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PRIMARY IRON AND STEEL

NOVEMBER 1963

NOTICE TO USERS

See page 2 regarding discontinuance of
Export and Import Statistics—Tables 18
and 19.

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NOTE: Reference Imports of Selected Forms of Iron and Steel, Table No. 19 Primary Iron and Steel bulletin (catalogue number 41-001)

Prior to January 1963 the breakdown on imports of steel shapes shown in Table 19 of the present volume was developed from a special tabulation of steel imports. Details on imports of steel shapes were also developed by the External Trade Division and published separately in their volume Trade of Canada - Imports.

At one time the special tabulation performed a useful function as it presented commodity detail not available in the Trade of Canada - Imports. With the introduction of a revised classification on steel shapes by the External Trade Division the difference in the two tabulations as regards most classes disappeared (some specialty and tool steel excepted), and under these circumstances the disposition of staff and time required for the special tabulation were considered to be no longer warranted. Accordingly, beginning with the January 1963 presentation, details shown in Table 19 reflect data developed by the External Trade Division and constitute an exact duplication of their figures.

Details by country of origin are not shown in the present bulletin but may be obtained by reference to the above mentioned External Trade publication 'Trade of Canada - Imports', Catalogue No. 65-007.

SPECIAL NOTICE

Reference Exports and Imports of Selected Forms of Iron and Steel, Tables 18 and 19.

Effective with the January, 1964 issue, Export and Import data included in this report will be discontinued.

Users of these data are advised that this information may be obtained by reference to the following two monthly publications:

Catalogue No. 65-004-Trade of Canada - Exports

Catalogue No. 65-007-Trade of Canada - Imports

The above-mentioned publications are prepared by the External Trade Division, Dominion Bureau of Statistics, and can be obtained on an annual subscription basis of \$7.50 for each report from the Publications Distribution Unit, Dominion Bureau of Statistics, or the Queen's Printer.

TABLE 1. Description of Iron Blast Furnaces(1) at End of November 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	15	5,513,100	95.0
Banked	-	-	-
Blown out	2	291,800	5.0
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	November 1963	Eleven months ended November 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	68,213	714,531
From foreign mines	125,709	1,668,638
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	169,547	1,842,874
From foreign mines	280,720	2,807,695
From own processing	133,684	1,553,861
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	20,536	179,597
Scrap iron and steel	9,080	60,679
Limestone	59,715	720,448
Dolomite	37,097	376,129
Coke	298,918	3,278,396

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys November

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	373,641	7,843	430,838	4,079
Foundry (including silvery pig)(2)	2,565	21,074	39,094	53,465
Malleable	22,630	42,239	48,266	47,675
Total pig iron	398,836	71,156	518,198	105,219
Ferro-alloys	12,896	12,404	13,531	13,098
Stocks of pig iron on hand at end of month	302,174		218,900	

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

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Eleven Months Ended November

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	4,178,122	47,865	4,665,110	62,720
Foundry (including silvery pig)(2)	249,359	261,343	272,373	283,451
Malleable	473,477	395,905	491,501	346,246
Total pig iron	4,900,958	705,113	5,428,984	692,417
Ferro-alloys	126,124	119,108	129,843	130,178

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

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January

		Annual capacity
		net tons of 2,000 pounds
Ingots - Basic open hearth		5,002,000
Electric		954,000
Oxygen		1,870,000
Total ingots		7,826,000
Steel castings		487,400
Total ingots and castings		8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	November		Eleven months ended November	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	374,494	449,948	4,186,999	4,655,455
Scrap - Own make	157,963	205,292	1,815,066	2,089,502
Purchased	149,510	148,994	1,422,295	1,632,140
Total pig iron and scrap	681,967	804,234	7,424,360	8,377,097

TABLE 7. Production and Shipments of Steel Ingots and Castings November

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	534,532	495	641,222	14,427
Electric	63,326	7,805	60,120	7,912
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	597,858	8,300	701,342	22,239
Alloy steel ingots included in above	32,941	1,064	36,173	811
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	404	404	844	844
Electric	9,641	9,260	11,499	10,482
Other	-	-	-	-
Total steel castings	10,045	9,664	12,343	11,326
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	298	280	337	323
High alloy, manganese and abrasion resistant ...	2,125	2,133	2,241	2,224
All other alloys	642	594	703	656
Total alloy castings	3,065	3,007	3,281	3,203

