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Monthly Report

on

PRIMARY IRON AND STEEL IN CANADA

FEBRUARY, 1947

Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 203,924 net tons in February, 1947, compared with 212,262 net tons in January, 1947. The February, 1947 total included 24,330 tons of semi-finished shapes; 12,614 tons of structurals; 14,974 tons of plates; 17,087 tons of rails; 50,929 tons of hot rolled bars; 12,541 tons of pipes and tubes; 14,860 tons of wire rods; 14,627 tons of black sheets; 6,599 tons of galvanized sheets; 504 tons of tool steel; 5,796 tons of castings, and 29,063 tons of other shapes. The amount of producers' interchange was 62,135 tons in February and 56,051 tons in January.

Of the amount shipped for sale during February, 35,878 tons went direct to railways and railway car shops; 10,199 tons to pressing, forming and stamping plants; 21,196 tons to merchant trade products; 22,946 tons to building construction; 16,006 tons to the containers industry; 11,301 tons to agricultural equipment; 11,059 tons to the automotive industry; 13,602 tons to machinery plants; 2,785 tons to shipbuilding; 5,762 tons to mining, lumber, etc., 1,992 tons to miscellaneous industries. Wholesalers and warehousing accounted for 29,517 tons and exports for 21,681 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing totalled 62,135 tons in February.

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

	February	Year to Date
	(Tons of 2,000 pounds)	
Basic	114,931	251,426
Foundry	23,817	51,250
Malleable	11,884	25,269
Total	150,632	327,945

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

	February		Year to Date	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Steel ingots - Open hearth	185,419	5,267	388,100	10,619
Electric	27,773	4,666	60,277	7,686
Total Ingots	213,192	9,933	448,377	18,305
Steel castings	4,781	1,257	9,364	2,772
Total Ingots and Castings	217,973	11,190	457,741	21,077

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

	PRODUCTION (including producers' interchange)	SHIPMENTS For sale	SHIPMENTS Producers' interchange
	(Tons of 2,000 pounds)		
CARBON STEEL			
Billets, etc., for forging	6,978	3,986	2,900
Other semi-finished shapes, not for re-rolling by makers	35,501	19,839	21,929
Structural shapes and piling	12,019	12,614	...
Plates	14,904	14,974	...
Rails	19,114	17,087	...
Tie plates and track material -			
Splice bars	268	883	...
Tie plates	6,423	5,991	...
Spikes	1,140	1,196	...
Tool steel	200	198	...
Concrete reinforcing bars	4,403	4,724	...
Hot rolled bars for cold finishing	876	...	1,036
Other hot rolled bars	47,967	40,786	9,122
Pipes and tubes	12,545	12,541	8
Wire rods	20,350	14,838	6,133
Hot rolled black sheets	18,591	12,174	6,640
Cold reduced black sheets	2,453	2,453	...
Galvanized sheets	7,442	6,599	60
Steel castings - Made by ingot makers	1,329	1,271	...
Made in other foundries	3,452	3,352	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	34,775	20,810	14,054
TOTAL - CARBON STEEL	250,730	196,316	61,882
ALLOY STEEL			
Billets, etc., for forging	485	495	48
Other semi-finished shapes, not for re-rolling by makers	208	10	205
Structural shapes and piling	...	...	...
Plates	...	...	...
Rails	...	...	...
Tie plates and track material -			
Splice bars	...	...	...
Tie plates	...	...	...
Spikes	...	...	...
Tool steel	270	306	...
Concrete reinforcing bars	...	...	...
Hot rolled bars for cold finishing	...	...	...
Other hot rolled bars	4,404	5,419	...
Pipes and tubes	...	...	...
Wire rods	12	22	...
Hot rolled black sheets	...	...	...
Cold reduced black sheets	...	...	...
Galvanized sheets	...	...	...
Steel castings - Made by ingot makers	62	34	...
Made in other foundries	1,195	1,139	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	190	183	...
TOTAL - ALLOY STEEL	6,826	7,608	253

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, Two Months Ended February, 1947

