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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.

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MONTHLY REPORT

ON

PRIMARY IRON AND STEEL IN CANADA

JULY, 1946

Shipments of primary shapes by Canadian steel mills totalled 126,763 net tons in July compared with 220,715 net tons in June and 270,061 net tons in May. The July total included 13,635 tons of semi-finished shapes; 6,078 tons of structurals; 9,644 tons of plates; 1,907 tons of rails; 1,836 tons of track materials; 28,002 tons of bars; 10,289 tons of pipes and tubes; 12,737 tons of wire rods; 9,006 tons of black sheets; 3,264 tons of galvanized sheets; 382 tons of tool steel; 4,975 tons of castings, and 29,983 tons of other shapes.

Of the July shipments, 12,690 tons went direct to railways and railway car shops, 5,789 tons to pressing, forming and stamping plants; 15,429 tons to merchant trade products; 12,659 tons to building construction; 11,861 tons to the containers industry; 2,926 tons to agricultural equipment; 5,180 tons to the automotive industry; 6,487 tons to machinery plants; 2,455 tons to shipbuilding; 3,992 tons to mining, lumbering, etc., and 2,675 tons to miscellaneous industries. Wholesalers and warehousing accounted for 16,926 tons; producers' interchange for 24,964 tons, and exports for 2,730 tons.

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

	July	Year to date
	(Tons of 2,000 pounds)	
Basic	52,678	759,606
Foundry	7,080	103,307
Malleable	4,714	77,581
TOTAL	64,472	940,494

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

	July		Year to Date	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Steel ingots - Open hearth	99,164	4,647	1,291,344	37,699
Electric	22,637	4,306	175,080	29,427
Total Ingots	121,801	8,953	1,466,424	67,126
Steel castings	4,018	1,041	42,645	8,766
TOTAL INGOTS AND CASTINGS	125,819	9,994	1,509,069	75,892

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

	Carbon Steel		Alloy Steel	
	Made	Shipped	Made	Shipped
	(Tons of 2,000 pounds)			
JULY, 1946				
Billets, etc., for forging	3,330	4,209	367	451
Other semi-finished shapes, not for re-rolling by makers	10,213	8,872	145	103
Structural shapes and piling	4,164	6,078	...	...
Plates	12,685	9,644	...	...
Rails	7,114	1,907	...	...
Tie plates and track material -				
Splice bars	...	34	...	...
Tie plates	1,016	1,316	...	...
Spikes	214	486	...	...
Tool Steel	171	182	208	200
Hot rolled bars for forging	2,959	2,920	507	826
Concrete reinforcing bars	5,718	4,382	...	...
Hot rolled bars for cold finishing	357	357	167	71
Other hot rolled bars	19,020	18,349	1,120	1,097
Pipes and tubes	7,747	10,289	...	...
Wire rods	11,494	12,737	...	...
Hot rolled black sheets	3,996	7,538	...	...
Cold reduced black sheets	1,468	1,468	...	...
Galvanized sheets	2,824	3,264	...	...
Steel castings - Made by ingot makers	743	774	23	26
Made in other foundries	3,275	3,210	1,018	965
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	25,359	24,868	153	140
TOTAL	123,867	122,884	3,708	3,879
Seven Months Ended July, 1946				
Billets, etc., for forging	34,156	35,495	2,051	2,471
Other semi-finished shapes, not for re-rolling by makers	176,093	187,142	746	629
Structural shapes and piling	82,101	84,541	...	...
Plates	123,631	117,597	6	...
Rails	169,700	166,191	...	...
Tie plates and track material	46,001	48,950	...	...
Tool steel	1,508	1,427	1,462	1,400
Hot rolled bars for forging	35,993	32,584	12,935	13,565
Concrete reinforcing bars	31,514	29,276	...	...
Hot rolled bars for cold finishing	5,762	5,942	173	77
Other hot rolled bars	209,347	205,878	14,983	14,237
Pipes and tubes	74,535	84,544	...	...
Wire rods	146,332	151,523	103	83
Hot rolled black sheets	89,650	88,907	...	...
Cold reduced black sheets	11,810	11,810	...	...
Galvanized sheets	41,908	41,535	...	...
Steel castings - Made by ingot makers	24,678	24,294	6,902	6,254
Made in other foundries	17,480	15,929	2,234	2,082
All other shapes, including tin plate, tin mill black plate, cold finished bars and strips, etc.	214,563	212,766	925	909
TOTAL	1,536,762	1,540,331	42,520	41,707

