C-1

41 001

Published by Authority of the HON. JAMES A. MacKINNON, M.P.
Minister of Trade and Commerce

MC28-30-8-46
Price -
10 cents.

DOMINION BUREAU OF STATISTICS
SEP 7 1946
PROPERTY OF THE LIBRARY

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL STATISTICS
OTTAWA - CANADA

Dominion Statistician: Herbert Marshall, O.B.E., B.A., F.S.S.
Director - Division of Census of Industry and Merchandising: W.H. Losee, B.Sc.
Chief - Mining, Metallurgical and Chemical Statistics: H. McLeod, B.Sc.

Historical File Copy

MONTHLY REPORT

on

PRIMARY IRON AND STEEL IN CANADA

JUNE, 1946

Shipments of primary shapes by Canadian steel mills totalled 220,715 net tons in June compared with 270,061 net tons in May and 248,381 net tons in April. The June total included 33,514 tons of semi-finished shapes; 13,582 tons of structurals; 19,402 tons of plates; 12,364 tons of rails; 6,875 tons of track materials; 45,109 tons of bars; 8,564 tons of pipes and tubes; 21,783 tons of wire rods; 15,794 tons of black sheets; 6,239 tons of galvanized sheets; 461 tons of tool steel; 5,243 tons of castings, and 31,785 tons of other shapes.

Of the June shipments, 28,997 tons went direct to railways and railway car shops, 8,587 tons to pressing, forming and stamping plants; 20,461 tons to merchant trade products; 20,623 tons to building construction; 16,790 tons to the containers industry; 11,487 tons to agricultural equipment; 6,946 tons to the automotive industry; 11,147 tons to machinery plants; 4,920 tons to shipbuilding; 6,822 tons to mining, lumbering, etc., and 3,336 tons to miscellaneous industries. Wholesalers and warehousing accounted for 25,081 tons; producers' interchange for 46,829 tons, and exports for 8,689 tons.

Table 1 - PRODUCTION OF PIG IRON IN CANADA, JUNE, AND YEAR TO DATE, 1946.

	JUNE	YEAR TO DATE
	(Tons of 2,000 pounds)	
Basic	96,593	706,928
Foundry	20,808	96,227
Malleable	12,489	72,867
	129,890	876,022

Table 2 - PRODUCTION OF STEEL INGOTS AND CASTINGS IN CANADA, JUNE, AND YEAR TO DATE, 1946.

	JUNE		YEAR TO DATE	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Steel ingots - Open hearth	172,392	4,873	1,192,180	33,052
Electric	27,649	3,381	152,443	25,121
Total Ingots	200,041	8,254	1,344,623	58,173
Steel castings	4,945	1,096	38,627	7,725
TOTAL INGOTS AND CASTINGS	204,986	9,350	1,383,250	65,898

Table 3 - PRODUCTION IN CANADA AND PRODUCERS' SHIPMENTS OF PRIMARY IRON AND STEEL SHAPES, JUNE, AND YEAR TO DATE, 1946

	Carbon Steel		Alloy Steel	
	Made	Shipped	Made	Shipped
	(Tons of 2,000 pounds)			
JUNE, 1946				
Billets, etc., for forging	6,423	5,491	484	252
Other semi-finished shapes, not for re-rolling by makers	29,121	27,755	74	16
Structural shapes and piling	14,130	13,582	-	-
Plates	18,892	19,402	-	-
Rails	16,742	12,364	-	-
Tie plates and track material - (x) Splice bars Tie plates Spikes	6,166	6,875	-	-
Tool Steel	249	262	239	199
Hot rolled bars for forging	6,622	4,989	972	1,435
Concrete reinforcing bars	4,601	4,710	-	-
Hot rolled bars for cold finishing	186	196	-	-
Other hot rolled bars	31,352	31,370	2,403	2,409
Pipes and tubes	6,835	8,564	-	-
Wire rods	19,584	21,783	14	-
Hot rolled black sheets	16,258	14,433	-	-
Cold reduced black sheets	1,361	1,361	-	-
Galvanized sheets	5,799	6,239	-	-
Steel castings - Made by ingot makers	917	520	64	26
Made in other foundries	4,028	3,749	1,032	948
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	31,720	31,671	115	114
TOTAL ALL PRODUCTS	220,986	215,316	5,397	5,399
Six Months Ended JUNE, 1946				
Billets, etc., for forging	30,826	31,286	1,684	2,020
Other semi-finished shapes, not for re-rolling by makers	165,880	178,270	601	526
Structural shapes and piling	77,937	78,463	-	-
Plates	110,946	107,953	6	-
Rails	162,586	164,284	-	-
Tie plates and track material	44,771	47,111	-	-
Tool steel	1,337	1,245	1,254	1,200
Hot rolled bars for forging	33,034	29,664	12,428	12,739
Concrete reinforcing bars	25,796	24,894	-	-
Hot rolled bars for cold finishing	5,405	5,585	6	6
Other hot rolled bars	190,327	187,529	13,863	13,140
Pipes and tubes	66,788	74,255	-	-
Wire rods	134,838	138,786	103	83
Hot rolled black sheets	85,654	81,369	-	-
Cold reduced black sheets	10,342	10,342	-	-
Galvanized sheets	39,084	38,271	-	-
Steel castings - Made by ingot makers	23,935	23,520	6,879	6,228
Made in other foundries	14,205	12,719	1,216	1,117
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	189,204	187,898	772	769
TOTAL ALL PRODUCTS	1,412,895	1,423,444	38,812	37,828

