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CANADA



## PRIMARY IRON AND STEEL

JULY - 1954

*Published by Authority of*  
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
Industry and Merchandising Division  
Metal and Chemical Products Section

6512-539  
30-9-54

Price \$2.00 per year  
25 cents per copy

Vol. 9, No. 7

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1954.



## PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 174,403 tons in July, 1954, compared with 272,958 tons in the corresponding month of last year. The total for the current month included 144,000 tons of basic iron, 1,864 tons of malleable iron and 28,539 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during July, 1954, totalled 260,454 tons compared with 323,385 tons in July of last year. Output in the month under review included 255,328 tons of ingots and 5,126 tons of castings.

### (a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments During July, 1953 and 1954

	1953		1954	
	Tonnage made (*)	Tonnage shipped	Tonnage made (*)	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic .....	208,699	11,129	144,000	1,146
Foundry .....	17,837	8,572	1,864	8,280
Malleable .....	<u>46,422</u>	<u>43,826</u>	<u>28,539</u>	<u>33,761</u>
Total pig iron .....	272,958	63,527	174,403	43,187
<u>Ferro-alloys</u> .....	12,124	10,740	(x)	(x)

(\*) Includes amounts for sale and for own use.

(x) Available on a quarterly basis only, in 1954 - see Table 9.

Table 2 - Cumulative Production and Shipments for the Seven Months Ended July, 1953 and 1954

	1953		1954	
	Tonnage made (*)	Tonnage shipped	Tonnage made (*)	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic .....	1,419,191	49,323	1,034,389	9,758
Foundry .....	94,027	82,826	98,935	74,120
Malleable .....	<u>247,324</u>	<u>228,289</u>	<u>179,151</u>	<u>154,478</u>
Total pig iron .....	1,760,542	360,438	1,312,475	238,356
<u>Ferro-alloys</u> .....	102,617	94,174	(x)	(x)

(\*) Includes amounts for sale and for own use.

(x) Available on a quarterly basis only, in 1954 - see Table 9.

Table 3 - Iron Blast Furnace Charges During July and Seven Months Ended July, 1953 and 1954

	July		Seven months ended July	
	1953	1954	1953	1954
(Net tons of 2,000 pounds)				
Iron ore - Canadian .....	123,424	60,222	777,358	515,772
Imported .....	360,480	231,382	2,253,785	1,705,346
Mill cinder, scale, sinter, etc. ....	60,496	49,271	411,381	345,213
Limestone .....	102,278	58,539	618,872	477,097
Dolomite .....	26,371	21,811	172,300	148,155
Coke .....	258,280	153,143	1,646,911	1,176,340
Scrap iron and steel .....	7,168	7,699	63,705	43,533

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Table 4 - Description of Iron Blast Furnaces at End of July, 1954

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	7	2,443,500	64.0
Banked .....	-	-	-
Blown out .....	9	1,374,500	36.0
Total .....	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Shipments During July, 1953 and 1954

	1953		1954	
	Tonnage made (*)	Tonnage shipped	Tonnage made (*)	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	280,136	120	227,511	116
Electric .....	35,067	13	27,817	-
Total steel ingots .....	315,203	133	255,328	116
Alloy steel ingots included in above .....	8,253	13	5,912	-
<u>Steel castings</u>				
Open hearth - basic .....	1,672	1,289	972	723
Converter .....	35	40	24	16
Electric .....	6,475	4,680	4,130	3,217
Total steel castings .....	8,182	6,009	5,126	3,956
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	267	242	170	165
(b) High alloy, manganese and abrasion resistant .....	1,006	1,032	751	761
(c) All other alloys .....	1,111	234	509	279

(\*) Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Shipments for the Seven Months Ended July, 1953 and 1954

