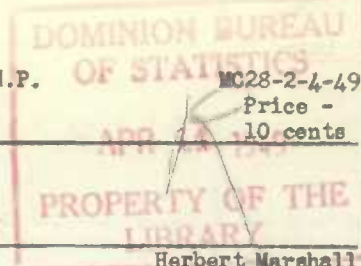


Published by Authority of the Rt. Hon. C. D. Howe, M.P.
Minister of Trade and Commerce

Department of Trade and Commerce
Dominion Bureau of Statistics
Mining, Metallurgical and Chemical Section
Ottawa - Canada



Dominion Statistician:
Director - Industry and Merchandising Division:
Chief - Mining, Metallurgical and Chemical Section:

Herbert Marshall
W. H. Losee
H. McLeod

Historical File Copy

Monthly Report

on

PRIMARY IRON AND STEEL IN CANADA - JANUARY, 1949

Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 233,548 net tons in January, 1949 compared with 212,886 net tons in December, 1948. The January, 1949 total included 8,214 tons of semi-finished shapes, 17,265 tons of structurals, 19,484 tons of plates, 33,200 tons of rails, 5,764 tons of tie plates and track material, 54,635 tons of hot rolled bars, 13,219 tons of pipes and tubes, 25,540 tons of wire rods, 18,419 tons of black sheets, 7,722 tons of galvanized sheets, 8,328 tons of castings, 5,321 tons of miscellaneous hot rolled products, and 16,437 tons of all other products. The amount of producers' interchange was 89,761 tons in January, 1949 and 66,005 tons in December, 1948.

Of the amount shipped for sale during January, 49,003 tons went direct to railways and railway car shops; 9,799 tons went to pressing, forming and stamping plants; 31,418 tons to merchant trade products; 32,107 tons to building construction; 15,229 tons to the containers industry; 10,339 tons to agricultural equipment; 11,379 tons to the automotive industry; 11,147 tons to machinery plants; 2,252 tons to shipbuilding; 8,256 tons to mining, lumbering, etc., and 2,566 tons to miscellaneous industries. Wholesalers and warehousing accounted for 29,101 tons and exports for 20,952 tons. Producers' interchange or the tonnage shipped to producers' own works for further processing, totalled 89,761 tons in January, 1949.

Table 1 - Production of Pig Iron in Canada, January, 1949

	Tons of 2,000 pounds
Basic	154,235
Foundry	14,719
Malleable	14,120
Total	183,074

Table 2 - Production of Steel Ingots and Castings in Canada, January, 1949

	Carbon	Alloy
	(Tons of 2,000 pounds)	
Steel ingots - Open hearth	232,507	8,445
Electric	30,015	5,020
Total ingots	262,522	13,465
Steel castings	7,587	1,142
Total Ingots and Castings	270,109	14,607

Table 3 - Production in Canada and Producers' Shipments of Primary Iron and Steel Shapes, January, 1949

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon Steel</u>			
Billets, etc., for forging	11,604	7,428	4,042
Other semi-finished shapes, not for re-rolling by makers	47,496	296	46,981
Structural shapes and piling	17,220	17,265	...
Plates	19,079	19,163	73
Rails	30,960	33,200	...
Tie plates and track material -			
Splice bars	3,665	3,052	...
Tie plates	1,706	1,731	...
Spikes	1,002	981	...
Concrete reinforcing bars	9,103	7,690	...
Hot rolled bars for cold finishing	338	...	208
Other hot rolled bars	44,232	40,869	7,902
Pipes and tubes	16,710	13,219	...
Wire rods	26,918	25,488	88
Hot rolled black sheets	15,035	12,924	6,255
Cold reduced black sheets	7,709	5,495	1,479
Galvanized sheets	8,219	7,722	...
Steel castings	7,587	7,255	...
Miscellaneous hot rolled products	29,000	5,036	22,546
All other products	16,077	16,096	...
Total - Carbon Steel	313,660	224,910	89,574
<u>Alloy Steel</u>			
Billets, etc., for forging	536	490	...
Other semi-finished shapes, not for re-rolling by makers	187	...	187
Structural shapes and piling .....	...	...	...
Plates	232	321	...
Rails .....	...	...	...
Tie plates and track material -			
Splice bars .....	...	...	...
Tie plates .....	...	...	...
Spikes .....	...	...	...
Concrete reinforcing bars .....	...	...	...
Hot rolled bars for cold finishing .....	...	...	...
Other hot rolled bars	4,935	6,076	...
Pipes and tubes .....	...	...	...
Wire rods	56	52	...
Hot rolled black sheets .....	...	...	...
Cold reduced black sheets .....	...	...	...
Galvanized sheets .....	...	...	...
Steel castings	1,142	1,073	...
Miscellaneous hot rolled products	242	285	...
All other products	347	341	...
Total - Alloy Steel	7,677	8,638	187