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

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings Eleven Months Ended November

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	5,883,855	156,225	6,707,826	153,943
Electric	601,430	83,412	686,337	109,443
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	6,485,285	239,637	7,394,163	263,386
Alloy steel ingots included in above	288,571	9,450	363,141	10,567
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	3,753	3,753	5,840	5,842
Electric	110,452	108,853	106,466	103,803
Other	-	-	-	-
Total steel castings	114,205	112,606	112,306	109,645
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	3,003	2,676	3,362	3,077
High alloy, manganese and abrasion resistant ...	19,626	19,465	20,003	19,440
All other alloys	4,906	4,879	6,222	5,853
Total alloy castings	27,535	27,020	29,587	28,370

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

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	November 1963		Eleven months ended November 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	2	-	234
All other	358	414	1,344	3,132
Automotive industries	176	27	3,856	313
Agricultural, including implement and equipment manufacturers	85	20	937	202
Machinery and tools	1,485	431	15,698	5,022
Mining, lumbering and quarrying industries	1,057	1,393	10,062	11,608
Oil and gas, including refineries	9	21	248	196
National defence	15	12	212	185
Public works and public utilities	71	47	581	429
Railway operating	3,675	455	39,529	2,768
Railway cars and locomotives	857	57	5,618	658
Shipbuilding	69	21	797	112
Miscellaneous and unclassified	268	303	2,377	3,522
Total shipments	8,125	3,203	81,259	28,381

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		Total steel
			Ingots	Castings	
net tons of 2,000 pounds					
1962					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
1963					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	580,571	10,209	590,780
March	451,017	11,024	667,115	11,133	678,248
April	482,210	13,105	690,822	11,223	702,045
May	538,140	12,542	742,700	10,925	753,625
June	534,005	9,814	671,107	10,181	681,288
July	539,271	11,128	651,001	6,442	657,443
August	545,472	12,258	692,121	8,152	700,273
September	504,801	13,526	659,657	10,589	670,246
October	528,696	11,289	686,171	12,450	698,621
November	518,198	13,531	701,342	12,343	713,685
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings November

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	13,878	13,088	12,614	15,306
Over 4 1/2" outside diameter (including all sizes of casing)	14,138	12,785	17,191	18,182
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,126	6,794	7,700	7,154
Totals	35,142	32,667	37,505	40,642
<u>Steel pipe fittings:</u>				
Buttwelding fittings	103	133	158	148
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	495	499	643	573
Totals	598	632	801	721

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings Eleven Months Ended November

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	191,602	182,194	164,408	168,378
Over 4 1/2 " outside diameter (including all sizes of casing)	189,945	182,821	298,723	304,541
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	72,735	71,195	74,458	68,247
Totals	454,282	436,210	537,589	541,166
<u>Steel pipe fittings:</u>				
Buttwelding fittings	1,198	1,393	1,532	1,725
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	5,410	5,850	5,763	6,088
Totals	6,608	7,243	7,295	7,813

(1) Included with other.

TABLE 13 . Production and Disposition of Shipments of Rolled Steel Products, November 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	15,306	23,042	12,064	10,978
For forging and piercing	16,288	16,120	-	16,120
Rails	28,232	22,237	-	22,237
Wire rods	34,793	35,279	-	35,279
Structural shapes:				
Heavy, including piling	34,111	30,735	-	30,735
Light	6,637	6,945	-	6,945
Concrete reinforcing bars	41,804	38,206	-	38,206
Other hot rolled bars	38,624	37,886	2,486	35,400
Tie plates and track material:				
Angle bars	-	4	-	4
Tie plates	588	2,163	-	2,163
Track spikes	243	285	-	285
Plates (including plates for pipes and tubes)	58,801	58,326	-	58,326
Hot rolled sheets and strip	276,022	272,591	179,662	92,929
Total hot rolled products ..	551,449	543,819	194,212	349,607
<u>Cold rolled and coated:</u>				
Cold finished bars	4,388	4,390	-	4,390
Cold reduced strip	5,409	4,949	-	4,949
Cold reduced sheets, tin mill black plate and tin plate	180,216	168,785	76,588	92,197
Galvanized sheets	35,615	33,510	-	33,510
Total cold rolled and coated .	225,628	211,634	76,588	135,046
Total carbon steel	777,077	755,453	270,800	484,653
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	2,026	2,026	-	2,026
Alloy plates	269	213	-	213
Other hot rolled bars, including high-speed steel and other alloy tool steel	13,604	12,349	86	12,263
Structurals	-	-	-	-
Cold finished bars	755	723	-	723
Wire rods	362	284	-	284
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	3,234	2,941	-	2,941
Total alloy steel	20,250	18,536	86	18,450