	1953		1954	
	Tonnage made (*)	Tonnage shipped	Tonnage made (*)	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	2,089,403	45,382	1,590,477	856
Electric .....	292,078	517	219,948	148
Total steel ingots .....	2,381,481	45,899	1,810,425	1,004
Alloy steel ingots included in above .....	120,851	199	71,934	66
<u>Steel castings</u>				
Open hearth - basic .....	18,134	15,416	14,655	12,511
Converter .....	289	213	58	30
Electric .....	46,887	35,573	38,557	29,963
Total steel castings .....	65,310	51,202	53,270	42,504
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	921	677	2,180	2,043
(b) High alloy, manganese and abrasion resistant .....	8,466	7,565	5,618	5,573
(c) All other alloys .....	6,921	1,564	5,453	1,290

(\*) Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

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Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, July, 1953 and 1954, and Seven Months Ended July, 1954.

	July 1953	July 1954	Seven months ended July, 1954
(Net tons of 2,000 pounds)			
Pig iron .....	187,151	149,033	1,034,731
Scrap - Own make .....	93,322	76,892	585,337
Purchased .....	75,645	48,173	353,322

Table 8 - Steel Furnace Capacity at Thirty-First of October, 1953

	Annual capacity
(Net tons of 2,000 pounds)	
Ingots - Basic open hearth .....	3,951,300
Electric .....	714,400
Total ingots .....	4,665,700
Steel castings .....	313,900
Total ingots and castings ...	4,979,600

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1953 and 1954

Month	Pig iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1953</u>					
January .....	244,606	15,671	339,215	7,433	346,648
February .....	225,182	16,017	316,741	9,322	326,063
March .....	238,572	17,680	356,890	10,084	366,974
April .....	241,583	15,980	351,907	10,384	362,291
May .....	271,461	13,148	358,896	10,071	368,967
June .....	266,180	11,997	342,629	9,834	352,463
July .....	272,958	12,124	315,203	8,182	323,385
August .....	267,249	11,416	331,678	7,025	338,703
September .....	243,963	10,483	321,332	8,012	329,344
October .....	265,346	8,522	354,480	8,018	362,498
November .....	254,643	8,777	324,497	8,206	332,703
December .....	220,526	8,779	296,345	9,085	305,430
Total .....	3,012,269	150,595	4,009,813	105,656	4,115,469

1954

January .....	214,999		290,487	8,413	298,900
February .....	182,050		258,765	8,146	266,911
March .....	200,763	23,214 (*)	240,515	8,775	249,290
April .....	194,307		247,872	7,924	255,796
May .....	178,742		252,988	7,363	260,351
June .....	167,211	26,734 (*)	264,470	7,523	271,993
July .....	174,403		255,328	5,126	260,454

(x) First quarter.

(\*) Second quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 201,740 net tons in July, 1954, compared with 238,597 tons in July, 1953. The July, 1954, shipments included 1,676 tons of semi-finished shapes, 5,366 tons of structurals, 14,047 tons of plates, 32,165 tons of rails, 4,997 tons of tie plates and track material, 22,880 tons of hot rolled bars, 27,862 tons of pipes and tubes, 15,913 tons of wire rods, 20,501 tons of black sheets, 10,423 tons of galvanized sheets, 4,832 tons of castings, and 41,078 tons of other rolled products. The amount of producers' interchange was 112,831 tons in July, 1954, as against 123,216 tons in July, 1953.

Of the amounts shipped for sale during July, 42,793 tons went direct to railways and railway car shops; 11,922 tons went to pressing, forming and stamping plants; 18,353 tons to merchant trade products; 28,459 tons to building construction; 22,081 tons to the containers industry; 8,484 tons to agricultural equipment; 7,124 tons to the automotive industry; 10,206 tons to machinery plants; 793 tons to shipbuilding; 16,011 tons to mining, lumbering, etc., and 4,687 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 28,346 tons, and exports for 2,481 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 112,831 tons in July, 1954.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, July, 1954