(x) Breakdown of tie plates and track material not available on account of steel strike.

Table 4 - PRODUCERS' SHIPMENTS OF PRIMARY IRON AND STEEL SHAPES, SUBDIVIDED ACCORDING TO PRINCIPAL CONSUMING INDUSTRIES, JUNE AND YEAR TO DATE, 1946.

Industry	June		Year to Date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	4,271	2,675	27,927	19,846
Agricultural, including farm machinery	11,381	106	56,573	718
Building construction	20,478	145	95,530	326
Containers industry	16,777	13	92,191	55
Machinery and tools	10,781	366	49,003	3,376
Merchant trade products	20,429	32	137,936	261
Mining, lumbering, etc.	6,247	575	37,179	3,296
National defence	595	1	1,365	4
Pressing, forming and stamping	8,525	62	46,807	522
Public works and utilities	1,503	31	13,070	266
Railway operating	20,848	219	212,444	1,471
Railway cars and locomotives	7,862	68	84,692	1,476
Shipbuilding	4,900	20	28,978	154
Miscellaneous and unclassified	1,163	43	13,377	341
Sub-total	135,760	4,356	897,072	32,112
Wholesalers and warehouses	24,770	311	150,205	1,493
Producers' interchange	46,816	13	273,627	903
Direct export (a) to British Empire	3,557	43	65,841	475
(b) to other countries	4,413	676	36,699	2,845
TOTAL SHIPMENTS	215,316	5,399	1,423,444	37,828

Note: The above figures include steel castings shipped by all foundries.

Table 5 - IMPORTS OF PRIMARY FORMS OF IRON AND STEEL, JUNE AND YEAR TO DATE, 1946.

Commodity	Country of Origin	June			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(All figures in net tons of 2,000 pounds)					
Pig Iron -							
Foundry	U.S.A.	508	-	-	5,210	-	-
Malleable	U.S.A.	-	-	-	1,789	-	-
Silvery	U.S.A.	80	-	-	393	-	-
Ingots	U.S.A.	168	-	-	781	-	-
Blooms, billets and slabs	U.S.A.	96	-	-	416	6	-
	Sweden	-	-	-	6	-	-
Bars -							
Hot rolled	U.S.A.	2,734	769	8.2	17,008	2,617	47.6
	England	15	4	5.7	301	40	18.2
	Sweden	-	-	-	79	-	9.3
For agricultural implements	U.S.A.	675	-	-	4,833	1	-
Rounds over 4 7/8", squares over 4"	U.S.A.	92	23	-	626	53	-
	England	57	-	.3	154	-	.9
Angles, channels, etc	U.S.A.	195	-	.4	1,805	10	.7
Sash or casement sections	U.S.A.	273	-	-	804	-	-
Cold finished	U.S.A.	1,016	22	17.9	4,062	143	36.2
	England	-	-	6.2	-	-	14.3
Cold finished for agricultural implements	U.S.A.	721	-	-	721	-	-
Tool steel	U.S.A.	18	51	-	89	247	-
	England	28	108	-	72	269	-
	Sweden	-	-	-	-	7	-
Structurals	U.S.A.	4,169	-	-	31,041	23	-
	England	-	-	-	10	-	-

Table 5 - IMPORTS OF PRIMARY FORMS OF IRON AND STEEL, JUNE AND YEAR TO DATE, 1946 (Continued)

