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Monthly Report

on

PRIMARY IRON AND STEEL IN CANADA, JUNE, 1948

Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 220,351 net tons in June, 1948, compared with 229,672 net tons in May, 1948. The June, 1948 total included 8,431 tons of semi-finished shapes, 14,576 tons of structurals, 17,827 tons of plates, 34,168 tons of rails, 5,019 tons of tie plates and track material, 56,789 tons of hot rolled bars, 10,718 tons of pipes and tubes, 12,682 tons of wire rods, 20,776 tons of black sheets, 8,111 tons of galvanized sheets, 9,101 tons of castings, 4,700 tons of miscellaneous hot rolled products, and 17,453 tons of all other products. The amount of producers' interchange was 88,372 tons in June, 1948 and 85,885 tons in May, 1948.

Of the amount shipped for sale during June, 50,522 tons went direct to railways and railway car shops; 10,843 tons to pressing, forming and stamping plants; 20,177 tons to merchant trade products; 25,698 tons to building construction; 17,024 tons to the containers industry; 11,283 tons to agricultural equipment; 12,254 tons to the automotive industry; 12,698 tons to machinery plants; 3,284 tons to shipbuilding; 6,688 tons to mining, lumbering, etc., and 2,277 tons to miscellaneous industries. Wholesalers and warehousing accounted for 25,484 tons and exports for 22,119 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 88,372 tons in June, 1948.

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

	June	Year to Date
	(Tons of 2,000 pounds)	
Basic	148,641	841,174
Foundry	18,809	111,002
Malleable	16,313	79,517
Total	183,763	1,031,693

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

	June		Year to Date	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Steel ingots - Open hearth	202,508	5,871	1,256,636	46,177
Electric	36,079	5,251	201,136	33,062
Total Ingots	238,587	11,122	1,457,772	79,239
Steel castings	8,054	1,562	49,213	9,708
Total Ingots and Castings	246,641	12,684	1,506,985	88,947

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

	Production (Including producers' interchange)	Shipments For sale	Shipments Producers' interchange
	(Tons of 2,000 pounds)		
Carbon Steel			
Billets, etc., for forging	7,478	5,133	2,408
Other semi-finished shapes, not for re-rolling by makers	35,362	67	42,557
Structural shapes and piling	17,434	14,576	...
Plates	17,061	17,542	...
Rails	32,010	34,168	...
Tie plates and track material -			
Splice bars	3,004	1,845	...
Tie plates	2,149	2,163	...
Spikes	1,020	1,011	...
Concrete reinforcing bars	6,645	6,707	...
Hot rolled bars for cold finishing	582	...	626
Other hot rolled bars	41,621	42,281	5,279
Pipes and tubes	12,036	10,718	...
Wire rods	23,350	12,614	11,036
Hot rolled black sheets	26,487	16,846	7,113
Cold reduced black sheets	4,508	3,930	578
Galvanized sheets	8,690	8,111	...
Steel castings	8,054	7,597	...
Miscellaneous hot rolled products	21,852	4,315	18,192
All other products	18,409	17,249	...
Total - Carbon Steel	287,752	206,873	87,789
Alloy Steel			
Billets, etc., for forging	3,293	3,231	...
Other semi-finished shapes, not for re-rolling by makers	583	...	583
Structural shapes and piling	...	...	...
Plates	337	285	...
Rails	...	...	...
Tie plates and track material -			
Splice bars	...	...	...
Tie plates	...	...	...
Spikes	...	...	...
Concrete reinforcing bars	...	...	...
Hot rolled bars for cold finishing	...	...	...
Other hot rolled bars	7,224	7,801	...
Pipes and tubes	...	...	...
Wire rods	27	68	...
Hot rolled black sheets	...	...	...
Cold reduced black sheets	...	...	...
Galvanized sheets	...	...	...
Steel castings	1,562	1,504	...
Miscellaneous hot rolled products	491	385	...
All other products	209	204	...
Total - Alloy Steel	13,726	13,478	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, 1948