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

Industry	July		Year to Date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	3,170	2,010	31,097	21,856
Agricultural, including farm machinery	2,911	15	59,484	733
Building construction	12,633	26	108,163	352
Containers industry	11,857	4	104,048	59
Machinery and tools	6,094	393	55,097	3,769
Merchant trade products	15,341	88	153,277	349
Mining, lumbering, etc.	3,576	416	40,755	3,712
National defence	198	2	1,563	6
Pressing, forming and stamping	5,723	66	52,530	588
Public works and utilities	1,723	52	14,792	318
Railway operating	7,136	72	219,580	1,543
Railway cars and locomotives	5,440	42	90,132	1,518
Shipbuilding	2,410	45	31,388	199
Miscellaneous and unclassified	657	43	14,034	384
Sub-total	78,869	3,274	975,941	35,386
Wholesalers and warehouses	16,796	130	167,001	1,623
Producers' interchange	24,837	127	298,464	1,030
Direct export (a) to British Empire	2,101	66	67,942	541
(b) to other countries	281	282	36,980	3,127
TOTAL	122,884	3,879	1,546,328	41,707

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

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

Commodity	Country of Origin	July			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(All figures in net tons of 2,000 pounds)					
Pig Iron -							
Foundry	U.S.A.	206	...	...	5,416	...	...
Malleable	U.S.A.	...	...	...	1,789	...	...
Silvery	U.S.A.	29	...	...	422	...	...
Ingots	U.S.A.	42	...	...	823	...	...
Blooms, billets and slabs	U.S.A.	...	1	...	416	7	...
	Sweden	...	...	...	6	...	...
Bars -							
Hot rolled	U.S.A.	2,443	605	.6	19,451	3,222	48.2
	England	1	...	3.4	302	40	21.6
	Sweden	...	...	...	79	...	9.3
For agricultural implements	U.S.A.	868	...	...	5,701	1	...
Rounds over 4 7/8", squares over 4"	U.S.A.	74	14	...	700	67	...
	England	...	...	.3	154	...	1.2
Angles, Channels, etc.	U.S.A.	148	...	1.0	1,953	10	1.7
Sash or casement sections	U.S.A.	520	...	...	1,324	...	...
Cold finished	U.S.A.	1,300	8	8.0	5,362	151	44.2
	England	13	...	.6	13	...	14.9
Cold finished for agricultural implements	U.S.A.	635	...	...	1,356	...	...
Tool steel	U.S.A.	10	41	...	99	288	...
	England	16	23	...	88	292	...
	Sweden	...	...	...	...	7	...
Structurals	U.S.A.	6,926	...	...	37,967	23	...
	England	...	...	...	10	...	...

