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PRIMARY IRON AND STEELOCTOBER - 1951

Pig Iron - Production of pig iron in Canada amounted to 224,511 tons in October compared with 205,811 tons in the corresponding month of last year. The total for the current month included 180,145 tons of basic iron, 26,309 tons of foundry iron and 18,057 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in October amounted to 21,151 tons compared with 22,977 tons in the previous month and with 16,959 tons in October 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 October totalled 309,414 tons compared with 293,928 tons in October of last year. Output in the month under review included 298,159 tons of ingots and 11,255 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During October, 1950 and 1951

	October, 1950		October, 1951	
	Tonnage made (★)	Tonnage sold	Tonnage made (★)	Tonnage sold
	(Net tons of 2,000 pounds)			
<u>Pig iron -</u>				
Basic	149,571	13,526	180,145	26,308
Foundry	16,319	15,285	26,309	23,632
Malleable	39,921	39,595	18,057	22,301
Total Pig Iron	205,811	68,406	224,511	72,241
<u>Ferro-alloys</u>	16,959	#	21,151(+)	#

(#) Not recorded

(+) Partly estimated.

(★) Includes amounts for sale and for own use.

Table 2 - Cumulative Production and Sales for the Ten Months Ended October, 1950 and 1951

	1950		1951	
	Tonnage made (★)	Tonnage sold	Tonnage made (★)	Tonnage sold
	(Net tons of 2,000 pounds)			
<u>Pig iron -</u>				
Basic	1,464,583	63,563	1,645,568	136,183
Foundry.....	186,760	183,236	252,471	247,165
Malleable	251,919	250,555	210,607	215,083
Total Pig Iron	1,903,262	497,354	2,108,646	598,431
<u>Ferro-alloys</u>	149,314	#	203,358	#

(#) Not recorded.

(★) Includes amounts for sale and for own use.

Table 3 - Iron Blast Furnace Charges During October, 1950 and 1951 and Ten Months Ended October, 1951

	October	October	Ten months ended
	1950	1951	October, 1951
	(Net tons of 2,000 pounds)		
Iron ore	364,113	396,052	3,648,449
Mill cinder, scale, sinter, etc.	42,973	44,048	432,887
Limestone	78,919	86,046	781,462
Dolomite	13,157	17,653	137,177
Coke	190,982	212,061	1,954,866
Scrap iron and steel	7,905	6,097	62,036

Table 4 - Iron Blast Furnaces

Name of Company	Location of furnaces	Number of stacks	Total annual capacity (net tons)
Dominion Foundries & Steel Ltd. ..	Hamilton, Ontario	1	280,000
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	1,035,000
Total		15	3,025,000

Table 5 - Description of Iron Blast Furnaces at End of October, 1951

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	14	2,889,950	95.5
Banked .....	...	...	...
Blown out	1	135,050	4.5
Total	15	3,025,000	100.0

(b) Steel Ingots and Steel Castings

Table 6 - Production and Sales During October, 1950 and 1951

	October, 1950		October, 1951	
	Tonnage made(★)	Tonnage sold	Tonnage made(★)	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	234,560	14,540	252,221	10,090
Electric	51,094	6,773	45,938	4,994
Total Steel Ingots	285,654	21,313	298,159	15,084
Alloy steel ingots included in above	16,729	...	17,074	14
<u>Steel Castings</u>				
Open hearth - basic	2,041	1,856	2,950	2,566
Converter	10	7	58	32
Electric	6,223	5,215	8,247	6,405
Total Steel Castings	8,274	7,078	11,255	9,003
Alloy steel castings included in above:-				
(a) High alloy, except manganese and abrasion resistant			145	118
(b) High alloy, manganese and abrasion resistant)	1,601	1,069	1,313	1,187
(c) All other alloys			787	245

(★) 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 7 - Cumulative Production and Sales for the Ten Months Ended October, 1950 and 1951