	Production (Including producers' interchange)	Shipments	
		For sale	Producers' interchange
	(Tons of 2,000 pounds)		
Carbon Steel			
Billets, etc., for forging	48,973	32,576	16,837
Other semi-finished shapes, not for re-rolling by makers	207,529	3,773	201,389
Structural shapes and piling	90,045	87,718	...
Plates	112,546	110,420	...
Rails	161,555	172,550	...
Tie plates and track material -			
Splice bars	18,873	17,628	...
Tie plates	29,541	29,518	...
Spikes	7,076	7,148	...
Concrete reinforcing bars	35,897	36,129	...
Hot rolled bars for cold finishing	5,743	...	6,095
Other hot rolled bars	280,695	225,151	59,252
Pipes and tubes	76,903	72,777	...
Wire rods	143,754	93,637	49,314
Hot rolled black sheets	150,635	110,413	44,893
Cold reduced black sheets	23,402	22,007	1,395
Galvanized sheets	50,659	50,161	297
Steel castings	49,213	47,403	...
Miscellaneous hot rolled products	132,143	26,300	105,996
All other products	104,884	106,626	...
Total - Carbon Steel	1,730,066	1,251,935	485,468
Alloy Steel			
Billets, etc., for forging	19,032	18,770	...
Other semi-finished shapes, not for re-rolling by makers	1,974	...	1,974
Structural shapes and piling	...	...	...
Plates	1,973	1,847	...
Rails	...	...	...
Tie plates and track material -			
Splice bars	...	...	...
Tie plates	...	...	...
Spikes	...	...	...
Concrete reinforcing bars	...	...	...
Hot rolled bars for cold finishing	...	...	...
Other hot rolled bars	46,411	46,550	...
Pipes and tubes	...	...	...
Wire rods	284	329	...
Hot rolled black sheets	...	...	...
Cold reduced black sheets	...	...	...
Galvanized sheets	...	...	...
Steel castings	9,708	9,200	...
Miscellaneous hot rolled products	2,145	2,056	...
All other products	1,689	1,700	...
Total - Alloy Steel	83,216	80,452	1,974

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

	June		Year to Date	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Automotive industries	6,794	5,460	40,987	30,822
Agricultural, including farm machinery	10,993	290	58,985	1,769
Building construction	25,538	160	150,079	529
Containers industry	16,764	260	104,680	270
Machinery and tools	12,380	318	69,897	4,220
Merchant trade products	20,060	117	125,158	1,277
Mining, lumbering, etc.	6,041	647	35,396	3,998
National defence	1	...	171	14
Pressing, forming and stamping	10,759	84	72,853	482
Public works and utilities	1,414	26	7,398	365
Railway operating	31,389	302	189,672	1,654
Railway cars and locomotives	18,482	349	113,439	2,707
Shipbuilding	3,202	82	24,879	216
Miscellaneous and unclassified	688	148	5,943	768
Wholesalers and warehouses	24,896	588	163,813	1,828
Direct export (a) to British Empire ..	15,018	1,178	43,119	10,915
(b) to other countries..	2,454	3,469	45,466	18,618
Total Shipped for Sale	206,873	13,478	1,251,935	80,452
Producers' interchange	87,789	583	525,468	1,974

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

Commodity	Country of Origin	June			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig Iron -							
Basic	United States	459	...	...	1,692	...	...
	Australia	...	...	...	234	...	...
Foundry	United States	...	...	...	1,327	...	...
Silvery	United States	28	...	...	56	...	...
Ingots	United States	3,639	...	...	14,315	19	...
Billets, blooms, slabs and sheet bars	United States	...	5	...	42	13	...
Tube rounds and tube billets	United States	1,974	...	...	5,675	...	...
Bars and Sections -							
Hot rolled, n.o.p.	United States	4,162	104	9.7	25,056	781	46.5
	United Kingdom	11	...	2.3	125	...	11.4
	Belgium	275	...	...	275	...	...
Hot rolled -							
For agricultural implements	United States	1,336	216	...	9,168	2,176	...
	United Kingdom	...	...	...	50	...	...
Rounds over 4 7/8", squares over 4"	United States	89	10	...	570	99	...
	United Kingdom	26	...	...	70	...	.3
Angles, channels, etc.	United States	1,167	...	.9	5,389	...	14.9
	United Kingdom	2	...	...	2	...	...
Structurals (bar sizes) for agricultural implements	United States	826	53	...	5,063	207	...
Sash or casement sections	United States	200	...	...	1,495	...	...
	United Kingdom	...	...	...	59	...	...
	Belgium	...	...	...	11	...	...
Cold rolled, n.o.p.	United States	297	16	4.2	2,630	131	41.6
	United Kingdom	...	...	.8	...	...	2.4
Cold rolled, for agricultural implements	United States	554	...	...	3,529	10	...
Tool steel	United States	18	92	...	149	315	...
	United Kingdom	85	14	...	207	98	...
	Sweden	...	...	...	6	...	...
Structurals	United States	13,017	...	3.3	94,311	33	6.4
	United Kingdom	166	...	...	695	...	...