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 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, January, 1949

	Carbon	Alloy
	(Tons of 2,000 pounds)	
Automotive industries	6,044	5,335
Agricultural, including farm machinery	10,272	67
Building construction	32,058	49
Containers industry	15,227	2
Machinery and tools	10,566	581
Merchant trade products	31,251	167
Mining, lumbering, etc.	7,808	448
National defence	148	...
Pressing, forming and stamping	9,737	62
Public works and utilities	1,178	29
Railway operating	32,311	164
Railway cars and locomotives	16,099	429
Shipbuilding	2,072	180
Miscellaneous and unclassified	1,113	98
Wholesalers and warehouses	28,724	377
Direct export (a) to British Empire	15,217	197
(b) to other countries	5,085	453
Total Shipped for Sale	224,910	8,638
Producers' interchange	89,574	187

Table 5 - Imports into Canada of Primary Forms of Iron and Steel, January, 1949

Commodity	Country of Origin	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)		
Pig Iron -				
Basic	United States	407	...	...
Foundry	United States	134	...	...
Malleable	United States	283	...	...
Silvery	United States	56	...	...
Ingots	United States	4,916	...	...
Billets, blooms, slabs and sheet bars	United States	5	28	...
Tube rounds and tube billets	United States	662	...	...
Bars and Sections -				
Hot rolled, n.o.p.	United States	5,055	492	2.3
	United Kingdom	1	...	5.3
	Belgium	319	...	...
Hot rolled -				
For agricultural implements ...	United States	1,688	497	...
Rounds over 4 $\frac{1}{2}$ ", squares over 4"	United States	125	10	...
	United Kingdom	18	...	...
Angles, channels, etc.	United States	729	...	1.6
	Belgium	96	...	...
Structurals (bar sizes) for agricultural implements	United States	699	104	...
Sash or casement sections	United States	291	...	...
	United Kingdom	23	...	...
Cold rolled, n.o.p.	United States	1,050	5	17.2
	United Kingdom	1	6	...
	Germany	...	1	...
Cold rolled, for agricultural implements	United States	742	4	...
Tool steel	United States	14	43	...
	United Kingdom	51	52	...
Structurals	United States	10,061	...	.1
	United Kingdom	144	...	...

Table 5 - Imports into Canada of Primary Forms of Iron and Steel, January, 1949 (Continued)

Commodity	Country of Origin	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)				
Plates -				
78" and under in width	United States	2,198	183	50.5
	United Kingdom	1,316	...	...
Over 78" and under 100" in width.	United States	839	30	36.1
	United Kingdom	161	...	1.8
Over 100" in width	United States	348	...	...
	United Kingdom	65	...	19.0
Flanged, dished or curved	United States	56	...	...
Boiler, pulp-mill digesters	United States	550	...	.7
	United Kingdom	...	...	...
Chequered or surface pattern	United States	961	...	...
For saws	United States	...	1	...
Sheets -				
Silicon .075 or more	United States	...	1,928	...
	United Kingdom	...	84	...
Galvanized	United States	794	...	...
	United Kingdom	38	...	...
Hot rolled -				
18 gauge and heavier	United States	3,982	1	47.7
	Belgium	39	...	...
	United Kingdom	...	...	10.7
Lighter than 18 gauge	United States	1,637	...	2.0
	Belgium	138	...	...
For hollow ware (vitreous enamel)	United States	449	...	...
Corrugated	United States	67	...	...
Coated with paint, tar, asphaltum, etc.	United States	122	...	...
For saws	United States	12	59	...
	United Kingdom	...	2	...
For cold rolled strip	United States	93	...	...
Shaped for agricultural implements	United States	180	...	...
For tubes	United States	89	...	...
Cold rolled -				
18 gauge and heavier	United States	780	...	116.4
	United Kingdom	249	...	2.4
Lighter than 18 gauge	United States	3,958	...	147.1
	United Kingdom	415	...	...
For hollow ware (vitreous enamel)	United States	1,049	...	...
	United Kingdom	407	...	...
Black plate - Tin mill	United States	2,101	...	...
Coated with paint, tar, asphaltum, etc.	United States	167	...	...
For tubes	United States	523	...	...
For tubular products	United States	6	...	...
For butt hinges	United States	22	...	...
Black plate - For tinning	United States	1,500	...	...
Sheets, hot rolled for conversion to tin plate	United States	2,721	...	...
Tin plate - Primes	United States	1,137	...	...
	United Kingdom	29	...	...
Electrolytic (25#) ..	United States	2,666	...	...
(50#) ..	United States	24	...	...
Terne plate - Long	United States	388	...	...
Short	United States	1,031	...	...

