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PRIMARY IRON AND STEEL

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PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 181,895 tons in October, 1954, compared with 265,346 tons in the corresponding month of last year. The total for the current month included 148,398 tons of basic iron, 18,561 tons of malleable iron and 14,936 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during October, 1954, totalled 279,320 tons compared with 362,498 tons in October of last year. Output in the month under review included 274,421 tons of ingots and 4,899 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During October, 1953 and 1954

	1953		1954	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic	217,378	14,632	148,398	4,334
Foundry	16,133	16,203	14,936	18,431
Malleable	31,835	33,169	18,561	23,772
Total pig iron	265,346	64,004	181,895	46,537
<u>Ferro-alloys</u>	8,522	10,766	(x)	(x)

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

* Includes amounts for sale and for own use.

Table 2 - Cumulative Production and Shipments for the Ten Months Ended October, 1953 and 1954

	1953		1954	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic	2,038,234	81,109	1,442,797	17,201
Foundry	133,879	125,876	126,646	113,805
Malleable	364,987	349,323	247,880	246,213
Total pig iron	2,537,100	556,308	1,817,323	377,319
<u>Ferro-alloys</u>	133,038	125,749	(x)	(x)

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

* Includes amounts for sale and for own use.

Table 3 - Iron Blast Furnace Charges During October and Ten Months Ended October, 1953 and 1954

	October		Ten months ended October	
	1953	1954	1953	1954
(Net tons of 2,000 pounds)				
Iron ore - Canadian	95,416	43,481	1,106,762	658,746
Imported	364,150	269,968	3,279,420	2,407,413
Mill cinder, scale, sinter, etc. ...	64,707	44,622	599,854	483,219
Limestone	92,781	60,274	887,597	643,262
Dolomite	25,584	23,862	262,102	209,614
Coke	243,205	161,924	2,343,373	1,616,024
Scrap iron and steel	6,112	8,210	80,107	65,359

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

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	8	2,617,600	68.6
Banked	-	-	-
Blown out	8	1,200,400	31.4
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During October, 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	314,038	114	238,721	118
Electric	40,442	15	35,700	-
Total steel ingots	354,480	129	274,421	118
Alloy steel ingots included in above	16,780	48	11,565	-
<u>Steel castings</u>				
Open hearth - basic	2,490	2,172	1,415	1,226
Converter	-	-	9	12
Electric	5,528	4,177	3,475	2,695
Total steel castings	8,018	6,349	4,899	3,933
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	173	143	173	163
(b) High alloy, manganese and abrasion resistant	929	966	845	814
(c) All other alloys	760	257	249	166

* - 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 Sales for the Ten Months Ended October, 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	2,976,950	45,608	2,243,394	1,307
Electric	412,021	579	318,989	184
Total steel ingots	3,388,971	46,187	2,562,383	1,491
Alloy steel ingots included in above	163,798	312	108,163	79
<u>Steel castings</u>				
Open hearth - basic	25,146	21,481	18,928	15,107
Converter	289	213	83	70
Electric	62,930	48,748	50,483	38,827
Total steel castings	88,365	70,442	69,494	54,004
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,476	905	2,672	2,458
(b) High alloy, manganese and abrasion resistant	11,467	10,639	8,371	8,122
(c) All other alloys	9,139	2,350	6,862	1,974

* - 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.

Primary Iron and Steel

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Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, October, 1953 and 1954, and Ten Months Ended October, 1954

	October 1953	October 1954	Ten months ended October, 1954
(Net tons of 2,000 pounds)			
Pig iron	207,319	151,910	1,449,936
Scrap - Own make	108,411	81,047	218,689
Purchased	84,945	62,219	524,398

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

	Annual capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth	3,919,200
Electric	738,300
Total ingots	4,657,500
Steel castings	334,275
Total ingots and castings	4,991,775

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		
<u>1954</u>							
January	214,999		290,487	8,413	298,900		
February	182,050		258,765	8,146	266,911		
March	200,763	26,000 (x)	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	27,804 (*)	264,470	7,523	271,993		
July	174,403		255,328	5,126	260,454		
August	166,580		235,984	5,520	241,504		
September	156,373	27,005 (+)	241,553	5,805	247,358		
October	181,895		274,421	4,899	279,320		
Total ten months	1,817,323		2,562,383	69,494	2,631,877		

(x) First quarter.

