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PRIMARY IRON AND STEEL

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JULY - 1950

Pig iron - Production of pig iron in Canada amounted to 194,016 tons in July compared with 175,381 tons in the corresponding month of last year. The total for the current month included 161,002 tons of basic iron, 13,917 tons of foundry iron and 19,097 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in July amounted to 16,118 tons compared with 15,350 tons in the previous month and with 14,280 tons in July of a year ago. The following alloys were produced: ferrosilicon, silicomanganese, ferro-manganese, ferrochrome, chrom-x and ferrophosphorus.

Steel ingots and castings - Production of steel ingots and steel castings during July totalled 264,190 tons compared with 238,830 tons in July of last year. Output in the month under review included 259,025 tons of ingots and 5,165 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During June and July, 1950

	J u n e			J u l y		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<u>Pig iron -</u>						
Basic .....	141,604	12,358	153,962	146,802	14,200	161,002
Foundry .....	85	18,300	18,385	881	13,036	13,917
Malleable .....	...	26,115	26,115	...	19,097	19,097
Total Pig Iron ...	141,689	56,773	198,462	147,683	46,333	194,016
<u>Ferro-alloys</u> .....	...	15,350	15,350	...	16,118	16,118

Table 2 - Cumulative Production for the Seven Months Ended July, 1949 and 1950

	1 9 4 9			1 9 5 0		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<u>Pig iron -</u>						
Basic .....	1,048,061	47,583	1,095,644	976,301	42,046	1,018,347
Foundry .....	2,429	114,891	117,320	2,048	118,253	120,301
Malleable .....	...	97,488	97,488	223	157,335	157,558
Total Pig Iron ...	1,050,490	259,962	1,310,452	978,572	317,634	1,296,206
<u>Ferro-alloys</u> .....	...	144,724	144,724	...	95,572	95,572

Table 3 - Iron Blast Furnace Charges During June and July, 1950 and Seven Months Ended July, 1950

	June	July	Seven months ended July
		(Net tons of 2,000 pounds)	
Iron ore .....	346,443	347,052	2,335,403
Mill cinder, scale, sinter, etc. .	46,734	37,936	235,114
Limestone .....	71,696	71,270	479,379
Dolomite .....	11,915	12,465	88,163
Coke .....	177,453	171,904	1,207,196
Scrap iron and steel .....	9,928	8,960	53,296

Note: This report was prepared in the Mining, Metallurgical and Chemical Section.

Table 4 - Iron Blast Furnaces

Name of company	Location of furnaces	Number of stacks	Total annual capacity (net tons)
Dominion Steel and Coal Corp. Ltd.	Sydney, Nova Scotia	4	730,000
Canadian Furnace Limited .....	Port Colborne, Ontario	2	223,000
The Steel Company of Canada, Ltd.	Hamilton, Ontario	3	757,000
The Algoma Steel Corporation .....	Sault Ste. Marie, Ontario	5	1,055,000
	Total .....	14	2,745,000

Table 5 - Description of Iron Blast Furnaces at end of July, 1950

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	11	2,386,950	86.9
Banked .....	...	...	...
Blown out .....	3	358,050	13.1
Total .....	14	2,745,000	100.0

## (b) Steel Ingots and Steel Castings

Table 6 - Production During June and July, 1950

	J u n e			J u l y		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<u>Steel Ingots</u>						
Open hearth - Basic .....	210,812	14,767	225,579	203,874	17,267	221,141
Electric .....	37,227	7,010	44,237	32,477	5,407	37,884
Total Steel Ingots .....	248,039	21,777	269,816	236,351	22,674	259,025
Alloy steel ingots included in above .....	11,767	...	11,767	16,205	...	16,205
<u>Steel Castings</u>						
Open hearth - Basic .....	186	1,148	1,334	115	856	971
Converter .....	1	37	38	1	30	31
Electric .....	1,282	3,953	5,235	1,175	2,988	4,163
Total Steel Castings ...	1,469	5,138	6,607	1,291	3,874	5,165
Alloy steel castings included in above .....	772	866	1,638	682	646	1,328
TOTAL INGOTS AND CASTINGS .	249,508	26,915	276,423	237,642	26,548	264,190

