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PRIMARY IRON AND STEEL

JULY - 1951

Pig Iron - Production of pig iron in Canada amounted to 210,263 tons in July compared with 194,016 tons in the corresponding month of last year. The total for the current month included 162,899 tons of basic iron, 29,876 tons of foundry iron and 17,488 tons of malleable iron.

Ferro-alloys - Output of ferro-alloys in July amounted to 17,608 tons compared with 19,774 tons in the previous month and with 16,118 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 274,602 tons compared with 264,190 tons in July of last year. Output in the month under review included 266,646 tons of ingots and 7,956 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During July, 1950 and 1951

	July, 1950		July, 1951	
	Tonnage made(*)	Tonnage sold	Tonnage made(*)	Tonnage sold
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic .....	161,002	14,200	162,899	16,331
Foundry .....	13,917	13,036	29,876	24,083
Malleable .....	19,097	19,097	17,488	18,109
Total Pig Iron .....	194,016	46,333	210,263	58,523
<u>Ferro-alloys</u> - .....	16,118	...	17,608	...

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

Table 2 - Cumulative Production and Sales for the Seven Months Ended July, 1950 and 1951

	1950		1951	
	Tonnage made(*)	Tonnage sold	Tonnage made(*)	Tonnage sold
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic .....	1,018,347	42,046	1,135,589	75,580
Foundry .....	120,301	118,253	184,644	183,566
Malleable .....	157,558	157,335	144,170	150,443
Total Pig Iron .....	1,296,206	317,634	1,464,403	409,589
<u>Ferro-alloys</u> - .....	95,572	...	137,920	...

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

Table 3 - Iron Blast Furnace Charges During July, 1950 and 1951 and Seven Months Ended July, 1951

	July 1950	July 1951	Seven months ended July, 1951
	(Net tons of 2,000 pounds)		
Iron ore .....	347,052	348,253	2,533,327
Mill cinder, scale, sinter, etc. ....	37,936	43,928	298,392
Limestone .....	71,720	78,741	542,156
Dolomite .....	12,465	13,808	92,377
Coke .....	171,904	197,542	1,350,884
Scrap iron and steel .....	8,960	7,572	43,262

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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	1,035,000
	Total .....	14	2,745,000

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

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	13	2,609,950	95.1
Banked .....	...	...	...
Blown out .....	1	135,050	4.9
Total .....	14	2,745,000	100.0

(b) Steel Ingots and Steel Castings

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

	July, 1950		July, 1951	
	Tonnage made(*)	Tonnage sold	Tonnage made(*)	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic .....	221,141	17,267	227,859	8,178
Electric .....	37,884	5,407	38,787	3,023
Total Steel Ingots .....	259,025	22,674	266,646	11,201
Alloy steel ingots included in above .....	16,205	...	15,105	64
<u>Steel castings</u>				
Open hearth - basic .....	971	856	1,474	1,302
Converter .....	31	30	21	1
Electric .....	4,163	2,988	6,461	4,848
Total Steel Castings .....	5,165	3,874	7,956	6,151
Alloy steel castings included in above:-				
(a) High alloy, except manganese and abrasion resistant .....			140	112
(b) High alloy, manganese and abrasion resistant .....	1,328	646	924	667
(c) All other alloys .....			669	215

(\*) 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 Seven Months Ended July, 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 .....	1,612,622	90,242	1,713,845	74,732
Electric .....	296,468	46,693	316,070	34,407
Total Steel Ingots .....	1,909,090	136,935	2,029,915	109,139
Alloy steel ingots included in above .....	114,482	...	125,898	5,349
<u>Steel castings</u>				
Open hearth - basic .....	10,995	9,809	16,283	14,551
Converter .....	93	87	114	72
Electric .....	33,036	24,207	52,981	40,818
Total Steel Castings .....	44,124	34,103	69,378	55,441
Alloy steel castings included in above (x)	10,822	6,239	14,256	8,098
(*) Includes amounts for sale and for own use.	(x) Breakdown not available for full period.			