	1950		1951	
	Tonnage made(★)	Tonnage sold	Tonnage made(★)	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	2,293,091	132,320	2,423,298	110,211
Electric	443,749	65,858	440,587	48,017
Total Steel Ingots	2,736,840	198,178	2,863,885	158,228
Alloy steel ingots included in above	158,341	...	174,588	5,378
<u>Steel castings</u>				
Open hearth - basic	16,635	14,961	25,122	22,453
Converter	162	151	210	130
Electric	49,764	38,010	74,524	57,777
Total Steel Castings	66,561	53,122	99,856	80,360
Alloy steel castings included in above (x)	15,287	9,133	20,027	12,006

(★) Includes amounts for sale and for own use.

(x) Breakdown not available for full period.

Table 8 - Pig Iron and Scrap Charged to Steel Furnaces During October, 1950 and 1951, and Ten Months Ended October, 1951

	October	October	Ten months ended
	1950	1951	October, 1951
	(Net tons of 2,000 pounds)		
Pig iron	144,074	157,500	1,515,893
Scrap - Own make	84,849	85,156	820,848
Purchased	87,952	91,610	890,529

Table 9 - Steel Furnace Capacity at End of October, 1951

	Annual Capacity	
	(Net tons of 2,000 pounds)	
Ingots - Basic open hearth		2,948,900
Electric		682,000
Total Ingots		<u>3,630,900</u>
Steel castings		<u>305,200</u>
Total Ingots and Castings		<u>3,936,100</u>

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1950 and 1951

Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
	(Net tons of 2,000 pounds)				
<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	276,423
July	194,016	16,118	259,025	5,165	264,190
August	201,830	19,018	275,099	6,213	281,312
September	199,415	17,765	266,997	7,950	274,947
October	205,811	16,959	285,654	8,274	293,928
November	208,301	16,920	279,754	9,734	289,488
December	198,169	15,341	281,474	9,768	291,242
Total	<u>2,309,732</u>	<u>181,575</u>	<u>3,298,068</u>	<u>86,063</u>	<u>3,384,131</u>
<u>1951</u>					
January	201,086	19,062	299,410	10,243	309,653
February	193,227	14,914	271,222	10,158	281,380
March	220,603	19,451	304,281	10,545	314,826
April	211,112	19,552	301,764	10,241	312,005
May	218,989	23,542	302,928	10,384	313,312
June	213,184	19,774	283,664	9,851	293,515
July	210,263	17,608	266,646	7,956	274,602
August	203,186	25,327	277,931	8,873	286,804
September	212,485	22,977	257,880	10,350	268,230
October	224,511	21,151	298,159	11,255	309,414
Total - Ten Months	<u>2,108,646</u>	<u>203,358</u>	<u>2,863,885</u>	<u>99,856</u>	<u>2,963,741</u>

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 269,539 net tons in October, 1951 compared with 257,802 tons in October, 1950. The October shipments included 5,664 tons of semi-finished shapes, 18,763 tons of structurals, 16,958 tons of plates, 15,552 tons of rails, 6,697 tons of tie plates and track material, 49,568 tons of hot rolled bars, 24,385 tons of pipes and tubes, 30,550 tons of wire rods, 25,322 tons of black sheets, 9,109 tons of galvanized sheets, 10,394 tons of castings, and 49,934 tons of other rolled products. The amount of producers' interchange was 136,233 tons in October, 1951 as against 123,547 tons in October, 1950.

Of the amounts shipped for sale during October, 44,820 tons went direct to railways and railway car shops; 14,816 tons went to pressing, forming and stamping plants; 36,053 tons to merchant trade products; 36,628 tons to building construction; 24,294 tons to the containers industry; 14,081 tons to agricultural equipment; 20,391 tons to the automotive industry; 14,186 tons to machinery plants; 3,546 tons to shipbuilding; 11,903 tons to mining, lumbering, etc., and 11,004 tons to miscellaneous industries, including National Defence and Public Works and Utilities; wholesalers and warehousing accounted for 26,774 tons, and exports for 9,043 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 136,233 tons in October, 1951.

