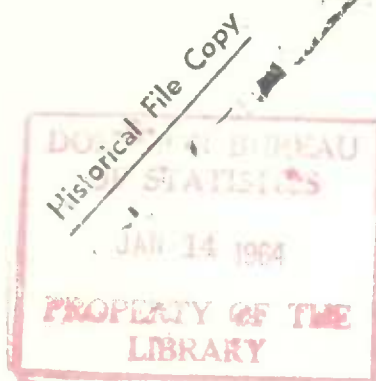


CATALOGUE No.

41-001

MONTHLY



CANADA

# PRIMARY IRON AND STEEL

OCTOBER 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)

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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.

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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 October 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)

	October 1963	Ten months ended October 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	63,457	646,318
From foreign mines .....	160,924	1,542,929
Pyrite cinder .....	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	160,253	1,673,327
From foreign mines .....	297,439	2,526,975
From own processing .....	122,361	1,420,177
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	17,083	159,061
Scrap iron and steel .....	6,703	51,599
Limestone .....	65,317	660,733
Dolomite .....	40,735	339,032
Coke .....	303,073	2,979,478

(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 October

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	388,890	7,705	440,636	13,160
Foundry (including silvery pig)(2) .....	3,049	13,254	36,746	37,741
Malleable .....	36,489	44,766	51,314	64,233
Total pig iron .....	428,428	65,725	528,696	115,134
Ferro-alloys .....	13,952	12,323	11,289	12,482
Stocks of pig iron on hand at end of month .....	354,392		263,684	

(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 Ten Months Ended October

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	3,804,481	40,022	4,234,272	58,641
Foundry (including silvery pig)(2) .....	246,794	240,269	233,279	229,986
Malleable .....	450,847	353,666	443,235	298,571
Total pig iron .....	4,502,122	633,957	4,910,786	587,198
Ferro-alloys .....	113,228	106,704	116,312	117,080

(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

	October		Ten months ended October	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron .....	384,638	448,203	3,812,505	4,205,507
Scrap - Own make .....	157,923	206,687	1,657,103	1,884,210
Purchased .....	128,446	125,016	1,272,785	1,483,146
Total pig iron and scrap .....	671,007	779,906	6,742,393	7,572,863

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

	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 .....	531,487	7,920	624,146	16,703
Electric .....	58,495	8,161	62,025	9,491
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .	589,982	16,081	686,171	26,194
Alloy steel ingots included in above .....	26,881	923	33,992	767
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	374	374	739	739
Electric .....	7,975	9,757	11,711	10,604
Other .....	-	-	-	-
Total steel castings .....	8,349	10,131	12,450	11,343
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	267	342	382	318
High alloy, manganese and abrasion resistant ...	1,940	1,773	2,221	2,170
All other alloys .....	523	545	804	649
Total alloy castings .....	2,730	2,660	3,407	3,137

(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 Ten Months Ended October

	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 .....	5,349,323	155,730	6,066,604	139,516
Electric .....	538,104	75,607	626,217	101,531
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	5,887,427	231,337	6,692,821	241,047
Alloy steel ingots included in above .....	255,630	8,386	326,968	9,756
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	3,349	3,349	4,996	4,998
Electric .....	100,811	99,593	94,967	93,321
Other .....	-	-	-	-
Total steel castings .....	104,160	102,942	99,963	98,319
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	2,705	2,396	3,025	2,754
High alloy, manganese and abrasion resistant ...	17,501	17,332	17,762	17,216
All other alloys .....	4,264	4,285	5,519	5,197
Total alloy castings .....	24,470	24,013	26,306	25,167

(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

	October 1963		Ten months ended October 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	101	-	232
All other .....	203	359	986	2,718
Automotive industries .....	431	48	3,680	286
Agricultural, including implement and equipment manufacturers .....	81	18	852	182
Machinery and tools .....	1,613	429	14,213	4,591
Mining, lumbering and quarrying industries .....	1,208	1,314	9,005	10,215
Oil and gas, including refineries .....	13	4	239	175
National defence .....	27	18	197	173
Public works and public utilities .....	93	21	510	382
Railway operating .....	3,219	347	35,854	2,313
Railway cars and locomotives .....	968	138	4,761	601
Shipbuilding .....	105	13	728	91
Miscellaneous and unclassified .....	236	338	2,109	3,219
Total shipments .....	8,197	3,148	73,134	25,178

(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		
			Ingots	Castings	Total steel
net tons of 2,000 pounds					
<u>1962</u>					
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
<u>1963</u>					
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 <sup>F</sup>
October .....	528,696	11,289	686,171	12,450	698,621
November .....					
December .....					
Totals .....					

