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H. McLeodMonthly ReportonPRIMARY IRON AND STEEL IN CANADAJUNE, 1947

Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 188,655 net tons in June, 1947, compared with 202,681 net tons in May, 1947. The June, 1947, total included 5,495 tons of semi-finished shapes; 15,533 tons of structurals; 14,797 tons of plates; 16,004 tons of rails; 45,424 tons of hot rolled bars; 10,876 tons of pipes and tubes; 17,535 tons of wire rods; 19,942 tons of black sheets; 7,481 tons of galvanized sheets; 513 tons of tool steel; 7,491 tons of castings, and 27,564 tons of other shapes. The amount of producers' interchange was 70,478 tons in June and 74,813 tons in May.

Of the amount shipped for sale during June, 42,050 tons went direct to railways and railway car shops; 10,885 tons to pressing, forming and stamping plants; 18,482 tons to merchant trade products; 24,201 tons to building construction; 17,980 tons to the containers industry; 8,049 tons to agricultural equipment; 10,255 tons to the automotive industry; 12,864 tons to machinery plants; 3,554 tons to shipbuilding; 6,706 tons to mining, lumber, etc., and 2,058 tons to miscellaneous industries. Wholesalers and warehousing accounted for 27,129 tons and exports for 4,442 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing totalled 70,478 tons in June.

Table 1 - PRODUCTION OF PIG IRON IN CANADA, JUNE, AND YEAR TO DATE, 1947

	June	Year to Date
	(Tons of 2,000 pounds)	
Basic	129,861	770,465
Foundry	21,996	131,215
Malleable	7,969	71,473
TOTAL	159,826	973,153

Table 2 - PRODUCTION OF STEEL INGOTS AND CASTINGS IN CANADA, JUNE, AND YEAR TO DATE, 1947

	June		Year to Date	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Steel Ingots - Open hearth	189,025	6,815	1,192,418	35,132
Electric	29,978	4,763	188,256	25,626
Total Ingots	219,003	11,578	1,380,674	60,758
Steel Castings	6,141	1,460	52,833	8,098
TOTAL INGOTS AND CASTINGS	225,144	13,038	1,413,507	68,856

Table 3 - PRODUCTION IN CANADA AND PRODUCERS' SHIPMENTS OF PRIMARY IRON AND STEEL SHAPES, JUNE, 1947

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>CARBON STEEL</u>			
Billets, etc., for forging	7,043	4,400	2,688
Other semi-finished shapes, not for re-rolling by makers	31,548	526	33,139
Structural shapes and piling	13,255	15,533	...
Plates	15,539	14,797	...
Rails	17,341	16,004	...
Tie plates and track material -			
Splice bars	1,200	1,050	2
Tie plates	2,603	2,966	...
Spikes	1,027	1,064	...
Tool steel	398	274	...
Concrete reinforcing bars	6,179	6,411	...
Hot rolled bars for cold finishing	178	...	187
Other hot rolled bars	36,622	32,433	5,581
Pipes and tubes	9,719	10,876	...
Wire rods	22,275	17,514	4,859
Hot rolled black sheets	22,664	16,861	6,488
Cold reduced black sheets	3,081	3,081	...
Galvanized sheets	7,644	7,481	...
Steel castings - Made by ingot makers	2,127	2,168	...
Made in other foundries	4,014	3,924	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	39,660	22,346	16,951
Total - Carbon Steel	244,117	179,709	69,895
<u>ALLOY STEEL</u>			
Billets, etc., for forging	682	569	...
Other semi-finished shapes, not for re-rolling by makers	583	...	583
Structural shapes and piling .....	...	...	...
Plates .....	...	...	...
Rails .....	...	...	...
Tie plates and track material -			
Splice bars .....	...	...	...
Tie plates .....	...	...	...
Spikes .....	...	...	...
Tool steel	388	239	...
Concrete reinforcing bars .....	...	...	...
Hot rolled bars for cold finishing .....	...	...	...
Other hot rolled bars	6,465	6,580	...
Pipes and tubes .....	...	...	...
Wire rods	25	21	...
Hot rolled black sheets .....	...	...	...
Cold reduced black sheets .....	...	...	...
Galvanized sheets .....	...	...	...
Steel castings - Made by ingot makers	38	76	...
Made in other foundries	1,422	1,323	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	149	138	...
Total - Alloy Steel	9,752	8,946	583

