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Monthly Report

on

PRIMARY IRON AND STEEL IN CANADA

MARCH, 1947

Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 216,393 net tons in March, 1947 compared with 203,924 net tons in February, 1947. The March, 1947 total included 20,767 tons of semi-finished shapes; 13,126 tons of structurals; 17,329 tons of plates; 19,945 tons of rails; 49,850 tons of hot rolled bars; 13,738 tons of pipes and tubes; 18,698 tons of wire rods; 16,272 tons of black sheets; 8,629 tons of galvanized sheets; 538 tons of tool steel; 5,971 tons of castings, and 31,530 tons of other shapes. The amount of producers' interchange was 68,045 tons in March and 62,135 tons in February.

Of the amount shipped for sale during March, 41,883 tons went direct to railways and railway car shops; 11,349 tons to pressing, forming and stamping plants; 22,420 tons to merchant trade products; 23,483 tons to building construction; 17,792 tons to the containers industry; 9,365 tons to agricultural equipment; 13,459 tons to the automotive industry; 13,074 tons to machinery plants; 3,895 tons to shipbuilding; 8,466 tons to mining, lumber, etc., 1,861 tons to miscellaneous industries. Wholesalers and warehousing accounted for 32,055 tons and exports for 17,291 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing totalled 68,045 tons in March.

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

	March	Year to Date
	(Tons of 2,000 pounds)	
Basic	136,983	388,409
Foundry	14,627	65,877
Malleable	12,793	38,062
Total	164,403	492,348

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

	March		Year to Date	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Steel ingots - Open hearth	221,544	4,677	609,644	15,296
Electric	32,753	4,219	93,030	11,905
Total Ingots	254,297	8,896	702,674	27,201
Steel castings	5,226	1,211	14,590	3,983
Total Ingots and Castings	259,523	10,107	717,264	31,184

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

	PRODUCTION (including producers' interchange)	SHIPMENTS For sale	SHIPMENTS Producers' interchange
	(Tons of 2,000 pounds)		
CARBON STEEL			
Billets, etc., for forging	7,764	4,665	3,119
Other semi-finished shapes, not for re-rolling by makers	47,333	15,280	29,243
Structural shapes and piling	13,643	13,126	...
Plates	18,153	17,329	10
Rails	22,014	19,945	...
Tie plates and track material -			
Splice bars	1,917	1,862	...
Tie plates	4,759	4,247	...
Spikes	1,484	2,032	...
Tool steel	107	212	...
Concrete reinforcing bars	6,951	7,051	...
Hot rolled bars for cold finishing	968	...	804
Other hot rolled bars	41,509	35,782	6,794
Pipes and tubes	9,929	13,738	32
Wire rods	23,620	18,683	6,302
Hot rolled black sheets	19,916	13,013	7,400
Cold reduced black sheets	3,259	3,259	...
Galvanized sheets	8,221	8,629	58
Steel castings - Made by ingot makers	1,566	1,307	...
Made in other foundries	3,660	3,475	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	36,758	23,238	14,283
TOTAL - CARBON STEEL	273,531	206,873	68,045
ALLOY STEEL			
Billets, etc., for forging	528	469	...
Other semi-finished shapes, not for re-rolling by makers	353	353	...
Structural shapes and piling	...	...	...
Plates	42	...	...
Rails	...	...	...
Tie plates and track material -			
Splice bars	...	...	...
Tie plates	...	...	...
Spikes	...	...	...
Tool steel	183	326	...
Concrete reinforcing bars	...	...	...
Hot rolled bars for cold finishing	...	...	...
Other hot rolled bars	6,561	7,017	...
Pipes and tubes	...	...	...
Wire rods	15	15	...
Hot rolled black sheets	...	...	...
Cold reduced black sheets	...	...	...
Galvanized sheets	...	...	...
Steel castings - Made by ingot makers	36	46	...
Made in other foundries	1,175	1,143	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	121	151	...
TOTAL - ALLOY STEEL	9,014	9,520	...