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

	July 1950	July 1951	Seven months ended July, 1951
(Net tons of 2,000 pounds)			
Pig iron .....	140,999	148,530	1,068,876
Scrap - Own make .....	72,221	71,683	575,767
Purchased .....	72,322	78,899	634,226

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

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

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

Month	Pig Iron	Ferro-alloys	Steel		
			Ingot	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 .....	2,309,732	181,575	3,298,068	86,063	3,384,131
<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
Total - Seven months	1,464,403	137,920	2,029,915	69,378	2,099,293

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 242,633 net tons in July, 1951 compared with 221,792 tons in July, 1950. The July shipments included 473 tons of semi-finished shapes, 12,458 tons of structurals, 14,765 tons of plates, 19,597 tons of rails, 9,103 tons of tie plates and track material, 41,836 tons of hot rolled bars, 17,571 tons of pipes and tubes, 25,887 tons of wire rods, 29,569 tons of black sheets, 9,511 tons of galvanized sheets, 8,043 tons of castings, and 47,070 tons of other rolled products. The amount of producers' interchange was 131,687 tons in July, 1951 as against 125,607 tons in July, 1950.

Of the amounts shipped for sale during July, 44,618 tons went direct to railways and railway car shops; 15,198 tons went to pressing, forming and stamping plants; 30,500 tons to merchant trade products; 31,977 tons to building construction; 25,270 tons to the containers industry; 12,457 tons to agricultural equipment; 23,592 tons to the automotive industry; 13,719 tons to machinery plants; 2,597 tons to shipbuilding; 10,864 tons to mining, lumbering, etc., and 7,344 tons to miscellaneous industries, including National Defence and Public Works and Utilities; wholesalers and warehousing accounted for 21,650 tons, and exports for 2,847 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 131,687 tons in July, 1951.

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

	Production (Including producers' interchange)	Shipments For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon Steel</u>			
Billets, etc., for forging .....	8,197	5,168	3,865
Other semi-finished shapes, not for re-rolling			
by makers .....	34,424	473	33,337
Structural shapes and piling .....	13,274	12,458	...
Plates .....	12,576	14,572	...
Rails .....	16,204	19,597	...
Tie plates and track material:			
Splice bars ....	3,856	1,654	...
Tie plates ....	5,940	6,293	...
Spikes ....	1,028	1,156	...
Concrete reinforcing bars .....	13,330	15,245	...
Hot rolled bars for cold finishing .....	452	...	599
Other hot rolled bars .....	41,911	33,706	9,922
Pipes and tubes .....	14,946	17,571	...
Wire rods .....	25,827	25,735	28
Hot rolled black sheets .....	64,683	15,229	50,399
Cold reduced black sheets .....	18,964	14,340	5,342
Galvanized sheets .....	9,775	9,511	...
Steel castings .....	6,224	6,363	...
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) .....	55,344	30,788	27,333
Total - Carbon Steel .....	346,955	229,859	130,825
<u>Alloy Steel</u>			
Billets, etc., for forging .....	852	1,582	...
Other semi-finished shapes, not for re-rolling			
by makers .....	793	...	800
Structural shapes and piling .....	...	...	...
Plates .....	138	193	...
Hot rolled bars for cold finishing .....	31	...	55
Other hot rolled bars .....	10,056	8,130	7
Pipes and tubes .....	...	...	...
Wire rods .....	86	152	...
Steel castings .....	1,820	1,680	...
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) .....	944	1,037	...
Total - Alloy Steel .....	14,720	12,774	862

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 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Seven Months Ended July 1951

	Production (Including producers' interchange)	Shipments	
		For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon Steel</u>			
Billets, etc., for forging .....	64,691	33,490	34,609
Other semi-finished shapes, not for re-rolling by makers .....	293,333	2,391	288,587
Structural shapes and piling .....	124,227	111,667	8
Plates .....	114,600	115,361	...
Rails .....	159,264	160,330	...
Tie plates and track material - Splice bars .....	14,083	11,303	...
Tie plates .....	41,543	40,354	...
Spikes .....	9,739	10,042	...
Concrete reinforcing bars .....	83,932	83,754	...
Hot rolled bars for cold finishing .....	6,085	...	6,159
Other hot rolled bars .....	313,173	264,310	63,738
Pipes and tubes .....	144,022	155,517	4
Wire rods .....	185,804	184,350	346
Hot rolled black sheets .....	502,434	134,542	365,385
Cold reduced black sheets .....	131,941	95,748	33,610
Galvanized sheets .....	65,238	66,157	239
Steel castings .....	55,029	53,325	...
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) .....	425,987	229,612	193,318
Total - Carbon Steel .....	2,735,125	1,752,253	986,003
<u>Alloy Steel</u>			
Billets, etc., for forging .....	10,872	10,381	924
Other semi-finished shapes, not for re-rolling by makers .....	2,778	...	2,785
Structural shapes and piling .....	...	...	...
Plates .....	1,250	1,300	...
Hot rolled bars for cold finishing .....	80	...	62
Other hot rolled bars .....	57,804	54,742	170
Pipes and tubes .....	...	...	...
Wire rods .....	579	601	...
Steel castings .....	14,691	13,805	...
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) .....	7,035	6,555	...
Total - Alloy Steel .....	95,089	87,384	3,941