Table 7 - Cumulative Production for the Seven Months Ended July, 1949 and 1950

	1 9 4 9			1 9 5 0		
	For own use	For sale	Total	For own use	For sale	Total
	(Net tons of 2,000 pounds)					
<u>Steel Ingots</u>						
Open hearth - Basic .....	1,539,224	85,687	1,624,911	1,522,380	90,242	1,612,622
Electric .....	224,283	1,789	226,072	249,775	46,693	296,468
Total Steel Ingots .....	1,763,507	87,476	1,850,983	1,772,155	136,935	1,909,090
Alloy steel ingots included in above .....	83,456	...	83,456	114,482	...	114,482
<u>Steel Castings</u>						
Open hearth - Basic .....	1,339	17,127	18,466	1,186	9,809	10,995
Converter .....	11	57	68	6	87	93
Electric .....	8,603	36,751	45,354	8,829	24,207	33,036
Total Steel Castings ...	9,953	53,935	63,888	10,021	34,103	44,124
Alloy steel castings included in above .....	3,661	6,029	9,690	4,583	6,239	10,822
TOTAL INGOTS AND CASTINGS .	1,773,460	141,411	1,914,871	1,782,176	171,038	1,953,214

Table 8 - Pig Iron and Scrap Charged to Steel Furnaces During June and July, 1950, and Seven Months Ended July, 1950

	June	July	Seven months ended July
	(Net tons of 2,000 pounds)		
Pig iron .....	138,521	140,999	972,433
Scrap - Own make .....	82,352	72,221	568,340
Purchased .....	78,932	72,322	555,358

Table 9 - Steel Furnace Capacity at end of July, 1950

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth .....	3,024,000
Electric .....	842,500
Total Ingots .....	3,872,500
Steel castings .....	303,600
Total Ingots and Castings ..	3,976,100

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1949 and 1950

Month	Pig iron	Ferro- alloys	Steel		Total steel
			Ingots	Castings	
(Net tons of 2,000 pounds)					
<u>1949</u>					
January .....	183,074	21,931	275,987	8,720	284,707
February .....	172,724	21,713	249,009	10,262	259,271
March .....	202,130	22,457	287,885	10,576	298,461
April .....	180,740	24,427	260,319	9,649	269,968
May .....	202,148	20,652	283,808	9,371	293,179
June .....	194,255	19,264	261,476	8,979	270,455
July .....	175,381	14,200	232,499	6,331	238,830
August .....	180,115	12,562	241,442	7,307	248,749
September .....	168,436	12,250	232,882	7,866	240,748
October .....	166,020	15,456	252,965	5,926	258,891
November .....	157,327	14,758	253,213	6,509	259,722
December .....	172,002	11,853	257,883	6,066	263,949
Total .....	2,154,352	211,603	3,089,362	97,562	3,186,930
<u>1950</u>					
January .....	190,432	9,961	283,894	6,055	289,949
February .....	157,200	9,652	251,890	6,233	258,123
March .....	174,944	17,157	287,719	6,584	294,303
April .....	185,259	14,627	272,936	6,384	279,320
May .....	195,893	12,707	283,810	7,096	290,906
June .....	198,462	15,350	269,816	6,607	276,425
July .....	194,016	16,118	259,025	5,165	264,190
Total - Seven Months	1,296,206	95,572	1,909,090	44,124	1,953,214

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 221,792 net tons in July, 1950 compared with 243,322 tons in June, 1950. The July shipments included 10,384 tons of semi-finished shapes, 15,102 tons of structurals, 9,396 tons of plates, 21,350 tons of rails, 6,174 tons of tie plates and track material, 34,651 tons of hot rolled bars, 27,174 tons of pipes and tubes, 22,083 tons of wire rods, 21,511 tons of black sheets, 7,220 tons of galvanized sheets, 5,245 tons of castings, and 11,618 tons of other rolled products. The amount of producers' interchange was 125,607 tons in July as against 123,338 tons in June, 1950.