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, Three Months Ended March, 1947

	PRODUCTION (including producers' interchange)	SHIPMENTS For sale	SHIPMENTS Producers' interchange
	(Tons of 2,000 pounds)		
CARBON STEEL			
Billets, etc., for forging	21,925	13,893	7,833
Other semi-finished shapes, not for re-rolling by makers	112,635	54,744	74,164
Structural shapes and piling	42,916	41,328	25
Plates	51,653	50,444	32
Rails	59,746	57,061	...
Tie plates and track material -			
Splice bars	3,305	3,247	...
Tie plates	15,889	14,762	...
Spikes	3,876	4,371	...
Tool steel	532	638	...
Concrete reinforcing bars	19,877	19,062	...
Hot rolled bars for cold finishing	3,029	...	2,906
Other hot rolled bars	134,064	109,857	24,287
Pipes and tubes	32,800	38,685	40
Wire rods	69,779	54,669	15,497
Hot rolled black sheets	59,241	38,106	20,805
Cold reduced black sheets	7,931	7,931	...
Galvanized sheets	22,960	21,570	118
Steel castings - Made by ingot makers	4,169	3,827	...
Made in other foundries	10,421	10,203	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	105,573	64,025	40,100
TOTAL - CARBON STEEL	782,321	608,423	185,807
ALLOY STEEL			
Billets, etc., for forging	1,774	1,602	48
Other semi-finished shapes, not for re-rolling by makers	743	373	376
Structural shapes and piling	...	...	...
Plates	42	...	...
Rails	...	...	...
Tie plates and track material -			
Splice bars	...	...	...
Tie plates	...	...	...
Spikes	...	...	...
Tool steel	1,098	963	...
Concrete reinforcing bars	...	...	...
Hot rolled bars for cold finishing	...	...	...
Other cold rolled bars	17,032	16,928	...
Pipes and tubes	...	...	...
Wire rods	50	47	...
Hot rolled black sheets	...	...	...
Cold reduced black sheets	...	...	...
Galvanized sheets	...	...	...
Steel castings - Made by ingot makers	157	131	...
Made in other foundries	3,826	3,632	...
All other shapes, including tin plate, tin mill black plate, cold finishes bars and strips, etc.	569	480	...
TOTAL - ALLOY STEEL	25,291	24,156	424

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

Industry	March		Year to Date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	8,312	5,147	21,544	12,277
Agricultural, including farm machinery	9,325	40	28,638	348
Building construction	23,426	57	75,650	139
Containers industry	17,790	2	48,474	12
Machinery and tools	12,497	577	39,058	1,897
Merchant trade products	22,026	394	67,506	551
Mining, lumbering, etc.	7,967	499	19,858	1,497
National defence	52	1	163	4
Pressing, forming and stamping	11,243	106	32,484	235
Public works and utilities	823	42	2,713	128
Railway operating	33,959	142	86,139	629
Railway cars and locomotives	7,684	98	16,911	167
Shipbuilding	3,871	24	12,117	71
Miscellaneous and unclassified	850	93	2,909	256
Wholesalers and warehouses	31,438	617	89,937	1,138
Direct export (a) to British Empire	15,096	68	54,381	467
(b) to Other countries	514	1,613	9,941	4,340
TOTAL SHIPPED FOR SALE	206,873	9,520	608,423	24,156
Producers' interchange	68,045	...	185,807	424

Table 6 - Imports of Primary Forms of Iron and Steel, March, and Year to Date, 1947