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, October, 1951

	Production		Shipments	
	(including producers' interchange)		For sale	Producers' interchange
	(Tons of 2,000 pounds)			
<u>Carbon Steel</u>				
Billets, etc., for forging	9,116		5,491	3,459
Other semi-finished shapes, not for re-rolling by makers	42,873		5,664	38,309
Structural shapes and piling	20,705		18,763	...
Plates	18,095		16,772	...
Rails	22,061		15,552	...
Tie plates and track material: Splice bars	194		275	...
Tie plates	5,634		5,006	...
Spikes	1,342		1,416	...
Concrete reinforcing bars	15,039		15,248	...
Hot rolled bars for cold finishing	1,472		...	1,429
Other hot rolled bars	46,191		41,634	4,987
Pipes and tubes	22,456		24,385	10
Wire rods	27,694		30,486	22
Hot rolled black sheets	66,090		11,885	54,115
Cold reduced black sheets	19,005		13,437	5,615
Galvanized sheets	9,231		9,109	...
Steel castings	9,089		8,358	...
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, cold reduced strip and axles and all other)	62,263		33,518	28,086
Total - Carbon Steel	398,550		256,999	136,032
<u>Alloy Steel</u>				
Billets, etc., for forging	1,022		1,152	...
Other semi-finished shapes, not for re-rolling by makers	116		...	200
Structural shapes and piling .....	...		...	...
Plates .....	...		186	...
Hot rolled bars for cold finishing .....	...		...	1
Other hot rolled bars	7,226		7,934	...
Pipes and tubes .....	...		...	...
Wire rods	69		64	...
Steel castings	2,246		2,036	...
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, cold reduced strip and axles and all other)	1,118		1,168	...
Total - Alloy Steel	11,797		12,540	201

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 13 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, October and Year to Date, 1951 (Concluded)

	O c t o b e r		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Railway operating	28,974	330	344,566	2,693
Railway cars and locomotives	15,378	138	151,308	2,070
Shipbuilding	3,401	145	32,489	855
Miscellaneous and unclassified	1,430	234	14,763	2,593
Wholesalers and warehouses	26,647	127	269,031	2,285
Direct export (a) to British Empire	307	294	4,107	1,644
(b) to other countries	7,589	853	42,335	6,085
Total Shipped for Sale	256,999	12,540	2,466,657	123,857
Producers' interchange	136,032	201	1,405,726	4,879

Table 14 - Imports of Primary Forms of Iron and Steel, October and Year to Date, 1951

Commodity	Country of origin	O c t o b e r			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Pig iron -							
Basic	United States	...	...	...	1,620	...	...
	Germany	...	...	...	1,471	...	...
Foundry	Germany	...	...	...	10,079	...	...
Malleable	United States	...	...	...	341	...	...
	United Kingdom	169	...	...	169	...	...
Special	United States	...	...	...	485	...	...
	Holland	110	...	...	110	...	...
Ingots	United States	12,203	41	...	67,282	155	...
Billets, blooms, slabs and sheet bars .	United States	9	52	...	550	588	...
	United Kingdom	...	...	...	...	10	...
	Germany	...	...	...	545	...	...
Tube rounds and tube billets	United States	...	...	...	3,977	...	...
Bars and sections -							
Hot rolled, n.o.p.	United States	7,650	437	14.2	37,758	3,268	205.0
	United Kingdom	1,159	156	...	9,428	789	53.7
	Belgium	3,407	...	...	27,644	...	...
	France	2,502	...	...	14,872	...	...
	Japan	...	...	...	860	...	...
	Germany	4,633	...	...	11,284	5	...
	Sweden	...	...	...	43	10	...
	Austria	...	...	...	465	...	...
Hot rolled -							
For agricultural implements	United States	2,453	23	...	12,836	633	...
	United Kingdom	5	...	...	273	...	...
Rounds over 4 $\frac{1}{2}$ " , squares over 4" ..	United States	63	11	...	617	101	...
	United Kingdom	5	...	...	356	52	.5
Angles, channels, etc.	United States	388	...	5.1	5,044	128	39.5
	Belgium	565	...	...	9,848	...	...
	United Kingdom	187	...	...	6,436	...	.6
	France	...	...	...	2,504	...	...
	Germany	...	...	...	889	...	...
Structurals (bar sizes) for agri- cultural implements	United States	474	...	...	4,907	...	2.2
	United Kingdom	...	...	...	830	...	...
	France	...	...	...	152	...	...
	Germany	...	...	...	...	...	...
	Belgium	...	...	...	...	...	...
Sash or casement sections	United States	104	2,950
	Belgium	140	512
	United Kingdom	23	92
	Germany	27