	PRODUCTION (including producers' interchange	SHIPMENTS For sale	SHIPMENTS Producers' interchange
	(Tons of 2,000 pounds)		
CARBON STEEL			
Billets, etc., for forging	14,161	9,228	4,714
Other semi-finished shapes, not for re-rolling by makers	65,302	39,464	44,921
Structural shapes and piling	29,273	28,202	25
Plates	33,500	33,115	22
Rails	37,732	37,116	...
Tie plates and track material -			
Splice bars	1,388	1,385	...
Tie plates	11,130	10,515	...
Spikes	2,392	2,339	...
Tool steel	425	426	...
Concrete reinforcing bars	12,926	12,011	...
Hot rolled bars for cold finishing	2,061	...	2,102
Other hot rolled bars	92,555	74,075	17,493
Pipes and tubes	22,871	24,947	8
Wire rods	46,159	35,986	9,195
Hot rolled black sheets	39,325	25,093	13,405
Cold reduced black sheets	4,672	4,672	...
Galvanized sheets	14,739	12,941	60
Steel castings - Made by ingot makers	2,603	2,520	...
Made in other foundries	6,761	6,728	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	68,815	40,787	25,817
TOTAL - CARBON STEEL	508,790	401,550	117,762
ALLOY STEEL			
Billets, etc., for forging	1,246	1,133	48
Other semi-finished shapes, not for re-rolling by makers	390	20	376
Structural shapes and piling	...	...	...
Plates	...	...	...
Rails	...	...	...
Tie plates and track material -			
Splice bars	...	...	...
Tie plates	...	...	...
Spikes	...	...	...
Tool steel	915	637	...
Concrete reinforcing bars	...	...	...
Hot rolled bars for cold finishing	...	...	...
Other cold rolled bars	10,471	9,911	...
Pipes and tubes	...	...	...
Wire rods	35	32	...
Hot rolled black sheets	...	...	...
Cold reduced black sheets	...	...	...
Galvanized sheets	...	...	...
Steel castings - Made by ingot makers	121	85	...
Made in other foundries	2,651	2,489	...
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	448	329	...
TOTAL - ALLOY STEEL	16,277	14,636	424

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

Industry	February		Year to Date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	7,198	3,861	13,232	7,130
Agricultural, including farm machinery	11,101	200	19,313	308
Building construction	22,906	40	52,224	82
Containers industry	16,005	1	30,684	10
Machinery and tools	12,975	627	26,561	1,320
Merchant trade products	21,101	95	45,480	157
Mining, lumbering, etc.	5,395	367	11,891	998
National defence	29	1	111	3
Pressing, forming and stamping	10,141	58	21,241	129
Public works and utilities	776	33	1,890	86
Railway operating	30,178	224	52,180	487
Railway cars and locomotives	5,434	42	9,227	69
Shipbuilding	2,762	23	8,246	47
Miscellaneous and unclassified	1,062	91	2,059	163
Wholesalers and warehouses	29,267	250	58,499	521
Direct export (a) to British Empire	19,658	227	39,285	399
(b) to Other countries	328	1,468	9,427	2,727
TOTAL SHIPPED FOR SALE	196,316	7,608	401,550	14,636
Producers' interchange	61,882	253	117,762	424

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

Commodity	Country of Origin	February			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig Iron -							
Foundry	U.S.A.	121	...	...	403	...	...
Malleable	U.S.A.	...	...	...	56	...	...
Silvery	U.S.A.	51	...	...	51	...	...
Ingots	U.S.A.	...	...	...	145	...	...
Blooms, billets, slabs and sheet bars	U.S.A.	...	8	...	6	144	...
Tube rounds and tube billets (O.H.)	U.S.A.	...	...	...	545	...	...
Bars and Sections -							
Hot rolled, n.o.p.	U.S.A.	2,781	411	2.1	7,900	1,480	7.4
	England	...	...	3.1	3	...	14.7
Hot rolled -							
For agricultural implements	U.S.A.	2,907	1,370	...	4,968	2,002	...
Rounds over 4 7/8", squares over 4"	U.S.A.	44	20	...	241	27	.2
	England	...	...	...	...	...	.4
Angles, channels, etc.	U.S.A.	624	...	.4	1,079	...	1.2
	Belgium	...	...	...	45	...	...
Sash or casement sections	U.S.A.	398	...	...	524	...	...
Bars - Cold finished, n.o.p.	U.S.A.	1,862	33	2.0	3,173	37	7.1
	England	7	...	5.2	27	...	17.8
Bars - Cold finished, for agricultural implements	U.S.A.	696	5	...	1,613	5	...
Bars - Tool steel	U.S.A.	22	54	...	33	133	...
	England	20	31	...	93	58	...
Structurals	U.S.A.	10,685	...	...	22,651	...	...
Plates - 78" and under	U.S.A.	3,492	...	21.1	5,277	6	43.5
Over 78" and under 100"	U.S.A.	1,172	...	5.3	2,192	134	7.9
Over 100"	U.S.A.	564	...	4.1	1,116	...	4.1
Flanged, dished or curved	U.S.A.	142	...	...	260	...	...
Boiler, pulp digesters, etc.	U.S.A.	101	...	...	323	...	9.4
Chequered or surface pattern	U.S.A.	662	...	...	1,010	...	...
Painted, tar asphaltum	U.S.A.	4	...	...	20	...	...
Galvanized	U.S.A.	5	...	...	90	...	...

