41 001 C.1

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

MC28-15-5-46
Price - 10 cents

DOMINION BUREAU OF STATISTICS
MAY 31 1946
PROPERTY OF THE LIBRARY

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

Dominion Statistician: Herbert Marshall, B.A., F.S.S.
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.
Statistician - Metal and Chemical Products: H. McLeod, B.Sc.

Historical File Copy

MONTHLY REPORT

on

PRIMARY IRON AND STEEL IN CANADA

MARCH, 1946

Shipments of primary shapes by Canadian steel mills totalled 254,015 net tons in March compared with 224,855 tons in February and 243,245 tons in January. The March total included 37,564 tons of semi-finished shapes; 12,297 tons structurals; 18,766 tons plates; 31,237 tons rails; 10,388 tons track materials; 48,558 tons bars; 9,396 tons pipes and tubes; 25,764 tons wire rods; 14,448 tons black sheets; 6,264 tons galvanized sheets; 455 tons tool steel; 7,984 tons castings, and 30,844 tons other shapes.

Of the March shipments, 55,482 tons went direct to railways and railway car shops; 25,097 to merchant trade products; 16,595 to building construction; 15,431 to the containers industry; 11,831 tons to agricultural equipment; 7,764 to the automotive industry; 7,710 to machinery plants; 4,499 to shipbuilding; 7,609 to mining, lumbering, etc., and 4,255 tons to miscellaneous industries. Wholesalers and warehousing accounted for 24,979 tons, producers' interchange for 49,359 tons and exports for 15,844 tons.

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

	March	Year to Date
	(Tons of 2,000 pounds)	
Basic	124,477	360,555
Foundry	15,892	46,714
Malleable	17,680	37,636
TOTAL	158,049	444,905

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

	March		Year to Date	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Steel ingots - Open hearth	205,778	3,606	607,775	13,441
Electric	26,609	4,596	71,198	10,927
Total Ingots	232,387	8,202	678,973	24,368
Steel castings	7,173	1,355	20,221	4,071
TOTAL INGOTS AND CASTINGS	239,560	9,557	699,194	28,439

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

	Carbon Steel		Alloy Steel	
	Made	Shipped	Made	Shipped
	(Tons of 2,000 pounds)			
March, 1946				
Billets, etc., for forging	4,566	6,489	86	308
Other semi-finished shapes, not for re-rolling by makers	27,286	30,762	4	5
Structural shapes and piling	11,043	12,297	...	...
Plates	19,576	18,766	...	...
Rails	29,179	31,287	...	...
Tie plates and track material	9,287	10,388	...	...
Tool steel	287	240	215	215
Hot rolled bars for forging	5,512	5,789	1,052	1,561
Concrete reinforcing bars	5,000	4,792	...	...
Hot rolled bars for cold finishing	830	875	2	2
Other hot rolled bars	32,088	33,387	2,154	2,152
Pipes and tubes	5,222	9,396	...	...
Wire rods	24,887	25,759	3	5
Hot rolled black sheets	14,950	12,630	...	...
Cold reduced black sheets	1,818	1,818	...	...
Galvanized sheets	5,718	6,264	...	...
Steel castings - Made by ingot makers	4,764	4,854	1,462	1,349
Made in other foundries	2,234	1,733	54	48
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	30,712	30,699	128	145
TOTAL, ALL PRODUCTS	234,959	248,225	5,160	5,790
Three Months Ended March, 1946				
Billets, etc., for forging	14,409	15,010	367	974
Other semi-finished shapes, not for re-rolling by makers	81,899	83,652	151	149
Structural shapes and piling	35,371	37,331	...	...
Plates	54,052	50,833	6	...
Rails	91,115	89,756	...	...
Tie plates and track material	22,722	25,292	...	...
Tool steel	609	546	522	529
Hot rolled bars for forging	15,291	14,983	5,532	6,341
Concrete reinforcing bars	11,845	11,537	...	...
Hot rolled bars for cold finishing	2,809	3,004	6	6
Other hot rolled bars	91,576	91,380	6,647	6,433
Pipes and tubes	36,870	40,560	...	...
Wire rods	69,245	69,973	68	47
Hot rolled black sheets	38,057	35,306	...	...
Cold reduced black sheets	6,272	6,272	...	...
Galvanized sheets	19,975	19,753	...	...
Steel castings - Made by ingot makers	13,523	13,746	4,099	3,757
Made in other foundries	6,409	5,120	133	112
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	91,748	89,346	347	361
TOTAL, ALL PRODUCTS	703,797	703,400	17,928	18,715