Table 13 - Producers' Shipments of Primary Iron and Steel Shapes, Subdivided According to Principal  
Consuming Industries, July and Year to Date, 1951

	July		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries .....	15,828	7,764	109,368	50,872
Agricultural, including farm machinery .....	11,953	504	84,958	2,060
Building construction .....	31,946	31	231,292	602
Containers industry .....	25,253	17	178,751	50
Machinery and tools .....	12,752	967	86,620	6,896
Merchant trade products .....	30,234	266	234,513	2,627
Mining, lumbering, etc. ....	9,865	999	67,706	7,051
National defence .....	3,393	227	16,782	3,358
Pressing, forming and stamping .....	15,032	166	107,923	1,559
Public works and utilities .....	2,202	12	16,084(*)	307
Railway operating .....	31,526	344	259,841	1,724
Railway cars and locomotives .....	12,568	180	109,062	1,574

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

	July		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Shipbuilding .....	2,479	118	21,425	352
Miscellaneous and unclassified .....	1,277	233	11,533	1,899
Wholesalers and warehouses .....	21,366	284	196,891	1,692
Direct export (a) to British Empire ....	371	179	2,651	734
(b) to other countries ...	1,814	483	16,853	4,027
Total Shipped for Sale .....	229,859	12,774	1,752,253	87,384
Producers' interchange .....	130,825	862	986,003	3,941

(\*) Revised.

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

Commodity	Country of origin	July			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	...	...	10,079	...	...
Malleable .....	United States	...	...	...	286	...	...
Special .....	United States	...	...	...	313	...	...
Ingots .....	United States	808	...	...	33,227	114	...
Billets, blooms, slabs and sheet bars .	United States	238	135	...	328	402	...
	United Kingdom	...	...	...	...	10	...
	Germany	...	...	...	545	...	...
Tube rounds and tube billets .....	United States	54	...	...	2,739	...	...
Bars and sections -							
Hot rolled, n.o.p. .....	United States	3,106	262	19.2	20,794	2,656	147.2
	United Kingdom	890	96	17.1	6,693	565	51.2
	Belgium	3,805	...	...	13,097	...	...
	France	2,031	...	...	6,296	...	...
	Japan	...	...	...	860	...	...
	Germany	358	...	...	5,489	5	...
	Sweden	...	...	...	1	10	...
	Austria	...	...	...	465	...	...
Hot rolled -							
For agricultural implements .....	United States	705	...	...	8,782	1	...
	United Kingdom	183	...	...	266	...	...
Rounds over 4 <sup>7</sup> ", squares over 4" ..	United States	83	55	...	384	78	...
	United Kingdom	9	28	...	306	52	.5
Angles, channels, etc. .....	United States	118	2	15.7	3,042	33*	33.5*
	Belgium	1,315	...	...	6,333*	...	...
	United Kingdom	1,243	...	...	5,859*	...	.6
	France	963	...	...	2,369*	...	...
	Germany	111	...	...	299*	...	...
Structurals (bar sizes) for agri- cultural implements .....	United States	186	...	...	3,845	...	2.2*
	United Kingdom	112	...	...	830*	...	...
	France	...	...	...	152*	...	...
	Germany	...	...	...	...	...	...
	Belgium	...	...	...	...	...	...
Sash or casement sections .....	United States	63	...	...	2,213	...	...
	Belgium	...	...	...	289	...	...
	United Kingdom	...	...	...	69	...	...
Cold rolled, n.o.p. .....	United States	381	14	20.0	2,746	161	41.0
	United Kingdom	189	82	...	2,467	109	16.1
	Belgium	30	...	...	105	...	...
	Sweden	...	33	...	122	33	...
	Germany	106	...	...	106	...	...