Primary Iron and Steel

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Table 14 - Imports of Primary Forms of Iron and Steel, October and Year to Date, 1951 (Continued)

Commodity	Country of origin	O c t o b e r			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Bars and sections - (concluded)							
Cold rolled, n.o.p.	United States	397	10	1.1	3,847	229	43.4
	United Kingdom	263	...	...	3,069	110	17.3
	Belgium	...	...	...	306	...	...
	Sweden	72	...	...	200	33	...
	Germany	...	...	...	447	...	...
Cold rolled, for agricultural implements	United States	575	...	...	4,393	49	4.0
	United Kingdom	...	...	...	268	16	...
Tool steel	United States	2	69	...	235	1,049	...
	United Kingdom	4	33	...	586	899	...
	Sweden	...	...	...	...	6	...
Structurals	United States	18,143	...	...	149,497	4	1.3
	United Kingdom	3,234	...	...	24,937	2	...
	Belgium	9,577	...	...	58,347	...	...
	France	1,944	...	...	9,126	...	...
	Germany	...	...	...	802	...	...
Plates -							
78" and under in width	United States	10,980	3	15.2	44,954	151	562.8
	United Kingdom	2,319	...	6.2	30,068	13	93.1
	France	1,171	...	106.6	9,409	...	106.6
	Germany	2,248	...	...	7,208	...	...
	Japan	...	...	...	635	...	...
Over 78" and under 100" in width	Belgium	1,458	...	...	11,348	...	...
	United States	2,568	...	...	18,022	34	51.1
	United Kingdom	1,532	...	25.1	23,992	...	28.7
	Belgium	...	...	...	327	...	...
	France	...	...	...	244	...	...
100" in width and over	Austria	...	...	...	27	...	...
	Germany	276	...	...	544	...	...
	United States	236	...	...	4,695	19	4.5
	United Kingdom	37	...	...	653	...	...
Flanged, dished or curved	Belgium	...	...	...	436	...	...
	United States	419	...	.2	2,169	...	26.3
Boiler, pulp-mill digesters	United Kingdom	73	...	...	813	...	...
	United States	146	...	...	4,118	...	36.2
Chequered or surface pattern	United Kingdom	204	...	...	2,033	...	...
	Belgium	...	...	...	21	...	...
	France	...	...	...	27	...	...
Painted	United States	354	...	...	4,495	...	...
	United Kingdom	...	...	...	889	...	...
	United States	...	...	...	2	...	...
Sheets -							
Silicon .075 or more	United States	...	2,481	...	...	22,063	...
	United Kingdom	...	158	...	...	1,322	...
Galvanized	United States	913	...	...	9,368	...	...
	United Kingdom	211	...	...	3,760	...	...
	France	15	...	...	299	...	...
	Germany	...	...	...	63	...	...
	Belgium	...	...	...	270	...	...
Hot rolled -							
18 gauge and heavier	United States	4,442	112	21.1	66,780	384	663.8
	Germany	912	...	...	8,890	...	5.9
	Belgium	451	...	...	14,917	...	...
	United Kingdom	499	...	11.6	7,997	75	189.9
	France	180	...	...	6,916	...	...
	Sweden	...	...	...	155	...	...
	Japan	15	...	...	870	...	...

