



DOMINION BUREAU OF STATISTICS  
Industry and Merchandising Division  
OTTAWA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

Vol. 8-No. 12

Price \$2.00 per year

APR 8 1954

PRIMARY IRON AND STEEL

DECEMBER - 1953

Pig Iron - Production of pig iron in Canada amounted to 220,526 tons in December, 1953, compared with 232,732 tons in the corresponding month of last year. The total for the current month included 189,467 tons of basic iron, 18,645 tons of malleable iron and 12,414 tons of foundry iron.

Ferro-alloys - Output of ferro-alloys in December, 1953, amounted to 8,779 tons compared with 8,777 tons in the previous month and with 18,437 tons in December of a year ago. The following alloys were produced: ferrosilicon, silicomanganese, ferro-manganese, ferrochrome, ferro-zirconium, chrom-x and ferrophosphorus.

Steel Ingots and Castings - Production of steel ingots and steel castings during December, 1953, totalled 305,430 tons compared with 319,684 tons in December of last year. Output in the month under review included 296,345 tons of ingots and 9,085 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During December, 1952 and 1953

	December, 1952		December, 1953	
	Tonnage made (*)	Tonnage shipped	Tonnage made (*)	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic .....	169,997	9,443	189,467	7,479
Foundry .....	23,557	17,375	12,414	6,126
Malleable .....	39,178	30,178	18,645	5,453
Total pig iron .....	232,732	56,996	220,526	19,058
<u>Ferro-alloys</u> .....	18,437	16,780	8,779	7,564

\* Includes amounts for sale and for own use.

Table 2 - Cumulative Production and Shipments for the Twelve Months Ended December, 1952 and 1953

	1952		1953	
	Tonnage made (*)	Tonnage shipped	Tonnage made (*)	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic .....	2,064,357	176,609	2,437,749	101,436
Foundry .....	220,561	207,473	170,421	148,918
Malleable .....	397,147	370,450	404,099	376,094
Total pig iron .....	2,682,065	754,532	3,012,269	626,448
<u>Ferro-alloys</u> .....	233,787	225,035	150,595	141,984

\* Includes amounts for sale and for own use.

Table 3 - Iron Blast Furnace Charges During December and Twelve Months Ended December, 1952 and 1953

	December		Twelve months ended December	
	1952	1953	1952	1953
(Net tons of 2,000 pounds)				
Iron ore - Canadian .....	73,745	97,400	1,338,252	1,316,046
Imported .....	320,173	299,281	3,421,021	3,919,198
Mill cinder, scale, sinter, etc. ....	70,298	47,981	469,865	705,171
Limestone .....	78,638	83,893	979,364	1,070,936
Dolomite .....	23,076	30,572	211,955	318,473
Coke .....	220,687	203,480	2,495,572	2,784,588
Scrap iron and steel .....	7,328	3,386	109,295	90,134

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Table 4 - Description of Iron Blast Furnaces at End of December, 1953

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast .....	10	2,997,500	78.5
Banked .....	...	...	...
Blown out .....	6	820,500	21.5
Total .....	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During December, 1952 and 1953

	1952		1953	
	Tonnage made (*)	Tonnage shipped	Tonnage made (*)	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Steel Ingots</u>				
Open hearth - basic .....	266,774	4,173	258,116	69
Electric .....	45,144	15	38,229	...
Total steel ingots .....	311,918	4,188	296,345	69
Alloy steel ingots included in above ...	16,582	15	12,215	1
<u>Steel Castings</u>				
Open hearth - basic .....	2,067	1,714	2,680	2,373
Converter .....	33	60	...	...
Electric .....	5,666	4,255	6,405	5,142
Total steel castings .....	7,766	6,029	9,085	7,520
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	97	66	182	150
(b) High alloy, manganese and abrasion resistant .....	934	901	1,039	1,056
(c) All other alloys .....	855	287	927	175