<sup>F</sup> Revised figures.

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

	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) .....	16,469	18,928	12,067	16,579
Over 4 1/2" outside diameter (including all sizes of casing) .....	22,929	21,505	17,326	21,342
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	7,997	7,067	8,089	8,221
Totals .....	47,395	47,500	37,482	46,142
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	115	159	126	155
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	648	584	574	618
Totals .....	763	743	700	773

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings Ten Months Ended October

	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) .....	177,724	169,106	151,794	153,072
Over 4 1/2 " outside diameter (including all sizes of casing) .....	175,807	170,036	281,532	286,359
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	65,609	64,401	66,758	61,093
Totals .....	419,140	403,543	500,084	500,524
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	1,095	1,260	1,374	1,577
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	4,915	5,351	5,120	5,515
Totals .....	6,010	6,611	6,494	7,092

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, October 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 .....	26,025	19,433	7,786	11,647
For forging and piercing .....	16,469	15,136	-	15,136
Rails .....	25,572	21,689	-	21,689
Wire rods .....	30,095	29,679	-	29,679
Structural shapes:				
Heavy, including piling .....	34,124	34,432	-	34,432
Light .....	10,904	10,352	-	10,352
Concrete reinforcing bars .....	38,834	48,704	-	48,704
Other hot rolled bars .....	38,130	37,878	3,375	34,503
Tie plates and track material:				
Angle bars .....	661	697	-	697
Tie plates .....	2,190	2,998	-	2,998
Track spikes .....	499	448	-	448
Plates (including plates for pipes and tubes) .....	56,892	60,054	-	60,054
Hot rolled sheets and strip ....	263,295	257,647	172,258	85,389
Total hot rolled products ..	543,690	539,147	183,419	355,728
<u>Cold rolled and coated:</u>				
Cold finished bars .....	3,684	4,001	-	4,001
Cold reduced strip .....	5,804	5,377	-	5,377
Cold reduced sheets, tin mill black plate and tin plate ....	174,516	172,415	77,531	94,884
Galvanized sheets .....	32,511	36,796	-	36,796
Total cold rolled and coated .	216,515	218,589	77,531	141,058
Total carbon steel .....	760,205	757,736	260,950	496,786
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	15	15	15	-
For forging and piercing .....	2,120	2,120	-	2,120
Alloy plates .....	410	682	-	682
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	12,422	12,986	129	12,857
Structurals .....	-	-	-	-
Cold finished bars .....	452	502	-	502
Wire rods .....	219	215	-	215
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	2,271	2,379	-	2,379
Total alloy steel .....	17,909	18,899	144	18,755

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Ten Months Ended October 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 .....	181,083	175,456	92,238	83,218
For forging and piercing .....	145,366	141,150	-	141,150
Rails .....	287,112	286,928	-	286,928
Wire rods .....	325,943	322,771	-	322,771
Structural shapes:				
Heavy, including piling .....	322,852	316,449	-	316,449
Light .....	75,369	78,387	-	78,387
Concrete reinforcing bars .....	343,530	361,821	-	361,821
Other hot rolled bars .....	395,582	385,250	40,533	344,717
Tie plates and track material:				
Angle bars .....	14,306	14,137	-	14,137
Tie plates .....	47,645	51,166	-	51,166
Track spikes .....	7,510	7,681	-	7,681
Plates (including plates for pipes and tubes) .....	603,493	606,035	-	606,035
Hot rolled sheets and strip ....	2,472,507	2,461,560	1,644,493	817,067
Total hot rolled products ..	5,222,298	5,208,791	1,777,264	3,431,527
<u>Cold rolled and coated:</u>				
Cold finished bars .....	42,614	42,194	-	42,194
Cold reduced strip .....	53,022	49,491	-	49,491
Cold reduced sheets, tin mill black plate and tin plate ....	1,659,794	1,664,655	738,550	926,105
Galvanized sheets .....	327,822	328,191	-	328,191
Total cold rolled and coated .	2,083,252	2,084,531	738,550	1,345,981
Total carbon steel .....	7,305,550	7,293,322	2,515,814	4,777,508
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	64	64	64	-
For forging and piercing .....	20,441	22,042	-	22,042
Alloy plates .....	1,466	4,816	-	4,816
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	108,152	108,506	1,223	107,283
Structurals .....	-	-	-	-
Cold finished bars .....	5,827	5,793	-	5,793
Wire rods .....	3,029	3,031	-	3,031
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	28,383	28,566	-	28,566
Total alloy steel .....	167,362	172,818	1,287	171,531