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

Industry	March		Three Months Ended March	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	5,056	2,608	14,113	9,236
Agricultural, including farm machinery	11,673	158	29,533	403
Building construction	16,529	66	40,263	116
Containers industry	15,424	7	42,403	23
Machinery and tools	7,040	670	20,829	1,899
Merchant trade products	25,079	18	70,013	103
Mining, lumbering, etc.	7,024	585	19,554	1,530
National defence	44	...	409	2
Pressing, forming and stamping	7,485	175	21,693	312
Public works and utilities	1,467	89	7,071	177
Railway operating	40,066	315	108,539	895
Railway cars and locomotives	14,793	308	44,968	1,154
Shipbuilding	4,480	19	13,025	72
Miscellaneous and unclassified	2,591	64	8,107	181
Sub-total	158,751	5,082	440,520	16,103
Wholesalers and warehouses	24,312	167	73,990	687
Producers' interchange	49,328	31	119,867	492
Direct export (a) To British Empire	8,575	12	43,613	182
(b) To other countries	6,759	498	25,410	1,251
TOTAL SHIPMENTS	248,225	5,790	703,400	18,715

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

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

Commodity	Country of Origin	March			Three Months Ended March		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(All figures in Net Tons of 2,000 pounds)					
Pig Iron -							
Foundry	U.S.A.	1,161	...	...	2,029	...	...
Malleable	U.S.A.	522	...	...	522	...	...
Ingots	U.S.A.	199	...	...	371	...	...
Blooms, billets and slabs	U.S.A.	...	...	...	42	6	...
Bars -							
Hot rolled	U.S.A.	2,462	446	2.6	7,864	685	30.2
	England	59	19	5.3	144	21	12.3
	Sweden	...	...	...	3	...	...
For agricultural implements	U.S.A.	877	...	...	1,459	...	...
Rounds over 4 7/8", squares over 4"	U.S.A.	28	9	...	364	22	...
	England	19	...	...	97	...	...
Angles, channels, etc.	U.S.A.	435	...	...	946	10	0.1
Sash or casement sections	U.S.A.	69	...	...	309	...	...
Cold finished	U.S.A.	589	1	2.5	1,870	82	10.9
	England	...	...	3.0	...	...	6.5
Tool steel	U.S.A.	9	49	...	32	109	...
	England	13	34	...	24	84	...
	Sweden	...	...	...	...	7	...
Structurals	U.S.A.	3,824	...	...	11,881	...	...
Plates -							
78" and under	U.S.A.	588	...	8.5	999	10	27.7
Over 78" and under 100"	U.S.A.	1,514	...	...	1,653	...	...
Over 100"	U.S.A.	10	...	...	398	...	...
Flanged, dished or curved	U.S.A.	7	...	...	25	...	...
Boiler, pulp digesters, etc.	U.S.A.	21	1	...	125	1	...
Chequered or surface pattern	U.S.A.	94	...	...	400	...	...
For agricultural implements	U.S.A.	10	...	...	92	...	...
Stainless	England	...	...	5.0	...	...	5.0