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

Commodity	Country of Origin	July			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(All figures in net tons of 2,000 pounds)					
Plates -							
78" and under	U.S.A.	2,862	1	47.3	11,120	36	136.2
	England	...	...	...	...	...	3.2
Over 78" and under 100"	U.S.A.	922	...	10.5	7,352	...	10.5
Over 100"	U.S.A.	97	...	3.1	1,704	...	4.4
Flanges, dished or curved	U.S.A.	26	...	...	111	...	...
Boilers, pulp digesters, etc.	U.S.A.	340	...	...	1,071	...	...
Chequered, or surface pattern	U.S.A.	461	...	...	1,992	1	...
	England	...	...	...	168	...	...
For agricultural implements	U.S.A.	...	...	...	92	...	...
Cold rolled for saws	U.S.A.	...	...	...	...	1	...
Galvanized	U.S.A.	...	...	...	106	...	...
Stainless	England	...	...	...	...	...	5.0
Sheets -							
Silicon .075 or more	U.S.A.	...	1,612	...	...	8,914	...
Galvanized	U.S.A.	560	...	...	4,028	...	...
	England	...	...	...	106	...	...
Hot rolled -							
18 gauge and heavier	U.S.A.	3,126	...	...	32,639	...	...
Lighter than 18 gauge	U.S.A.	131	...	...	1,865	...	...
	England	120	...	...	410	...	...
For hollow ware (vitreous enamel)	U.S.A.	269	...	...	3,941	...	...
	England	89	...	...	89	...	...
5¢ per pound and over	U.S.A.	1	...	...	42	3	...
Corrugated	U.S.A.	44	...	...	196	...	...
Coated with paint, asphaltum, vitreous enamel, etc.	U.S.A.	9	...	...	119	...	...
Shaped for agricultural implements	U.S.A.	214	53	...	690	109	...
For saws	U.S.A.	27	80	...	254	471	...
For cold rolled strip	U.S.A.	43	...	...	415	...	...
Stainless	U.S.A.	...	...	15.4	...	...	119.7
	England	...	...	5.8	...	...	63.4
Cold rolled -							
18 gauge and heavier	U.S.A.	318	...	...	6,632	...	...
Lighter than 18 gauge	U.S.A.	2,102	...	...	17,739	...	...
	England	...	...	...	256	...	...
For hollow ware (vitreous enamel)	U.S.A.	42	...	...	692	...	...
5¢ perpound and over	U.S.A.	...	...	...	1	...	...
Black plate (tin mill)	U.S.A.	853	...	...	10,368	...	...
For heating apparatus	U.S.A.	...	...	...	62	...	...
For saws	U.S.A.	...	2	...	4	2	...
	Sweden	...	1	...	4	2	...
For skelp	U.S.A.	...	...	...	1,825	...	...
Stainless	U.S.A.	...	...	155.3	...	...	923.4
	England	...	...	...	...	...	16.8
Black plate -							
For tinning	U.S.A.	4,427	...	...	33,480	...	...
Tin plate -							
Primes	U.S.A.	3,907	...	...	16,244	...	...
	England	21	...	...	163	...	...
Seconds	England	...	...	...	35	...	...
Waste waste	U.S.A.	...	...	...	215	...	...
Electrolytic - Primes (25#)	U.S.A.	2	...	...	2	...	...
Primes (50#)	U.S.A.	...	...	...	107	...	...
Waste waste	U.S.A.	...	...	...	183	...	...
Terne plate -							
Long	U.S.A.	233	...	...	2,227	...	...
Short	U.S.A.	1,040	...	...	10,071	...	...

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

Commodity	Country of Origin	July			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(All figures in net tons of 2,000 pounds)					
Strip -							
Hot rolled -							
18 gauge and heavier	U.S.A.	838	4	...	6,294	24	...
	England	41	...	...	41	...	...
	Sweden	...	...	...	2	...	...
Lighter than 18 gauge	U.S.A.	71	...	...	964	332	...
	Sweden	...	...	...	12	...	...
For cold rolling	U.S.A.	523	...	...	4,346	...	...
For shoe and corset laces, buckles, ball bearings, etc.	U.S.A.	60	...	...	597	...	...
5¢ per pound and over	U.S.A.	5	...	...	28	14	...
Painted	U.S.A.	233	...	...	2,035	...	...
For saws	U.S.A.	8	32	...	52	137	...
For motor vehicles	U.S.A.	245	...	...	3,718	...	...
For barrel hoops	U.S.A.	...	...	...	292	...	...
Silicon .075 or more	U.S.A.	...	56	...	...	567	...
Stainless	U.S.A.	...	...	.2	...	...	18.4
	England	...	...	...	...	...	.2
Cold rolled -							
18 gauge and heavier	U.S.A.	96	...	...	1,628	...	...
Lighter than 18 gauge	U.S.A.	681	6	...	2,968	9	...
	Sweden	16	...	...	81	7	...
	England	...	...	...	26	...	...
For barrel hoops	U.S.A.	215	...	...	577	...	...
5¢ per pound and over	U.S.A.	...	...	...	5	...	...
For shoe and corset laces, etc.	U.S.A.	29	...	...	233	...	...
Painted	U.S.A.	9	...	...	181	...	...
For butt hinges	U.S.A.	...	...	...	84	...	...
For saws	U.S.A.	2	15	...	31	78	...
	Sweden	6	...	...	26	38	...
For motor vehicles	U.S.A.	...	...	...	1	...	...
For pipes and tubes	U.S.A.	22	...	...	215	...	...
Stainless	U.S.A.	...	...	120.1	...	...	686.7
	England	...	...	.4	...	...	2.2
Silicon .075 or over	U.S.A.	...	210	...	...	344	...
Galvanized strip	U.S.A.	414	...	...	2,969	...	...
Skelp -							
Over 14" wide	U.S.A.	1,063	...	...	3,141	...	...
Under 14" wide	U.S.A.	4,371	...	...	26,573	...	...
Pipe -							
Cast	U.S.A.	9	...	...	32	...	...
Boiler and pulp mill digesters	U.S.A.	1,328	23	1.0	6,740	35	1.3
Bedstead	U.S.A.	...	...	...	321	...	...
	England	...	...	...	1	...	...
Seamless	U.S.A.	482	20	12.7	3,269	90	63.5
	England	14	11	.5	131	59	16.7
Wrought -							
More than 10½" diameter	U.S.A.	396	...	...	3,631	...	...
Under 10½" diameter	U.S.A.	510	1	7.4	7,162	24	15.4
	England	...	...	...	1	...	...
Stainless	U.S.A.	...	...	...	...	...	5.2
Tubing -							
Not over ½" diameter	U.S.A.	6	...	...	41	...	...
Casing	U.S.A.	147	...	...	2,067	...	...
Fittings and couplings	U.S.A.	145	...	1.2	903	...	4.5

