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Monthly Report

on

PRIMARY IRON AND STEEL IN CANADA

JULY, 1947

Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 167,498 net tons in July, 1947, compared with 188,655 net tons in June, 1947. The July, 1947 total included 14,659 tons of semi-finished shapes; 7,049 tons of structurals; 14,174 tons of plates; 14,357 tons of rails; 34,915 tons of hot rolled bars; 10,733 tons of pipes and tubes; 16,856 tons of wire rods; 18,072 tons of black sheets; 7,264 tons of galvanized sheets; 394 tons of tool steel; 5,580 tons of castings, and 23,445 tons of other shapes. The amount of producers' interchange was 57,258 tons in July and 70,478 tons in June.

Of the amount shipped for sale during July, 30,539 tons went direct to railways and railway car shops; 8,123 tons to pressing, forming and stamping plants; 18,808 tons to merchant trade products; 19,431 tons to building construction; 14,252 tons to the containers industry; 4,578 tons to agricultural equipment; 9,644 tons to the automotive industry; 11,264 tons to machinery plants; 3,101 tons to shipbuilding; 5,112 tons to mining, lumber, etc., and 3,297 tons to miscellaneous industries. Wholesalers and warehousing accounted for 22,259 tons and exports for 17,090 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing totalled 57,258 tons in July.

Table 1 - Production of Pig Iron in Canada, July, and Year to Date, 1947

	July	Year to Date
	(Tons of 2,000 pounds)	
Basic	151,883	902,348
Foundry	20,338	151,553
Malleable	4,932	76,405
TOTAL	157,153	1,130,306

Table 2 - Production of Steel Ingots and Castings in Canada, July, and Year to Date, 1947

	July		Year to Date	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Steel Ingots - Open hearth	189,485	6,272	1,381,903	41,404
Electric	23,999	6,687	212,255	32,313
Total Ingots	213,484	12,959	1,594,158	73,717
Steel Castings	4,450	1,442	37,283	9,540
TOTAL INGOTS AND CASTINGS	217,934	14,401	1,631,441	83,257

Table 3 - Production in Canada and Producers' Shipments of Primary Iron and Steel Shapes, July, 1947

	Production (Including producers' interchange)	Shipments For Producers' sale interchange	
	(Tons of 2,000 pounds)		
<u>Carbon Steel</u>			
Billets, etc., for forging	6,716	4,176	2,310
Other semi-finished shapes, not for re-rolling by makers	39,084	9,867	28,831
Structural shapes and piling	8,810	7,049	...
Plates	14,759	14,174	...
Rails	15,141	14,357	...
Tie plates and track material -			
Splice bars	932	1,037	...
Tie plates	3,108	2,612	...
Spikes	955	1,002	...
Tool steel	33	153	...
Concrete reinforcing bars	9,329	6,828	...
Hot rolled bars for cold finishing	659	...	665
Other hot rolled bars	28,941	22,361	5,298
Pipes and tubes	10,343	10,733	...
Wire rods	21,554	16,844	5,249
Hot rolled black sheets	20,537	16,332	6,298
Cold reduced black sheets	1,740	1,740	...
Galvanized sheets	7,186	7,264	...
Steel castings - Made by ingot makers	1,506	1,380	...
Made in other foundries	2,944	2,750	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	25,767	18,626	8,155
Total - Carbon Steel	220,044	159,285	56,806
<u>Alloy Steel</u>			
Billets, etc., for forging	495	616	...
Other semi-finished shapes, not for re-rolling by makers	452	...	452
Structural shapes and piling .....	...	...	...
Plates .....	...	...	...
Rails .....	...	...	...
Tie plates and track material -			
Splice bars .....	...	...	...
Tie plates .....	...	...	...
Spikes .....	...	...	...
Tool steel	180	241	...
Concrete reinforcing bars .....	...	...	...
Hot rolled bars for cold finishing .....	...	...	...
Other hot rolled bars	6,039	5,726	...
Pipes and tubes .....	...	...	...
Wire rods	12	12	...
Hot rolled black sheets .....	...	...	...
Cold reduced black sheets .....	...	...	...
Galvanized sheets .....	...	...	...
Steel castings - Made by ingot makers	47	21	...
Made in other foundries	1,395	1,429	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	180	168	...
Total - Alloy Steel	8,800	8,213	452