Commodity	Country of Origin	March			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig Iron -							
Foundry	U.S.A.	579	...	...	982	...	...
Malleable	U.S.A.	...	...	...	56	...	...
Silvery	U.S.A.	...	...	...	51	...	...
Ingots	U.S.A.	202	...	...	347	...	...
Blooms, billets, slabs and sheet bars	U.S.A.	...	7	...	6	151	...
Tube rounds and tube billets (O.H.)	U.S.A.	...	...	...	345	...	...
Bars and Sections -							
Hot rolled, n.o.p.	U.S.A.	4,002	304	1.2	11,902	1,784	8.6
	England	9	...	2.7	12	...	17.4
Hot rolled -							
For agricultural implements	U.S.A.	2,810	851	...	7,778	2,853	...
Rounds over 4 7/8", squares over 4"	U.S.A.	157	16	...	398	43	.2
	England	...	...	...	...	...	.4
Angles, channels, etc.	U.S.A.	371	...	.5	1,450	...	1.7
	Belgium	...	...	...	45	...	...
Sash or casement sections	U.S.A.	110	...	...	634	...	...
Bars - Cold finished, n.o.p.	U.S.A.	1,898	28	1.9	5,071	65	9.0
	England	...	...	...	27	...	17.8
Bars - Cold finished, for agricultural implements	U.S.A.	586	5	...	2,199	10	...
Bars - Tool steel	U.S.A.	14	30	...	47	163	...
	England	70	18	...	163	76	...
Structurals	U.S.A.	9,101	...	...	31,752	...	...
Plates - 78" and under	U.S.A.	5,881	4	23.5	11,158	10	67.0
Over 78" and under 100"	U.S.A.	3,139	...	4.5	5,331	134	12.4
Over 100"	U.S.A.	674	...	4.1	1,790	...	8.2
Flanged, dished or curved	U.S.A.	116	...	...	376	...	...
Boiler, pulp digesters, etc.	U.S.A.	212	...	6.3	535	...	15.7
Chequered or surface pattern	U.S.A.	232	...	...	1,242	...	...
Painted, tar asphaltum	U.S.A.	1	...	...	21	...	...
Galvanized	U.S.A.	56	...	...	146	...	...

Table 6 - Imports of Primary Forms of Iron and Steel, March, and Year to Date, 1947 (Continued)

Commodity	Country of Origin	March			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets -							
Silicon .075 or more	U.S.A.	...	1,110	...	...	3,542	...
Galvanized	U.S.A.	411	...	...	1,422	...	...
Hot rolled -							
18 gauge and heavier	U.S.A.	4,251	11	...	11,583	26	...
Lighter than 18 gauge	U.S.A.	468	...	...	851	...	...
For hollow ware (vitreous enamel)	U.S.A.	335	...	...	1,086	...	...
Corrugated	U.S.A.	35	...	...	528	...	...
5¢ per pound and over	U.S.A.	6	...	...	15	...	...
Coated with paint, asphaltum, etc.	U.S.A.	...	...	...	56	...	...
Shaped for agricultural implements	U.S.A.	20	...	...	208	...	...
For saws	U.S.A.	71	102	...	119	332	...
For cold rolled strip	U.S.A.	27	...	...	331	...	...
For tubes	U.S.A.	87	...	...	87	...	...
Stainless	U.S.A.	...	...	11.4	...	...	55.0
	England	...	...	15.4	...	...	59.9
Cold rolled -							
18 gauge and heavier	U.S.A.	1,509	...	...	3,076	...	...
Lighter than 18 gauge	U.S.A.	2,104	...	...	5,969	...	...
	England	190	...	...	190	...	...
For hollow ware (vitreous enamel)	U.S.A.	119	...	...	178	...	...
Black plate (tin mill)	U.S.A.	1,535	...	...	4,068	...	...
Coated with paint, tar, asphaltum, etc.	U.S.A.	...	...	...	9	...	...
For saws	U.S.A.	...	4	...	...	13	...
	England	...	...	...	...	8	...
	Sweden	...	6	...	...	6	...
For heating apparatus	U.S.A.	...	...	...	8	...	...
For tubes	U.S.A.	549	...	...	1,294	...	...
Buckles, ball bearings, clock springs, motor springs, butt hinges	U.S.A.	...	...	...	6	...	...
Stainless	U.S.A.	...	...	138.2	...	...	443.7
	England	...	...	.1	...	...	.1
Black plate - For tinning	U.S.A.	8,476	...	...	21,173	...	...
Tin plate - Primes	U.S.A.	1,625	...	...	4,771	...	...
	England	13	...	...	73	...	...
Waste waste	U.S.A.	...	...	...	89	...	...
Electrolytic - Primes (25#)	U.S.A.	2,615	...	...	5,010	...	...
" (75#)	U.S.A.	...	...	...	38	...	...
Waste waste	U.S.A.	...	...	...	105	...	...
Terne plate -							
Long	U.S.A.	231	...	...	774	...	...
Short	U.S.A.	287	...	...	362	...	...
Waste waste	U.S.A.	...	...	...	21	...	...
Strip -							
Hot rolled -							
18 gauge and heavier	U.S.A.	1,194	...	...	2,735	39	...
Lighter than 18 gauge	U.S.A.	188	...	...	382	...	...
For cold rolling	U.S.A.	1,303	...	...	2,755	...	...
Painted	U.S.A.	361	...	...	1,259	...	...
For shoe and corset laces, buckles, ball bearings, etc.	U.S.A.	123	...	...	252	...	...
For saws	U.S.A.	11	46	...	47	103	...
For barrel hoops	U.S.A.	188	...	...	710	...	...
For motor vehicles	U.S.A.	701	...	...	1,988	...	...
Corrugated	Australia	1	...	...	1	...	...
For tubes	U.S.A.	1	...	...	1	...	...
For tubular products	U.S.A.	73	...	...	73	...	...
Silicon .075 or more	U.S.A.	...	137	...	...	349	...
Stainless	U.S.A.	...	...	2.4	...	...	10.5
	England	...	...	...	...	...	.3