## Primary steel shapes (continued)

Of the amounts shipped for sale during July, 34,789 tons went direct to railways and railway car shops; 11,523 tons went to pressing, forming and stamping plants; 26,684 tons to merchant trade products; 29,744 tons to building construction; 23,566 tons to the containers industry; 8,640 tons to agricultural equipment; 14,121 tons to the automotive industry; 8,005 tons to machinery plants; 1,727 tons to shipbuilding; 16,231 tons to mining, lumbering, etc., and 868 tons to miscellaneous industries; wholesalers and warehousing accounted for 26,923 tons, and exports for 16,816 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 125,607 tons in July, 1950.

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, July, 1950

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon Steel</u>			
Billets, etc., for forging .....	9,826	4,793	5,075
Other semi-finished shapes, not for re-rolling by makers .....	45,942	10,884	36,441
Structural shapes and piling .....	18,209	15,102	...
Plates .....	9,087	9,341	...
Rails .....	21,103	21,350	...
Tie plates and track material: Splice bars ...	2,044	2,311	...
Tie plates ....	2,621	2,553	...
Spikes .....	1,138	1,310	...
Concrete reinforcing bars .....	5,837	8,452	...
Hot rolled bars for cold finishing .....	495	...	473
Other hot rolled bars .....	32,092	28,093	6,191
Pipes and tubes .....	26,511	27,174	...
Wire rods .....	20,686	22,043	350
Hot rolled black sheets .....	55,768	9,045	46,714
Cold reduced black sheets .....	15,142	12,466	3,203
Galvanized sheets .....	8,530	7,820	...
Steel castings .....	3,562	3,650	...
Miscellaneous hot rolled products .....	33,632	2,998	26,746
All other products .....	23,572	23,290	...
<b>Total - Carbon Steel .....</b>	<b>335,797</b>	<b>212,675</b>	<b>125,193</b>
<u>Alloy Steel</u>			
Billets, etc., for forging .....	679	493	...
Other semi-finished shapes, not for re-rolling by makers .....	297	...	297
Structural shapes and piling .....	...	...	...
Plates .....	119	55	...
Rails .....	...	...	...
Tie plates and track material - Splice bars ..	...	...	...
Tie plates ....	...	...	...
Spikes .....	...	...	...
Concrete reinforcing bars .....	...	...	...
Hot rolled bars for cold finishing .....	...	...	...
Other hot rolled bars .....	7,215	6,558	117
Pipes and tubes .....	...	...	...
Wire rods .....	41	40	...
Hot rolled black sheets .....	...	...	...
Cold reduced black sheets .....	...	...	...
Galvanized sheets .....	...	...	...
Steel castings .....	1,557	1,595	...
Miscellaneous hot rolled products .....	186	168	...
All other products .....	149	208	...
<b>Total - Alloy Steel .....</b>	<b>10,243</b>	<b>9,117</b>	<b>414</b>

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 12 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Seven Months Ended July, 1950

