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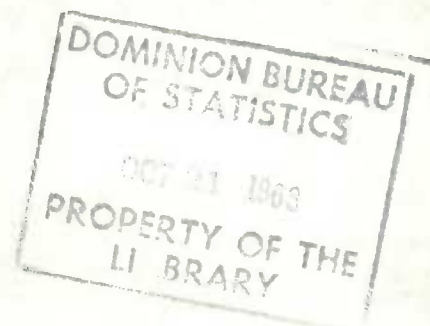
## PRIMARY IRON AND STEEL

JULY 1963

A new publication "Monthly Survey of Steel Warehousing", containing sales and inventory data for Canada and the provinces—Catalogue No. 63-010—is now available at 10 cents a copy, \$1.00 a year. First issue, July 1963.

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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.

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

	July 1963	Seven months ended July 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines .....	74,825	470,012
From foreign mines .....	137,984	1,073,391
Pyrite cinder .....	4,989	32,027
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines .....	175,875	1,190,716
From foreign mines .....	290,787	1,635,774
From own processing .....	161,169	1,027,580
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.) .....	11,625	75,355
Scrap iron and steel .....	5,228	31,555
Limestone .....	65,266	466,365
Dolomite .....	36,367	222,886
Coke .....	309,761	2,069,204

(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 July

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	396,289	2,161	456,268	6,433
Foundry (including silvery pig)(2) .....	31,809	42,578	31,677	38,447
Malleable .....	63,230	42,940	51,326	24,781
Total pig iron .....	491,328	87,679	539,271	69,661
Ferro-alloys .....	9,753	9,675	11,128	13,049
Stocks of pig iron on hand at end of month .....	411,690		299,456	

(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 Seven Months Ended July

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic .....	2,626,065	14,965	2,910,664	35,349
Foundry (including silvery pig)(2) .....	211,306	171,364	126,176	108,701
Malleable .....	298,641	221,216	294,977	158,854
Total pig iron .....	3,136,012	407,545	3,331,817	302,904
Ferro-alloys .....	76,516	70,038	79,239	79,818

(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 1963

	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

	July		Seven months ended July	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron .....	406,814	430,276	2,626,236	2,891,807
Scrap - Own make .....	170,522	173,590	1,150,798	1,292,484
Purchased .....	108,624	128,217	866,693	1,085,711
Total pig iron and scrap .....	685,960	732,083	4,643,727	5,270,002

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

	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 .....	560,176	46,124	605,148	21,821
Electric .....	43,860	6,568	45,853	19,469
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .	604,036	52,692	651,001	41,290
Alloy steel ingots included in above .....	21,225	752	28,341	1,003
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	187	187	321	321
Electric .....	6,862	8,522	6,121	6,020
Other .....	-	-	-	-
Total steel castings .....	7,049	8,709	6,442	6,341
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	302	211	318	315
High alloy, manganese and abrasion resistant ...	1,499	1,849	1,515	1,706
All other alloys .....	234	255	423	453
Total alloy castings .....	2,035	2,315	2,256	2,474

(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, Seven Months Ended July

	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 .....	3,676,306	101,204	4,220,347	82,331
Electric .....	372,301	53,086	434,525	72,515
Oxygen .....	(2)	(2)	(2)	(2)
Total steel ingots .....	4,048,607	154,290	4,654,872	154,846
Alloy steel ingots included in above .....	178,616	5,739	223,686	7,486
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth .....	2,423	2,423	3,058	3,060
Electric .....	72,226	71,079	65,714	63,049
Other .....	-	-	-	-
Total steel castings .....	74,649	73,502	68,772	66,109
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant .....	1,991	1,643	2,123	1,944
High alloy, manganese and abrasion resistant ...	12,063	11,920	11,510	11,760
All other alloys .....	2,764	2,702	3,576	3,431
Total alloy castings .....	16,818	16,265	17,209	17,135

(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

	July 1963		Seven months ended July 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth .....	-	1	-	131
All other .....	28	235	491	1,841
Automotive industries .....	427	20	2,423	189
Agricultural, including implement and equipment manufacturers .....	93	11	620	118
Machinery and tools .....	1,488	400	9,621	3,301
Mining, lumbering and quarrying industries .....	801	1,222	5,765	6,801
Oil and gas, including refineries .....	11	8	204	149
National defence .....	18	18	138	103
Public works and public utilities .....	81	27	350	314
Railway operating .....	355	168	25,068	1,492
Railway cars and locomotives .....	266	67	2,550	323
Shipbuilding .....	91	3	409	66
Miscellaneous and unclassified .....	208	294	1,335	2,307
Total shipments .....	3,867	2,474	48,974	17,135

(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 .....					
September .....					
October .....					
November .....					
December .....					
Totals .....					