(*) Second quarter.

(+) Third quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 211,310 net tons in October, 1954, compared with 291,387 tons in October, 1953. The October, 1954, shipments included 2,700 tons of semi-finished shapes, 15,169 tons of structurals, 17,487 tons of plates, 17,826 tons of rails, 529 tons of tie plates and track material, 31,992 tons of hot rolled bars, 21,456 tons of pipes and tubes, 30,221 tons of wire rods, 27,601 tons of black sheets, 8,316 tons of galvanized sheets, 4,377 tons of castings, and 33,636 tons of other rolled products. The amount of producers' interchange was 103,817 tons in October, 1954, as against 117,978 tons in October, 1953.

Of the amounts shipped for sale during October, 27,003 tons went direct to railways and railway car shops; 15,145 tons went to pressing, forming and stamping plants; 37,906 tons to merchant trade products; 30,608 tons to building construction; 13,682 tons to the containers industry; 4,759 tons to agricultural equipment; 12,208 tons to the automotive industry; 13,442 tons to machinery plants; 807 tons to shipbuilding; 8,827 tons to mining, lumbering, etc.; and 5,434 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 37,245 tons, and exports for 4,244 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 103,817 tons in October, 1954.

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

	Production (Including producers' interchange)	Shipments	
		For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	3,449	2,181	1,256
Other semi-finished shapes, not for re-rolling by makers	3,546	16	8,939
Structural shapes and piling	14,454	15,169	-
Plates	17,571	17,464	-
Rails	16,794	17,826	-
Tie plates and track material:			
Splice bars	-	19	-
Tie plates	398	404	-
Spikes	89	106	-
Concrete reinforcing bars	12,851	12,257	-
Hot rolled bars for cold finishing	1,049	-	1,054
Other hot rolled bars	27,464	27,058	87
Pipes and tubes	20,653	21,456	-
Wire rods	30,037	30,163	101
Hot rolled black sheets	64,825	12,221	52,262
Cold reduced black sheets	24,179	15,380	6,026
Cold reduced strip	1,805	1,600	103
Galvanized sheets	7,731	8,316	-
Steel castings	3,324	3,220	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	56,210	18,772	33,676
Total carbon steel	306,429	203,628	103,504
<u>Alloy steel</u>			
Billets, etc., for forging	409	503	-
Other semi-finished shapes, not for re-rolling by makers	301	-	301
Plates	5	23	-
Hot rolled bars for cold finishing	-	-	-
Other hot rolled bars	5,265	4,934	12
Wire rods	83	58	-
Steel castings	1,182	1,157	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,120	1,007	-
Total alloy steel	8,365	7,682	313

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

	Production (Including producers' interchange)	Shipments For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	51,048	28,393	23,212
Other semi-finished shapes, not for re-rolling by makers	87,376	1,186	92,452
Structural shapes and piling	109,702	113,545	-
Plates	162,816	160,794	31
Rails	221,712	224,047	-
Tie plates and track material: Splice bars	11,563	12,292	-
Tie plates	36,099	36,140	-
Spikes	9,013	9,568	-
Concrete reinforcing bars	133,448	127,448	-
Hot rolled bars for cold finishing	7,931	-	7,917
Other hot rolled bars	311,713	246,280	55,720
Pipes and tubes	184,712	200,807	11
Wire rods	220,115	219,574	802
Hot rolled black sheets	613,499	121,618	497,521
Cold reduced black sheets	196,598	136,741	59,797
Cold reduced strip	15,713	13,937	601
Galvanized sheets	86,808	89,104	14
Steel castings	49,690	49,983	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	613,426	286,370	327,396
Total carbon steel	3,122,982	2,077,827	1,065,474