	Production (Including producers' interchange)	Shipments For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging .....	2,051	813	124
Other semi-finished shapes, not for re-rolling			
by makers .....	6,630	141	4,006
Structural shapes and piling .....	4,946	5,366	-
Plates .....	14,044	14,031	-
Rails .....	32,540	32,165	-
Tie plates and track material:			
Splice bars .....	878	925	-
Tie plates .....	2,707	2,859	-
Spikes .....	1,165	1,213	-
Concrete reinforcing bars .....	11,180	13,281	-
Hot rolled bars for cold finishing .....	851	-	880
Other hot rolled bars .....	21,045	19,929	4,121
Pipes and tubes .....	22,809	27,862	-
Wire rods .....	15,068	15,812	8
Hot rolled black sheets .....	59,823	7,194	52,726
Cold reduced black sheets .....	18,819	13,307	6,268
Cold reduced strip .....	1,365	1,176	84
Galvanized sheets .....	10,034	10,423	-
Steel castings .....	3,466	3,459	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.) .....	73,386	25,979	44,446
Total carbon steel .....	<b>303,307</b>	<b>195,935</b>	<b>112,663</b>
<u>Alloy steel</u>			
Billets, etc., for forging .....	832	722	-
Other semi-finished shapes, not for re-rolling			
by makers .....	166	-	166
Plates .....	80	16	-
Hot rolled bars for cold finishing .....	-	-	-
Other hot rolled bars .....	3,019	2,951	2
Wire rods .....	76	101	-
Steel castings .....	1,383	1,373	-
All other products (Includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, cold reduced strip, axles, etc.) .....	598	642	-
Total alloy steel .....	<b>6,154</b>	<b>5,805</b>	<b>168</b>

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Seven Months Ended July, 1954

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging .....	37,371	20,290	17,863
Other semi-finished shapes, not for re-rolling			
by makers .....	71,059	984	71,122
Structural shapes and piling .....	75,968	80,656	-
Plates .....	112,849	113,031	18
Rails .....	186,746	186,792	-
Tie plates and track material:			
Splice bars .....	11,063	11,875	-
Tie plates .....	34,499	34,507	-
Spikes .....	8,552	9,110	-
Concrete reinforcing bars .....	82,153	82,200	-
Hot rolled bars for cold finishing .....	5,302	-	5,294
Other hot rolled bars .....	235,947	176,292	53,471
Pipes and tubes .....	106,895	121,508	11
Wire rods .....	141,804	142,136	496
Hot rolled black sheets .....	429,297	90,182	344,713
Cold reduced black sheets .....	136,347	95,221	41,884
Cold reduced strip .....	9,822	9,300	239
Galvanized sheets .....	63,981	65,139	-
Steel castings .....	38,806	39,266	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.) .....	416,356	207,594	213,447
Total carbon steel .....	2,204,817	1,486,083	742,558
<u>Alloy steel</u>			
Billets, etc., for forging .....	3,935	3,786	-
Other semi-finished shapes, not for re-rolling			
by makers .....	1,381	-	1,381
Plates .....	340	337	-
Hot rolled bars for cold finishing .....	-	-	-
Other hot rolled bars .....	31,154	30,156	112
Wire rods .....	555	604	3
Steel castings .....	12,594	12,661	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, cold reduced strip, axles, etc.) .....	5,697	5,516	-
Total alloy steel .....	55,656	53,060	1,496

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.

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Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, July, 1954, and Year to Date

	July, 1954		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries .....	4,422	2,702	54,315	29,304
Agricultural, including farm machinery .....	8,338	146	43,527	981
Building construction .....	28,447	12	196,138	326
Containers industry .....	22,078	3	175,072	158
Machinery and tools .....	9,529	677	83,585	5,030
Merchant trade products .....	18,204	149	184,736	1,619
Mining, lumbering, etc. .....	15,474	537	64,758	5,688
National defence .....	1,727	412	19,750	2,910
Pressing, forming and stamping .....	11,890	32	87,451	569
Public works and utilities .....	1,332	43	12,506	280
Railway operating .....	38,578	64	258,204	662
Railway cars and locomotives .....	4,029	122	83,982	1,252
Shipbuilding .....	752	41	9,460	300
Miscellaneous and unclassified .....	969	204	7,830	935
Wholesalers and warehouses .....	28,193	153	191,865	641
Direct export (a) to British Empire .....	722	123	2,447	342
(b) to other countries .....	1,251	385	10,457	2,063
Total shipped for sale .....	195,935	5,805	1,486,083	53,060
Producers' interchange .....	112,663	168	748,558	1,496