(\*) 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 Twelve Months Ended December, 1952 and 1953

	1952		1953	
	Tonnage made (*)	Tonnage shipped	Tonnage made (*)	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Steel Ingots</u>				
Open hearth - basic .....	3,019,016	121,371	3,522,044	45,677
Electric .....	559,090(**)	18,329(**)	487,769	592
Total steel ingots .....	3,578,106	139,700	4,009,813	46,269
Alloy steel ingots included in above ...	218,826	476	185,287	326
<u>Steel Castings</u>				
Open hearth - basic .....	34,368	30,740	30,484	26,083
Converter .....	388	378	289	213
Electric .....	87,281	67,005	74,883	58,518
Total steel castings .....	122,037	98,123	105,656	84,874
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant .....	1,292	1,012	2,995	2,635
(b) High alloy, manganese and abrasion resistant .....	18,372	16,917	13,056	12,227
(c) All other alloys .....	27,869	4,008	10,993	2,877

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

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, December, 1952 and 1953 and Twelve Months Ended December, 1953

	December 1952	December 1953	Twelve months ended December, 1953
(Net tons of 2,000 pounds)			
Pig iron .....	162,945	177,149	3,317,506
Scrap - Own make .....	86,018	94,655	1,174,265
Purchased .....	103,913	59,647	1,036,101

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, 1952 and 1953

Month	Pig iron	Ferro-alloys	Steel				
			Ingots(*)	Castings	Total steel		
(Net tons of 2,000 pounds)							
<u>1952</u>							
January .....	209,153	21,458	303,721	11,313	315,034		
February .....	199,162	22,171	291,846	11,519	303,365		
March .....	240,755	23,097	325,385	11,511	336,896		
April .....	214,330	19,856	302,456	11,685	314,141		
May .....	237,079	21,112	316,390	11,634	328,024		
June .....	229,266	17,591	294,006	11,449	305,455		
July .....	229,561	15,508	284,996	8,076	293,072		
August .....	221,387	16,583	277,759	9,339	287,098		
September .....	222,686	17,641	274,662	10,334	284,996		
October .....	220,464	19,152	297,093	9,011	306,104		
November .....	225,490	19,430	297,874	8,400	306,274		
December .....	232,732	18,437	311,918	7,766	319,684		
Total .....	2,682,065	232,036	3,578,106	122,037	3,700,143		
<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		

(\*) Revised.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 253,135 net tons in December, 1953, compared with 258,722 tons in December, 1952. The December, 1953, shipments included 1,905 tons of semi-finished shapes, 18,557 tons of structural, 19,918 tons of plates, 43,023 tons of rails, 3,535 tons of tie plates and track material, 43,235 tons of hot rolled bars, 13,095 tons of pipes and tubes, 20,782 tons of wire rods, 38,812 tons of black sheets, 7,102 tons of galvanized sheets, 8,729 tons of castings, and 34,442 tons of other rolled products. The amount of producers' interchange was 96,946 tons in December, 1953, as against 125,773 tons in December, 1952.

Of the amounts shipped for sale during December, 73,560 tons went direct to railways and railway car shops; 14,049 tons went to pressing, forming and stamping plants; 27,075 tons to merchant trade products; 39,965 tons to building construction; 12,871 tons to the containers industry; 8,773 tons to agricultural equipment; 15,445 tons to the automotive industry; 12,839 tons to machinery plants; 1,382 tons to shipbuilding; 7,551 tons to mining, lumbering, etc., and 5,270 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 33,264 tons, and exports for 1,091 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 96,946 tons in December, 1953.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, December, 1953

