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Monthly Report

on

PRIMARY IRON AND STEEL IN CANADA - SEPTEMBER, 1948

Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 220,492 net tons in September, 1948 compared with 195,105 net tons in August, 1948. The September, 1948 total included 7,864 tons of semi-finished shapes, 18,586 tons of structurals, 18,734 tons of plates, 25,098 tons of rails, 5,706 tons of tie plates and track material, 46,134 tons of hot rolled bars, 12,574 tons of pipes and tubes, 25,477 tons of wire rods, 20,379 tons of black sheets, 7,137 tons of galvanized sheets, 9,202 tons of castings, 5,142 tons of miscellaneous hot rolled products, and 18,459 tons of all other products. The amount of producers' interchange was 73,300 tons in September, 1948 and 71,194 tons in August, 1948.

Of the amount shipped for sale during September, 37,455 tons went direct to railways and railway car shops; 11,130 tons went to pressing, forming and stamping plants; 30,917 tons to merchant trade products; 27,456 tons to building construction; 17,105 tons to the containers industry; 8,750 tons to agricultural equipment; 11,046 tons to the automotive industry; 10,784 tons to machinery plants; 3,625 tons to shipbuilding; 7,606 tons to mining, lumbering, etc., and 2,583 tons to miscellaneous industries. Wholesalers and warehousing accounted for 29,199 tons and exports for 22,836 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 73,300 tons in September, 1948.

Table 1 - Production of Pig Iron in Canada, September and Year to Date, 1948

	September	Year to Date
	(Tons of 2,000 pounds)	
Basic	145,281	1,294,641
Foundry	20,635	175,321
Malleable	16,549	123,519
Total	182,465	1,593,481

Table 2 - Production of Steel Ingots and Castings in Canada, September and Year to Date, 1948

	September		Year to Date	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Steel ingots - Open hearth	203,555	7,511	1,872,814	63,571
Electric	32,437	5,119	300,898	50,804
Total Ingots	235,992	12,630	2,173,712	114,375
Steel castings	7,552	1,692	69,674	14,063
Total Ingots and Castings	243,544	14,322	2,243,386	128,438

Table 3 - Production in Canada and Producers' Shipments of Primary Iron and Steel Shapes, September, 1948

	Production (Including producers' interchange)	Shipments: For sale	Shipments: Producers' interchange
	(Tons of 2,000 pounds)		
Carbon Steel			
Billets, etc., for forging	9,328	5,625	4,277
Other semi-finished shapes, not for re-rolling by makers	37,482	91	39,442
Structural shapes and piling	20,286	18,586	...
Plates	19,403	18,562	...
Rails	30,815	25,098	...
Tie plates and track material -			
Splice bars	33	56	...
Tie plates	4,835	4,478	...
Spikes	1,394	1,172	...
Concrete reinforcing bars	6,779	6,840	...
Hot rolled bars for cold finishing	727	...	749
Other hot rolled bars	42,266	32,470	7,422
Pipes and tubes	13,983	12,574	...
Wire rods	25,299	25,412	147
Hot rolled black sheets	26,120	17,205	5,032
Cold reduced black sheets	3,530	3,174	356
Galvanized sheets	7,240	7,137	...
Steel castings	7,552	7,652	...
Miscellaneous hot rolled products	20,183	4,738	15,643
All other products	16,144	18,255	...
Total - Carbon Steel	293,399	209,125	73,068
Alloy Steel			
Billets, etc., for forging	2,287	2,148	...
Other semi-finished shapes, not for re-rolling by makers	232	...	232
Structural shapes and piling	...	...	...
Plates	147	172	...
Rails	...	...	...
Tie plates and track material -			
Splice bars	...	...	...
Tie plates	...	...	...
Spikes	...	...	...
Concrete reinforcing bars	...	...	...
Hot rolled bars for cold finishing	...	...	...
Other hot rolled bars	7,202	6,824	...
Pipes and tubes	...	...	...
Wire rods	66	65	...
Hot rolled black sheets	...	...	...
Cold reduced black sheets	...	...	...
Galvanized sheets	...	...	...
Steel castings	1,692	1,550	...
Miscellaneous hot rolled products	449	404	...
All other products	209	204	...
Total - Alloy Steel	12,284	11,367	232