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

SDI No.		October 1963		Ten months ended October 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	72,854	846	674,741	5,944
5	Direct export:				
	(a) British Commonwealth .....	11,782	565	161,348	5,046
	(b) All other .....	63,054	2,170	428,967	20,991
6	Automotive industries .....	32,312	8,520	270,012	66,045
7	Agricultural, including implement and equipment manufacturers .....	12,330	192	121,203	3,070
8	Building construction .....	113,070	187	950,844	4,172
9	Container industry .....	26,665	58	352,791	1,023
10	Machinery and tools .....	23,275	2,249	208,431	27,547
11	Merchant trade products .....	38,931	890	383,739	10,536
12	Mining, lumbering, etc. ....	5,983	1,663	51,910	13,153
13	National defence .....	54	39	1,190	211
14	Pressing, forming and stamping .....	25,721	361	254,748	5,019
15	Public works and utilities .....	1,940	-	21,792	-
16	Railway operating .....	12,511	23	228,653	304
17	Railway cars and locomotives .....	2,042	81	27,352	247
18	Shipbuilding .....	9,125	4	76,666	264
19	Pipes and tubes .....	43,719	907	549,130	7,929
20	Miscellaneous and unclassified .....	1,418	-	13,991	33
	Net shipments .....	496,786	18,755	4,777,508	171,534

(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, October 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 .....	2	111	514	7,345	4,288	13,248	5,271
5	Direct export:							
	(a) British Commonwealth ....	11,647	-	-	-	-	-	295
	(b) All other .....	573	10,896	180	957	69	428	3,697
6	Automotive industries .	2,914	-	73	5	13	-	11,048
7	Agricultural, etc. ....	-	-	12	1,291	1,234	-	3,187
8	Building construction .	-	88	1,210	21,986	3,084	32,348	3,688
9	Container industry ....	-	-	14	-	-	-	4
10	Machinery and tools ...	1,490	67	292	908	228	982	4,146
11	Merchant trade .....	505	-	27,330	62	133	-	9,062
12	Mining, lumbering, etc.	100	353	42	678	37	17	5,125
13	National defence .....	-	-	-	-	-	-	46
14	Pressing, forming and stamping .....	101	-	9	172	1,136	-	703
15	Public works and utilities .....	-	-	3	-	3	1,681	29
16	Railway operating .....	2	10,174	8	142	61	-	608
17	Railway cars and locomotives .....	993	-	-	46	17	-	225
18	Shipbuilding .....	-	-	-	840	49	-	169
19	Pipes and tubes .....	10,576	-	-	-	-	-	1
20	Miscellaneous and unclassified .....	-	-	207	-	-	-	56
	Net shipments .....	28,903	21,689	29,894	34,432	10,352	48,704	47,360