Table 13 - Imports of Primary Forms of Iron and Steel, July, 1954, and Year to Date

Commodity	Country of origin	July, 1954			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pig iron -							
Basic .....	United States	56	-	-	171	-	-
	United Kingdom	-	-	-	2,810	-	-
	South Africa	45	-	-	45	-	-
Malleable .....	United States	-	-	-	510	-	-
Silvery .....	United States	232	-	-	1,943	-	-
Foundry .....	United States	-	-	-	614	-	-
	United Kingdom	-	-	-	112	-	-
	Spain	-	-	-	5,462	-	-
	Australia	-	-	-	335	-	-
Ingots .....	United States	43	99	-	501	559	-
Billets, blooms, slabs and sheet bars.	United States	152	-	-	461	198	41.2
	United Kingdom	5	2	-	11	67	-
	Belgium	-	-	-	1,000	-	-
Tube rounds and tube billets .....	United States	-	-	-	864	-	-
Bars and sections -							
Hot rolled, n.o.p. .....	United States	1,904	124	10.0	14,018	1,810	93.8
	United Kingdom	110	37	26.4	1,009	225	117.0
	Belgium	4,174	-	-	9,682	-	-
	Austria	-	-	-	-	60	-
	France	825	-	-	4,059	-	-
	Germany	272	-	-	582	-	-
Hot rolled -							
For agricultural implements .....	United States	176	-	-	1,419	22	-
Rounds over 4 <sup>8</sup> ", squares over 4".	United States	83	1	-	784	24	.6
	United Kingdom	42	2	.6	268	14	1.1
Angles, channels, etc. .....	United States	503	-	1.5	3,439	-	33.7
	United Kingdom	73	-	-	221	-	-
	Belgium	311	-	-	1,647	-	-
	Germany	-	-	-	30	-	-
	France	2	-	-	322	-	-
Structurals (bar sizes) for							
agricultural implements .....	United States	57	-	-	109	-	-
Sash or casement sections .....	United States	167	-	-	1,415	-	-
	United Kingdom	-	-	-	139	-	-
	Belgium	-	-	-	71	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, July, 1954, and Year to Date (Continued)