Commodity	Country of Origin	June			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
Plates -							
78" and under	U.S.A.	5,248	3	23.4	8,258	35	88.9
	England	-	-	2.2	-	-	3.2
Over 78" and under 100"	U.S.A.	1,262	-	-	6,430	-	-
Over 100"	U.S.A.	91	-	-	1,607	-	1.3
Flanges, dished or curved	U.S.A.	39	-	-	85	-	-
Boilers, pulp digesters, etc.	U.S.A.	84	-	-	731	1	-
Chequered, or surface pattern	U.S.A.	500	-	-	1,531	-	-
	England	-	-	-	168	-	-
For agricultural implements	U.S.A.	-	-	-	92	-	-
Cold rolled for saws	U.S.A.	-	1	-	-	1	-
Galvanized	U.S.A.	106	-	-	106	-	-
Stainless	England	-	-	-	-	-	5.0
Sheets -							
Silicon .075 or more	U.S.A.	-	948	-	-	7,302	-
Galvanized	U.S.A.	1,066	-	-	3,468	-	-
	England	-	-	-	106	-	-
Hot rolled -							
18 gauge and heavier	U.S.A.	4,084	-	-	29,513	-	-
Lighter than 18 gauge	U.S.A.	30	-	-	1,734	-	-
	England	290	-	-	290	-	-
For hollow ware (vitreous enamel)	U.S.A.	872	-	-	3,672	-	-
5¢ per pound and over	U.S.A.	5	-	-	41	3	-
Corrugated	U.S.A.	44	-	-	152	-	-
Coated with paint, asphaltum, vitreous enamel, etc.	U.S.A.	71	-	-	110	-	-
Shaped for agricultural implements	U.S.A.	173	25	-	476	56	-
For saws	U.S.A.	56	99	-	227	391	-
For cold rolled strip	U.S.A.	157	-	-	372	-	-
Stainless	U.S.A.	-	-	50.4	-	-	104.3
	England	-	-	17.7	-	-	57.6
Cold rolled -							
18 gauge and heavier	U.S.A.	1,156	-	-	5,814	-	-
Lighter than 18 gauge	U.S.A.	2,819	-	-	15,637	-	-
	England	29	-	-	256	-	-
For hollow ware (vitreous enamel)	U.S.A.	151	-	-	650	-	-
5¢ per pound and over	U.S.A.	-	-	-	1	-	-
Black plate (tin mill)	U.S.A.	1,480	-	-	9,515	-	-
For heating apparatus	U.S.A.	37	-	-	62	-	-
For saws	U.S.A.	-	-	-	4	-	-
	Sweden	-	-	-	4	1	-
For skelp	U.S.A.	445	-	-	1,825	-	-
Stainless	U.S.A.	-	-	228.0	-	-	768.1
	England	-	-	1.4	-	-	16.8
Black plate -							
For tinning	U.S.A.	6,437	-	-	29,053	-	-
Tin plate -							
Primes	U.S.A.	5,278	-	-	12,337	-	-
	England	28	-	-	142	-	-
Seconds	England	-	-	-	35	-	-
Waste waste	U.S.A.	88	-	-	215	-	-
Electrolytic - Primes	U.S.A.	-	-	-	107	-	-
Waste waste	U.S.A.	183	-	-	183	-	-
Terne plate -							
Long	U.S.A.	367	-	-	2,004	-	-
Short	U.S.A.	2,094	-	-	9,031	-	-

Table 5 - IMPORTS OF PRIMARY FORMS OF IRON AND STEEL, JUNE AND YEAR TO DATE, 1946 (continued)