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

Commodity	Country of Origin	June			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Plates -							
78" and under in width	United States	1,969	1	94.8	16,901	16	231.7
	United Kingdom	497	...	...	1,246	...	2.2
Over 78" and under 100" in width	United States	1,185	...	4.3	7,205	...	7.4
	United Kingdom	260	...	1.4	578	...	8.6
Over 100" in width	United States	530	...	8.8	3,448	...	36.3
	United Kingdom	123	...	.2	123	...	.2
Flanged, dished or curved	United States	67	...	2.3	684	...	7.2
Boiler, pulp-mill digesters	United States	742	12	31.1	3,065	12	32.9
	United Kingdom	...	...	...	63	...	...
Chequered or surface pattern ...	United States	751	...	...	4,067	...	...
Painted	United States	4	...	...	33	...	...
Sheets -							
Silicon .075 or more	United States	...	1,595	...	...	9,881	...
Galvanized	United States	766	...	...	4,279	...	...
	United Kingdom	145	...	...	156	...	...
Hot rolled -							
18 gauge and heavier	United States	3,650	2	29.9	20,747	8	139.3
	United Kingdom	...	...	...	...	...	9.2
Lighter than 18 gauge	United States	282	...	1.7	2,033	1	36.6
For hollow ware (vitreous enamel)	United States	444	...	...	2,363	...	...
.05¢ per pound and over	United States	...	...	...	13	...	...
Corrugated	United States	378	...	...	1,784	...	...
Coated with paint, tar, asphaltum, etc.	United States	110	...	...	600	...	...
For saws	United States	13	49	...	138	287	...
	United Kingdom	...	...	...	...	14	...
For cold rolled strip	United States	83	...	...	301	...	...
Shaped for agricultural implements	United States	162	...	...	738	...	...
For tubes	United States	91	...	...	208	...	...
Cold rolled -							
18 gauge and heavier	United States	511	...	78.3	4,891	1	405.8
	United Kingdom	23	...	1.3	41	...	3.1
Lighter than 18 gauge	United States	2,590	...	98.8	14,694	18	619.4
	United Kingdom	90	...	...	282	...	...
For hollow ware (vitreous enamel)	United States	461	...	...	1,013	...	...
	United Kingdom	27	...	...	108	...	...
Black plate (tin mill)	United States	2,253	...	...	10,398	...	...
Coated with paint, tar, asphaltum, etc.	United States	115	...	...	550	...	...
For heating apparatus	United States	35	...	...	104	...	...
For saws	United States	...	1	...	30	19	...
	Sweden	...	...	...	...	2	...
For tubes	United States	647	...	...	4,094	...	...
For tubular products	United States	...	...	...	213	...	...
For butt and hinges	United States	...	...	...	16	...	...
Black plate - For tinning	United States	9,423	...	...	23,958	...	...
Tin plate - Primes	United States	1,073	...	...	10,050	...	...
	United Kingdom	52	...	...	305	...	...
Seconds	United Kingdom	7	...	...	7	...	...
Electrolytic (25#)..	United States	1,300	...	...	11,979	...	...
Electrolytic (50#)..	United States	113	...	...	286	...	...
Terne plate - Long	United States	334	...	...	1,875	...	...
Short	United States	209	...	...	2,070	...	...

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

Commodity	Country of Origin	June			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip -							
Hot rolled -							
18 gauge and heavier	United States	962	11	.6	8,051	25	16.5
	United Kingdom	58	...	...	94	...	...
	Belgium	43	...	...	43	...	...
Lighter than 18 gauge	United States	85	...	...	901	...	...
For cold rolling	United States	299	...	...	2,791	...	...
For barrel hoops	United States	...	...	...	687	...	...
Painted	United States	467	...	...	2,355	...	...
.05¢ per pound and over	United States	...	...	...	1	...	...
For shoe and corset laces, buckles, ball bearings, etc.	United States	120	...	...	429	...	...
For saws	United States	17	27	...	200	131	...
	Sweden	...	...	...	7	...	...
For motor vehicles	United States	1,063	...	...	6,145	...	...
For butt hinges	United States	...	...	...	29	...	...
For hoops	United States	202	...	...	907	...	...
For tubes	United States	25	...	...	153	...	...
For tubular products	United States	...	...	...	96	...	...
Silicon .075 or more	United States	...	112	...	19	607	...
Cold rolled -							
18 gauge and heavier	United States	222	3	9.6	1,445	22	99.9
	Sweden	...	...	...	1	...	...
Lighter than 18 gauge	United States	254	...	59.4	2,824	...	368.4
	Sweden	21	...	...	137	...	...
	United Kingdom	...	...	...	1	...	.5
Painted	United States	49	...	...	295	...	...
For shoe and corset laces, buckles, ball bearings, etc.	United States	23	...	...	170	...	...
For saws	United States	...	3	...	20	45	...
	Sweden	...	12	...	...	48	...
For tubes	United States	245	...	...	554	...	...
For tubular products	United States	53	...	...	459	...	...
For butt hinges	United States	32	...	...	443	...	...
Silicon .075 or more	United States	...	53	...	...	425	...
Galvanized strip	United States	630	...	...	3,975	...	...
Skelp -							
Over 15 3/8" in width	United States	811	...	...	2,921	...	...
15 3/8" and under	United States	4,229	...	...	24,535	...	...
	Belgium	1,224	...	...	2,430	...	...
Pipes and Tubes -							
Cast	United States	5	...	...	623	...	...
	United Kingdom	302	...	...	1,115	...	...
Bedstead	United States	...	...	...	40	...	...
Boiler and pulp-mill digesters -							
Hot finished	United States	610	4	...	4,865	36	...
Cold drawn	United States	259	1	...	1,026	6	1.4
Welded	United States	81	...	...	330	...	...
Seamless, 12" and under in diameter - Cold drawn	United States	383	7	13.5	4,188	185	92.5
	United Kingdom	6	...	3.6	45	1	17.7
	Sweden	...	...	...	...	...	.6
Hot finished	United States	189	...	...	1,542	6	...
	United Kingdom	...	...	...	9	...	...
Seamless, more than 12" in diameter - Cold drawn	United States	...	...	...	105	...	1.9
Hot finished	United States	73	...	...	576	...	...
	United Kingdom	848	...	...	2,557	...	...