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Eleven Months Ended November 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	196,389	198,498	104,302	94,196
For forging and piercing	161,654	157,270	-	157,270
Rails	315,344	309,165	-	309,165
Wire rods	360,736	358,050	-	358,050
Structural shapes:				
Heavy, including piling	356,963	347,184	-	347,184
Light	82,006	85,332	-	85,332
Concrete reinforcing bars	385,334	400,027	-	400,027
Other hot rolled bars	434,206	423,136	43,019	380,117
Tie plates and track material:				
Angle bars	14,306	14,141	-	14,141
Tie plates	48,233	53,329	-	53,329
Track spikes	7,753	7,966	-	7,966
Plates (including plates for pipes and tubes)	662,294	664,361	-	664,361
Hot rolled sheets and strip	2,748,529	2,734,151	1,824,155	909,996
Total hot rolled products ..	5,773,747	5,752,610	1,971,476	3,781,134
<u>Cold rolled and coated:</u>				
Cold finished bars	47,002	46,584	-	46,584
Cold reduced strip	58,431	54,440	-	54,440
Cold reduced sheets, tin mill black plate and tin plate	1,840,010	1,833,440	815,138	1,018,302
Galvanized sheets	363,437	361,701	-	361,701
Total cold rolled and coated .	2,308,880	2,296,165	815,138	1,481,027
Total carbon steel	8,082,627	8,048,775	2,786,614	5,262,161
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	64	64	64	-
For forging and piercing	22,467	24,068	-	24,068
Alloy plates	1,735	5,029	-	5,029
Other hot rolled bars, including high-speed steel and other alloy tool steel	121,756	120,855	1,309	119,546
Structurals	-	-	-	-
Cold finished bars	6,582	6,516	-	6,516
Wire rods	3,391	3,315	-	3,315
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	31,617	31,507	-	31,507
Total alloy steel	187,612	191,354	1,373	189,981

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		November 1963		Eleven months ended November 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	68,966	736	743,707	6,680
5	Direct export:				
	(a) British Commonwealth	11,080	750	172,428	5,796
	(b) All other	79,725	2,489	508,692	23,480
6	Automotive industries	31,426	7,556	301,438	73,601
7	Agricultural, including implement and equipment manufacturers	16,308	545	137,511	3,615
8	Building construction	95,566	169	1,046,410	4,341
9	Container industry	21,957	49	374,748	1,072
10	Machinery and tools	22,689	2,688	231,120	30,235
11	Merchant trade products	38,642	1,045	422,381	11,581
12	Mining, lumbering, etc.	5,669	1,510	57,579	14,663
13	National defence	36	19	1,226	230
14	Pressing, forming and stamping	22,880	677	277,628	5,696
15	Public works and utilities	2,327	-	24,119	-
16	Railway operating	8,752	60	237,405	364
17	Railway cars and locomotives	2,313	-	29,665	247
18	Shipbuilding	9,994	8	86,660	272
19	Pipes and tubes	44,803	149	593,933	8,078
20	Miscellaneous and unclassified	1,520	-	15,511	33
	Net shipments	484,653	18,450	5,262,161	189,984