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

Commodity	Country of Origin	February			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets -							
Silicon .075 or more	U.S.A.	...	1,261	...	...	2,432	...
Galvanized	U.S.A.	382	...	...	1,011	...	...
Hot rolled -							
18 gauge and heavier	U.S.A.	3,533	6	...	7,332	15	...
Lighter than 18 gauge	U.S.A.	118	...	...	383	...	...
For hollow ware (vitreous enamel)	U.S.A.	327	...	...	751	...	...
Corrugated	U.S.A.	394	...	...	493	...	...
5¢ per pound and over	U.S.A.	5	...	...	9	...	...
Coated with paint, asphaltum, etc.	U.S.A.	29	...	...	56	...	...
Shaped for agricultural implements	U.S.A.	100	...	...	188	...	...
For saws	U.S.A.	18	102	...	48	230	...
For cold rolled strip	U.S.A.	215	...	...	304	...	...
Stainless	U.S.A.	...	...	20.9	...	...	43.6
	England	...	...	10.2	...	...	44.5
Cold rolled -							
18 gauge and heavier	U.S.A.	709	...	...	1,567	...	...
Lighter than 18 gauge	U.S.A.	1,853	...	...	3,865	...	...
For hollow ware (vitreous enamel)	U.S.A.	...	...	...	59	...	...
Black plate (tin mill)	U.S.A.	766	...	...	2,533	...	...
Coated with paint, tar, asphaltum, etc.	U.S.A.	8	...	...	9	...	...
For saws	U.S.A.	...	8	...	...	9	...
	England	...	8	...	...	8	...
For heating apparatus	U.S.A.	...	...	...	8	...	...
For skelp	U.S.A.	426	...	...	745	...	...
Buckles, ball bearings, clock springs, motor springs, butt hinges	U.S.A.	...	...	...	6	...	...
Stainless	U.S.A.	...	...	135.7	...	...	305.5
Black plate - For tinning	U.S.A.	7,235	...	...	12,697	...	...
Tin plate - Primes	U.S.A.	949	...	...	3,146	...	...
	England	18	...	...	60	...	...
Waste waste	U.S.A.	21	...	...	89	...	...
Electrolytic - Primes (25#)	U.S.A.	1,808	...	...	2,395	...	...
" (75#)	U.S.A.	38	...	...	38	...	...
Waste waste	U.S.A.	...	...	...	105	...	...
Terne plate -							
Long	U.S.A.	171	...	...	543	...	...
Short	U.S.A.	33	...	...	75	...	...
Waste waste	U.S.A.	21	...	...	21	...	...
Strip -							
Hot rolled -							
18 gauge and heavier	U.S.A.	770	...	...	1,541	39	...
Lighter than 18 gauge	U.S.A.	32	...	...	194	...	...
For cold rolling	U.S.A.	739	...	...	1,452	...	...
Painted	U.S.A.	410	...	...	898	...	...
For shoe and corset laces, buckles, ball bearings, etc.	U.S.A.	71	...	...	129	...	...
For saws	U.S.A.	22	43	...	36	57	...
For barrel hoops	U.S.A.	358	...	...	522	...	...
For motor vehicles	U.S.A.	691	...	...	1,287	...	...
Silicon .075 or more	U.S.A.	...	106	...	...	212	...
Stainless	U.S.A.	...	...	2.9	...	...	8.1
	England	...	...	.2	...	...	.3
Cold rolled -							
18 gauge and heavier	U.S.A.	296	11	...	593	21	...
	England	...	...	...	4	...	...
Lighter than 18 gauge	U.S.A.	403	...	...	1,075	...	...
	England	...	...	...	12	...	...
	Sweden	24	...	...	47	...	...
For shoe, corset laces, etc.	U.S.A.	64	...	...	104	...	...
Painted	U.S.A.	14	...	...	27	...	...