Commodity	Country of Origin	June Carbon	June Alloy	June Stainless	Year to Date Carbon	Year to Date Alloy	Year to Date Stainless
		(All figures in net tons of 2,000 pounds)					
Strip -							
Hot rolled -							
18 gauge and heavier	U.S.A.	733	10	-	5,456	20	-
	Sweden	-	-	-	2	-	-
Lighter than 18 gauge	U.S.A.	103	-	-	893	332	-
	Sweden	-	-	-	12	-	-
For cold rolling	U.S.A.	251	-	-	3,823	-	-
For shoe and corset laces, buckles, ball bearings, etc.	U.S.A.	163	-	-	537	-	-
5¢ per pound and over	U.S.A.	7	-	-	23	14	-
Painted	U.S.A.	289	-	-	1,802	-	-
For saws	U.S.A.	2	26	-	44	105	-
For motor vehicles	U.S.A.	822	-	-	3,473	-	-
For barrel hoops	U.S.A.	53	-	-	292	-	-
Silicon .075 or more	U.S.A.	-	97	-	-	511	-
Stainless	U.S.A.	-	-	7.3	-	-	18.2
	England	-	-	.2	-	-	.2
Cold rolled -							
18 gauge and heavier	U.S.A.	333	-	-	1,532	-	-
Lighter than 18 gauge	U.S.A.	330	3	-	2,287	3	-
	Sweden	25	-	-	65	7	-
	England	26	-	-	26	-	-
For barrel hoops	U.S.A.	176	-	-	362	-	-
5¢ per pound and over	U.S.A.	-	-	-	5	-	-
For shoe and corset laces, etc.	U.S.A.	87	-	-	204	-	-
Painted	U.S.A.	27	-	-	172	-	-
For butt hinges	U.S.A.	-	-	-	84	-	-
For saws	U.S.A.	-	33	-	29	63	-
	Sweden	1	-	-	20	38	-
For motor vehicles	U.S.A.	-	-	-	1	-	-
For pipes and tubes	U.S.A.	50	-	-	193	-	-
Stainless	U.S.A.	-	-	152.0	-	-	566.6
	England	-	-	-	-	-	1.8
Silicon .075 or over	U.S.A.	-	87	-	-	134	-
Galvanized strip	U.S.A.	525	-	-	2,555	-	-
Skelp -							
Over 14" wide	U.S.A.	-	-	-	2,078	-	-
Under 14" wide	U.S.A.	-	-	-	22,202	-	-
Pipe -							
Cast	U.S.A.	4	-	-	23	-	-
Boiler and pulp mill digesters	U.S.A.	1,476	-	-	5,412	12	.3
Bedstead	U.S.A.	74	-	-	321	-	-
	England	1	-	-	1	-	-
Seamless	U.S.A.	589	32	10.6	2,787	70	50.8
	England	30	26	2.1	117	48	16.2
Wrought -							
More than 10½" diameter	U.S.A.	267	-	-	3,235	-	-
Under 10½" diameter	U.S.A.	741	23	1.7	6,652	23	8.0
	England	-	-	-	1	-	-
Stainless	U.S.A.	-	-	-	-	-	5.2
Tubing -							
Not over ½" diameter	U.S.A.	2	-	-	35	-	-
Casing	U.S.A.	107	-	-	1,920	-	-
Fittings and couplings	U.S.A.	142	-	.8	758	-	3.3

Table 5 - IMPORTS OF PRIMARY FORMS OF IRON AND STEEL, JUNE AND YEAR TO DATE, 1946 (Concluded)

Commodity	Country of Origin	June			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(All figures in net tons of 2,000 pounds)					
Wire rope	U.S.A.	5	-	1.6	146	-	1.6
	England	9	-	-	22	-	-
Wire -							
For wire rope	U.S.A.	615	-	-	3,603	-	.6
	England	533	-	-	1,793	-	.2
For fencing	U.S.A.	9	-	-	387	-	-
For corset laces, steels and stays	U.S.A.	13	-	-	94	-	-
For wire springs, mattress, etc.,	U.S.A.	-	-	-	97	-	-
Netting	U.S.A.	141	-	-	512	-	-
	England	27	-	-	70	-	-
Coated	U.S.A.	45	-	-	141	-	-
All other	U.S.A.	248	2	1.8	1,003	13	5.1
	England	-	-	-	2	-	-
Stainless	U.S.A.	-	-	-	-	-	.9
Wire rods	U.S.A.	17	-	-	540	-	-
Welding rods	U.S.A.	26	-	3.4	74	25	24.8
Castings -							
For agricultural implements	U.S.A.	86	-	-	860	-	-
For ingot moulds	U.S.A.	790	-	-	6,102	-	-
Malleable	U.S.A.	48	-	-	504	-	-
	England	2	-	-	4	-	-
Non-malleable	U.S.A.	209	-	-	1,361	-	-
Steel	U.S.A.	71	15	1.9	307	38	4.0
For railway vehicles	U.S.A.	167	-	-	529	-	-
Semi-finished piston	U.S.A.	3	-	-	58	-	-
Rolls	U.S.A.	214	79	-	1,069	454	-
Stainless	U.S.A.	-	-	-	-	-	10.5
Forgings	England	-	39	-	1	89	-
	U.S.A.	132	27	.2	794	134	1.0
Wheels -							
Cast iron	U.S.A.	405	-	-	496	-	-
	England	5	-	-	5	-	-
Pressed	England	-	-	-	621	-	-
	U.S.A.	24	-	-	30	-	-
Tires -							
Steel	U.S.A.	873	-	-	4,497	-	-
	England	37	-	-	331	64	-
Axles -							
For railway vehicles	U.S.A.	-	-	-	193	-	-
For all vehicles other than railways	U.S.A.	-	-	-	312	-	-
Rails -							
60 lbs. and under	U.S.A.	-	-	-	41	-	-
Over 60 lbs. and under 100 lbs.	U.S.A.	4	-	-	1,172	-	-
Over 100 lbs.	U.S.A.	9	-	-	56	-	-
Grooved - electric tramways	U.S.A.	154	-	-	1,194	-	-
Track material -							
Angle bars, tie plates, rail joints	U.S.A.	42	-	-	526	-	-
Intersections, switches, frogs	U.S.A.	-	-	-	10	-	-

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA
1010680504