Alloy steel

Billets, etc., for forging	5,715	5,652	-
Other semi-finished shapes, not for re-rolling by makers	1,995	-	1,995
Plates	414	447	-
Hot rolled bars for cold finishing	-	-	-
Other hot rolled bars	43,610	41,736	147
Wire rods	802	822	3
Steel castings	17,065	16,843	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	8,868	8,242	-
Total alloy steel	78,469	73,742	2,145

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

	October, 1954		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries	7,978	4,230	74,761	39,257
Agricultural, including farm machinery ..	4,710	49	56,279	1,313
Building construction	30,507	101	292,959	479
Containers industry	13,676	6	242,307	177
Machinery and tools	12,752	690	118,052	7,345
Merchant trade products	37,734	172	278,636	2,216
Mining, lumbering, etc.	8,081	746	108,283	8,083
National defence	2,164	278	26,563	4,309
Pressing, forming and stamping	15,060	85	127,182	803
Public works and utilities	1,535	60	16,583	458
Railway operating	19,774	55	301,053	916
Railway cars and locomotives	6,596	578	99,614	2,003
Shipbuilding	754	53	11,566	399
Miscellaneous and unclassified	1,231	166	11,693	1,426
Wholesalers and warehouses	37,152	93	290,534	1,000
Direct export (a) to British Empire	428	54	3,980	490
(b) to other countries	3,496	266	17,782	3,068
Total shipped for sale	203,628	7,682	2,077,827	73,742
Producers' interchange	103,504	313	1,065,474	2,145

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

Commodity	Country of origin	October, 1954			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pig iron -							
Basic	United States	-	-	-	171	-	-
	United Kingdom	-	-	-	2,810	-	-
	South Africa	-	-	-	171	-	-
Malleable	United States	-	-	-	510	-	-
Silvery	United States	58	-	-	2,181	-	-
Foundry	United States	286	-	-	1,017	-	-
	United Kingdom	-	-	-	112	-	-
	Spain	-	-	-	5,462	-	-
	Australia	-	-	-	335	-	-
Ingots	United States	-	108	-	532	854	-
Billets, blooms, slabs and sheet bars.	United States	132	33	10.9	1,370	269	64.7
	United Kingdom	-	9	-	11	76	-
	Belgium	-	-	-	1,000	-	-
Tube rounds and tube billets	United States	-	-	-	1,051	-	-
Bars and sections -							
Hot rolled, n.o.p.	United States	1,682	181	19.4	19,775	2,268	128.7
	United Kingdom	517	61	27.6	2,106	337	170.4
	Belgium	815	-	-	14,915	-	-
	Austria	-	-	-	-	60	-
	France	485	-	-	5,871	-	-
	Germany	-	-	-	723	-	-
Hot rolled -							
For agricultural implements	United States	304	-	-	1,987	23	-
Rounds over 4 ⁷ / ₈ ", squares over 4".	United States	63	3	-	941	50	.6
	United Kingdom	73	4	-	435	28	1.8
Angles, channels, etc.	United States	194	-	3.3	4,259	-	41.4
	United Kingdom	7	-	-	328	-	-
	Belgium	429	-	-	2,659	-	-
	Germany	-	-	-	30	-	-
	France	153	-	-	963	-	-
	Sweden	-	-	-	-	-	3.0
Structurals (bar sizes) for agricultural implements	United States	10	-	-	241	-	-
Sash or casement sections	United States	234	-	-	2,081	-	-
	United Kingdom	17	-	-	156	-	-
	Belgium	11	-	-	82	-	-