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, November 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	260	438	6,819	2,381	10,629	5,528
5	Direct export:							
	(a) British Commonwealth	10,978	-	-	-	-	-	295
	(b) All other	874	14,638	1,834	800	76	81	3,779
6	Automotive industries .	2,849	-	108	-	71	-	11,041
7	Agricultural, etc.	75	-	1	946	567	34	6,186
8	Building construction .	193	35	2,077	19,685	2,594	24,703	2,573
9	Container industry	-	-	5	-	-	-	97
10	Machinery and tools ...	485	153	382	723	316	728	5,201
11	Merchant trade	242	-	30,649	35	51	-	5,601
12	Mining, lumbering, etc.	50	543	54	287	33	32	4,993
13	National defence	-	4	-	-	-	9	9
14	Pressing, forming and stamping	85	-	8	4	725	-	1,194
15	Public works and utilities	-	-	1	-	39	1,990	-
16	Railway operating	-	6,513	3	116	51	-	446
17	Railway cars and locomotives	602	60	2	473	24	-	296
18	Shipbuilding	2	11	-	847	17	-	383
19	Pipes and tubes	12,685	-	-	-	-	-	2
20	Miscellaneous and unclassified	4	-	-	-	-	-	39
	Net shipments	29,124	22,237	35,563	30,735	6,945	38,206	47,663

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, November 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
58	12,341	11,002	1,122	97	10,621	8,406	69,702	4
								5
-	-	557	-	-	-	-	11,830	(a)
2,164	2,911	23,313	5	-	27,225	4,514	82,214	(b)
-	657	12,089	1,439	1,564	8,263	901	38,982	6
-	1,228	4,938	875	21	1,725	257	16,853	7
-	15,167	8,637	40	13	3,660	16,338	95,735	8
-	-	296	1	4	21,423	179	22,006	9
-	7,572	4,363	636	227	4,288	303	25,377	10
-	32	1,131	648	31	964	303	39,687	11
35	725	202	81	-	107	37	7,179	12
-	-	1	9	23	-	-	55	13
-	1,005	7,115	234	1,670	9,668	1,849	23,557	14
21	174	-	-	5	97	-	2,327	15
174	1,062	341	6	-	-	100	8,812	16
-	681	92	-	-	83	-	2,313	17
-	8,529	157	16	-	-	40	10,002	18
-	6,258	20,740	1	86	4,916	264	44,952	19
-	197	-	-	1,208	53	19	1,520	20
2,452	58,539	94,974	5,113	4,949	93,093	33,510	503,103	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eleven Months Ended November 1963

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SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	77	1,697	6,325	92,360	31,176	108,946	81,856
5	Direct export:							
	(a) British Commonwealth	94,196	76,060	114	79	-	-	2,344
	(b) All other	6,905	55,710	5,193	8,338	542	6,502	32,087
6	Automotive industries .	31,976	-	715	719	769	-	103,978
7	Agricultural, etc.	362	-	97	7,166	8,175	34	50,468
8	Building construction .	534	944	13,502	211,833	25,087	255,602	28,694
9	Container industry	-	-	129	-	-	131	559
10	Machinery and tools ...	10,764	981	2,966	6,588	2,892	6,360	59,082
11	Merchant trade	3,393	-	330,173	916	1,106	1,779	68,082
12	Mining, lumbering, etc.	780	6,786	581	3,651	691	230	48,265
13	National defence	6	27	-	-	-	534	291
14	Pressing, forming and stamping	2,090	-	147	978	8,853	165	9,098
15	Public works and utilities	6	-	7	549	216	19,212	901
16	Railway operating	48	166,800	89	1,436	796	97	6,212
17	Railway cars and locomotives	5,620	111	18	4,218	470	6	4,350
18	Shipbuilding	28	49	-	8,328	475	27	2,567
19	Pipes and tubes	118,722	-	-	22	50	-	36
20	Miscellaneous and unclassified	27	-	1,309	3	34	412	793
	Net shipments	275,534	309,165	361,365	347,184	85,332	400,027	499,663