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

Commodity	Country of Origin	February			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (Con.) -							
Cold rolled -							
For saws	Sweden	9	8	...	10	14	...
	U.S.A.	3	22	...	3	31	...
For butt hinges	U.S.A.	...	...	...	27	...	...
Silicon .075 or more	U.S.A.	...	...	...	...	25	...
Stainless	U.S.A.	...	...	94.9	...	...	253.9
	England	...	...	.3	...	...	1.5
Galvanized strip	U.S.A.	387	...	...	897	...	...
Skelp - Over 14" wide	U.S.A.	740	...	...	1,170	...	...
Not more than 14" in width	U.S.A.	5,212	...	...	11,558	...	...
Pipes and Tubes -							
Cast	U.S.A.	4	...	...	5	...	...
Bedstead	U.S.A.	27	...	...	89	...	...
Boiler and pulp mill digesters -							
Hot finished	U.S.A.	936	36	...	1,912	36	...
Cold drawn	U.S.A.	102	...	...	264	3	3.9
	England	1	...	...	1	...	...
Cold drawn, seamless	U.S.A.	...	...	1.0	...	...	1.0
Welded	U.S.A.	75	...	...	141	...	...
Seamless, under 10½" dia. - Cold drawn	U.S.A.	536	38	8.3	995	150	22.4
	England	11	3	5.1	13	3	11.2
Hot finished	U.S.A.	45	...	...	318	...	...
Seamless, more than 10½" dia. - Hot finished	U.S.A.	113	1	...	213	1	...
Welded, more than 10½" dia.	U.S.A.	2	...	...	166	...	...
	England	...	...	...	205	...	...
Welded, under 10½" in diameter	U.S.A.	605	1	.9	1,127	1	1.6
Tubing -							
Not over ½" diameter, welded and coated	U.S.A.	7	...	...	12	...	...
Invasion	U.S.A.	359	...	...	584	...	...
Casing	U.S.A.	...	...	...	61	...	...
Fittings and couplings	U.S.A.	128	...	.8	264	...	2.4
Wire rope	U.S.A.	101	...	...	189	...	...
	England	27	...	...	88	...	...
Wire -							
For wire rope	U.S.A.	1,623	...	2.9	3,177	...	2.9
	England	6	...	...	37	...	...
For corset laces, steels, etc.	U.S.A.	25	...	...	31	...	...
	England	1	...	...	1	...	...
For spring mattress, etc.	U.S.A.	95	...	...	149	...	...
For fencing, galvanized	U.S.A.	82	...	...	82	...	...
Wire cloth and netting	U.S.A.	84	...	...	248	...	...
	England	...	...	...	38	...	...
Wire, coated	U.S.A.	111	...	...	126	...	...
Wire - All other	U.S.A.	549	...	4.4	1,021	...	7.4
	England	...	...	...	17	...	...
Wire rods	U.S.A.	100	...	...	100	...	...
Welding rods and welding wire	U.S.A.	68	24	5.6	308	33	7.6
Castings -							
For agricultural implements	U.S.A.	200	...	...	348	...	...
For ingot moulds	U.S.A.	1,804	...	...	4,555	...	...
Malleable	U.S.A.	64	...	...	120	...	...
Non-malleable	U.S.A.	58	...	...	168	...	...
Steel	U.S.A.	43	...	...	83	2	...
Rolls	U.S.A.	99	22	...	201	22	...
	England	1	...	...	1	...	...
For railway vehicles	U.S.A.	109	...	...	128	...	...
Semi-finished piston	U.S.A.	78	...	...	151	...	...

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

Commodity	Country of Origin	February			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Forgings	U.S.A.	142	13	...	190	32	...
	England	...	...	...	...	33	...
Wheels -							
For railway rolling stock	U.S.A.	323	...	...	701	...	...
	England	...	...	...	127	...	...
Pressed	U.S.A.	36	...	...	41	...	...
Tires -							
For railway rolling stock	U.S.A.	450	...	...	649	...	...
	England	103	...	...	213	1	...
Axles -							
For railway vehicles	U.S.A.	5	...	...	5	...	...
For all other vehicles	U.S.A.	5	...	...	5	...	...
Rails -							
60 pounds and under	U.S.A.	22	...	...	23	...	...
Over 60 pounds and under 100 pounds	U.S.A.	326	...	...	360	...	...
Grooved for electric tramways	U.S.A.	67	...	...	72	...	...
Track material -							
Angle bars, tie plates, rail joints	U.S.A.	129	...	...	215	...	...
Intersections, switches, frogs	U.S.A.	2	...	...	23	...	...

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