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

Commodity	Country of origin	October, 1954			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
Bars and sections (concluded) -							
Cold finished, n.o.p.	United States	338	9	11.7	3,386	285	125.1
	United Kingdom	141	-	1.9	987	7	40.4
	Belgium	19	-	-	225	-	-
	Sweden	-	-	-	-	115	-
	France	-	-	-	481	-	-
Cold finished, for agricultural implements							
Tool steel	United States	119	-	-	1,311	16	-
	United States	2	32	-	34	391	-
	United Kingdom	6	28	-	219	462	-
	Germany	-	-	-	-	10	-
	Austria	-	-	-	-	13	-
Structurals							
	United States	16,772	-	-	198,960	-	-
	United Kingdom	1,825	-	-	5,333	-	-
	Belgium	1,674	-	-	12,639	-	-
	France	1,575	-	-	8,788	-	-
	Germany	114	-	-	1,178	-	-
Plates -							
78" and under in width	United States	1,894	22	17.5	24,148	462	533.6
	United Kingdom	1,288	-	15.6	15,028	-	202.1
	Germany	-	-	-	183	-	-
	Japan	149	-	-	2,366	-	-
	Belgium	50	-	-	163	-	-
Over 78" and under 100" in width	United States	1,071	19	14.6	22,770	34	106.2
	United Kingdom	370	-	-	8,112	-	-
	France	-	-	-	6	-	-
100" in width and over	United States	1,293	-	.8	5,300	33	157.0
	United Kingdom	107	-	-	412	-	-
	France	-	-	-	22	-	-
Flanged, dished or curved	United States	101	-	-	846	-	-
Boiler, pulp-mill digesters	United States	344	-	-	3,090	-	-
	United Kingdom	-	-	-	18	-	-
Chequered or surface pattern	United States	1,160	-	-	8,197	-	-
	United Kingdom	20	-	-	331	-	-
Sheets -							
Silicon .075 or more	United States	-	676	-	-	11,052	-
	United Kingdom	-	141	-	-	201	-
Galvanized	United States	1,353	-	-	15,229	-	-
	United Kingdom	113	-	-	1,308	-	-
	Belgium	-	-	-	13	-	-
Hot rolled -							
18 gauge and heavier	United States	3,348	10	10.0	38,137	107	94.9
	United Kingdom	21	-	113.9	1,140	-	370.3
	Sweden	-	-	-	-	-	67.8
Lighter than 18 gauge	United States	1	2	.3	23	38	10.3
	United Kingdom	-	-	10.2	-	-	16.7
	Belgium	-	-	-	7	-	-
	Sweden	-	-	-	-	-	.7
Cold rolled -							
18 gauge and heavier	United States	287	-	74.7	6,496	-	879.5
	United Kingdom	-	-	9.1	307	-	607.7
	Sweden	-	-	-	1	-	-
Lighter than 18 gauge	United States	500	-	46.9	8,494	-	1117.9
	United Kingdom	206	-	9.6	1,643	-	194.2
	Sweden	-	-	-	-	-	10.2
Corrugated	United States	209	-	-	4,806	-	-
	United Kingdom	-	-	-	15	-	-
Coated with paint, tar, asphaltum, etc..	United States	18	-	-	902	-	-
For saws	United States	-	67	-	-	433	-
	United Kingdom	-	-	-	-	15	-
	Sweden	-	-	-	-	1	-
For hollow ware (vitreous enamel) ...	United States	634	-	-	6,966	-	-
	United Kingdom	-	-	-	579	-	-
Tin mill black plate	United States	-	-	-	36	-	-
For motor vehicles	United States	1,730	-	-	15,868	-	-
For heating apparatus	United States	-	-	-	106	-	-
For tubes	United States	-	-	-	522	-	-