Table 5 - Imports into Canada of Primary Forms of Iron and Steel, January, 1949 (Continued)

Commodity	Country of Origin	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)				
Strip -				
Hot rolled -				
18 gauge and heavier	United States	1,456	3	1.4
	Belgium	8	...	...
Lighter than 18 gauge	United States	174	...	...
	United Kingdom	...	...	...
For cold rolling	United States	324	...	...
For barrel hoops	United States	...	...	...
Painted	United States	426	...	...
For shoe and corset laces, buckles, ball bearings, etc. .	United States	36	...	...
For saws	United States	22	26	...
For motor vehicles	United States	773	6	...
For hoops	United States	113	...	...
For tubes	United States	61	...	...
For tubular products	United States	14	...	...
Silicon .075 or more	United States	...	378	...
Cold rolled -				
18 gauge and heavier	United States	278	...	41.4
Lighter than 18 gauge	United States	505	...	101.7
	Sweden	7	...	.1
Painted	United States	86	...	...
For shoe and corset laces, buckles, ball bearings, etc. .	United States	73	...	...
For saws	United States	...	6	...
	Sweden	...	14	...
For tubes	United States	236	...	...
For tubular products	United States	56	...	...
For butt hinges	United States	231	...	...
Silicon .075 or more	United States	...	161	...
Galvanized strip	United States	767	...	...
Skelp -				
Over 15 $\frac{3}{8}$ " in width	United States	373	...	...
15 $\frac{3}{8}$ " and under in width	United States	5,645	...	...
	Belgium	3,038	...	...
Pipes and Tubes -				
Cast	United States	5	...	...
Bedstead	United States	15	...	...
Boiler -				
Hot finished	United States	868	43	...
Pulp mill digesters -				
Hot finished	United States	9	...	...
Cold drawn	United States	138	3	4.7
Welded	United States	66	...	...
Seamless, 12" and under in diameter - Cold drawn	United States	667	33	18.9
	United Kingdom	17	1	.6
Hot finished	United States	488	...	...
Seamless, over 12" in diameter -				
Hot finished	United States	87	...	...
Welded, 4" and under in diameter.	United States	1,762	...	3.9
	United Kingdom	214	...	...
Welded, over 4" in diameter	United States	337	...	.1
Tubing -				
Not over $\frac{1}{2}$ " diameter, welded and coated	United States	48	...	...
Casings	United States	2,433	...	...
Fittings and couplings	United States	184	...	1.0

Table 5 - Imports into Canada of Primary Forms of Iron and Steel, January, 1949 (Concluded)

Commodity	Country of Origin	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)		
Wire rope	United States	27	...	...
	United Kingdom	1	...	...
Wire -				
For wire rope	United States	2,345	...	.1
	United Kingdom	17	...	...
For corset laces, steels, etc. ..	United States	27	...	...
	United Kingdom	1	...	...
For spring mattress, etc.	United States	730	...	...
For fencing, galvanized	United States	25	...	...
Wire cloth and netting	United States	494	...	.3
	United Kingdom	16	...	...
Wire, coated	United States	92	...	...
Wire - All other	United States	1,323	...	6.5
Wire rods, not over $\frac{3}{8}$ " in diameter .	United States	30	...	...
Welding wire and welding rods	United States	199	32	4.6
Castings -				
For agricultural implements	United States	302	...	...
For ingot moulds	United States	1,360	...	...
Malleable	United States	42	...	...
Non-malleable	United States	192	...	...
Steel	United States	83	2	.4
For railway vehicles	United States	148	...	...
Rolls	United States	106	23	...
Piston rings (rough)	United States	37	...	...
Forgings	United States	93	107	...
	United Kingdom	59	...	...
Wheels -				
For railway rolling stock	United States	193	315	...
Tires -				
For railway rolling stock	United States	452	...	...
	United Kingdom	23	...	...
Rails -				
60 pounds and under	United States	53	...	...
Track material -				
Angle bars, tie plates, rail joints	United States	39	...	...
Intersections, switches, frogs ..	United States	24	...	...
Total Imports	United States	84,621	4,523	606.7
	All other	6,829	160	39.9
TOTAL		91,450	4,683	646.6

Table 6 - Exports from Canada of Primary Iron and Steel, January, 1949

	Tons of 2,000 pounds
Pig iron	1,071
Ingots, blooms and billets	4,049
Bars	2,514
Rods	114
Plates, sheets and strips	855
Rails	6,174
Structural shapes	29
Pipe and tubing - Wrought iron	56
Cast iron	12
Galvanized	921
Other	133
Castings, iron and steel	752
Forgings	148

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010680523