Table 6 - Imports of Primary Forms of Iron and Steel, March, and Year to Date, 1947 (Continued)

Commodity	Country or Origin	March			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (Con.) -							
Cold rolled -							
18 gauge and heavier	U.S.A.	262	8	...	855	29	...
	England	...	...	...	4	...	...
Lighter than 18 gauge	U.S.A.	538	...	...	1,613	...	...
	England	...	...	...	12	...	...
	Sweden	10	...	...	57	...	...
For shoe, corset laces, etc.	U.S.A.	96	...	...	200	...	...
Painted	U.S.A.	80	...	...	107	...	...
For saws	Sweden	...	17	...	10	31	...
	U.S.A.	3	3	...	6	34	...
For butt hinges	U.S.A.	...	...	...	27	...	...
For tubes	U.S.A.	4	...	...	4	...	...
For tubular products	U.S.A.	342	...	...	342	...	...
Silicon .075 or more	U.S.A.	...	140	...	...	165	...
Stainless	U.S.A.	...	...	108.9	...	...	362.8
	England	...	...	.1	...	...	1.6
Galvanized strip	U.S.A.	754	...	...	1,651	...	...
Skelp - Over 14" wide	U.S.A.	(See revised breakdown			1,170	...	...
Not more than 14" in width	U.S.A.	commencing March 1947)			11,558	...	...
Over 15 3/8" in width	U.S.A.	417	...	...	417	...	...
15 3/8" and under	U.S.A.	4,970	...	...	4,970	...	...
Pipes and Tubes -							
Cast	U.S.A.	1	...	...	6	...	...
Bedstead	U.S.A.	66	...	...	155	...	...
Boiler and pulp mill digesters -							
Hot finished	U.S.A.	984	...	...	2,896	36	...
Cold drawn	U.S.A.	38	...	.3	302	3	4.2
	England	...	...	...	1	...	...
Cold drawn, seamless	U.S.A.	...	...	...	...	...	1.0
Welded	U.S.A.	28	...	...	169	...	...
Seamless, under 10½" dia. - Cold drawn	U.S.A.	(See revised			995	150	22.4
	England	breakdown			13	3	11.2
Hot finished	U.S.A.	commencing			318	...	...
Seamless, more than 10½" diameter - Hot finished	U.S.A.	March, 1947)			213	1	...
Seamless, 12" and under in diamater - Cold drawn	U.S.A.	529	70	21.3	529	70	21.3
	England	8	1	6.3	8	1	6.3
Hot finished	U.S.A.	131	...	...	131	...	...
Seamless, more than 12" in diameter - Hot finished	U.S.A.	29	...	...	29	...	...
Welded, more than 10½" diameter	U.S.A.	(See revised breakdown			166	...	...
	England	commencing March,			205	...	...
Welded, under 10½" in diameter	U.S.A.	1947)			1,127	1	1.6
Welded, 4" and under in diameter	U.S.A.	368	...	.3	368	...	.3
Welded, more than 4" in diameter	U.S.A.	109	...	...	109	...	...
	England	41	...	...	41	...	...
Tubing -							
Not over ½" diameter, welded and coated	U.S.A.	24	...	...	36	...	...
Invasion	U.S.A.	159	...	...	743	...	...
Casing	U.S.A.	125	...	...	186	...	...
Fittings and couplings	U.S.A.	116	...	.5	380	...	2.9