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

Commodity	Country of Origin	July			Year to Date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(All figures in net tons of 2,000 pounds)					
Wire rope	U.S.A.	37	...	.1	183	...	1.7
	England	2	...	...	24	...	...
Wire -							
For wire rope	U.S.A.	551	...	2.0	4,154	...	2.6
	England	66	...	...	1,859	...	.2
For fencing	U.S.A.	45	...	...	432	...	...
For corset laces, steels and stays	U.S.A.	11	...	...	105	...	...
For wire springs, mattress, etc.	U.S.A.	113	...	...	210	...	...
Netting	U.S.A.	72	...	.1	584	...	.1
	England	8	...	...	78	...	...
Coated	U.S.A.	88	...	...	229	...	...
All other	U.S.A.	92	...	2.2	1,095	13	5.3
	England	...	...	...	2	...	...
Stainless	U.S.A.	...	...	...	...	...	.9
Wire rods	U.S.A.	90	...	1.0	630	...	1.0
Welding rods	U.S.A.	28	4	3.6	102	29	28.4
Castings -							
For agricultural implements	U.S.A.	48	...	...	908	...	...
For ingot moulds	U.S.A.	1,512	...	...	7,614	...	...
Malleable	U.S.A.	46	...	...	550	...	...
	England	...	...	...	4	...	...
Non-malleable	U.S.A.	132	...	...	1,493	...	...
Steel	U.S.A.	29	8	...	336	46	4.0
For railway vehicles	U.S.A.	137	...	...	666	...	...
Semi-finished piston	U.S.A.	10	...	...	68	...	...
Rolls	U.S.A.	146	64	...	1,215	518	...
	England	2	...	...	2	...	...
Stainless	U.S.A.	...	...	...	...	...	10.5
Forgings	England	...	...	...	1	89	...
	U.S.A.	149	8	.1	943	142	1.1
Wheels -							
Cast iron	U.S.A.	109	...	...	605	...	...
	England	383	...	...	388	...	...
Pressed	England	...	...	...	621	...	...
	U.S.A.	22	...	...	52	...	...
Tires -							
Steel	U.S.A.	702	...	...	5,199	...	...
	England	387	...	...	718	64	...
Axles -							
For railway vehicles	U.S.A.	31	...	...	224	...	...
For all vehicles other than railways	U.S.A.	67	...	...	379	...	...
Rails -							
60 lbs. and under	U.S.A.	...	...	...	41	...	...
Over 60 lbs. and under 100 lbs.	U.S.A.	268	...	...	1,440	...	...
Over 100 lbs.	U.S.A.	20	...	...	76	...	...
Grooved - electric tramways	U.S.A.	8	...	...	1,202	...	...
Track material -							
Angle bars, tie plates, rail joints	U.S.A.	731	...	...	1,257	...	...
Intersections, switches, frogs	U.S.A.	12	...	...	22	...	...