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

Commodity	Country of origin	July			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Bars and sections - (concluded)							
Cold rolled, for agricultural implements	United States	614	22	...	3,181	32	4.0
	United Kingdom	10	...	...	217	16	...
Tool steel	United States	7	68	...	120	642	...
	United Kingdom	14	175	...	560	651	...
	Sweden	...	...	...	...	6	...
Structurals	United States	14,653	...	...	99,536	1	1.3
	United Kingdom	1,885	1	...	15,482	2	...
	Belgium	5,974	...	...	34,257	...	...
	France	1,623	...	...	4,502	...	...
	Germany	...	...	...	691	...	...
Plates -							
78" and under in width	United States	5,817	14	33.0	20,929	132	221.4
	United Kingdom	1,724	...	3.5	23,307	13	86.1
	Japan	50	...	...	493	...	...
	Germany	641	...	...	1,965	...	...
	France	2,047	...	...	6,918	...	...
	Belgium	2,271	...	...	7,980	...	...
Over 78" and under 100" in width	United States	2,673	...	20.8	10,481	33	33.4
	United Kingdom	2,617	...	...	18,215	...	...
	Belgium	...	...	...	327	...	...
	France	...	...	...	244	...	...
	Austria	...	...	...	27	...	...
100" in width and over	United States	1,418	...	...	3,676	19	3.0
	United Kingdom	89	...	...	610	...	...
	Belgium	...	...	...	436	...	...
Flanged, dished or curved	United States	212	...	.2	1,422	...	21.9
Boiler, pulp-mill digesters	United States	276	...	...	3,376	...	36.2
	United Kingdom	42	...	...	1,447	...	...
	Belgium	...	...	...	21	...	...
	France	...	...	...	27	...	...
Chequered or surface pattern	United States	272	...	...	2,979	...	...
	United Kingdom	37	...	...	889	...	...
Painted	United States	...	...	...	2	...	...
Sheets -							
Silicon .075 or more	United States	...	2,335	...	...	15,060	...
	United Kingdom	...	162	...	...	809	...
Galvanized	United States	930	...	...	5,909	...	...
	United Kingdom	527	...	...	3,046	...	...
	France	138	...	...	249	...	...
	Germany	...	...	...	63	...	...
	Belgium	243	...	...	243	...	...
Hot rolled -							
18 gauge and heavier	United States	6,353	9	32.9	44,888	176	141.3
	Germany	1,765	...	...	5,642	...	5.9
	Belgium	729	...	...	13,246	...	...
	United Kingdom	992	...	40.3	6,701	75	163.1
	France	351	...	...	6,091	...	...
	Sweden	...	...	...	155	...	...
	Japan	27	...	...	844	...	...
Lighter than 18 gauge	United States	621	1	36.3	4,098	83	117.6
	United Kingdom	169	...	5.2	1,372	3	20.3
	Belgium	378	...	...	2,504	...	...
	France	131	...	...	1,638	...	...
	Japan	56	...	...	572	...	...
	Germany	284	...	...	849	...	...