Table 14 - Imports of Primary Forms of Iron and Steel, October and Year to Date, 1951 (Continued)

Commodity	Country of origin	O c t o b e r			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Sheets - (concluded)							
Hot rolled -							
Lighter than 18 gauge	United States	333	39	30.3	5,212	130	172.4
	United Kingdom	187	...	...	1,613	3	22.4
	Belgium	...	...	...	2,504	...	...
	France	...	...	...	1,638	...	...
	Japan	...	...	...	572	...	...
	Germany	...	...	...	905	...	...
For hollow ware (vitreous enamel)	United States	316	...	...	2,724	...	...
	United Kingdom	...	...	...	33	...	...
	Belgium	...	...	...	55	...	...
	France	...	...	...	1,158	...	...
	Germany	...	...	...	426	...	...
Corrugated	United States	265	...	...	3,629	...	...
	United Kingdom	...	...	...	242	...	...
Coated with paint, tar, asphaltum, etc.	United States	31	...	...	748	...	...
	Germany	18	...	...	46	...	...
For saws	United States	28	126	...	188	973	...
	United Kingdom	...	45	...	5	116	...
For cold rolled strip	United States	...	...	...	153	...	...
For tubes	United States	...	...	...	1,320	...	...
Cold rolled -							
18 gauge and heavier	United States	2,606	...	171.6	16,646	26	1,078.3
	United Kingdom	553	...	39.6	3,776	26	111.9
	Belgium	...	...	...	191	4	...
	Italy	...	...	...	827	...	...
	Germany	...	...	...	823	...	...
	France	...	...	...	304	...	...
Lighter than 18 gauge	United States	3,433	...	247.3	33,600	61	1,786.6
	United Kingdom	348	...	.8	3,267	1	81.4
	Sweden	...	...	...	1	...	...
	France	...	...	...	297	...	...
	Belgium	...	...	...	2,475	...	...
	Germany	...	...	...	329	...	...
For hollow ware (vitreous enamel) .	United States	411	...	...	9,467	...	...
	United Kingdom	269	...	...	2,385	...	...
	France	...	...	...	175	...	...
	Belgium	...	...	...	649	...	...
	Germany	...	...	...	474	...	...
Black plate - Tin mill	United States	17	...	...	688	...	...
	United Kingdom	...	...	...	76	...	...
Coated with paint, tar, asphaltum, etc.	United States	135	...	...	443	...	...
	United Kingdom	...	...	...	83	...	...
	Sweden	...	...	...	25	...	...
	Germany	45	...	...	45	...	...
For heating apparatus	United States	213	...	...	819	...	...
For saws	United States	1	4	...	87	104	...
	Sweden	...	...	...	1	9	...
For tubes	United States	1,333	...	...	6,478	...	...
Tin plate - Primes							
	United States	7	...	...	151	...	...
	United Kingdom	41	...	...	532	...	...
Seconds	United Kingdom	...	...	...	20	...	...
Electrolytic 25#	United States	60	...	...	398	...	...
Terne plate - Long							
	United States	345	...	...	4,586	...	...
	United Kingdom	...	...	...	108	...	...
Short	United States	143	...	...	2,342	...	...
	United Kingdom	...	...	...	121	...	...