(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, October 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								
47	13,548	10,259	1,203	144	10,655	7,065	73,700	4
								5
-	-	404	1	-	-	-	12,347	(a)
2,981	1,840	16,129	-	-	23,204	4,270	65,224	(b)
-	433	13,525	1,088	1,881	8,578	1,274	40,832	6
-	1,483	3,052	728	5	1,364	166	12,522	7
1	17,799	8,128	21	152	5,008	19,744	113,257	8
-	-	236	1	11	26,265	192	26,723	9
-	7,748	4,533	471	226	3,964	469	25,524	10
2	-	1,083	502	36	722	384	39,821	11
17	803	232	54	-	144	44	7,646	12
-	-	-	47	-	-	-	93	13
-	1,208	7,819	356	1,718	10,254	2,606	26,082	14
5	96	-	-	5	118	-	1,940	15
1,089	261	132	6	-	-	51	12,534	16
-	430	357	1	-	54	-	2,123	17
1	7,796	83	7	-	8	176	9,129	18
-	7,291	21,012	-	68	5,323	355	44,626	19
-	-	-	17	1,131	7	-	1,418	20
4,143	60,736	86,984	4,503	5,377	95,668	36,796	515,541	

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

October 1965

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	1,437	5,887	85,541	28,795	98,317	76,328
5	Direct export:							
	(a) British Commonwealth ....	83,218	76,060	114	79	-	-	2,049
	(b) All other .....	6,031	41,072	3,359	7,538	466	6,421	28,308
6	Automotive industries .	29,127	-	607	719	698	-	92,937
7	Agricultural, etc. ....	287	-	96	6,220	7,608	-	44,282
8	Building construction .	341	889	11,425	192,148	26,493	230,999	26,121
9	Container industry ....	-	-	123	-	-	121	462
10	Machinery and tools ...	10,279	828	2,584	5,865	2,576	5,632	53,881
11	Merchant trade .....	3,151	-	299,524	881	1,055	1,779	62,481
12	Mining, lumbering, etc.	730	6,243	527	3,364	658	198	43,272
13	National defence .....	6	23	-	-	-	525	282
14	Pressing, forming and stamping .....	2,005	-	139	974	8,128	165	7,904
15	Public works and utilities .....	6	-	6	549	177	17,222	901
16	Railway operating .....	48	160,287	86	1,320	745	97	5,766
17	Railway cars and locomotives .....	5,018	51	16	3,745	446	6	4,054
18	Shipbuilding .....	26	38	-	7,481	458	27	2,184
19	Pipes and tubes .....	106,037	-	-	22	50	-	34
20	Miscellaneous and unclassified .....	23	-	1,309	3	34	412	754
	Net shipments .....	246,410	286,928	325,802	316,449	78,387	361,821	452,000

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

(2) Includes revisions for September. See Table 20, page 22 for details.

(3) The revised June total of 56,097 and the six months total of 239,392 as published in Table 20 of the September issue has been further revised to now read 55,675 and 238,970 respectively. All other data is correct as shown.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Ten Months ended October 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars(2)	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total(2)	SDI No.
net tons of 2,000 pounds								
610	115,104	87,806	13,319	1,348	102,612	63,504	680,685	4
								5
-	-	4,012	25	-	837	-	166,394	(a)
18,872	16,161	156,838	53	-	127,663	37,176	449,958(3)	(b)
1	2,221	106,653	11,372	14,237	69,294	8,191	336,057	6
-	8,996	33,128	7,994	158	12,919	2,585	124,273	7
19	147,270	77,687	301	1,727	58,061	181,635	955,016	8
-	60	4,371	11	129	347,653	884	353,814	9
4	62,086	39,793	5,538	3,078	40,122	3,712	235,978	10
39	213	10,018	5,404	224	8,138	1,368	394,275	11
1,018	4,226	2,251	550	-	1,696	330	65,063	12
-	20	63	117	310	55	-	1,401	13
-	7,294	70,510	2,999	17,428	117,372	24,849	259,767	14
181	1,764	31	-	5	840	110	21,792	15
51,883	6,085	2,037	49	-	193	361	228,957	16
307	9,147	4,073	19	51	543	123	27,599	17
2	64,141	854	41	42	730	906	76,930	18
-	165,862	234,732	48	567	47,352	2,355	557,059	19
48	201	-	150	10,187	801	102	14,024	20
72,984	610,851	834,857	47,990	49,491	936,881	328,191	4,949,042	