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

Commodity	Country of origin	October, 1954			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
Sheets (concluded) -		(Tons of 2,000 pounds)					
Tin plate - Primes	United Kingdom	22	-	-	2,734	-	-
	United States	-	-	-	221	-	-
Electrolytic 25# coating..	United States	93	-	-	274	-	-
	United Kingdom	-	-	-	2,135	-	-
Terne plate - Long	United States	202	-	-	2,979	-	-
Short	United States	150	-	-	1,663	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	203	-	-	3,701	51	1.6
	United Kingdom	-	-	-	151	-	-
	Belgium	-	-	-	184	-	-
	France	-	-	-	22	-	-
Lighter than 18 gauge	United States	10	-	-	333	-	-
	United Kingdom	-	-	-	25	-	-
Cold rolled -							
18 gauge and heavier	United States	44	40	20.3	1,144	264	125.6
	United Kingdom	7	-	-	74	-	4.0
Lighter than 18 gauge	United States	190	39	68.0	1,783	219	1100.6
	United Kingdom	7	-	-	295	-	24.6
	Sweden	-	53	.3	4	100	3.8
	Belgium	-	-	-	10	-	-
For cold rolling	United States	-	-	-	189	-	-
For saws	United States	-	12	-	1	325	-
	United Kingdom	-	-	-	-	3	-
	Sweden	-	10	-	-	93	-
For tubes	United States	-	-	-	200	-	-
For tubular products	United States	58	-	-	183	-	-
For motor vehicles	United States	701	-	-	10,540	-	-
For hoops	United States	-	-	-	474	-	-
	United Kingdom	23	-	-	251	-	-
	Sweden	-	-	-	5	-	-
For shoe and corset laces, etc.	United States	-	-	-	5	-	-
	United Kingdom	-	-	-	2	-	-
Coated with paint, tar, asphaltum, etc...	United States	440	-	-	5,232	-	-
	United Kingdom	6	-	-	13	-	-
	Germany	7	-	-	21	-	-
Silicon .075 or more	United States	-	386	-	-	4,271	-
	United Kingdom	-	-	-	-	4	-
For butt hinges	United States	37	-	-	610	-	-
Galvanized	United States	291	-	-	3,129	-	-
	United Kingdom	118	-	-	529	-	-
	Belgium	-	-	-	9	-	-
Skelp -							
15 ³ / ₈ " and under in width	United States	4,321	-	-	41,387	-	-
	Belgium	2,642	-	-	3,946	-	-
Over 15 ³ / ₈ " in width	United States	490	-	-	5,900	-	-
	Belgium	-	-	-	1,109	-	-
Pipes and tubes -							
Cast	United States	37	-	-	716	-	-
	United Kingdom	1,276	-	-	28,465	-	-
	Germany	-	-	-	37	-	-
For bedstead	France	-	-	-	2	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	230	24	21.8	1,877	113	261.8
	United Kingdom	402	-	-	1,827	-	-
	Switzerland	-	-	-	112	-	-
	Germany	-	-	-	25	-	-
Cold drawn	United States	26	-	-	222	12	12.2
	United Kingdom	18	-	-	474	2	-
	Sweden	-	-	-	11	-	-
Welded	United States	95	-	-	1,374	22	2.2
	United Kingdom	62	-	-	690	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	379	231	22.2	4,049	2,874	222.1
	United Kingdom	70	4	15.6	1,053	27	144.4
	Sweden	-	55	1.7	86	427	9.9