Table 14 - Imports of Primary Forms of Iron and Steel, October and Year to Date, 1951 (Continued)

Commodity	Country of origin	O c t o b e r			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Strip -							
Hot rolled -							
18 gauge and heavier	United States	1,968	2	4.3	13,604	35	29.0
	Belgium	86	...	...	964	...	...
	United Kingdom	46	6	16.4	743	8	16.4
	France	...	...	...	225	...	...
	Germany	...	...	...	147	...	...
Lighter than 18 gauge	United States	247	5	...	1,120	5	46.9
	United Kingdom	...	...	...	75	...	...
	Belgium	...	...	...	346	...	...
For cold rolling	United States	185	...	...	2,031	...	...
	United Kingdom	...	...	...	13	...	...
Painted	United States	676	...	...	2,689	...	...
	United Kingdom	7	...	...	7	...	...
For shoe and corset laces, buckles, ball bearings, etc.	United States	98	...	...	1,045	30	...
For saws	United States	2	30	...	239	372	...
	United Kingdom	...	...	...	3	7	...
	Sweden	...	...	...	18	...	...
For motor vehicles	United States	1,657	...	...	15,736	...	...
	Belgium	...	...	...	20	...	...
For hoops	United States	62	...	...	2,050	...	...
	United Kingdom	...	...	...	711	...	...
	Belgium	475	...	...	1,355	...	...
	Sweden	...	...	...	6	...	...
For tubes	United States	23	4	...	1,328	4	...
	Belgium	...	...	...	619	...	...
For tubular products	United States	...	...	...	71	...	...
Silicon .075 or more	United States	...	...	...	...	1,805	...
Cold rolled -							
18 gauge and heavier	United States	601	14	50.5	4,630	112	397.2
	United Kingdom	79	...	...	476	1	1.3
	Sweden	...	...	...	21	...	6.6
	Germany	...	...	...	6	...	...
	Belgium	...	...	...	98	...	...
Lighter than 18 gauge	United States	517	4	107.8	5,266	151	1,390.9
	Sweden	6	...	...	473	72	...
	United Kingdom	118	1	...	394	7	...
	France	...	...	...	107	...	...
	Belgium	...	...	...	25	4	...
	Germany	70	...	...	238	...	...
Painted	United States	563	...	...	4,671	...	...
	Germany	...	...	...	46	...	...
	United Kingdom	...	...	...	7	...	...
For shoe and corset laces, buckles, ball bearings, etc.	United States	34	...	...	504	...	...
	United Kingdom	...	...	...	117	...	...
For saws	United States	3	20	...	100	209	...
	Sweden	3	5	...	3	88	...
	United Kingdom	...	...	...	2	...	...
For tubes	United States	1,283	...	...	3,978	...	...
	France	...	...	...	271	...	...
	Germany	...	...	...	48	...	...
	Belgium	...	...	...	329	...	...
For tubular products	United States	73	...	...	1,916	...	.6
For butt hinges	United States	44	...	...	1,267	...	...
	United Kingdom	...	...	...	26	...	...
Silicon .075 or more	United States	...	...	...	...	50	...
For hoops	United States	14	...	...	64	...	...
	United Kingdom	...	...	...	7	...	...
Galvanized strip	United States	250	...	...	4,350	...	...
	United Kingdom	38	...	...	485	...	...
	Germany	...	...	...	110	...	...

Table 14 - Imports of Primary Forms of Iron and Steel, October and Year to Date, 1951 (Continued)