	Production (Including producers' interchange)	Shipments	
		For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging .....	5,138	1,366	2,883
Other semi-finished shapes, not for re-rolling by makers .....	8,873	256	14,913
Structural shapes and piling .....	19,747	18,557	...
Plates .....	17,973	19,856	...
Rails .....	36,259	43,023	...
Tie plates and track material: Splice bars .....	974	776	...
Tie plates .....	1,654	2,369	...
Spikes .....	831	390	...
Concrete reinforcing bars .....	13,235	14,511	...
Hot rolled bars for cold finishing .....	455	...	455
Other hot rolled bars .....	39,503	37,325	3,287
Pipes and tubes .....	14,477	13,095	...
Wire rods .....	19,496	20,544	19
Hot rolled black sheets .....	74,843	20,092	52,835
Cold reduced black sheets .....	23,812	18,720	5,656
Galvanized sheets .....	8,140	7,102	...
Steel castings .....	6,825	6,803	...
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, cold reduced strip, axles, etc.) .....	40,335	19,065	15,929
Total carbon steel .....	332,570	243,850	95,977
<u>Alloy steel</u>			
Billets, etc., for forging .....	224	283	...
Other semi-finished shapes, not for re-rolling by makers .....	809	...	809
Structural shapes and piling .....	...	...	...
Plates .....	39	62	...
Hot rolled bars for cold finishing .....	...	...	...
Other hot rolled bars .....	6,083	5,910	160
Pipes and tubes .....	...	...	...
Wire rods .....	261	238	...
Steel castings .....	2,064	1,926	...
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, cold reduced strip, axles, etc.) .....	943	866	...
Total alloy steel .....	10,423	9,285	969

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Twelve Months Ended December, 1953

	P r o d u c t i o n (including producers' interchange)	S h i p m e n t s For Producers' sale interchange	
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging .....	117,097	75,300	41,525
Other semi-finished shapes, not for re-rolling by makers .....	272,916	59,193	183,222
Structural shapes and piling .....	201,988	214,039	21
Plates .....	226,369	226,397	...
Rails .....	302,015	300,234	...
Tie plates and track material: Splice bars .....	14,939	14,234	...
Tie plates .....	50,367	50,729	...
Spikes .....	13,525	13,029	...
Concrete reinforcing bars .....	170,741	167,016	...
Hot rolled bars for cold finishing .....	14,160	1	14,119
Other hot rolled bars .....	519,192	424,924	75,823
Pipes and tubes .....	243,186	234,696	18
Wire rods .....	284,810	284,839	1,097
Hot rolled black sheets .....	923,796*	269,287	652,522
Cold reduced black sheets .....	274,709	199,664	73,656
Galvanized sheets .....	108,945	106,363	46
Steel castings .....	77,392	76,939	...
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, cold reduced strip, axles, etc.) .....	761,070	365,931	380,713
Total carbon steel .....	4,577,217*	3,082,815	1,422,762
<u>Alloy steel</u>			
Billets, etc., for forging .....	16,423	16,900	...
Other semi-finished shapes, not for re-rolling by makers .....	7,720	...	7,720
Structural shapes and piling .....	...	...	...
Plates .....	2,866	2,967	...
Hot rolled bars for cold finishing .....	121	...	115
Other hot rolled bars .....	93,355	94,954	311
Pipes and tubes .....	...	...	...
Wire rods .....	1,641	1,624	...
Steel castings .....	26,117	24,336	...
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, cold reduced strip, axles, etc.).	12,704	12,541	...
Total alloy steel .....	160,947	153,322	8,146

\* - Year-end adjustment.