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon Steel</u>			
Billets, etc., for forging .....	89,674	33,609	55,345
Other semi-finished shapes, not for re-rolling by makers .....	249,765	45,393	200,541
Structural shapes and piling .....	93,592	83,067	...
Plates .....	88,823	90,298	27
Rails .....	195,561	197,610	...
Tie plates and track material - Splice bars ..	13,548	13,839	...
Tie plates ...	29,425	28,606	...
Spikes .....	9,599	10,205	...
Concrete reinforcing bars .....	48,079	50,350	...
Hot rolled bars for cold finishing .....	7,107	68	6,997
Other hot rolled bars .....	280,876	234,238	50,371
Pipes and tubes .....	149,076	140,057	9
Wire rods .....	164,551	166,066	641
Hot rolled black sheets .....	364,828	76,603	286,420
Cold reduced black sheets .....	105,026	92,388	14,461
Galvanized sheets .....	56,896	56,652	...
Steel castings .....	31,579	29,538	...
Miscellaneous hot rolled products .....	219,026	25,030	182,695
All other products .....	149,537	148,267	7
<b>Total - Carbon Steel .....</b>	<b>2,346,568</b>	<b>1,521,884</b>	<b>797,514</b>
<u>Alloy Steel</u>			
Billets, etc., for forging .....	4,492	4,019	...
Other semi-finished shapes, not for re-rolling by makers .....	3,818	...	3,818
Structural shapes and piling .....	...	...	...
Plates .....	1,042	866	...
Hot rolled bars for cold finishing .....	...	...	...
Other hot rolled bars .....	53,284	51,087	350
Pipes and tubes .....	...	...	...
Wire rods .....	469	465	...
Steel castings .....	11,863	11,317	...
Miscellaneous hot rolled products .....	1,366	1,318	...
All other products .....	1,530	1,606	2
<b>Total - Alloy Steel.....</b>	<b>77,864</b>	<b>70,678</b>	<b>4,170</b>

Table 13 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, July and Year to Date, 1950

	J u l y		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries .....	8,236	5,885	60,965	46,463
Agricultural, including farm machinery .....	8,542	98	73,091	671
Building construction .....	29,717	27	198,698	397
Containers industry .....	23,531	35	140,992	47
Machinery and tools .....	7,454	551	60,097	4,392
Merchant trade products .....	26,343	341	202,799	1,840
Mining, lumbering, etc. ....	15,645	586	80,792	4,559
National defence .....	20	4	2,445	59
Pressing, forming and stamping .....	11,465	58	110,234	576
Public works and utilities .....	1,170	20	7,661	325
Railway operating .....	30,816	238	278,083	1,217
Railway cars and locomotives .....	3,688	47	23,273	520
Shipbuilding .....	1,654	73	17,753	219
Miscellaneous and unclassified .....	756	112	6,812	745
Wholesalers and warehouses .....	26,822	101	167,191	860

Primary Iron and Steel

Table 13 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, July and Year to Date, 1950 (Concluded)

	J u l y		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Direct export (a) to British Empire .....	128	138	9,141	369
(b) to other countries .....	16,688	803	81,857	7,419
Total Shipped for Sale .....	212,675	9,117	1,521,884	70,678
Producers' interchange .....	125,193	414	797,514	4,170

Table 14 - Imports of Primary Forms of Iron and Steel, July, 1950 and Year to Date