Commodity	Country of origin	July, 1954			Year to date			
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less	
(Tons of 2,000 pounds)								
<b>Bars and sections (concluded) -</b>								
Cold finished, n.o.p. ....	United States	233	28	15.3	2,593	224	90.6	
	United Kingdom	93	2	1.3	705	7	37.1	
	Belgium	24	-	-	137	-	-	
	Sweden	-	-	-	-	114	-	
	France	-	-	-	481	-	-	
<b>Cold finished, for agricultural implements</b> ....		272	-	-	1,058	16	-	
Tool steel ....	United States	3	46	-	22	287	-	
	United Kingdom	26	33	-	143	388	-	
	Germany	-	-	-	-	10	-	
Structurals ....	United States	14,519	-	-	153,857	-	-	
	United Kingdom	285	-	-	1,665	-	-	
	Belgium	1,229	-	-	8,206	-	-	
	France	267	-	-	4,151	-	-	
	Germany	167	-	-	916	-	-	
<b>Plates -</b>								
78" and under in width ....	United States	1,425	42	103.7	19,225	285	333.7	
	United Kingdom	803	-	65.1	13,140	-	130.3	
	Germany	-	-	-	183	-	-	
	Japan	107	-	-	1,761	-	-	
	Belgium	-	-	-	74	-	-	
Over 78" and under 100" in width ...	United States	934	10	22.5	19,988	15	79.1	
	United Kingdom	40	-	-	7,414	-	-	
100" in width and over ....	United States	625	33	15.0	2,767	33	66.0	
	United Kingdom	-	-	-	305	-	-	
Flanged, dished or curved ....	United States	97	-	-	539	-	-	
Boiler, pulp-mill digesters ....	United States	310	-	-	2,210	-	-	
Chequered or surface pattern ....	United States	1,289	-	-	5,535	-	-	
	United Kingdom	-	-	-	143	-	-	
<b>Sheets -</b>								
Silicon .075 or more ....	United States	-	594	-	-	8,224	-	
	United Kingdom	-	-	-	29	-	-	
Galvanized ....	United States	1,181	-	-	11,286	-	-	
	United Kingdom	181	-	-	1,041	-	-	
	Belgium	-	-	-	13	-	-	
<b>Hot rolled -</b>								
18 gauge and heavier ....	United States	2,683	19	7.0	27,970	81	42.6	
	United Kingdom	100	-	11.5	979	-	141.9	
	Sweden	-	-	-	-	-	61.7	
Lighter than 18 gauge ....	United States	-	1	-	22	25	10.0	
	United Kingdom	-	-	-	-	-	2.1	
	Belgium	-	-	-	7	-	-	
	Sweden	-	-	-	-	-	.7	
<b>Cold rolled -</b>								
18 gauge and heavier ....	United States	437	-	81.9	5,525	-	628.3	
	United Kingdom	22	-	125.7	284	-	551.9	
Lighter than 18 gauge ....	United States	285	-	178.3	7,424	-	853.4	
	United Kingdom	159	-	36.2	1,368	-	158.1	
	Sweden	-	-	-	-	-	10.2	
Corrugated ....	United States	707	-	-	3,023	-	-	
	United Kingdom	-	-	-	13	-	-	
Coated with paint, tar, asphaltum, etc. ....	United States	90	-	-	800	-	-	
For saws ....	United States	-	24	-	-	317	-	
	United Kingdom	-	1	-	-	14	-	
	Sweden	-	-	-	-	-	1	
For hollow ware (vitreous enamel)...	United States	307	-	-	5,052	-	-	
	United Kingdom	17	-	-	571	-	-	
Tin mill black plate ....	United States	-	-	-	6	-	-	
For motor vehicles ....	United States	563	-	-	11,406	-	-	
For heating apparatus ....	United States	4	-	-	106	-	-	

Table 13 - Imports of Primary Forms of Iron and Steel, July, 1954, and Year to Date (Continued)