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

Commodity	Country of Origin	June			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	1,106	...	2.4	5,541	1	35.9
	United Kingdom	70	...	...	505	...	...
	Australia	...	...	...	21	...	...
Welded, over 4" in diameter	United States	421	...	...	1,562	...	13.4
	Belgium	...	...	...	82	...	...
	Australia	...	...	...	5	...	...
Tubing -							
Not over ½" diameter, welded and coated	United States	9	...	...	83	...	1.0
Casings	United States	2,833	...	...	6,584	...	...
Fittings and couplings	United States	256	...	2.3	1,300	...	5.9
	United Kingdom	...	...	...	6	...	...
	Belgium	...	...	...	7	...	...
Wire rope	United States	13	...	...	146	...	2.4
	United Kingdom	2	...	...	75	...	...
Wire -							
For wire rope	United States	2,117	...	...	11,433	...	...
	United Kingdom	45	...	...	265	...	...
For corset laces, steels, etc. .	United States	6	...	...	90	...	...
	United Kingdom	2	...	...	5	...	...
For spring mattress, etc.	United States	13	...	...	201	...	...
For fencing, galvanized	United States	...	...	...	81	...	...
Wire cloth and netting	United States	30	...	...	564	...	.7
	United Kingdom	...	...	...	50	...	...
Wire, coated	United States	12	...	...	430	...	...
Wire - All other	United States	811	...	1.0	4,432	...	11.3
Wire rods, not over 3/8" in diameter	United States	10	...	...	781	...	...
Welding rods and welding wire	United States	258	13	4.6	1,199	41	22.8
Castings -							
For agricultural implements	United States	144	...	...	583	...	...
For ingot moulds	United States	1,679	...	...	10,824	...	...
Malleable	United States	47	...	...	261	...	...
Non-malleable	United States	117	...	...	932	...	...
Steel	United States	53	17	1.9	478	39	2.2
For railway vehicles	United States	85	...	...	258	...	...
Rolls	United States	300	432	...	1,487	815	...
Piston rings (rough)	United States	1	...	...	91	...	...
Forgings	United States	86	54	1.3	504	140	3.6
	United Kingdom	96	...	...	177	51	...
Axles -							
For railway vehicles	United States	122	...	...	327	...	...
For all other vehicles	United States	...	...	...	51	...	...
Wheels -							
For railway rolling stock	United States	471	...	...	826	...	...
	United Kingdom	631	...	...	1,148	...	...
Tires -							
For railway rolling stock	United States	628	...	...	3,294	...	...
	United Kingdom	803	36	...	2,289	135	...

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

Commodity	Country of Origin	June			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Rails -							
60 pounds and under	United States	...	...	...	188	...	...
Over 60 pounds and including 100 pounds	United States	11	...	...	193	...	...
Over 100 pounds	United States	...	...	...	16	...	...
Grooved for electric tramways ..	United States	528	...	...	2,310	...	...
Track material -							
Angle bars, tie plates, rail joints	United States	119	...	...	504	...	...
Intersections, switches, frogs..	United States	...	...	...	43	...	...

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

	June	Year to Date
	(Tons of 2,000 pounds)	
Pig iron	...	...
Ingots, blooms and billets	6,345	19,325
Bars	3,941	25,138
Rods	399	904
Plates, sheets and strips	570	7,154
Rails	14,501	63,409
Structural shapes	1,550	3,146
Pipe and tubing - Wrought iron	26	930
Cast iron	26	181
Galvanized	15	132
Other	11	511
Castings, iron and steel	916	3,636
Forgings	80	370

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