Commodity	Country of origin	J u l y			Year to date		
		Carbon	Alloy	Stain-less	Carbon	Alloy	Stain-less
		(Tons of 2,000 pounds)					
<b>Pig Iron -</b>							
Basic .....	Netherlands	...	...	...	56	...	...
	United States	...	...	...	167	...	...
	United Kingdom	...	...	...	56	...	...
Foundry .....	United States	116	...	...	116	...	...
	United Kingdom	...	...	...	2,923	...	...
	Germany	7,392	...	...	7,392	...	...
Malleable .....	United States	1,071	...	...	1,301	...	...
Silvery .....	United States	...	...	...	...	...	...
Charcoal .....	Sweden	56	...	...	56	...	...
Special .....	United States	785	...	...	1,131	...	...
Ingots .....	United States	40	...	...	598	141	...
Billets, blooms, slabs and sheet bars	United States	72	...	...	99	87	1.4
	Belgium	...	...	...	112	...	...
Tube rounds and tube billets .....	United States	405	...	...	1,233	...	...
<b>Bars and sections -</b>							
Hot rolled, n.o.p. ....	United States	2,689	81	4.8	16,773	1,016	91.5
	United Kingdom	83	...	7.7	407	72	73.1
	Belgium	675	...	...	2,459	...	...
	Sweden	1	...	...	3	...	...
Hot rolled -							
For agricultural implements .....	United States	123	...	...	1,715	4	...
	United Kingdom	...	...	...	36	...	...
Rounds over 4 7/8", squares over 4" .....	United States	81	2	...	511	20	.2
	United Kingdom	120	...	...	232	5	.7
	Belgium	...	...	...	...	...	...
Angles, channels, etc. ....	United States	64	...	.8	993	2	19.7
	Germany	...	...	...	11	...	...
	Belgium	197	...	...	609	...	...
	United Kingdom	28	...	2.0	30	...	2.0
Structurals (bar sizes) for agricultural implements .....	United States	78	...	...	459	...	...
Sash or casement sections .....	United States	53	...	...	765	...	...
	Belgium	30	...	...	41	...	...
	United Kingdom	...	...	...	69	...	...
Cold rolled, n.o.p. ....	United States	313	33	1.0	2,113	106	17.6
	United Kingdom	109	...	2.5	475	1	15.7
	Germany	...	1	...	...	1	...
Cold rolled, for agricultural implements .....	United States	242	...	...	3,702	125	...
Tool steel .....	United States	6	25	...	78	230	...
	United Kingdom	129	69	...	851	247	...
	Austria	...	...	...	2	...	...
	Sweden	...	...	...	1	...	...
Structurals .....	United States	10,049	...	1.4	75,776	...	5.1
	United Kingdom	369	...	...	4,687	...	...
	Belgium	2,667	...	...	5,022	...	...

Primary Iron and Steel

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Table 14 - Imports of Primary Forms of Iron and Steel, July, 1950 and Year to Date (Continued)

Commodity	Country of origin	J u l y			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Plates -							
78" and under in width .....	United States	1,326	...	18.1	7,915	34	153.9
	United Kingdom	2,397	...	85.3	8,166	4	115.3
	Belgium	414	...	...	668	...	...
	Germany	...	...	...	21	...	...
	France	84	...	...	84	...	...
Over 78" and under 100" in width ..	United States	1,533	...	2.4	6,900	283	14.0
	United Kingdom	3,446	...	...	12,256	5	.2
100" in width and over .....	United States	392	...	7.2	1,811	...	7.2
	United Kingdom	37	...	.8	104	...	.8
Flanged, dished or curved .....	United States	68	...	...	808	...	.2
Boiler, pulp-mill digesters .....	United States	307	...	...	2,149	...	9.0
	United Kingdom	481	...	...	481	...	...
Chequered or surface pattern .....	United States	701	...	...	2,629	...	...
	United Kingdom	49	...	...	153	...	...
Painted .....	United States	7	...	...	27	...	...
For saws .....	United States	...	4	...	...	4	...
For tubes .....	United States	...	...	...	...	...	...
Sheets -							
Silicon .075 or more .....	United States	...	1,819	...	...	13,007	...
	United Kingdom	...	163	...	...	1,034	...
Galvanized .....	United States	575	...	...	5,953	...	...
	United Kingdom	1,075	...	...	5,287	...	...
Hot rolled -							
18 gauge and heavier .....	United States	8,668	...	14.9	29,030	16	216.0
	Germany	...	...	...	...	...	...
	Belgium	702	...	...	1,035	...	...
	United Kingdom	90	...	62.3	959	...	334.3
Lighter than 18 gauge .....	United States	141	...	20.5	1,129	3	140.8
	Belgium	...	...	...	...	...	...
	United Kingdom	193	...	1.8	1,344	1	14.9
For hollow ware (vitreous enamel)	United States	9	...	...	184	...	...
	United Kingdom	...	...	...	...	...	...
Corrugated .....	United States	250	...	...	2,449	...	...
	United Kingdom	...	...	...	26	...	...
Coated with paint, tar, asphaltum, etc. ....	United Kingdom	...	...	...	16	...	...
	United States	429	...	...	1,510	...	...
For saws .....	United States	14	42	...	123	339	...
	United Kingdom	...	...	...	...	14	...
For cold rolled strip .....	United States	82	...	...	211	...	...
Shaped for agricultural implements	United States	122	...	...	738	60	...
For tubes .....	United States	81	...	...	81	...	...
Cold rolled -							
18 gauge and heavier .....	United States	557	...	145.4	4,606	...	894.7
	United Kingdom	...	...	...	51	...	.1
Lighter than 18 gauge .....	United States	2,372	...	78.9	13,328	...	733.0
	United Kingdom	21	...	5.0	105	...	12.7
For hollow ware (vitreous enamel)	United States	1,232	...	...	6,053	...	...
	United Kingdom	111	...	...	571	...	...
Black plate - Tin mill .....	United States	23	...	...	194	...	...
Coated with paint, tar, asphaltum, etc. ....	United States	12	...	...	177	...	...
For heating apparatus .....	United States	...	...	...	161	...	...
For saws .....	Sweden	...	3	...	...	8	...
	United States	...	3	...	1	17	...
For shoe and corset laces .....	United States	...	...	...	...	...	...
For tubes .....	United States	110	...	...	2,934	...	...
For tubular products .....	United States	...	...	...	...	...	...
For butt hinges .....	United States	...	...	...	...	...	...