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

Commodity	Country of origin	July			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Sheets - (concluded)							
Hot rolled -							
For hollow ware (vitreous enamel)..	United States	62	...	...	1,778	...	...
	United Kingdom	...	...	...	33	...	...
	Belgium	...	...	...	55	...	...
	France	...	...	...	1,068	...	...
	Germany	161	...	...	278	...	...
Corrugated .....	United States	460	...	...	2,523	...	...
	United Kingdom	...	...	...	152	...	...
Coated with paint, tar, asphaltum, etc. ....	United States	11	...	...	489	...	...
	Germany	...	...	...	28	...	...
For saws .....	United States	...	50	...	85	637	...
	United Kingdom	...	...	...	5	71	...
For cold rolled strip .....	United States	...	...	...	153	...	...
For tubes .....	United States	71	...	...	1,189	...	...
Cold rolled -							
18 gauge and heavier .....	United States	1,714	14	43.7	8,689	22	604.0
	United Kingdom	323	1	11.3	2,087	10	72.3
	Belgium	25	...	...	171	4	...
	Italy	...	...	...	827	...	...
	Germany	39	...	...	823	...	...
	France	58	...	...	255	...	...
Lighter than 18 gauge .....	United States	2,674	5	178.3	21,459	57	1,220.6
	United Kingdom	361	1	1.5	1,874	1	26.8
	Sweden	...	...	...	1	...	...
	France	175	...	...	297	...	...
	Belgium	...	...	...	1,924	...	...
	Germany	...	...	...	259	...	...
For hollow ware (vitreous enamel)..	United States	983	...	...	7,788	...	...
	United Kingdom	276	...	...	1,717	...	...
	France	...	...	...	175	...	...
	Belgium	...	...	...	649	...	...
	Germany	...	...	...	474	...	...
Black plate - Tin mill .....	United States	...	...	...	632	...	...
	United Kingdom	...	...	...	69	...	...
Coated with paint, tar, asphaltum, etc. ....	United States	60	...	...	220	...	...
	United Kingdom	...	...	...	82	...	...
For heating apparatus .....	United States	58	...	...	409	...	...
For saws .....	United States	73	17	...	82	92	...
	Sweden	...	1	...	1	4	...
For tubes .....	United States	1,673	...	...	3,795	...	...
Tin plate - Primes .....	United States	13	...	...	124	...	...
	United Kingdom	92	...	...	432	...	...
Seconds .....	United Kingdom	...	...	...	20	...	...
Electrolytic 25# .....	United States	85	...	...	338	...	...
Terne plate - Long .....	United States	475	...	...	3,353	...	...
	United Kingdom	10	...	...	108	...	...
Short .....	United States	219	...	...	1,695	...	...
	United Kingdom	...	...	...	121	...	...
Strip -							
Hot rolled -							
18 gauge and heavier .....	United States	1,272	...	.3	9,549	27	17.5
	Belgium	415	...	...	862	...	...
	United Kingdom	6	...	...	645	2	...
	France	...	...	...	125	...	...
	Germany	...	...	...	71	...	...
Lighter than 18 gauge .....	United States	52	...	.4	800	...	41.4
	United Kingdom	36	...	...	75	...	...
	Belgium	36	...	...	346	...	...

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

Commodity	Country of origin	July			Year to date			
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less	
(Tons of 2,000 pounds)								
<b>Strip - (concluded)</b>								
Hot rolled -								
For cold rolling .....	United States	197	...	...	1,346	...	...	
	United Kingdom	12	...	...	13	...	...	
Painted .....	United States	...	...	...	1,710	...	...	
For shoe and corset laces, buckles, ball bearings, etc. ....	United States	31	30	...	921	30	...	
For saws .....	United States	...	...	...	229	331	...	
	United Kingdom	...	...	...	3	7	...	
For motor vehicles .....	United States	1,674	...	...	11,658	...	...	
	Belgium	...	...	...	20	...	...	
For hoops .....	United States	296	...	...	1,307	...	...	
	United Kingdom	20	...	...	685	...	...	
	Belgium	576	...	...	779	...	...	
	Sweden	...	...	...	6	...	...	
For tubes .....	United States	...	...	...	847	...	...	
	Belgium	...	...	...	619	...	...	
For tubular products .....	United States	...	...	...	71	...	...	
Silicon .075 or more .....	United States	...	...	...	...	1,805	...	
Cold rolled -								
18 gauge and heavier .....	United States	246	1	41.8	3,025	97	248.7	
	United Kingdom	66	...	...	183	1	1.3	
	Sweden	...	...	...	21	...	6.6	
	Germany	...	...	...	6	...	...	
	Belgium	...	...	...	98	...	...	
Lighter than 18 gauge .....	United States	362	6	141.1	3,905	23	1,139.4	
	Sweden	209	12	...	403	70	...	
	United Kingdom	80	...	...	273	6	...	
	France	24	...	...	107	...	...	
	Belgium	25	...	...	25	4	...	
	Germany	122	...	...	122	...	...	
Painted .....	United States	589	...	...	3,663	...	...	
	Germany	...	...	...	33	...	...	
	United Kingdom	...	...	...	7	...	...	
For shoe and corset laces, buckles, ball bearings, etc. ....	United States	17	...	...	460	...	...	
	United Kingdom	49	...	...	117	...	...	
For saws .....	United States	2	42	...	82	160	...	
	Sweden	...	15	...	...	79	...	
	United Kingdom	...	...	...	2	...	...	
For tubes .....	United States	143	...	...	2,132	...	...	
	France	...	...	...	271	...	...	
	Germany	...	...	...	48	...	...	
	Belgium	329	...	...	329	...	...	
For tubular products .....	United States	68	...	...	870	...	.6	
For butt hinges .....	United States	111	...	...	841	...	...	
Silicon .075 or more .....	United States	...	...	...	...	50	...	
Galvanized strip .....	United States	453	...	...	3,721	...	...	
	United Kingdom	45	...	...	446	...	...	
	Germany	...	...	...	104	...	...	
<b>Skelp -</b>								
15 <sup>3</sup> / <sub>8</sub> " and under in width .....	United States	12,140	...	...	64,598	...	...	
	France	493	...	...	2,356	...	...	
	Belgium	2,994	...	...	7,612	...	...	
	United Kingdom	2,994	...	...	7,020	...	...	
Over 15 <sup>3</sup> / <sub>8</sub> " in width .....	United States	...	...	...	1,018	...	...	
	Germany	...	...	...	411	...	...	
Plate .....	United States	200	...	...	838	...	...	