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

	October 1963	Ten months ended October 1963
	net tons of 2,000 pounds	
Pig iron .....	79,287	323,953
Sponge iron .....	501	5,141
Steel ingots .....	25,926	152,415(2)
Blooms, billets, slab steel .....	52,506	165,672
Iron castings, n.e.s. ....	1,945	12,416
Steel castings .....	380	2,179
Forgings, n.e.s. ....	1,117	11,849
Bars steel, hot rolled .....	2,656	26,317
Wire rods steel, hot rolled .....	1,407	4,859
Bars steel, cold rolled .....	97	1,322
Plate steel .....	1,981	17,533
Sheet and strip, carbon steel, hot rolled .....	23,919	165,428
Sheet and strip, carbon steel, cold rolled .....	6,835	45,117
Sheet, strip, galvanized .....	4,322	34,604
Sheet and strip, n.e.s. ....	15,028	92,730
Structural shapes .....	2,436	24,846
Rails .....	17,465	122,902
Cast iron pipe .....	269	797
Pipes and tubes, iron and steel, n.e.s. ....	2,169	15,728
Totals .....	240,246	1,225,808

(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	August 1963	Eight months ended August 1963
	net tons of 2,000 pounds	
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron .....	181	13,449
Ingots, carbon steel .....	30	304
Ingots, alloy steel .....	79	679
Blooms, billets and slabs, carbon steel .....	447	879
Blooms, billets and slabs, alloy steel .....	61	939
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled .....	7,932	57,590
Bars, carbon steel, hot rolled n.o.p. ....	5,421	28,026
Bars, alloy steel, hot rolled .....	417	3,600
Wire rods, steel, hot rolled .....	4,323	39,212
Bars, carbon steel, cold drawn or cold finished	447	2,633
Bars, alloy steel, cold drawn or cold finished	57	421
Bars or rods, steel, fabricated n.o.p. ....	316	1,924
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p. ....	3,310	18,501
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p. ....	9,318	27,207
Plates, carbon steel, over 100 inches in width n.o.p. ....	1,075	4,042
Floor plate, carbon steel .....	737	4,311
Plates, fabricated or coated n.o.p. ....	68	2,089
Plates, flanged or dished, drilled or not .....	199	2,087
Plates, stainless steel (including carbon steel clad with stainless) .....	321	1,972
Plates, alloy steel n.o.p., except stainless ..	462	4,551
Plate, sheet or strip, not tempered or ground, for saws .....	172	1,710

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

Commodity	August 1963	Eight months ended August 1963
net tons of 2,000 pounds		
Plates, sheet and strip - Continued:		
Plate, sheet or strip, hardened, tempered or ground, for saws .....	22	299
Stainless and other alloy steel for pipes and tubes .....	74	617
Carbon steel, hot rolled, for pipes, over 60 inches in width .....	1,016	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 .....	-	390
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. ....	971	7,779
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p. ....	7,525	18,811
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p. ....	1,190	7,650
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p. ....	1,003	4,570
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p. ....	334	3,716
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p. ....	459	5,594
Sheet, and strip, carbon steel, finished for porcelain enamelling .....	176	1,460
Sheet and strip, carbon steel, coated with tin (tinplate) .....	273	3,295
Sheet and strip, carbon steel, coated with zinc (galvanized) .....	460	3,241
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate) .....	774	8,142
Sheet and strip, carbon steel, coated with metal or metals n.o.p. ....	682	4,883
Sheet and strip, carbon steel, coated n.o.p. ..	400	3,483
Sheet and strip stainless steel, hot rolled, 60 inches or less in width .....	See page 21	
Sheet, stainless steel, hot rolled, over 60 inches in width .....	17	124

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

Commodity	August 1963	Eight months ended August 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 .....	326	1,411
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	175
Sheet and strip, silicon steel .....	1,123	13,920
Sheet and strip, alloy steel n.o.p. ....	117	798
Sheet and strip, corrugated or fabricated n.o.p. ....	187	802
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web .....	2,621	22,672
Bearing pile, carbon steel .....	88	2,528
Wide flange beams, carbon steel n.o.p. ....	4,352	34,352
Structural shapes, carbon steel, large sizes n.o.p. ....	2,320	19,735
Structural shapes, carbon steel, intermediate sizes n.o.p. ....	3,355	23,332
Structural shapes, bar size, carbon steel .....	2,213	20,836
Sheet piling, carbon steel .....	1,802	9,693
Structural shapes, alloy steel .....	49	310
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames .....	308	1,543
Structural shapes, fabricated n.o.p. ....	360	2,677
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles .....	2	546
Tires of steel, in the rough, for railway vehicles .....	1	47