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, December, 1953 and Year to Date

	December, 1953		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries .....	10,050	5,395	204,791	84,837
Agricultural, including farm machinery ...	8,705	68	103,485	1,705
Building construction .....	39,893	72	434,062	693
Containers industry .....	12,866	5	269,521	414
Machinery and tools .....	12,027	812	149,344	8,889
Merchant trade products .....	26,533	542	354,001	4,515
Mining, lumbering, etc. ....	6,728	823	128,570	11,352
National defence .....	2,081	298	50,636	4,518
Pressing, forming and stamping .....	13,949	100	151,781	1,371
Public works and utilities .....	1,630	57	24,474	685
Railway operating .....	51,606	174	420,102	2,987
Railway cars and locomotives .....	21,449	331	201,314	4,289
Shipbuilding .....	1,357	25	28,493	721
Miscellaneous and unclassified .....	1,090	114	12,688	2,072
Wholesalers and warehouses .....	33,205	59	421,335	1,642
Direct export (a) to British Empire .....	78	49	30,919	676
(b) to other countries .....	603	361	97,299	21,956
Total shipped for sale .....	243,850	9,285	3,082,815	153,322
Producers' interchange .....	95,977	969	1,422,762	8,146

Table 13 - Imports of Primary Forms of Iron and Steel, December, 1953 and Year to Date

Commodity	Country of origin	December, 1953			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pig iron -							
Basic .....	United States	...	...	...	716*	...	...
Malleable .....	United States	...	...	...	3,424*	...	...
Belgium*	...	...	...	...	110*	...	...
Silvery .....	United States	137	...	...	2,608*	...	...
Foundry .....	United States	248	...	...	4,748*	...	...
Australia	...	...	...	...	7,067*	...	...
Spain	3,024	...	...	...	3,024	...	...
Netherlands	...	...	...	...	3,360*	...	...
Ingots .....	United States	72	...	...	1,802	54	...
Austria	...	...	...	...	111	...	...
Billets, blooms, slabs and sheet bars..	United States	...	8	...	79	401	...
United Kingdom	...	...	5	...	...	24	...
Tube rounds and tube billets .....	United States	...	...	...	1,709	...	1.9
* - Year-end adjustments.							
Bars and sections -							
Hot rolled, n.o.p. .....	United States	2,298	583	7.1	46,588	6,700	270.5
United Kingdom	59	105	4.6	2,812	857	124.6	
Belgium	299	...	...	12,810	...	...	
France	...	...	...	1,769	...	...	
Japan	...	...	...	112	...	...	
Germany	27	...	...	54	...	...	
Austria	...	...	...	19	...	...	
Sweden	...	...	...	1	...	...	
Hot rolled -							
For agricultural implements .....	United States	383	...	...	7,480	8	...
United Kingdom	...	...	...	...	33	...	...
Rounds over 4 7/8", squares over 4"	United States	128	10	...	1,010	143	
United Kingdom	...	4	...	...	681	203	11.1
Belgium	6	...	...	...	95	...	...
France	...	...	...	...	24	...	...

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Table 13 - Imports of Primary Forms of Iron and Steel, December, 1953 and Year to Date (Continued)