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

Commodity	Country of origin	July			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pipes and tubes -							
Cast .....	United States	8	...	...	742	...	...
	United Kingdom	1,797	...	...	7,384	...	...
	Germany	...	...	...	2,845	...	...
Bedstead .....	United States	24	...	...	284	...	.2
	France	...	...	...	22	...	...
	United Kingdom	42	...	...	42	...	...
Repair of pressure parts of boilers -							
Hot finished .....	United States	301	.1	...	2,057	79	...
	United Kingdom	523	...	...	1,702	...	...
	Sweden	86	...	...	86	...	...
Cold drawn .....	United States	437	86	19.3	631	93	21.3
	United Kingdom	413	2	38.0	897	2	38.0
	Sweden	...	42	...	20	46	1.7
Welded .....	United States	...	...	...	651	...	.3
Seamless, 12" and under in diameter -							
Cold drawn .....	United States	1,327	...	...	3,497	569	85.9
	Sweden	...	...	...	584	...	...
	United Kingdom	...	...	...	1,390	41	92.7
Hot finished .....	United States	...	85	...	3,734	1,246	2.7
	United Kingdom	661	2	...	3,363	2	...
	Czechoslovakia	...	...	...	1	...	...
	Germany	...	...	...	12	...	...
	France	293	...	...	325	...	...
Seamless, over 12" in diameter -							
Hot finished .....	United States	197	...	...	1,580	5	...
	United Kingdom	...	...	...	4,144	...	...
Welded, 4" and under in diameter ....	United States	331	...	.6	4,826	28	29.5
	United Kingdom	195	...	.9	4,253	...	1.6
	Belgium	111	...	...	718	...	...
	Czechoslovakia	...	...	...	43	...	...
	Holland	...	...	...	1,143	...	...
	Germany	...	...	...	8	...	...
Welded, over 4" in diameter .....	United States	28	...	...	1,597	...	.6
	United Kingdom	153	...	...	389	...	...
	Germany	...	...	...	80	...	...
	Belgium	...	...	...	27	...	...
Tubing -							
Not over $\frac{1}{2}$ " diameter, welded and coated .....	United States	30	...	...	234	...	...
Spiral welded .....	United States	16	...	...	1,027	...	...
Casings .....	United States	4,080	...	...	38,497	...	...
	United Kingdom	1,143	...	...	6,023	...	...
	Germany	159	...	...	2,051	...	...
	Netherlands	...	...	...	35	...	...
	Belgium	487	...	...	1,160	...	...
	France	222	...	...	222	...	...
Fittings and couplings .....	United States	416	...	4.5	2,640	...	24.8
	United Kingdom	3	...	...	433	...	...
	Germany	1	...	...	52	...	...
Wire rope .....	United States	62	...	1.3	490	...	3.3
	United Kingdom	53	...	...	778	...	...
	Belgium	...	...	...	1	...	...
	Germany	...	...	...	216	...	...
	Holland	...	...	...	8	...	...
Wire for rope .....	United States	754	...	.3	3,934	...	.3
	United Kingdom	984	...	...	5,406	...	...
	Norway	...	...	...	30	...	...
Wire - For fencing, galvanized .....	United States	...	...	...	32	...	...
For corset laces, steels, etc. .	United States	3	...	...	112	...	...
	United Kingdom	13	...	...	31	...	...