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eleven Months Ended November 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
668	127,445	98,808	14,441	1,445	113,233	71,910	750,387	4
								5
-	-	4,569	25	-	837	-	178,224	(a)
21,036	19,072	180,151	58	-	154,888	41,690	532,172	(b)
1	2,878	118,742	12,811	15,801	77,557	9,092	375,039	6
-	10,224	38,066	8,869	179	14,644	2,842	141,126	7
19	162,437	86,324	341	1,740	61,721	197,973	1,050,751	8
-	60	4,667	12	133	369,076	1,063	375,820	9
4	69,658	44,156	6,174	3,305	44,410	4,015	261,355	10
39	245	11,149	6,052	255	9,102	1,671	433,962	11
1,053	4,951	2,453	631	-	1,803	367	72,242	12
-	20	64	126	333	55	-	1,456	13
-	8,299	77,625	3,233	19,098	127,040	26,698	283,324	14
202	1,938	31	-	10	937	110	24,119	15
52,057	7,147	2,378	55	-	193	461	237,769	16
307	9,828	4,165	19	51	626	123	29,912	17
2	72,670	1,011	57	42	730	946	86,932	18
-	172,120	255,472	49	653	52,268	2,619	602,011	19
48	398	-	150	11,395	854	121	15,544	20
75,436	669,390	929,831	53,103	54,440	1,029,974	361,701	5,452,145	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel (See special notice on page 2).

	November 1963	Eleven months ended November 1963
	net tons of 2,000 pounds	
Pig iron	97,898	421,851
Sponge iron	436	5,577
Steel ingots	20,459	172,874
Blooms, billets, slab steel	22,628	188,300
Iron castings, n.e.s.	2,619	15,035
Steel castings	322	2,501
Forgings, n.e.s.	1,000	12,849
Bars steel, hot rolled	2,757	29,074
Wire rods steel, hot rolled	930	5,789
Bars steel, cold rolled	43	1,365
Plate steel	2,319	19,852
Sheet and strip, carbon steel, hot rolled	23,596	189,024
Sheet and strip, carbon steel, cold rolled	10,482	55,599
Sheet, strip, galvanized	4,967	39,571
Sheet and strip, n.e.s.	12,588	105,318
Structural shapes	1,984	26,830
Rails	11,373	134,275
Cast iron pipe	103	900
Pipes and tubes, iron and steel, n.e.s.	2,484	18,212
Totals	218,988	1,444,796

(1) Customs clearance, latest available.

(2) Includes revisions for year to date.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel (See special notice on page 2).

Commodity	September 1963	Nine months ended September 1963
	net tons of 2,000 pounds	
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron	-	13,449
Ingots, carbon steel	21	325
Ingots, alloy steel	38	717
Blooms, billets and slabs, carbon steel	60	939
Blooms, billets and slabs, alloy steel	68	1.007
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled	6,578	64,168
Bars, carbon steel, hot rolled n.o.p.	3,997	32,023
Bars, alloy steel, hot rolled	381	3,981
Wire rods, steel, hot rolled	6,228	45,440
Bars, carbon steel, cold drawn or cold finished	359	2,992
Bars, alloy steel, cold drawn or cold finished	57	478
Bars or rods, steel, fabricated n.o.p.	222	2,146
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p.	3,670	22,171
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	6,193	33,400
Plates, carbon steel, over 100 inches in width n.o.p.	538	4,580
Floor plate, carbon steel	670	4,981
Plates, fabricated or coated n.o.p.	31	2,120
Plates, flanged or dished, drilled or not	191	2,278
Plates, stainless steel (including carbon steel clad with stainless)	183	2,155
Plates, alloy steel n.o.p., except stainless ..	378	4,929
Plate, sheet or strip, not tempered or ground, for saws	289	1,999

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (See special notice on page 2).

Commodity	September 1963	Nine months ended September 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Continued:</u>		
Plate, sheet or strip, hardened, tempered or ground, for saws	31	330
Stainless and other alloy steel for pipes and tubes	83	700
Carbon steel, hot rolled, for pipes, over 60 inches in width	-	14,552
Carbon steel, hot rolled, for pipes, and tubes, over 15 3/8 inches to 60 inches in width	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8 inches or less in width	290	680
Carbon steel, cold rolled, for pipes and tubes	-	12
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	843	8,622
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	10,399	29,210
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	808	8,458
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	344	4,914
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	213	3,929
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	356	5,950
Sheet and strip, carbon steel, finished for porcelain enamelling	35	1,495
Sheet and strip, carbon steel, coated with tin (tinplate)	218	3,513
Sheet and strip, carbon steel, coated with zinc (galvanized)	494	3,735
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	936	9,078
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	641	5,524
Sheet and strip, carbon steel, coated n.o.p. ..	454	3,937
Sheet and strip stainless steel, hot rolled, 60 inches or less in width		
Sheet, stainless steel, hot rolled, over 60 inches in width		

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TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (See special notice on page 2).