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, Nine Months Ended September, 1948

	Production (Including producers' interchange)	Shipments For sale	Shipments Producers' interchange
	(Tons of 2,000 pounds)		
Carbon Steel			
Billets, etc., for forging	75,115	46,857	29,289
Other semi-finished shapes, not for re-rolling by makers	331,508	4,055	315,835
Structural shapes and piling	132,713	130,568	...
Plates	170,934	166,111	...
Rails	246,591	255,194	56
Tie plates and track material -			
Splice bars	21,881	22,241	...
Tie plates	40,960	40,565	...
Spikes	10,226	10,271	...
Concrete reinforcing bars	53,609	53,518	...
Hot rolled bars for cold finishing	8,316	44	8,638
Other hot rolled bars	394,255	318,349	75,481
Pipes and tubes	109,288	104,033	...
Wire rods	214,440	164,548	50,081
Hot rolled black sheets	225,557	161,058	64,702
Cold reduced black sheets	33,335	31,168	2,167
Galvanized sheets	74,206	73,753	297
Steel castings	69,674	67,952	...
Miscellaneous hot rolled products	192,856	38,005	155,116
All other products	152,383	155,024	4
Total - Carbon Steel	2,557,847	1,843,314	701,666
Alloy Steel			
Billets, etc., for forging	25,719	25,171	162
Other semi-finished shapes, not for re-rolling by makers	2,543	...	2,543
Structural shapes and piling	...	...	...
Plates	2,325	2,298	...
Rails	...	...	...
Tie plates and track material -			
Splice bars	...	...	...
Tie plates	...	...	...
Spikes	...	...	...
Concrete reinforcing bars	...	...	...
Hot rolled bars for cold finishing	...	...	...
Other hot rolled bars	64,717	64,377	...
Pipes and tubes	...	...	...
Wire rods	439	448	...
Hot rolled black sheets	...	...	...
Cold reduced black sheets	...	...	...
Galvanized sheets	...	...	...
Steel castings	14,063	13,133	...
Miscellaneous hot rolled products	3,173	3,075	...
All other products	2,438	2,411	...
Total - Alloy Steel	115,417	110,913	2,705

Table 5 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, September and Year to Date, 1948

	September		Year to Date	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Automotive industries	6,096	4,950	59,634	42,620
Agricultural, including farm machinery	8,146	604	81,946	3,106
Building construction	27,383	73	221,791	871
Containers industry	17,103	2	153,357	277
Machinery and tools	10,150	634	99,429	6,357
Merchant trade products	30,615	302	215,855	2,037
Mining, lumbering, etc.	7,134	472	54,126	5,267
National defence	5	17	204	36
Pressing, forming and stamping	11,069	61	102,583	684
Public works and utilities	1,592	8	11,501	395
Railway operating	19,993	222	262,702	2,549
Railway cars and locomotives	17,063	177	161,066	3,136
Shipbuilding	3,591	34	36,659	362
Miscellaneous and unclassified	828	133	8,167	1,137
Wholesalers and warehouses	28,679	520	234,390	3,032
Direct export (a) to British Empire ..	17,426	2,105	89,008	15,666
(b) to Other Countries .	2,252	1,053	50,896	23,381
Total Shipped for Sale	209,125	11,367	1,843,314	110,913
Producers' interchange	73,068	232	741,666	2,705

Table 6 - Imports into Canada of Primary Forms of Iron and Steel, September and Year to Date, 1948