Commodity	Country of origin	December, 1953			Year to date			
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less	
(Tons of 2,000 pounds)								
<b>Bars and sections - (Concluded)</b>								
Hot rolled - (Concluded)								
Angles, channels, etc. ....	United States	426	...	.9	10,588	...	77.9	
Belgium	110	...	...	3,581	...	...	...	
United Kingdom	...	...	...	67	...	...	1	
France	69	...	...	451	...	...	...	
Germany	...	...	...	1	...	...	...	
Japan	...	...	...	108	...	...	...	
Structurals (bar sizes) for agricultural implements .....	United States	219	...	...	4,079	...	...	
Sash or casement sections .....	United States	545	...	...	3,500	...	...	
Belgium	...	...	...	163	...	...	...	
United Kingdom	56	...	...	172	...	...	...	
Cold finished, n.o.p. ....	United States	402	24	4.5	6,905	253	80.2	
United Kingdom	138	...	...	5.0	1,816	49	31.7	
Belgium	...	...	...	...	428	...	...	
Sweden	7	...	...	...	102	45	...	
France	...	...	...	...	20	...	...	
Cold finished, for agricultural implements .....	United States	211	...	...	3,619	...	...	
Tool steel .....	United States	6	50	...	175	659	...	
United Kingdom	34	47	...	...	513	867	...	
Structurals .....	United States	19,393	...	...	189,526	...	...	
United Kingdom	1,182	...	...	...	12,189	...	...	
Belgium	1,671	...	...	...	44,022	...	...	
France	1,176	...	...	...	7,803	...	...	
Japan	...	...	...	...	18	...	...	
Germany	...	...	...	...	22	...	...	
<b>Plates -</b>								
78" and under in width .....	United States	4,951	28	25.7	49,457	711	718.3	
France	...	...	...	...	378	...	...	
United Kingdom	1,609	...	...	14.8	19,734	...	428.2	
Germany	311	...	...	...	2,515	...	...	
Japan	447	...	...	...	6,497	...	...	
Belgium	...	...	...	...	2,107	...	...	
Over 78" and under 100" in width ..	United States	3,039	...	...	35,850	1	40.6	
United Kingdom	795	...	...	...	15,418	...	...	
Japan	...	...	...	...	29	...	...	
100" in width and over .....	United States	711	...	3.1	5,029	...	278.0	
United Kingdom	83	...	...	...	1,144	...	...	
Flanged, dished or curved .....	United States	62	...	...	1,286	...	8.5	
Boiler, pulp-mill digesters .....	United States	350	...	...	3,901	...	...	
United Kingdom	...	...	...	...	224	...	...	
Chequered or surface pattern .....	United States	484	...	...	9,275	...	...	
United Kingdom	...	...	...	...	303	...	...	
<b>Sheets -</b>								
Silicon .075 or more .....	United States	...	1,515	...	...	22,043	...	
United Kingdom	...	2	...	...	...	445	...	
Galvanized .....	United States	1,995	...	...	14,081	...	...	
United Kingdom	133	...	...	...	5,388	...	...	
France	...	...	...	...	2	...	...	
<b>Hot rolled -</b>								
18 gauge and heavier .....	United States	5,417	11	...	59,691	503	238.2	
United Kingdom	263	...	38.2	...	6,452	...	300.9	
Sweden	...	...	7.9	...	31	...	22.7	
Belgium	...	...	...	...	13	...	...	
Japan	...	...	...	...	178	...	...	
Lighter than 18 gauge .....	United States	...	3	...	1,071	15	89.2	
United Kingdom	...	...	14.5	...	524	...	66.6	

Table 13 - Imports of Primary Forms of Iron and Steel, December, 1953 and Year to Date (Continued)