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, SIX MONTHS ENDED JUNE, 1947

	Production (Including producers' interchange)	Shipments For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>CARBON STEEL</u>			
Billets, etc., for forging	44,937	27,514	17,475
Other semi-finished shapes, not for re-rolling by makers	213,099	57,768	170,847
Structural shapes and piling	84,376	83,760	25
Plates	102,163	101,911	32
Rails	118,602	118,621	...
Tie plates and track material -			
Splice bars	7,298	7,102	2
Tie plates	25,549	25,255	...
Spikes	8,247	8,692	...
Tool steel	1,138	1,252	...
Concrete reinforcing bars	37,861	37,183	...
Hot rolled bars for cold finishing	5,187	...	5,226
Other hot rolled bars	257,994	218,458	43,767
Pipes and tubes	68,077	74,456	42
Wire rods	140,517	103,524	38,550
Hot rolled black sheets	128,986	83,350	40,461
Cold reduced black sheets	18,142	18,142	...
Galvanized sheets	45,377	43,891	170
Steel castings - Made by ingot makers	9,949	9,840	...
Made in other foundries	22,884	22,214	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	224,570	134,289	88,911
Total - Carbon Steel	1,564,953	1,177,222	405,508
<u>ALLOY STEEL</u>			
Billets, etc., for forging	3,974	3,340	165
Other semi-finished shapes, not for re-rolling by makers	1,690	373	1,323
Structural shapes and piling .....	...	...	...
Plates	43	1	...
Rails .....	...	...	...
Tie plates and track material -			
Splice bars .....	...	...	...
Tie plates .....	...	...	...
Spikes .....	...	...	...
Tool steel	1,952	1,734	...
Concrete reinforcing bars .....	...	...	...
Hot rolled bars for cold finishing .....	...	...	...
Other cold rolled bars	39,480	39,636	...
Pipes and tubes .....	...	...	...
Wire rods	109	102	...
Hot rolled black sheets .....	...	...	...
Cold reduced black sheets .....	...	...	...
Galvanized sheets .....	...	...	...
Steel castings - Made by ingot makers	286	306	...
Made in other foundries	7,812	7,239	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	908	828	...
Total - Alloy Steel	56,254	53,559	1,488



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Table 5 - PRODUCERS' SHIPMENTS OF PRIMARY IRON AND STEEL SHAPES, SUBDIVIDED ACCORDING TO PRINCIPAL CONSUMING INDUSTRIES, JUNE AND YEAR TO DATE, 1947

Industry	June		Year to Date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	6,557	3,698	40,999	25,300
Agricultural, including farm machinery	7,988	61	57,014	553
Building construction	24,162	39	147,280	392
Containers industry	17,977	3	93,330	26
Machinery and tools	12,254	610	83,663	3,585
Merchant trade products	18,408	74	128,364	1,121
Mining, lumbering, etc.	6,113	593	40,176	3,061
National defence	94	...	304	5
Pressing, forming and stamping	10,818	67	68,153	463
Public works and utilities	975	48	5,841	269
Railway operating	26,305	230	181,119	1,360
Railway cars and locomotives	15,245	270	63,680	668
Shipbuilding	3,536	18	24,300	141
Miscellaneous and unclassified	828	113	5,313	554
Wholesalers and warehouses	27,003	126	168,339	1,660
Direct export (a) to British Empire ..	706	121	57,631	839
(b) to Other countries..	740	2,875	11,716	13,562
Total Shipped for Sale	179,709	8,946	1,177,222	53,559
Producers' interchange	69,895	583	405,508	1,488

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.