Commodity	Country of Origin	September			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig Iron -							
Basic	United States	57	...	...	2,950	...	...
	Australia	...	...	...	234	...	...
Foundry	United States	...	...	...	1,327	...	...
Silvery	United States	...	...	...	85	...	...
Ingots	United States	4,283	12	...	24,491	31	...
Billets, blooms, slabs and sheet bars	United States	5	...	...	55	33	...
Tube rounds and tube billets	United States	1,030	...	...	10,993	...	...
Bars and Sections -							
Hot rolled, n.o.p.	United States	3,754	160	11.8	35,559	1,521	67.3
	United Kingdom	23	...	2.2	283	...	15.2
	Belgium	43	...	...	517	...	...
Hot rolled -							
For agricultural implements	United States	1,472	124	...	12,759	2,892	...
	United Kingdom	...	...	...	50	...	...
Rounds over 4⅞", squares over 4"	United States	33	32	...	810	168	...
	United Kingdom	14	...	...	89	...	.3
Angles, channels, etc.	United States	507	...	.9	7,457	...	22.1
	United Kingdom	...	...	...	2	...	...
	Belgium	452	...	...	571	...	...
Structurals (bar sizes) for agricultural implements	United States	1,489	69	...	7,481	526	...
Sash or casement sections	United States	188	...	...	2,181	...	...
	United Kingdom	...	...	...	86	...	...
	Belgium	...	...	...	11	...	...
Cold rolled, n.o.p.	United States	571	11	11.6	4,194	159	61.6
	United Kingdom	...	...	.1	1	...	3.1
	Germany	...	...	...	...	4	...
Cold rolled, for agricultural implements	United States	568	...	...	5,185	29	...
Tool steel	United States	19	47	...	185	461	...
	United Kingdom	67	17	...	355	165	...
	Sweden	...	...	...	6	...	...
Structurals	United States	9,669	...	...	126,386	58	6.7
	United Kingdom	...	...	...	700	...	...

Table 6 - Imports into Canada of Primary Forms of Iron and Steel, September and Year to Date, 1948 (Con.)

Commodity	Country of Origin	September Carbon	September Alloy	September Stainless	Year to Date Carbon	Year to Date Alloy	Year to Date Stainless
		(Tons of 2,000 pounds)					
Plates -							
78" and under in width	United States	2,065	2	8.2	22,866	25	268.1
	United Kingdom	303	...	5.1	1,876	...	10.1
Over 78" and under 100" in width	United States	412	...	10.2	9,707	...	17.6
	United Kingdom	14	...	...	647	...	8.6
Over 100" in width	United States	508	...	...	4,614	...	36.3
	United Kingdom	...	...	...	123	...	.2
Flanged, dished or curved	United States	68	...	...	898	...	8.5
Boiler, pulp-mill digesters	United States	583	...	6.3	4,942	12	65.0
	United Kingdom	...	...	...	63	...	...
Chequered or surface pattern ...	United States	615	...	...	5,723	...	...
Painted	United States	9	...	...	79	...	...
Sheets -							
Silicon .075 or more	United States	...	1,347	...	...	13,997	...
Galvanized	United States	381	...	...	5,814	...	...
	United Kingdom	26	...	...	245	...	...
Hot rolled							
18 gauge and heavier	United States	2,751	...	10.7	29,229	8	169.4
	United Kingdom	...	...	5.9	...	...	24.1
Lighter than 18 gauge	United States	1,226	...	1.2	5,115	1	43.2
For hollow ware (vitreous enamel)	United States	19	...	...	2,770	...	...
.05¢ per pound and over	United States	...	...	...	13	...	...
Corrugated	United States	445	...	...	2,609	...	...
Coated with paint, tar, asphaltum, etc.	United States	66	...	...	833	...	...
For saws	United States	1	43	...	140	423	...
	United Kingdom	...	...	...	...	19	...
For cold rolled strip	United States	343	...	...	733	...	...
Shaped for agricultural implements	United States	293	...	...	1,902	...	...
For tubes	United States	3	...	...	211	...	...
Cold rolled -							
18 gauge and heavier	United States	658	...	51.7	6,945	1	609.7
	United Kingdom	4	...	...	45	...	29.1
	Belgium	...	...	...	110	...	...
Lighter than 18 gauge	United States	2,908	...	117.2	22,727	18	950.8
	United Kingdom	33	...	...	376	...	...
For hollow ware (vitreous enamel)	United States	698	...	...	2,035	...	...
	United Kingdom	224	...	...	523	...	...
Black plate -- tin mill	United States	1,605	...	...	14,761	...	...
waste waste ...	United States	27	...	...	27	...	...
Coated with paint, tar, asphaltum, etc.	United States	51	...	...	925	...	...
For heating apparatus	United States	17	...	...	163	...	...
For saws	United States	...	...	...	30	21	...
	Sweden	...	...	...	...	2	...
For tubes	United States	1,047	...	...	5,928	...	...
For tubular products	United States	53	...	...	271	...	...
For butt hinges	United States	43	...	...	59	...	...
Black plate - For tinning	United States	2,757	...	...	33,039	...	...
Tin plate - Primes	United States	3,383	...	...	17,651	...	...
	United Kingdom	37	...	...	498	...	...
Seconds	United Kingdom	...	...	...	7	...	...
Electrolytic (25#)..	United States	1,716	...	...	17,669	...	...
(50#)..	United States	16	...	...	519	...	...
Terne plate - Long	United States	245	...	...	2,831	...	...
Short	United States	...	...	...	2,379	...	...