Commodity	Country of origin	December, 1953			Year to date			
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less	
(Tons of 2,000 pounds)								
<b>Sheets - (Concluded)</b>								
Cold rolled -								
18 gauge and heavier .....	United States	1,002	...	128.8	12,290	50	1,112.5	
	United Kingdom	118	...	17.1	4,144	...	393.6	
	Sweden	...	...	13.6	3	...	13.6	
Lighter than 18 gauge .....	United States	1,927	...	180.9	22,613	...	1,874.3	
	United Kingdom	452	...	38.6	16,424	...	206.5	
	Belgium	...	...	...	318	...	...	
Corrugated .....	United States	759	...	...	7,723	...	...	
	United Kingdom	...	...	...	27	...	...	
	Germany	...	...	...	22	...	...	
Coated with paint, tar, asphaltum, etc. ....	United States	121	...	...	1,611	...	...	
For saws .....	United States	...	47	...	44	564	...	
	United Kingdom	...	1	...	7	13	...	
	Sweden	...	...	...	...	1	...	
For hollow ware (vitreous enamel) .	United States	857	...	...	8,011	...	...	
	United Kingdom	179	...	...	9,613	...	...	
	Belgium	...	...	...	73	...	...	
Black plate - tin mill .....	United States	...	...	...	147	...	...	
For motor vehicles .....	United States	4,405	...	...	14,975	...	...	
	United Kingdom	...	...	...	53	...	...	
	Belgium	...	...	...	55	...	...	
For heating apparatus .....	United States	...	...	...	250	...	...	
For tubes .....	United States	...	...	...	501	...	...	
Tin plate - Primes .....	United Kingdom	4	...	...	1,091	...	...	
	United States	1	...	...	3,052	27	...	
Electrolytic, 25 pounds.	United Kingdom	...	...	...	81	...	...	
Electrolytic, 50 pounds.	United States	...	...	...	966	...	...	
Electrolytic, 75 pounds.	United States	...	...	...	108	...	...	
Terne plate - Long .....	United States	195	...	...	6,608	...	...	
Short .....	United States	28	...	...	2,618	...	...	
	United Kingdom	...	...	...	12	...	...	
<b>Strip -</b>								
Hot rolled -								
18 gauge and heavier .....	United States	676	23	...	16,614	145	85.3	
	Belgium	...	...	...	248	...	...	
	France	...	...	...	65	...	...	
	United Kingdom	...	...	...	75	12	...	
Lighter than 18 gauge .....	United States	12	...	...	384	46	3.7	
	United Kingdom	...	...	...	1	...	...	
Cold rolled -								
18 gauge and heavier .....	United States	306	23	12.8	4,087	211	457.5	
	United Kingdom	7	...	...	435	5	...	
	Sweden	...	...	...	1	1	...	
	Netherlands	...	...	...	6	...	...	
Lighter than 18 gauge .....	United States	318	10	216.8	4,617	131	1,832.9	
	Sweden	...	1	...	175	98	.7	
	United Kingdom	...	...	...	814	...	.5	
	Belgium	...	...	...	15	...	...	
For cold rolling .....	United States	...	...	...	790	...	...	
For shoe and corset laces, buckles, ball bearings, etc. ....	United States	...	...	...	203	...	...	
	United Kingdom	...	...	...	20	...	...	
For saws .....	United States	...	69	...	43	505	...	
	United Kingdom	...	...	...	...	5	...	
	Sweden	...	8	...	1	138	...	
For motor vehicles .....	United States	3,234	...	...	19,938	...	...	
For tubes .....	United States	175	...	...	1,832	...	...	
	United Kingdom	...	...	...	57	...	...	
For tubular products .....	United States	...	...	...	774	...	...	
	United Kingdom	...	...	...	20	...	...	

Primary Iron and Steel

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Table 13 - Imports of Primary Forms of Iron and Steel, December, 1953 and Year to Date (Continued)