Table 14 - Imports of Primary Forms of Iron and Steel, July, 1950 and Year to Date (Continued)

Commodity	Country of origin	J u l y			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
<b>Sheets - (Concluded)</b>							
Black plate - For tinning .....	United States	...	...	...	...	...	...
Sheets, hot rolled for conversion to tin plate .....	United States	...	...	...	...	...	...
Slabs for conversion to tin plate ..	United States	...	...	...	...	...	...
Tin plate--Primes .....	United States	39	...	...	172	...	...
	United Kingdom	45	...	...	173	...	...
Electrolytic (25#) .....	United States	30	...	...	148	...	...
(50#) .....	United States	...	...	...	...	...	...
Waste waste .....	United States	...	...	...	...	...	...
Terne plate--Long .....	United States	380	...	...	3,134	...	...
	United Kingdom	...	...	...	8	...	...
Short .....	United States	169	...	...	951	...	...
<b>Strip -</b>							
<b>Hot rolled -</b>							
18 gauge and heavier .....	Sweden	...	...	...	...	...	2.5
	France	...	...	...	31	...	...
	United States	1,083	114	.9	6,891	198	28.2
	Belgium	79	...	...	575	...	...
	United Kingdom	55	...	...	875	3	11.5
Lighter than 18 gauge .....	United States	160	...	23.4	1,043	...	147.6
	United Kingdom	...	...	...	1	...	...
For cold rolling .....	United States	144	...	...	1,293	...	...
Painted .....	United States	242	...	...	2,491	...	...
	United Kingdom	...	...	...	11	...	...
For shoe and corset laces, buckles, ball bearings, etc. ...	United States	157	...	...	479	...	...
For saws .....	United States	6	17	...	47	193	...
	United Kingdom	...	...	...	...	13	...
	Sweden	...	...	...	...	2	...
For motor vehicles .....	United States	1,306	...	...	9,745	...	...
For hoops .....	United States	82	...	...	691	...	...
	United Kingdom	55	...	...	415	...	...
For tubes .....	United States	...	...	...	...	...	...
For tubular products .....	United States	54	...	...	175	...	...
For butt hinges .....	United States	...	...	...	4	...	...
Silicon .075 or more .....	United States	...	478	...	...	2,383	...
<b>Cold rolled -</b>							
18 gauge and heavier .....	United Kingdom	1	...	...	41	...	.1
	United States	44	4	32.1	1,834	33	206.8
	Belgium	...	...	...	19	...	...
	Sweden	...	...	...	...	...	.2
Lighter than 18 gauge .....	United States	307	4	155.4	2,850	6	820.9
	Sweden	6	...	...	160	...	...
	United Kingdom	59	...	...	183	...	1.0
Painted .....	United States	117	...	...	1,580	...	...
	Germany	2	...	...	23	...	...
For shoe and corset laces, buckles, ball bearings, etc. ...	United States	1	...	...	180	...	...
	United Kingdom	...	...	...	5	...	...
For saws .....	United States	...	11	...	...	53	...
	Sweden	...	9	...	...	19	...
For tubes .....	United States	200	...	...	2,081	...	.3
For tubular products .....	United States	119	...	...	678	...	...
For butt hinges .....	United States	34	...	...	523	...	...
	Sweden	...	...	...	...	...	...
Silicon .075 or more .....	United States	...	4	...	...	671	...
For hoops .....	United States	...	...	...	57	...	...
Galvanized strip .....	United States	463	...	...	3,798	...	...
	United Kingdom	...	...	...	24	...	...



Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, July, 1950 and Year to Date (Continued)

Commodity	Country of origin	J u l y			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Skelp -							
15 3/8" and under in width .....	United States	8,614	...	...	59,331	...	...
	United Kingdom	1,527	...	...	9,053	...	...
	Belgium	...	...	...	12,307	...	...
Over 15 3/8" in width .....	United States	869	...	...	6,385	...	...
Pipes and tubes -							
Cast .....	United States	456	...	.1	560	...	.2
	United Kingdom	489	...	...	6,874	...	...
Bedstead .....	United States	2	...	...	140	...	...
Repair of pressure parts of boilers-							
Hot finished .....	United States	490	...	...	1,821	137	1.7
	United Kingdom	110	...	...	497	...	...
Cold drawn .....	United States	51	...	...	896	58	...
	United Kingdom	...	...	...	63	...	...
Welded .....	United States	...	...	1.9	381	...	2.7
Repair of pulp mill digesters -							
Hot finished .....	United States	...	...	...	...	...	...
Cold drawn .....	United States	...	...	...	...	...	...
Seamless, 12" and under in diameter-							
Cold drawn .....	United States	371	5	20.0	2,778	87	97.0
	United Kingdom	66	...	7.8	275	9	28.8
	Sweden	...	...	...	...	...	...
Hot finished .....	United States	86	190	...	2,340	1,387	.3
	United Kingdom	345	...	...	4,248	...	...
Seamless, over 12" in diameter -	Sweden	81	...	...	81	...	...
	Hot finished .....	United States	737	...	1,296	32	28.1
	United Kingdom	...	...	...	4,788	...	...
Welded, 4" and under in diameter .	United States	663	...	.5	3,845	1	16.6
	United Kingdom	464	...	...	2,997	...	...
	Occupied Japan	...	...	...	...	...	...
	Belgium	30	...	...	30	...	...
Welded, over 4" in diameter .....	United States	9,869	...	.6	71,101	11	2.2
	United Kingdom	...	...	...	892	...	...
Tubing -							
Not over 1/2" diameter, welded and coated .....	United States	43	...	...	258	...	...
	United States	607	...	...	1,409	...	...
Special welded .....	United States	1,290	...	...	16,318	...	...
	France	...	...	...	...	...	...
Casings .....	United Kingdom	151	...	...	765	...	...
	United States	224	...	.8	1,470	...	20.6
Fittings and couplings .....	United States	1	...	...	16	...	...
	United Kingdom	...	...	...	...	...	...
Wire rope .....	United States	44	...	.1	389	...	2.4
	United Kingdom	13	...	...	232	...	...
	Germany	...	...	...	27	...	...
	Holland	2	...	...	2	...	...
Wire for rope .....	United States	367	...	...	4,243	...	1.7
	United Kingdom	642	...	...	4,371	...	...
Wire -							
For corset laces, steels, etc. ...	United States	1	...	...	50	...	...
	United Kingdom	...	...	...	4	...	...
For spring mattress, etc. ....	United States	169	...	...	1,377	...	...
	United Kingdom	...	...	...	1	...	...
For fencing, galvanized .....	United States	20	...	...	21	...	...
Wire cloth and netting .....	United States	44	...	.2	395	4	7.6
	United Kingdom	69	...	...	246	...	...
Wire, coated .....	United States	76	...	...	327	...	...
	United Kingdom	...	...	...	...	...	...