Table 6 - Imports into Canada of Primary Forms of Iron and Steel, September and Year to Date, 1948 (Con.)

Commodity	Country of Origin	September			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip -							
Hot rolled -							
18 gauge and heavier	United States	1,319	6	1.8	10,883	49	24.1
	Sweden	2	...	...	2	...	...
	United Kingdom	22	...	...	116	9	...
	Belgium	471	...	...	545	...	...
Lighter than 18 gauge	United States	122	...	...	1,184	...	.2
	United Kingdom	1	...	...	1	...	...
For cold rolling	United States	316	...	...	3,949	...	...
For barrel hoops	United States	...	...	...	687	...	...
Painted	United States	478	...	...	3,607	...	...
.05¢ per pound and over	United States	...	...	...	1	...	...
For shoe and corset laces, buckles, ball bearings, etc..	United States	85	...	...	759	...	...
For saws	United States	20	24	...	269	226	...
	Sweden	...	...	...	7	...	...
For motor vehicles	United States	954	...	...	8,936	...	...
For butt hinges	United States	121	...	...	150	...	...
For hoops	United States	94	...	...	1,198	...	...
For tubes	United States	8	...	...	172	...	...
For tubular products	United States	...	...	...	154	...	...
Silicon .075 or more	United States	...	95	...	19	782	...
Cold rolled -							
18 gauge and heavier	United States	412	...	10.3	2,412	28	140.7
	Sweden	...	...	...	1	...	...
	United Kingdom	2	...	...	2	...	...
Lighter than 18 gauge	United States	403	...	87.9	3,987	2	626.8
	United Kingdom	3	...	...	10	...	.5
	Sweden	6	...	...	182	...	...
Painted	United States	35	...	...	432	...	...
For shoe and corset laces, buckles, ball bearings, etc..	United States	27	...	...	253	...	...
For saws	United States	...	17	...	21	77	...
	Sweden	...	2	...	1	66	...
For tubes	United States	49	...	...	722	...	...
For tubular products	United States	105	...	...	663	...	...
For butt hinges	United States	73	...	...	690	...	...
Silicon .075 or more	United States	...	84	...	...	607	...
Galvanized strip	United States	615	...	...	6,040	...	...
Skelp -							
Over 15⅜" in width	United States	...	...	...	4,515	...	...
15⅜" and under in width	United States	6,635	...	...	34,679	...	...
	Belgium	1,327	...	...	3,757	...	...
Pipes and Tubes -							
Cast	United States	8	...	...	640	...	...
	United Kingdom	679	...	...	2,662	...	...
Bedstead	United States	...	...	...	62	...	...
Boiler and pulp-mill digesters -							
Hot finished	United States	883	...	...	7,927	36	...
Cold drawn	United States	216	9	...	1,475	46	3.0
Welded	United States	2	...	...	409	...	...
Welded for oil refinery	United States	2	...	...	2	...	...
Seamless, 12" and under in diameter - Cold drawn	United States	402	4	8.1	5,537	266	127.1
	United Kingdom	15	...	2.9	91	1	22.8
	Sweden	...	...	...	...	...	.6
Hot finished	United States	157	...	...	2,073	6	...
	United Kingdom	...	...	...	9	...	...
Seamless, over 12" in diameter -							
Cold drawn	United States	...	...	...	105	...	1.9
Hot finished	United States	131	...	...	1,265	...	...
	United Kingdom	1,701	...	...	5,090	...	...

Table 6 - Imports into Canada of Primary Forms of Iron and Steel, September and Year to Date, 1948 (Con.)