Commodity	September 1963	Nine months ended September 1963
	net tons of 2,000 pounds	
<u>Plates, sheet and strip - Concluded:</u>		
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	368	1,779
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width	See page 21	
Sheet, stainless steel, cold rolled, over 51 inches in width	1	176
Sheet and strip, silicon steel	1,589	15,509
Sheet and strip, alloy steel n.o.p.	175	973
Sheet and strip, corrugated or fabricated n.o.p.	101	903
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web	3,148	25,820
Bearing pile, carbon steel	119	2,647
Wide flange beams, carbon steel n.o.p.	4,633	38,985
Structural shapes, carbon steel, large sizes n.o.p.	1,963	21,698
Structural shapes, carbon steel, intermediate sizes n.o.p.	3,519	26,851
Structural shapes, bar size, carbon steel	3,277	24,113
Sheet piling, carbon steel	2,878	12,571
Structural shapes, alloy steel	59	369
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	118	1,661
Structural shapes, fabricated n.o.p.	460	3,137
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles	4	550
Tires of steel, in the rough, for railway vehicles	-	47

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (See special notice on page 2).

Commodity	September 1963	Nine months ended September 1963
	net tons of 2,000 pounds	
<u>Rails and railway track material, steel wheels and tires - Concluded:</u>		
Steel wheels for use on railway rolling stock	37	973
Railway rails, iron or steel	282	6,044
Fish plates, splice bars, rail joints and tie plates, iron or steel	166	2,236
Railway track material n.o.p.	57	314
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron	159	1,815
Drill pipe	100	1,724
Oil country goods, steel n.o.p.	1,300	21,645
Pipes, tubes more than 10 1/2 inches in diame- ter and fittings, steel, for transmission of natural gas or crude oil	42	2,918
Corrugated metal culvert pipe	-	102
Mechanical tubing, steel	1,300	11,398
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	1,789	8,236
Tubes, seamless steel, for bearings	356	5,733
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	9	248
Pipes and tubes, steel welded n.o.p.	3,091	21,750
Pipes and tubes, steel, seamless, hot finished n.o.p.	600	6,325
Pipes and tubes, steel, seamless, cold finished n.o.p.	316	2,896
Pipes and tubes, iron or steel n.o.p.	521	6,271
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope	1,421	16,840
Wire, steel, flat or shaped	21	346

TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded (See special notice on page 2).

Commodity	September 1963	Nine months ended September 1963
	net tons of 2,000 pounds	
<u>Wire and wire rope, iron and steel - Concluded:</u>		
Wire, steel, spring, for mattresses, cushions or upholstery	69	1,063
Wire, iron or steel, not coated n.o.p.	745	5,508
Wire, steel, galvanized n.o.p.	464	6,160
Wire, iron or steel, coated n.o.p., except insulated	64	644
Wire, barbed, including galvanized	115	7,167
Wire strand, including twisted and braided, coated or not	17	493
Wire rope for use in logging, coated or not ...	134	1,517
Wire rope, coated or not n.o.p.	354	2,213
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel	216	2,701
Welding rods and electrodes, n.o.p.	18	293
Welding wire	95	1,035
<u>Plates, sheet and strip:</u>		
Sheet and strip stainless steel hot rolled 60 inches or less in width:		
Thinner than 18 guage	32	197
18 guage and thicker	409	2,876
Sheet stainless steel, cold rolled over 18 inches to 51 inches in width:		
Thinner than 18 guage	292	3,706
18 guage and heavier	511	3,613
Total imports or selected forms of iron and steel	83,834	685,853

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