Commodity	Country of origin	December, 1953			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Strip - (Concluded)							
Coated with paint, tar, asphaltum .	United States	574	...	...	6,602	...	...
Germany		8	...	...	83	...	...
United Kingdom		...	...	...	9	...	...
Silicon .075 or more .....	United States	...	354	...	...	4,814	...
United Kingdom		...	...	...	...	18	...
For butt hinges .....	United States	81	...	...	1,626	...	...
United Kingdom		2	...	...	28	...	...
Sweden		...	...	...	1	...	...
For hoops .....	United States	67	...	...	614	...	...
United Kingdom		...	...	...	442	...	...
Galvanized strip .....	United States	321	...	...	4,802	...	...
United Kingdom		2	...	...	974	...	...
Germany		...	...	...	6	...	...
Belgium		...	...	...	12	...	...
Skelp -							
15 3/8" in width .....	United States	8,212	...	...	89,133	...	...
France		...	...	...	8,252	...	...
Belgium		...	...	...	7,971	...	...
United Kingdom		...	...	...	5,712	...	...
Germany		...	...	...	7	...	...
Over 15 3/8" in width .....	United States	1,019	...	...	9,326	...	...
Belgium		...	...	...	108	...	...
Plate .....	United States	...	...	...	989	...	...
Pipes and tubes -							
Cast .....	United States	55	...	...	769	...	...
United Kingdom		2,012	...	...	26,333	...	...
France		...	...	...	5	...	...
Bedstead .....	United States	...	...	...	42	...	...
United Kingdom		...	...	...	5	...	...
Repair of pressure parts of boilers -							
Hot finished .....	United States	167	...	9.3	3,867	72	101.5
United Kingdom		138	...	...	1,703	...	...
Sweden		...	...	...	7	...	.9
Germany		...	...	...	48	...	...
Cold drawn .....	United States	32	4	...	561	41	27.5
United Kingdom		29	...	1.6	208	...	1.8
Sweden		2	...	...	84	...	...
Welded .....	United States	177	...	...	2,466	...	10.7
United Kingdom		85	...	...	1,149	...	...
Seamless, 12" and under in diameter -							
Cold drawn .....	United States	382	649	21.9	4,039	3,546	333.4
United Kingdom		145	2	10.0	2,397	8	199.1
Sweden		31	...	...	121	88	7.3
Germany		...	...	...	61	...	...
Hot finished .....	United States	786	16	12.4	11,817	772	114.3
United Kingdom		529	...	...	6,902	...	.2
Sweden		...	...	...	...	84	...
France		...	...	...	38	...	...
Seamless, over 12" in diameter -							
Hot finished .....	United States	449	...	...	4,109	30	5.6
United Kingdom		...	...	...	4,602	...	...
Welded, 4" and under in diameter .	United States	577	...	1.1	5,354	3	96.0
United Kingdom		905	...	...	10,338	...	.2
Belgium		9	...	...	112	...	...
Germany		1	...	...	21	...	...
France		171	...	...	176	...	...
Welded, over 4" in diameter .....	United States	224	...	...	94,199	...	34.9
United Kingdom		270	...	...	3,273	...	...
Tubing -							
Not over 1/2" diameter, welded and coated .....	United States	16	...	...	351	...	...
Spiral welded .....	United States	88	...	...	3,414	...	...

Table 13 - Imports of Primary Forms of Iron and Steel, December, 1953 and Year to Date (Continued)

Commodity	Country of origin	December, 1953			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pipes and tubes - (Concluded)							
Conduit .....	United States	379	...	...	3,965	...	...
	United Kingdom	...	...	...	7	...	...
	Germany	...	...	...	3	...	...
Casings .....	United States	4,248	...	...	71,431	...	...
	United Kingdom	2,830	...	...	16,012	...	...
	Germany	201	...	...	3,786	...	...
	Japan	...	...	...	1,258	...	...
	Italy	449	...	...	1,914	...	...
	Belgium	...	...	...	1,216	...	...
Fittings and couplings .....	United States	322	...	4.6	5,275	7	73.6
	United Kingdom	16	...	...	460	...	...
	Germany	...	...	...	118	...	...
	Japan	...	...	...	88	...	...
Wire rope .....	United States	16	...	...	506	...	.3
	United Kingdom	80	...	...	849	...	...
	Belgium	...	...	...	23	...	...
	Germany	5	...	...	264	...	...
	Norway	...	...	...	8	...	...
	Holland	13	...	...	51	...	...
Wire for rope .....	United States	216	...	.3	5,767	...	1.9
	United Kingdom	496	...	...	8,147	...	...
	Germany	...	...	...	5	...	...
	Norway	...	...	...	46	...	...
Wire - For corset laces, steels, etc. .	United States	5	...	...	117	...	...
	United Kingdom	...	...	...	2	...	...
For spring mattresses, etc. ...	United States	230	...	...	4,057	...	...
	United Kingdom	3	...	...	683	...	...
Wire - coated .....	United States	19	...	...	519	...	...
	United Kingdom	...	...	...	138	...	...
	Germany	...	...	...	31	...	...
Wire, all other .....	United States	151	11	.7	3,536	172	27.5
	United Kingdom	4	2	...	233	2	1.7
	Germany	...	11	...	100	12	...
	Sweden	3	...	...	27	1	...
	Belgium	11	...	...	94	...	...
	France	5	...	...	60	...	...
	Netherlands	28	...	...	28	...	...
Wire rods, not over 3/8" in diameter..	United States	67	...	...	3,225	...	...
	Belgium	...	...	...	3,048	...	...
	Germany	829	...	...	2,294	...	...
	United Kingdom	...	...	...	2,108	...	...
	France	...	...	...	697	...	...
	Sweden	...	...	...	114	...	...
Welding wire and welding rods .....	United States	69	47	...	2,103	576	6.8
	United Kingdom	...	...	...	...	1	.2
Castings -							
For agricultural implements .....	United States	11	...	...	623	...	...
For ingot moulds .....	United States	2,604	...	...	33,555	...	...
	United Kingdom	...	...	...	272	...	...
Malleable .....	United States	7	...	...	168	...	...
Non-malleable .....	United States	21	...	...	460	...	...
Steel .....	United States	...	...	...	276	8	...
	United Kingdom	...	...	...	4	...	...
	France	...	...	...	46	...	...
	Norway	...	...	...	265	...	...
For railway vehicles .....	United States	...	...	...	39	...	...
Rolls .....	United States	269	129	...	4,426	978	...
	United Kingdom	72	...	...	204	70	...
Piston rings (rough) .....	United States	3	...	...	153	...	...
	United Kingdom	...	...	...	1	...	...