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

Commodity	Country of origin	October, 1954			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
Pipes and tubes (concluded) -		(Tons of 2,000 pounds)					
Seamless, 12" and under in diameter (concluded) -							
Hot finished	United States	685	9	45.7	6,358	277	134.3
	United Kingdom	21	-	-	5,755	13	-
	Germany	7	-	-	101	-	-
	Italy	11	-	-	19	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	81	-	-	6,340	14	-
	United Kingdom	-	3	-	5,044	3	-
Welded, 4" and under in diameter ..	United States	575	-	3.2	7,695	-	57.4
	United Kingdom	513	-	-	5,772	-	-
	France	26	-	-	144	-	-
	Germany	84	-	-	544	-	-
	Holland	-	-	-	17	-	-
	Belgium	-	-	-	61	-	-
	Netherlands	7	-	-	7	-	-
Welded, over 4" in diameter	United States	401	-	.4	105,689	-	17.2
	United Kingdom	36	-	-	17,453	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	18	-	-	227	-	-
Spiral welded	United States	159	-	-	4,626	-	-
Conduit	United States	255	-	-	3,355	-	-
Casings	United States	2,536	-	-	44,833	-	-
	United Kingdom	678	-	-	21,156	-	-
	Germany	-	-	-	6,533	-	-
	Italy	102	-	-	4,144	-	-
	Japan	1,264	-	-	4,815	-	-
	France	168	-	-	338	-	-
Wire rope	United States	12	-	-	531	-	2.0
	United Kingdom	52	-	-	1,365	-	-
	Germany	104	-	-	480	-	-
	Belgium	30	-	-	159	-	-
	Holland	-	-	-	178	-	-
	Norway	-	-	-	4	-	-
	Sweden	-	-	-	2	-	-
	Netherlands	-	-	-	4	-	-
Wire - For rope	United States	371	-	1.8	2,015	-	3.8
	United Kingdom	626	-	-	8,050	-	1.7
	Norway	-	-	-	70	-	-
	Germany	21	-	-	21	-	-
For springs, cushions, mattresses, etc.	United States	21	-	-	1,484	-	-
For corset clasps, dress stays, etc.	United States	4	-	-	62	-	-
	United Kingdom	-	-	-	5	-	-
Coated or covered	United States	72	-	-	449	-	-
	United Kingdom	23	-	-	275	-	-
	Belgium	-	-	-	30	-	-
	Germany	-	-	-	136	-	-
	Norway	-	-	-	6	-	-
All other	United States	125	6	5.7	1,415	195	18.8
	United Kingdom	42	-	-	465	-	.7
	Belgium	55	-	-	302	-	-
	Germany	11	-	-	27	-	-
	Sweden	-	-	-	-	3	5.2
	France	33	-	-	132	-	-
	Holland	155	-	-	155	-	-
Wire rods, not over $\frac{3}{8}$ " in diameter	United States	-	-	-	622	-	-
	United Kingdom	216	-	-	4,068	-	-
	Belgium	193	-	-	1,128	-	-
	Germany	386	-	-	3,153	-	-
	Sweden	-	-	-	36	-	-
Welding wire and welding rods	United States	1	129	-	766	864	-
	United Kingdom	-	2	-	-	3	-
	Sweden	-	-	-	-	9	-

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

Commodity	Country of origin	October, 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	-	-
Tires - For railway rolling stock	United States	-	-	-	39	-	-
	United Kingdom	30	-	-	1,200	-	-
Wheels - For railway rolling stock	United States	-	-	-	86	-	-
	United Kingdom	1,097	-	-	11,504	-	-
Rails -							
60 lb. and under	United States	65	-	-	356	-	-
	United Kingdom	-	-	-	1	-	-
	Belgium	40	-	-	612	-	-
	Germany	-	-	-	163	-	-
	France	-	-	-	38	-	-
Over 60 lb. and including 100 lb. ...	United States	-	-	-	1,290	-	-
	United Kingdom	-	-	-	8,422	-	-
Over 100 lb.	United States	-	-	-	1,140	-	-
	Belgium	-	-	-	26	-	-
Track material -							
Fish plates, angle bars, etc.	United States	25	-	-	1,394	-	-
	United Kingdom	201	-	-	2,264	-	-
	Belgium	4	-	-	33	-	-
	France	-	-	-	1	-	-
	Germany	-	-	-	9	-	-
Switch points, etc.	United States	5	-	-	165	-	-
Total imports	United States	47,545	2,038	399.2	680,882	25,816	5219.4
	All other	21,081	370	205.5	260,404	2,012	1879.7
TOTAL*		68,626	2,408	604.7	941,286	27,828	7099.1

* - 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, October, 1954, and Year to Date

		October, 1954		Year to date	
		(Tons of 2,000 pounds)			
Pig iron		11,302		173,878	
Ingots, blooms and billets		308		2,410	
Bars		352		3,485	
Rods		63		255	
Plates, sheets and strips		2,810		21,248	
Rails		31		1,487	
Structural shapes		33		610	
Pipe and tubing - Wrought iron		3		127	
Cast iron		1		115	
Galvanized		7		48	
Other		51		721	
Castings, iron and steel		916		10,827	
Forgings		71		2,111	
Total		15,948		217,322	