Commodity	Country of origin	July, 1954			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Sheets (concluded) -							
For tubes .....	United States	19	-	-	278	-	-
Tin plate - Primes .....	United Kingdom	181	-	-	2,692	-	-
Electrolytic 25# coating	United States	48	-	-	181	-	-
	United Kingdom	1,977	-	-	1,977	-	-
Terne plate - Long .....	United States	179	-	-	2,125	-	-
Short .....	United States	81	-	-	1,392	-	-
Strip -							
Hot rolled -							
18 gauge and heavier .....	United States	293	-	-	2,742	46	-
	United Kingdom	61	-	-	151	-	-
	Belgium	-	-	-	131	-	-
	France	-	-	-	22	-	-
Lighter than 18 gauge .....	United States	37	-	-	260	-	-
	United Kingdom	-	-	-	28	-	-
Cold rolled -							
18 gauge and heavier .....	United States	112	31	5.2	934	149	74.2
	United Kingdom	8	-	-	43	-	4.0
Lighter than 18 gauge .....	United States	93	9	75.4	1,143	150	895.7
	United Kingdom	45	-	-	137	-	24.6
	Sweden	-	7	1.1	-	44	3.0
	Belgium	10	-	-	10	-	-
For cold rolling .....	United States	-	-	-	154	-	-
For saws .....	United States	-	11	-	-	183	-
	United Kingdom	-	-	-	-	3	-
	Sweden	-	5	-	-	58	-
For tubes .....	United States	-	-	-	200	-	-
For tubular products .....	United States	-	-	-	95	-	-
For motor vehicles .....	United States	900	-	-	8,782	-	-
For hoops .....	United States	30	-	-	402	-	-
	United Kingdom	15	-	-	194	-	-
	Sweden	4	-	-	5	-	-
For shoe and corset laces, etc. ....	United States	-	-	-	5	-	-
Coated with paint, tar, asphaltum, etc. ....	United States	1,043	-	-	3,957	-	-
	United Kingdom	-	-	-	4	-	-
	Germany	-	-	-	14	-	-
Silicon .075 or more .....	United States	-	302	-	-	2,787	-
For butt hinges .....	United States	26	-	-	460	-	-
Galvanized .....	United States	312	-	-	2,212	-	-
	United Kingdom	12	-	-	350	-	-
	Belgium	-	-	-	9	-	-
Skelp -							
15 $\frac{3}{8}$ " and under in width .....	United States	3,774	-	-	28,338	-	-
Over 15 $\frac{3}{8}$ " in width .....	United States	882	-	-	4,183	-	-
	Belgium	-	-	-	1,109	-	-
Pipes and tubes -							
Cast .....	United States	58	-	-	585	-	-
	United Kingdom	5,056	-	-	21,917	-	-
	Germany	-	-	-	37	-	-
For bedstead .....	France	-	-	-	2	-	-
Repair of pressure parts of boilers -							
Hot finished .....	United States	199	9	8.9	1,395	85	146.4
	United Kingdom	70	-	-	1,124	-	-
	Switzerland	23	-	-	89	-	-
	Germany	25	-	-	25	-	-
Cold drawn .....	United States	19	-	.1	180	12	4.0
	United Kingdom	35	-	-	260	-	-
	Sweden	-	-	-	11	-	-
Welded .....	United States	115	-	-	1,205	22	2.2
	United Kingdom	97	-	-	413	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, July, 1954, and Year to Date (Continued)

Commodity	Country of origin	July, 1954			Year to date			
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less	
(Tons of 2,000 pounds)								
<b>Pipes and tubes (concluded) -</b>								
<b>Seamless, 12" and under in diameter -</b>								
Cold drawn .....	United States	383	221	30.5	2,558	2,141	158.1	
	United Kingdom	129	3	17.9	837	20	117.0	
	Sweden	5	-	.5	86	232	4.5	
Hot finished .....	United States	803	31	5.1	4,283	168	20.8	
	United Kingdom	1,341	-	-	5,207	13	-	
	Germany	12	-	-	94	-	-	
<b>Seamless, over 12" in diameter -</b>								
Hot finished .....	United States	3,763	-	-	5,894	14	-	
	United Kingdom	507	-	-	5,044	-	-	
<b>Welded, 4" and under in diameter..</b>								
	United States	807	-	1.8	5,627	-	45.8	
	United Kingdom	235	-	-	4,812	-	-	
	France	27	-	-	103	-	-	
	Germany	33	-	-	389	-	-	
	Holland	10	-	-	17	-	-	
	Belgium	5	-	-	61	-	-	
Welded, over 4" in diameter .....	United States	29,103	-	-	91,100	-	16.2	
	United Kingdom	8,275	-	-	11,814	-	-	
<b>Tubing -</b>								
<b>Not over 1/2" diameter, welded and coated .....</b>								
	United States	25	-	-	185	-	-	
	Spiral welded .....	324	-	-	3,532	-	-	
Conduit .....	United States	32	-	-	2,384	-	-	
<b>Castings .....</b>								
	United States	4,024	-	-	33,835	-	-	
	United Kingdom	4,604	-	-	14,571	-	-	
	Germany	2,761	-	-	5,678	-	-	
	Italy	-	-	-	1,799	-	-	
	Japan	2,456	-	-	3,151	-	-	
<b>Wire rope .....</b>								
	United States	21	-	.1	403	-	2.0	
	United Kingdom	185	-	-	1,067	-	-	
	Germany	56	-	-	293	-	-	
	Belgium	9	-	-	97	-	-	
	Holland	11	-	-	131	-	-	
	Norway	-	-	-	4	-	-	
	Sweden	2	-	-	2	-	-	
Wire - For rope .....	United States	114	-	.6	1,289	-	1.9	
	United Kingdom	717	-	-	6,001	-	1.7	
	Norway	-	-	-	40	-	-	
For springs, cushions, mattresses, etc. ....	United States	54	-	-	1,290	-	-	
<b>For corset clasps, dress stays, etc. ....</b>								
	United States	3	-	-	36	-	-	
	United Kingdom	4	-	-	4	-	-	
<b>Coated or covered .....</b>								
	United States	79	-	-	210	-	-	
	United Kingdom	-	-	-	239	-	-	
	Belgium	-	-	-	23	-	-	
	Germany	21	-	-	136	-	-	
All other .....	United States	109	2	.4	901	132	7.0	
	United Kingdom	17	-	-	325	-	.2	
	Belgium	90	-	-	229	-	-	
	Germany	-	-	-	16	-	-	
	Sweden	-	1	-	-	2	1.7	
	France	33	-	-	95	-	-	
Wire rods, not over $\frac{3}{4}$ " in diameter ...	United States	-	-	-	592	-	-	
	United Kingdom	279	-	-	3,139	-	-	
	Belgium	11	-	-	301	-	-	
	Germany	-	-	-	1,042	-	-	
	Sweden	-	-	-	36	-	-	
Welding wire and welding rods .....	United States	1	40	-	504	588	-	
	Sweden	-	-	-	-	2	-	