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

Commodity	Country of origin	July			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Wire - (concluded)							
For spring mattresses, etc. ....	United States	316	...	...	2,638	...	...
	United Kingdom	11	...	...	113	...	...
	Czechoslovakia	...	...	...	100	...	...
	Belgium	20	...	...	36	...	...
	Germany	...	...	...	38	...	...
Wire cloth and netting .....	United States	279	...	...	998	...	.3
	United Kingdom	51	...	...	355	...	...
	Germany	...	...	...	...	...	.3
Wire, coated .....	United States	380	...	...	1,598	...	...
	United Kingdom	7	...	...	106	...	...
	France	...	...	...	106	...	...
	Germany	...	...	...	2	...	...
Wire, all other .....	United States	616	54	.5	5,134	168	51.5
	United Kingdom	54	3	.7	189	4	16.2
	Germany	135	2	...	258	3	...
	France	44	...	...	92	...	...
	Sweden	9	1	...	14	3	.2
	Belgium	...	...	...	238	...	...
Wire rods, not over $\frac{3}{8}$ " in diameter ....	United States	31	...	...	271	...	...
	France	1,175	...	...	1,784	...	...
	Belgium	100	...	...	1,292	...	...
	Germany	249	...	...	888	...	...
	United Kingdom	...	...	...	113	...	...
	Sweden	133	...	...	133	...	...
Welding wire and welding rods .....	United States	275	35	2.9	654	94	101.0
	United Kingdom	...	...	...	...	1	36.5
Castings -							
For agricultural implements .....	United States	370	...	...	1,463	...	...
	United Kingdom	...	...	...	15	...	...
For ingot moulds .....	United States	2,203	...	...	13,671	...	...
	United Kingdom	87	...	...	87	...	...
Malleable .....	United States	77	...	...	408	...	...
Non-malleable .....	United States	63	...	...	847	...	...
	United Kingdom	...	...	...	1	...	...
Steel .....	United States	56	1	...	459	179	...
	Norway	...	...	...	20	...	...
	United Kingdom	22	...	...	22	...	...
For railway vehicles .....	United States	64	...	...	154	...	...
Rolls .....	United States	167	62	...	1,599	347	...
	United Kingdom	...	...	...	10	22	...
Piston rings (rough) .....	United States	72	...	...	347	...	...
Forgings .....	United States	144	24	6.3	1,147	571	6.6
	United Kingdom	121	87	...	715	334	...
	Germany	...	...	...	22	...	...
Wheels - For railway rolling stock ....	United States	...	...	...	122	...	...
	United Kingdom	1,299	...	...	3,969	...	...
Tires - For railway rolling stock ....	United States	...	...	...	145	...	...
	United Kingdom	1,607	...	...	5,460	19	...
Rails - 60 lb. and under .....	United States	57	...	...	222	...	...
	Belgium	135	...	...	817	...	...
	France	...	...	...	67	...	...
Over 60 lb and including 100 lb.	United States	...	...	...	560	...	...
	United Kingdom	2,305	...	...	2,305	...	...
Over 100 lb. ....	United States	...	...	...	85	...	...
Axles - For railway vehicles .....	United States	...	...	...	75	...	...



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

Commodity	Country of origin	July			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Track material -							
Angles, bars, tie plates, rail joints	United States	201	...	...	1,049	...	...
	Belgium	9	...	...	373	...	...
	France	...	...	...	2	...	...
	United Kingdom	181	...	...	691	...	...
Intersections, switches, frogs .....	United States	12	...	...	162	...	...
	Germany	...	...	...	1	...	...
Total Imports .....	United States	79,469	3,430	619.4	549,681	26,333	4,404.5
	All other	71,382	746	118.5	330,984	3,095	638.0
TOTAL .....		150,851	4,176	737.9	880,665	29,428	5,042.5

\* Revised.

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

		July		Year to date	
		(Tons of 2,000 pounds)			
Pig iron .....		17,481		89,793	
Ingots, blooms and billets .....		27		10,964	
Bars .....		899		6,881	
Rods .....		81		326	
Plates, sheets and strips .....		1,715		19,027	
Rails .....		...		...	
Structural shapes .....		207		1,288	
Pipe and tubing - Wrought iron ....		310		3,367	
Cast iron .....		42		639	
Galvanized .....		310		1,396	
Other .....		104		992	
Castings, iron and steel .....		2,257		12,471	
Forgings .....		798		1,117	
Total .....		24,231		148,261	

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