Table 14 - Imports of Primary Forms of Iron and Steel, July, 1950 and Year to Date (Concluded)

Commodity	Country of origin	J u l y			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Wire, all other .....	United States	122	...	3.7	2,315	19	25.3
	United Kingdom	...	...	...	25	...	...
	Germany	...	...	...	2	...	...
	Sweden	...	...	...	1	...	...
Wire rods, not over 3/8" in diameter.	United States	25	...	...	183	...	...
	Germany	...	...	...	54	...	...
	Sweden	...	...	...	23	...	...
	France	277	...	...	377	...	...
	Belgium	...	...	...	832	...	...
Welding wire and welding rods .....	United States	8	10	2.5	325	134	44.9
Castings -							
For agricultural implements .....	United States	146	...	...	1,178	...	...
For ingot moulds .....	United States	1,779	...	...	10,838	...	...
Malleable .....	United States	19	...	...	229	...	...
Non-malleable .....	United States	80	...	...	1,244	...	...
Steel .....	United States	111	18	...	285	87	1.1
	Norway	...	...	...	84	...	7.0
	United Kingdom	...	...	...	1	...	...
For railway vehicles .....	United States	...	...	...	192	...	...
Rolls .....	United States	5	5	...	886	366	...
	United Kingdom	...	...	...	26	177	...
Piston rings (rough) .....	United States	23	...	...	173	...	...
Forgings .....	United States	49	13	...	650	235	...
	United Kingdom	21	98	...	472	670	...
Axles - For railway vehicles .....	United States	6	...	...	57	...	...
Wheels - For railway rolling stock ..	United States	16	...	...	215	...	...
	United Kingdom	899	...	...	3,424	...	...
Tires -							
For railway rolling stock .....	United States	61	...	...	409	...	...
	United Kingdom	111	...	...	1,170	...	...
Rails -							
60 lb. and under .....	Belgium	120	...	...	261	...	...
	United States	1	...	...	54	...	...
Over 60 lb. and including 100 lb. .	United States	31	...	...	629	...	...
	United Kingdom	3,889	...	...	6,645	...	...
Over 100 lb. .....	United States	...	...	...	18	...	...
Grooved for electric tramways .....	United States	...	...	...	...	...	...
Track material -							
Angles, bars, tie plates, rail joints .....	Belgium	4	...	...	9	...	...
	United States	89	...	...	841	...	...
	United Kingdom	492	...	...	998	...	...
Intersections, switches, frogs ....	United States	...	...	...	70	...	...
Total Imports .....	United States	67,999	2,882	537.6	437,458	21,589	3,760.5
	All other	31,061	343	175.2	121,574	2,285	620.9
TOTAL .....		99,060	3,225	712.8	559,032	23,874	4,381.4

Table 15 - Exports of Primary Iron and Steel, July, 1950 and Year to Date

	July	Year to date
	(Tons of 2,000 pounds)	
Pig iron .....	23,583	109,789
Ingots, blooms and billets .....	13,574	69,859
Bars .....	464	8,015
Rods .....	...	54
Plates, sheets and strips .....	2,775	15,830
Rails .....	...	11,119
Structural shapes .....	283	1,268
Pipe and tubing - Wrought iron ..	65	301
Cast iron .....	94	906
Galvanized .....	428	4,964
Other .....	42	167
Castings, iron and steel .....	1,129	6,396
Forgings .....	53	405



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