Table 6 - Imports of Primary Forms of Iron and Steel, March and Year to Date, 1947 (Concluded)

Commodity	Country of Origin	March			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Wire rope	U.S.A.	70	...	...	259	...	...
	England	13	...	...	101	...	...
Wire -							
For wire rope	U.S.A.	1,315	...	1.5	4,492	...	4.4
	England	35	...	...	72	...	...
For corset laces, steels, etc.	U.S.A.	13	...	...	44	...	...
	England	...	...	...	1	...	...
For spring mattress, etc.	U.S.A.	265	...	...	414	...	...
For fencing, galvanized	U.S.A.	50	...	...	132	...	...
Wire cloth and netting	U.S.A.	82	...	...	330	...	...
	England	...	...	...	38	...	...
Wire, coated	U.S.A.	225	...	...	351	...	...
Wire - All other	U.S.A.	464	...	1.1	1,485	...	8.5
	England	...	...	...	17	...	...
Wire rods	U.S.A.	128	...	...	228	...	...
Welding rods and welding wire	U.S.A.	10	14	3.8	318	47	11.4
	England	...	...	.3	...	...	.3
Castings -							
For agricultural implements	U.S.A.	228	...	...	576	...	...
For ingot moulds	U.S.A.	2,655	...	...	7,210	...	...
Malleable	U.S.A.	23	...	...	143	...	...
Non-malleable	U.S.A.	135	...	...	303	...	...
	England	13	...	...	13	...	...
Steel	U.S.A.	31	3	...	114	5	...
Rolls	U.S.A.	82	107	...	283	129	...
	England	...	...	...	1	...	...
For railway vehicles	U.S.A.	68	...	...	196	...	...
Semi-finished piston	U.S.A.	91	...	...	242	...	...
Forgings	U.S.A.	91	46	...	281	78	...
	England	...	...	...	...	33	...
Wheels -							
For railway rolling stock	U.S.A.	145	...	...	846	...	...
	England	108	...	...	235	...	...
Pressed	U.S.A.	91	...	...	132	...	...
Tires -							
For railway rolling stock	U.S.A.	468	...	...	1,117	...	...
	England	12	...	...	225	1	...
Axles -							
For railway vehicles	U.S.A.	...	...	...	5	...	...
For all other vehicles	U.S.A.	49	...	...	54	...	...
Rails -							
60 pounds and under	U.S.A.	297	...	...	320	...	...
Over 60 pounds and under 100 pounds	U.S.A.	87	...	...	447	...	...
Grooved for electric tramways	U.S.A.	...	...	...	72	...	...
Track material -							
Angle bars, tie plates, rail joints	U.S.A.	204	...	...	419	...	...
Intersections, switches, frogs	U.S.A.	2	...	...	25	...	...

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