Note: Figures shown under "Producers' Interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 4 - PRODUCTION IN CANADA AND PRODUCERS' SHIPMENTS OF PRIMARY IRON AND STEEL SHAPES, SEVEN MONTHS ENDED JULY, 1947

	Production (Including producers' interchange)	Shipments For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon Steel</u>			
Billets, etc., for forging	51,653	51,690	19,785
Other semi-finished shapes, not for re-rolling by makers	252,183	67,635	199,678
Structural shapes and piling	93,186	90,809	25
Plates	116,922	116,085	32
Rails	133,743	132,978	...
Tie plates and track material -			
Splice bars	8,230	8,139	2
Tie plates	28,657	27,867	...
Spikes	9,202	9,694	...
Tool steel	1,171	1,405	...
Concrete reinforcing bars	47,190	44,011	...
Hot rolled bars for cold finishing	5,846	...	5,891
Other hot rolled bars	286,935	240,819	49,065
Pipes and tubes	78,420	85,189	42
Wire rods	162,071	120,368	43,799
Hot rolled black sheets	149,523	99,682	46,759
Cold reduced black sheets	19,882	19,882	...
Galvanized sheets	52,563	51,155	170
Steel castings - Made by ingot makers	11,455	11,220	...
Made in other foundries	25,828	24,964	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	250,337	152,915	97,066
Total - Carbon Steel	1,784,997	1,336,507	462,314
<u>Alloy Steel</u>			
Billets, etc., for forging	4,469	3,956	165
Other semi-finished shapes, not for re-rolling by makers	2,142	373	1,775
Structural shapes and piling .....	...	...	...
Plates	43	1	...
Rails .....	...	...	...
Tie plates and track material -			
Splice bars .....	...	...	...
Tie plates .....	...	...	...
Spikes .....	...	...	...
Tool steel	2,132	1,975	...
Concrete reinforcing bars .....	...	...	...
Hot rolled bars for cold finishing ,.....	...	...	...
Other cold rolled bars	45,519	45,362	...
Pipes and tubes .....	...	...	...
Wire rods	121	114	...
Hot rolled black sheets .....	...	...	...
Cold reduced black sheets .....	...	...	...
Galvanized sheets .....	...	...	...
Steel castings - Made by ingot makers	333	327	...
Made in other foundries	9,207	8,668	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	1,088	996	...
Total - Alloy Steel	65,054	61,772	1,940



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Table 5 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, July and Year to Date, 1947

Industry	July		Year to Date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	5,732	3,912	46,731	29,212
Agricultural, including farm machinery	4,549	29	61,563	582
Building construction	19,151	280	166,431	672
Containers industry	14,249	3	107,579	29
Machinery and tools	10,824	440	94,487	4,025
Merchant trade products	18,629	179	146,993	1,300
Mining, lumbering, etc.	4,418	694	44,594	3,755
National defence	81	7	385	12
Pressing, forming and stamping	8,100	23	76,253	486
Public works and utilities	1,788	43	7,629	312
Railway operating	17,726	258	198,845	1,618
Railway cars and locomotives	12,525	30	76,205	698
Shipbuilding	2,978	123	27,278	264
Miscellaneous and unclassified	1,249	129	6,562	683
Wholesalers and warehouses	22,156	103	190,495	1,763
Direct export (a) to British Empire	10,203	70	67,834	909
(b) to Other Countries	4,927	1,890	16,643	15,452
Total Shipped for Sale	159,285	8,213	1,336,507	61,772
Producers' interchange	56,806	452	462,314	1,940

NOTE: Because there is at present an unavoidable delay in compiling the statistics of imports into Canada, it has been decided to issue this monthly report in two sections for a few months. The first section on "Production and Shipments" will be released as soon as possible after the end of each month and the second section on "Imports" will follow about three weeks later as a separate report. This is a temporary arrangement and the two sections will be combined again when the situation with regards to imports has been cleared up.