Primary Iron and Steel

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Table 13 - Imports of Primary Forms of Iron and Steel, July, 1954, and Year to Date (Concluded)

Commodity	Country of origin	July, 1954			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Axles - For railway rolling stock ...	United States	16	-	-	16	-	-
Tires - For railway rolling stock ...	United States	-	-	-	15	-	-
	United Kingdom	243	-	-	915	-	-
Wheels - For railway rolling stock ...	United States	6	-	-	81	-	-
	United Kingdom	1,270	-	-	7,885	-	-
Rails -							
60 lb. and under .....	United States	18	-	-	247	-	-
	Belgium	37	-	-	430	-	-
	Germany	-	-	-	163	-	-
	France	-	-	-	38	-	-
Over 60 lb. and including 100 lb...	United States	85	-	-	1,212	-	-
	United Kingdom	-	-	-	8,422	-	-
Over 100 lb. ....	United States	3	-	-	1,104	-	-
	Belgium	-	-	-	26	-	-
Track material -							
Fish plates, angle bars, etc. ....	United States	42	-	-	1,258	-	-
	United Kingdom	172	-	-	2,063	-	-
	Belgium	2	-	-	12	-	-
	France	-	-	-	1	-	-
	Germany	-	-	-	9	-	-
Switch points, etc. ....	United States	2	-	-	149	-	-
Total imports .....	United States	77,379	1,677	563.3	526,575	18,597	3647.3
	All other	40,557	93	286.3	189,106	1,303	1368.8
<b>TOTAL*</b> .....		<b>117,936</b>	<b>1,770</b>	<b>849.6</b>	<b>715,681</b>	<b>19,900</b>	<b>5016.1</b>

\* - These totals are not strictly comparable with those of previous years since the categories, "Castings" and "Forgings", have been dropped from this year's totals.

Table 14 - Exports of Primary Iron and Steel, July, 1954, and Year to Date

		July, 1954		Year to date	
		(Tons of 2,000 pounds)			
Pig iron .....		40,198		111,303	
Ingots, blooms and billets .....		314		1,793	
Bars .....		377		2,497	
Rods .....		-		15	
Plates, etc. .....		2,636		13,944	
Rails .....		23		1,456	
Structural shapes .....		44		517	
Pipe and tubing - Wrought iron .....		-		115	
Cast iron .....		39		102	
Galvanized .....		3		10	
Other .....		17		471	
Castings, iron and steel .....		865		8,475	
Forgings .....		251		1,912	
Total .....		44,767		142,610	