Commodity	Country of Origin	September			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pipes and Tubes - (Concluded)							
Welded, 4" and under in diameter	United States	1,246	...	7.2	9,053	1	47.2
	United Kingdom	301	...	...	1,058	...	...
	Australia	...	...	...	21	...	...
Welded, over 4" in diameter	United States	754	...	...	2,630	...	15.8
	Belgium	...	...	...	82	...	...
	Australia	...	...	...	5	...	...
Tubing -							
Not over ½" diameter, welded and coated	United States	25	...	...	141	...	1.0
Casings	United States	2,111	...	...	12,370	...	...
Fittings and couplings	United States	184	...	1.4	1,896	...	8.5
	United Kingdom	...	...	...	12	...	...
	Belgium	...	...	...	7	...	...
Wire rope	United States	64	...	...	300	...	2.9
	United Kingdom	3	...	...	106	...	...
Wire -							
For wire rope	United States	2,123	...	.2	16,558	...	.2
	United Kingdom	49	...	...	326	...	...
For corset laces, steels, etc. .	United States	12	...	...	130	...	...
	United Kingdom	...	...	...	5	...	...
For spring mattress, etc.	United States	241	...	...	575	...	...
For fencing, galvanized	United States	...	...	...	171	...	...
Wire cloth and netting	United States	79	...	...	770	...	.8
	United Kingdom	1	...	...	51	...	...
Wire, coated	United States	106	...	...	612	...	...
Wire - All other	United States	577	...	2.8	6,201	...	22.0
	Sweden	5	...	...	5	...	...
Wire rods, not over ⅜" in diameter	United States	37	...	...	841	...	...
Welding wire and welding rods	United States	112	13	8.7	1,518	55	92.1
Castings -							
For agricultural implements	United States	138	...	...	1,126	...	...
For ingot moulds	United States	1,940	...	...	17,423	...	...
Malleable	United States	32	...	...	364	...	...
Non-malleable	United States	80	...	...	1,255	...	...
Steel	United States	44	3	...	757	50	2.2
For railway vehicles	United States	22	...	...	435	...	...
Rolls	United States	173	39	...	2,085	1,185	...
	United Kingdom	1	...	...	1	...	...
Piston rings (rough)	United States	2	...	...	126	...	...
Forgings	United States	23	37	.3	807	184	9.8
	United Kingdom	...	58	...	177	142	...
Axles -							
For railway vehicles	United States	...	...	...	381	...	...
For all other vehicles	United States	...	...	...	51	...	...
Wheels -							
For railway rolling stock	United States	235	...	...	1,271	...	...
	United Kingdom	957	...	...	3,126	...	...
Tires -							
For railway rolling stock	United States	88	...	...	4,260	...	...
	United Kingdom	439	...	...	3,503	197	...

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Table 6 - Imports into Canada of Primary Forms of Iron and Steel, September and Year to Date, 1948 (Concluded)

Commodity	Country of Origin	September			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Rails -							
60 pounds and under	United States	33	...	...	269	...	...
Over 60 pounds and including 100 pounds	United States	57	...	...	330	...	...
Over 100 pounds	United States	9	...	...	52	...	...
Grooved for electric tramways.	United States	...	...	...	2,680	...	...
Track material -							
Angle bars, tie plates, rail joints	United States	147	...	...	887	...	...
Intersections, switches, frogs	United States	5	...	...	69	...	...
Total Imports	United States	73,028	2,178	358.5	662,576	23,984	3452.6
	All other	7,225	77	16.2	28,379	605	114.6
TOTAL		80,253	2,255	374.7	690,955	24,589	3567.2

Table 7 - Exports from Canada of Primary Iron and Steel, September and Year to Date, 1948

	September	Year to Date
	(Tons of 2,000 pounds)	
Pig iron	229	444
Ingots, blooms and billets	3,335	27,401
Bars	2,695	34,536
Rods	353	1,613
Plates, sheets and strips	3,564	12,050
Rails	20,029	101,869
Structural shapes	247	6,754
Pipe and tubing - Wrought iron	74	1,100
Cast iron	54	450
Galvanized	743	1,385
Other	44	725
Castings, iron and steel	585	5,910
Forgings	27	456

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