Commodity	Country of origin	O c t o b e r			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Skelp -							
15 ³ / ₈ " in width	United States	7,511	...	...	86,187	...	...
	France	987	...	...	3,343	...	...
	Belgium	1,790	...	...	11,946	...	...
	United Kingdom	8,204	...	...	18,789	...	...
Over 15 ³ / ₈ " in width	United States	...	...	...	1,018	...	...
	Germany	...	...	...	411	...	...
Plate	United States	1,294	...	...	2,774	...	...
Pipes and tubes -							
Cast	United States	35	...	...	804	...	...
	United Kingdom	936	...	...	13,090	...	...
	Germany	...	...	...	2,845	...	...
	Sweden	...	...	...	231	...	...
Bedstead	United States	...	...	...	311	...	.2
	France	...	...	...	22	...	...
	United Kingdom	...	...	...	42	...	...
	Belgium	11	...	...	11	...	...
Repair of pressure parts of boilers -							
Hot finished	United States	617	1	.1	3,391	80	.1
	United Kingdom	167	...	...	2,143	...	...
	Sweden	...	...	...	86	...	...
	France	...	...	...	267	...	...
Cold drawn	United States	40	...	.2	752	94	21.5
	United Kingdom	106	...	...	1,170	2	38.0
	Sweden	...	...	...	20	46	1.7
Welded	United States	7	...	...	722	73	2.9
	United Kingdom	...	...	...	...	...	.6
Seamless, 12" and under in diameter -							
Cold drawn	United States	349	88	13.8	4,896	778	137.6
	United Kingdom	166	16	45.2	1,922	95	167.9
	Sweden	3	...	...	587	...	...
	United States	892	...	5.8	5,866	1,277	8.7
	United Kingdom	341	...	...	4,807	2	...
	Czechoslovakia	...	...	...	1	...	...
	Germany	31	...	...	43	...	...
	France	...	...	...	325	...	...
	Sweden	...	...	...	...	27	...
Hot finished	United States	537	...	...	2,789	5	...
	United Kingdom	5,410	...	...	12,981	...	...
Welded, 4" and under in diameter	United States	504	...	.9	6,404	102	33.1
	United Kingdom	538	...	...	6,204	...	1.6
	Belgium	37	...	...	755	...	...
	Czechoslovakia	...	...	...	43	...	...
	Holland	...	...	...	1,143	...	...
	Germany	18	...	...	26	...	...
	France	...	...	...	130	...	...
Welded, over 4" in diameter	United States	154	...	...	2,472	...	.6
	United Kingdom	820	...	...	1,991	...	...
	Germany	...	...	...	80	...	...
	Belgium	...	...	...	27	...	...
Tubing -							
Not over ¹ / ₂ " diameter, welded and coated	United States	17	...	...	307	...	...
Spiral welded	United States	654	...	...	2,301	...	...
Casings	United States	3,628	...	...	50,777	...	...
	United Kingdom	429	...	...	7,108	...	...
	Germany	2,191
	Netherlands	35
	Belgium	2,071
	France	514

Primary Iron and Steel

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Table 14 - Imports of Primary Forms of Iron and Steel, October and Year to Date, 1951 (Continued)

Commodity	Country of origin	O c t o b e r			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pipes and tubes - (concluded)							
Tubing -							
Fittings and couplings	United States	275	...	3.8	3,933	...	38.3
	United Kingdom	9	...	...	475	...	...
	Germany	...	...	...	58	...	...
Wire rope	United States	48	...	.1	620	...	36.6
	United Kingdom	90	...	...	1,129	...	...
	Belgium	...	...	...	1	...	...
	Germany	2	...	...	219	...	...
	Holland	...	...	...	8	...	...
Wire for rope	United States	1,019	...	.5	7,131	...	.8
	United Kingdom	978	...	...	7,224	...	...
	Norway	...	...	...	30	...	...
	Belgium	147	...	...	189	...	...
	Germany	38	...	...	38	...	...
Wire - For fencing, galvanized	United States	...	...	...	32	...	...
For corset laces, steels, etc. .	United States	12	...	...	135	...	...
	United Kingdom	...	...	...	31	...	...
For spring mattresses, etc.	United States	330	...	...	3,963	...	...
	United Kingdom	...	...	...	120	...	...
	Czechoslovakia	...	...	...	100	...	...
	Belgium	...	...	...	36	...	...
	Germany	...	...	...	43	...	...
Wire cloth and netting	United States	157	...	.2	1,334	...	.5
	United Kingdom	21	...	...	393	...	...
	Germany	3	...	...	39	...	.3
Wire, coated	United States	104	...	...	1,893	...	...
	United Kingdom	35	...	...	178	...	...
	France	...	...	...	106	...	...
	Germany	...	...	...	2	...	...
Wire, all other	United States	690	1	2.2	6,947	171	58.5
	United Kingdom	46	...	...	334	4	17.6
	Germany	15	...	...	462	3	...
	France	...	...	...	92	...	...
	Sweden	1	...	...	47	3	.2
	Belgium	...	...	...	274	...	...
Wire rods, not over 3/8" in diameter	United States	95	...	...	986	...	...
	France	...	...	...	1,784	...	...
	Belgium	276	...	...	1,620	...	...
	Germany	228	...	...	1,552	...	...
	United Kingdom	310	...	...	423	...	...
	Sweden	...	...	...	223	...	...
Welding wire and welding rods	United States	124	28	10.5	871	184	131.1
	United Kingdom	...	...	...	...	1	36.5
Castings -							
For agricultural implements	United States	283	...	...	2,573	...	...
	United Kingdom	...	...	...	15	...	...
For ingot moulds	United States	2,249	...	...	19,988	...	...
	United Kingdom	...	...	...	639	...	...
Malleable	United States	61	...	...	674	...	...
Non-malleable	United States	87	...	...	1,081	...	...
	United Kingdom	14	...	...	15	...	...
Steel	United States	2	...	...	592	179	...
	Norway	14	...	...	34	...	...
	United Kingdom	1	...	...	29	...	...
For railway vehicles	United States	120	...	...	397	...	...
	France	...	...	...	696	...	...