Primary Iron and Steel

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Table 13 - Imports of Primary Forms of Iron and Steel, December, 1953 and Year to Date (Concluded)

Commodity	Country of origin	December, 1953			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Forgings .....	United States	14	...	...	522	57	1.7
	United Kingdom	18	...	...	407	...	...
	Germany	...	...	...	12	...	...
Wheels - For railway rolling stock ..	United States	34	...	...	443	...	...
	United Kingdom	1,204	...	...	14,871	...	...
Tires - For railway rolling stock ...	United States	...	...	...	123	...	...
	United Kingdom	100	...	...	1,556	...	...
Axles - For railway vehicles .....	United States	5	...	...	762	...	...
Rails -							
60 lb. and under .....	United States	5	...	...	760	...	...
	Belgium	...	...	...	813	...	...
	United Kingdom	...	...	...	53	...	...
	Germany	...	...	...	60	...	...
Over 60 lb. and including 100 lb. .	United States	308	...	...	2,776	...	...
	United Kingdom	...	...	...	808	...	...
Over 100 lb. .....	United States	968	...	...	3,300	...	...
	United Kingdom	...	...	...	6	...	...
Track material -							
Angles, bars, tie plates, rail joints .....	United States	5	...	...	7,955	...	...
	Belgium	...	...	...	36	...	...
	United Kingdom	...	...	...	204	...	...
	Germany	2	...	...	4	...	...
Intersections, switches, frogs ....	United States	...	...	...	275	...	...
	Belgium	...	...	...	1	...	...
Total imports .....	United States	78,696	3,614	630.9	1,000,393	44,246	8,005.2
	All other	22,972	188	165.9	343,074	3,047	1,812.2
TOTAL .....		101,668	3,802	796.8	1,343,467	47,293	9,817.4

Table 14 - Exports of Primary Iron and Steel, December, 1953 and Year to Date

	December, 1953		Year to date
	(Tons of 2,000 pounds)		
Pig iron .....		11,387	345,415
Ingots, blooms and billets .....		296	127,012
Bars .....		399	20,285
Rods .....		7	1,144
Plates, sheets and strips .....		851	86,254
Rails .....		...	3,445
Structural shapes .....		299	4,791
Pipe and tubing - Wrought iron .....		130	344
Cast iron .....		35	415
Galvanized .....		...	65
Other .....		234	1,987
Castings, iron and steel .....		876	8,722
Forgings .....		426	12,761
Total .....		14,940	612,640

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