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

Commodity	Country of Origin	March			Three Months Ended March		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(All figures in Net Tons of 2,000 pounds)					
Sheets -							
Silicon .075 or more	U.S.A.	...	1,373	...	...	3,498	...
Galvanized	U.S.A.	329	...	...	997	...	...
Hot rolled -							
18 gauge and heavier	U.S.A.	4,402	...	...	13,257	...	...
Lighter than 18 gauge	U.S.A.	50	...	...	1,156	...	...
For hollow ware (vitreous enamel)	U.S.A.	511	...	...	1,567	...	...
5¢ per pound and over	U.S.A.	4	...	...	27	3	...
Corrugated	U.S.A.	29	...	...	73	...	...
Coated with paint, asphaltum, vitreous enamel, etc.	U.S.A.	33	...	...	38	...	...
Shaped for agricultural implements	U.S.A.	...	...	...	33	...	...
For saws	U.S.A.	46	...	...	61	144	...
Stainless	U.S.A.	...	...	6	...	...	26.7
	England	...	...	13.8	...	...	17.5
Cold rolled -							
18 gauge and heavier	U.S.A.	414	...	...	2,096	...	...
Lighter than 18 gauge	U.S.A.	1,885	...	...	6,779	...	...
For hollow ware (vitreous enamel)	U.S.A.	163	...	...	299	...	...
5¢ per pound and over	U.S.A.	...	...	...	1	...	...
Black plate (tin mill)	U.S.A.	1,492	...	...	4,549	...	...
For heating apparatus	U.S.A.	...	...	...	25	...	...
For saws	U.S.A.	3	...	...	3	...	...
	Sweden	...	...	...	4	1	...
For skelp	U.S.A.	219	...	...	585	...	...
Stainless	U.S.A.	...	...	86.3	...	...	239.3
	England	...	...	1.6	...	...	12.0
Black plate -							
For tinning	U.S.A.	722	...	...	3,983	...	...
Tin plate -							
Primes	U.S.A.	445	...	...	1,565	...	...
	England	47	...	...	70	...	...
Seconds	England	8	...	...	8	...	...
Waste waste	U.S.A.	29	...	...	29	...	...
Electrolytic - Primes	U.S.A.	5	...	...	5	...	...
Terne plate -							
Long	U.S.A.	212	...	...	422	...	...
Short	U.S.A.	1,109	...	...	4,119	...	...
Strip -							
Hot rolled -							
18 gauge and heavier	U.S.A.	1,040	...	...	2,891	10	...
	Sweden	...	...	...	2	...	...
Lighter than 18 gauge	U.S.A.	339	...	...	537	332	...
	Sweden	...	...	...	12	...	...
For cold rolling	U.S.A.	125	...	...	1,929	...	...
For shoe and corset laces, buckles, ball bearings, etc.	U.S.A.	3	...	...	102	...	...
5¢ per pound and over	U.S.A.	1	...	...	14	14	...
Painted	U.S.A.	323	...	...	1,017	...	...
For saws	U.S.A.	16	6	...	39	37	...
For motor vehicles	U.S.A.	384	...	...	1,068	...	...
For barrel hoops	U.S.A.	...	...	...	44	...	...
Stainless	U.S.A.	...	...	...	...	...	2.5
Silicon .075 or more	U.S.A.	...	76	...	...	76	...