Table 14 - Imports of Primary Forms of Iron and Steel, October and Year to Date, 1951 (Concluded)

Commodity	Country of origin	O c t o b e r			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Castings - (concluded)							
Rolls	United States	351	13	...	2,265	592	...
	United Kingdom	...	...	...	10	22	...
Piston rings (rough)	United States	15	...	...	424	...	...
Forgings							
	United States	167	103	5.4	1,690	891	12.0
	United Kingdom	72	56	...	1,131	456	...
	Germany	...	...	...	39	...	...
Wheels - For railway rolling stock	United States	194	...	...	975	...	...
	United Kingdom	807	...	...	6,632	...	...
Tires - For railway rolling stock	United States	33	...	...	1,207	...	...
	United Kingdom	2,494	...	...	8,685	19	...
Rails - 60 lb. and under	United States	378	...	...	808	...	...
	Belgium	329	...	...	1,195	...	...
	France	...	...	...	67	...	...
	Germany	440	...	...	440	...	...
Over 60 lb and including 100 lb.	United States	1,439	...	...	3,412	...	...
	United Kingdom	815	...	...	4,719	...	...
	Belgium	23	...	...	23	...	...
Over 100 lb.	United States	...	...	...	105	...	...
	United Kingdom	...	...	...	91	...	...
Axles - For railway vehicles	United States	...	...	...	78	...	...
	United Kingdom	...	...	...	119	...	...
Track material -							
Angles, bars, tie plates, rail joints	United States	314	...	...	1,769	...	...
	Belgium	147	...	...	534	...	...
	France	...	...	...	2	...	...
	United Kingdom	146	...	...	837	...	...
	Germany	24	...	...	24	...	...
Intersections, switches, frogs	United States	20	...	...	212	...	...
	Germany	...	...	...	1	...	...
Total Imports	United States	105,302	3,721	712.2	845,146	37,348	7,024.5
	All other	69,949	476	251.5	505,822	4,368	1,000.7
TOTAL		175,251	4,197	963.7	1,350,968	41,716	8,025.2

Table 15 - Exports of Primary Iron and Steel, October and Year to Date, 1951

	October	Year to date
	(Tons of 2,000 pounds)	
Pig iron	36,506	161,034
Ingots, blooms and billets	4,649	29,169
Bars	858	10,019
Rods .....	...	334
Plates, sheets and strips	1,691	24,352
Rails .....	...	...
Structural shapes	661	2,705
Pipe and tubing - Wrought iron	36	3,574
Cast iron	24	778
Galvanized	166	1,625
Other	53	1,375
Castings, iron and steel	1,628	16,084
Forgings	1,438	4,528
Total	47,710	255,577