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

Commodity	August 1963	Eight months ended August 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 .....	186	936
Railway rails, iron or steel .....	169	5,762
Fish plates, splice bars, rail joints and tie plates, iron or steel .....	44	2,070
Railway track material n.o.p. ....	79	257
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron .....	58	1,656
Drill pipe .....	174	1,624
Oil country goods, steel n.o.p. ....	2,978	20,345
Pipes, tubes more than 10 1/2 inches in diam- eter and fittings, steel, for transmission of natural gas or crude oil .....	2,711	2,876
Corrugated metal culvert pipe .....	-	102
Mechanical tubing, steel .....	1,266	10,098
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil .....	810	6,447
Tubes, seamless steel, for bearings .....	587	5,377
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery .....	49	239
Pipes and tubes, steel welded n.o.p. ....	3,210	18,659
Pipes and tubes, steel, seamless, hot finished n.o.p. ....	1,750	5,725
Pipes and tubes, steel, seamless, cold finished n.o.p. ....	383	2,580
Pipes and tubes, iron or steel n.o.p. ....	1,049	5,750
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope .....	1,942	15,419
Wire, steel, flat or shaped .....	25	325

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

Commodity	August 1963	Eight months ended August 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 .....	120	994
Wire, iron or steel, not coated n.o.p. ....	724	4,763
Wire, steel, galvanized n.o.p. ....	745	5,696(1)
Wire, iron or steel, coated n.o.p., except insulated .....	62	580(1)
Wire, barbed, including galvanized .....	343	7,052
Wire strand, including twisted and braided, coated or not .....	48	476
Wire rope for use in logging, coated or not ...	257	1,383
Wire rope, coated or not n.o.p. ....	203	1,859
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel .....	193	2,485
Welding rods and electrodes, n.o.p. ....	44	275
Welding wire .....	116	940
<u>Plates, sheet and strip:</u>		
Sheet and strip stainless steel hot rolled 60 inches or less in width:		
Thinner than 18 gauge .....	41	165(1)
18 gauge and thicker .....	452	2,467(1)
Sheet stainless steel, cold rolled over 18 inches to 51 inches in width:		
Thinner than 18 gauge .....	325	3,414(1)
18 gauge and heavier .....	434	3,102(1)
Total imports of selected forms of iron and steel .....	91,551	602,019

(1) Includes revisions for year to date.

TABLE 20. Revised Disposition of Shipments of Cold Finished Bars and Total Rolled Steel Products  
September 1963

SDI No.	September 1963		Nine months ended September 1963	
	Cold finished bars	Total	Cold finished bars	Total
net tons of 2,000 pounds				
4 Wholesalers and warehouses .....	851	67,343	12,116	606,985
5 Direct export:				
(a) British Commonwealth .....	1	23,704	24	154,047
(b) All other .....	-	49,774	53	384,734
6 Automotive industries .....	883	34,908	10,284	295,225
7 Agricultural, etc. ....	852	17,684	7,266	111,751
8 Building construction .....	23	105,005	280	841,759
9 Container industry .....	1	30,087	10	327,091
10 Machinery and tools .....	419	24,785	5,067	210,454
11 Merchant trade .....	613	36,563	4,902	354,454
12 Mining, lumbering, etc. ....	50	5,717	496	57,417
13 National defence .....	6	30	70	1,308
14 Pressing, forming and stamping .....	355	26,526	2,643	233,685
15 Public works and utilities .....	-	2,801	-	19,852
16 Railway operating .....	4	5,024	43	216,423
17 Railway cars and locomotives .....	-	2,044	18	25,476
18 Shipbuilding .....	4	7,671	34	67,801
19 Pipes and tubes .....	-	43,915	48	512,433
20 Miscellaneous and unclassified .....	12	1,814	133	12,606
Net shipments .....	4,074	485,395	43,487	4,433,501



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