tons a day during July, a decrease of 5.2 per cent from the June rate of 51,750 tons. During the month eight furnaces were blown in and four blown out or banked, making an increase for the period of four active furnaces.

(a) PIG IRON AND FERRO-ALLOYS.

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

Item	J U L Y, 1935			J U N E, 1935		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>Pig Iron -</u>						
Basic	44,091	...	44,091	38,913	...	38,913
Foundry .....	...	428	428	...	3,234	3,234
Malleable .....	...	5,994	5,994	...	2,408	2,408
TOTAL	44,091	6,422	50,513	38,913	5,642	44,555
Ferro-alloys .....	...	7,269	7,269	...	3,845	3,845

Table 2 - Cumulative Production for the SEVEN MONTHS ending JULY, 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
<u>Pig Iron -</u>						
Basic	251,828	38	251,866	155,616	...	155,616
Foundry .....	...	32,055	32,055	49	20,637	20,686
Malleable .....	...	26,369	26,369	...	18,284	18,284
TOTAL	251,828	58,462	310,290	155,665	38,921	194,586
Ferro-alloys .....	...	29,461	29,461	...	14,619	14,619

Table 3 - Iron Blast Furnace Charges, JULY, JUNE, and YEAR TO DATE, 1935.

	JULY 1935	JUNE 1935	YEAR TO DATE
Imported iron ore long tons	85,242	80,591	547,638
Canadian limestone short ton	7,067	7,124	51,763
Imported limestone short ton	15,526	14,097	94,761
Coke made in Canada -			
From Canadian coal short ton	19,480	17,255	127,226
From imported coal short ton	23,506	23,646	157,799
Imported coke short ton	3,725	2,681	15,558

(b) STEEL INGOTS AND DIRECT CASTINGS

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

Item	J U L Y, 1935			J U N E, 1935		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic	80,706	20	80,726	68,777	62	68,839
Electric	3,181	...	3,181	2,185	...	2,185
Other .....	...	...	...	...	...	...
Total Steel Ingots	83,887	20	83,907	70,962	62	71,024
<u>STEEL CASTINGS</u>						
Open hearth - Basic	118	441	559	89	647	736
Bessemer .....	...	83	83	...	49	49
Electric	172	1,380	1,552	130	1,511	1,641
Total Direct Steel Castings	290	1,904	2,194	219	2,207	2,426
GRAND TOTAL	84,177	1,924	86,101	71,181	2,269	73,450

Table 5 - Cumulative Production for the SEVEN MONTHS ending JULY, 1935 and 1934.

Item	1 9 3 5			1 9 3 4		
	For own use	For sale	TOTAL	For own use	For sale	TOTAL
<u>STEEL INGOTS</u>						
Open hearth - Basic	442,163	431	442,594	438,952	54	439,006
Electric	16,455	...	16,455	13,547	...	13,547
Other .....	...	...	...	...	...	...
Total Steel Ingots	458,618	431	459,049	452,499	54	452,553
<u>STEEL CASTINGS</u>						
Open hearth - Basic	777	3,676	4,453	712	2,976	3,688
Bessemer .....	...	362	362	...	257	257
Electric	1,295	9,105	10,400	590	7,081	7,671
Total Direct Steel Castings	2,072	13,143	15,215	1,302	10,314	11,616
GRAND TOTAL	460,690	13,574	474,264	453,801	10,368	464,169

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			



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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		26		42		64	
September	17		26		43		57	
October	18		29		47		58	
November	16		23		39		57	
December	17		25		42		59	
TOTAL	135	114	272	196	407	310	759	475
Monthly Average	11	16	23	28	34	44	63	68

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, Ltd.	Hamilton, Ont.	2	825
Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ont.	4	1,600

Table 9 - Description of Furnaces at end of JULY, 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.