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

Commodity	Country of Origin	March			Three Months Ended March		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(All figures in Net Tons of 2,000 pounds)					
Strip -							
Cold rolled -							
18 gauge and heavier	U.S.A.	119	...	...	763	...	...
Lighter than 18 gauge	U.S.A.	351	...	...	1,005	...	...
	Sweden	1	...	...	1	...	...
For barrel hoops	U.S.A.	8	...	...	165	...	...
5¢ per pound and over	U.S.A.	...	...	...	5	...	...
For shoe and corset laces, etc.	U.S.A.	19	...	...	84	...	...
Painted	U.S.A.	13	...	...	48	...	...
For butt hinges	U.S.A.	...	...	...	1	...	...
For saws	Sweden	...	3	...	9	6	...
	U.S.A.	1	6	...	7	13	...
For motor vehicles	U.S.A.	...	...	...	1	...	...
For pipes and tubes	U.S.A.	39	...	...	87	...	...
Stainless	U.S.A.	...	...	66.5	...	...	222.2
	England	...	...	1.0	...	...	1.6
Galvanized strip	U.S.A.	351	...	...	1,008	...	...
Skelp -							
Over 14" wide	U.S.A.	...	...	...	1,540	...	...
Under 14" wide	U.S.A.	590	...	...	13,457	...	...
Pipe -							
Cast	U.S.A.	...	...	...	12	...	...
Boiler and pulp mill digesters	U.S.A.	492	...	0.1	1,779	9	0.1
Bedstead	U.S.A.	24	...	...	120	...	...
Seamless	U.S.A.	324	5	3.6	1,194	19	19.4
	England	19	3	2.3	42	6	5.2
Wrought -							
More than 10½" diameter	U.S.A.	35	...	...	197	...	...
Under 10½" diameter	U.S.A.	322	...	4.3	5,079	...	6.3
	England	1	...	...	1	...	...
Tubing -							
Not over ½" diameter	U.S.A.	1	...	...	14	...	...
Casing	U.S.A.	228	...	...	716	...	...
Fittings and couplings	U.S.A.	114	...	1.0	319	...	1.4
Wire rope	U.S.A.	5	...	...	44	...	...
	England	...	...	...	13	...	...
Wire -							
For wire rope	U.S.A.	324	...	...	1,403	...	0.6
	England	214	...	...	894	...	...
For fencing	U.S.A.	20	...	...	274	...	...
For corset laces, steels and stays	U.S.A.	13	...	...	42	...	...
Netting	U.S.A.	25	...	...	134	...	...
	England	7	...	...	7	...	...
All other	U.S.A.	132	...	.5	534	1	1
Wire rods	U.S.A.	67	...	...	114	...	...
Welding rods	U.S.A.	9	4	9.1	35	16	17.7
Castings -							
For agricultural implements	U.S.A.	227	...	...	437	...	...
For ingots moulds	U.S.A.	1,487	...	...	2,035	...	...
Malleable	U.S.A.	106	...	...	394	...	...
	England	...	...	...	2	...	...
Non-malleable	U.S.A.	183	...	...	644	...	...
Steel	U.S.A.	23	...	...	117	11	1.5
For railway vehicles	U.S.A.	1	...	...	224	...	...

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

Commodity	Country of Origin	March			Three Months Ended March		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(All figures in Net Tons of 2,000 pounds)					
Castings (Con.) -							
Semi-finished piston	U.S.A.	8	...	...	26	...	...
Rolls	U.S.A.	182	25	...	528	221	...
Stainless	U.S.A.	...	...	5.3	...	...	10.2
Forgings	England	...	...	...	1	29	...
	U.S.A.	97	29	.5	427	43	.5
Wheels -							
Cast iron	U.S.A.	42	...	...	91	...	...
Pressed	England	...	...	...	621	...	...
	U.S.A.	...	...	...	6	...	...
Tires -							
Steel	U.S.A.	526	...	...	2,274	...	...
	England	...	...	...	253	64	...
Axles -							
For railway vehicles	U.S.A.	...	...	...	112	...	...
For all vehicles other than railway	U.S.A.	...	...	...	312	...	...
Rails -							
60 pounds and under	U.S.A.	37	...	...	37	...	...
Over 60 pounds and under 100 pounds	U.S.A.	738	...	...	1,011	...	...
Grooved - electric tramways	U.S.A.	338	...	...	708	...	...
Track material -							
Angle bars, tie plates, rail joints	U.S.A.	104	...	...	261	...	...
Intersections, switches, frogs	U.S.A.	...	...	...	10	...	...

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA
1010680501