(1) Revised figures.

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

	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) .....	18,815	20,310	12,597	18,222
Over 4 1/2" outside diameter (including all sizes of casing) .....	17,303	21,122	22,970	25,432
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing) .....	5,424	5,285	6,636	6,521
Totals .....	41,542	46,717	42,203	50,175
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	108	163	123	156
Nipples .....	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	431	571	533	562
Totals .....	539	734	656	718

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Seven Months Ended July

	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) .....	128,572	116,526	103,638	105,936
Over 4 1/2 " outside diameter (including all sizes of casing) .....	102,393	95,012	220,596	215,588
Mechanical and pressure tubing, welded and seamless ( including boiler and oil well tubing but excluding casing) .....	44,593	45,274	44,440	39,474
Totals .....	275,558	256,812	368,674	360,998
<u>Steel pipe fittings:</u>				
Buttwelding fittings .....	719	796	979	1,090
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings .....	3,127	3,575	3,499	3,825
Totals .....	3,846	4,371	4,478	4,915

(1) Included with other.



TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, July 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 .....	18,010	9,413	9,413	-
For forging and piercing .....	13,241	11,637	-	11,637
Rails .....	35,637	39,067	-	39,067
Wire rods .....	29,285	30,817	-	30,817
Structural shapes:				
Heavy, including piling .....	27,460	31,373	-	31,373
Light .....	7,411	8,379	-	8,379
Concrete reinforcing bars .....	31,992	39,058	-	39,058
Other hot rolled bars .....	36,877	37,174	3,018	34,156
Tie plates and track material:				
Angle bars .....	1,633	1,613	-	1,613
Tie plates .....	4,653	6,436	-	6,436
Track spikes .....	537	620	-	620
Plates (including plates for pipes and tubes) .....	60,725	60,322	-	60,322
Hot rolled sheets and strip ....	251,995	254,887	173,960	80,927
Total hot rolled products ..	519,456	530,796	186,391	344,405
<u>Cold rolled and coated:</u>				
Cold finished bars .....	4,242	4,005	-	4,005
Cold reduced strip .....	3,720	3,698	-	3,698
Cold reduced sheets, tin mill black plate and tin plate ....	172,584	177,028	85,699	91,329
Galvanized sheets .....	37,097	36,958	-	36,958
Total cold rolled and coated .	217,643	221,689	85,699	135,990
Total carbon steel .....	737,099	752,485	272,090	480,395
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	-	-	-	-
For forging and piercing .....	2,926	2,878	-	2,878
Alloy plates .....	44	289	-	289
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	12,544	10,140	27	10,113
Structurals .....	-	-	-	-
Cold finished bars .....	417	452	-	452
Wire rods .....	407	393	-	393
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	2,012	2,177	-	2,177
Total alloy steel .....	18,350	16,329	27	16,302

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Seven Months Ended July 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 .....	116,518	107,271	70,270	37,001
For forging and piercing .....	104,016	99,771	-	99,771
Rails .....	224,425	237,498	-	237,498
Wire rods .....	231,354	228,906	-	228,906
Structural shapes:				
Heavy, including piling .....	222,746	218,970	-	218,970
Light .....	52,274	55,232	-	55,232
Concrete reinforcing bars .....	235,593	228,996	-	228,996
Other hot rolled bars .....	280,102	268,350	31,799	236,551
Tie plates and track material:				
Angle bars .....	11,927	11,810	-	11,810
Tie plates .....	39,042	38,313	-	38,313
Track spikes .....	5,983	6,426	-	6,426
Plates (including plates for pipes and tubes) .....	429,284	428,595	-	428,595
Hot rolled sheets and strip ....	1,710,007	1,718,285	1,141,352	576,933
Total hot rolled products ..	3,663,271	3,648,423	1,243,421	2,405,002
<u>Cold rolled and coated:</u>				
Cold finished bars .....	32,088	31,130	-	31,130
Cold reduced strip .....	36,486	33,833	-	33,833
Cold reduced sheets, tin mill black plate and tin plate ....	1,137,042	1,149,013	497,256	651,757
Galvanized sheets .....	216,584	218,685	-	218,685
Total cold rolled and coated .	1,422,200	1,432,661	497,256	935,405
Total carbon steel .....	5,085,471	5,081,084	1,740,677	3,340,407
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling .....	42	42	42	-
For forging and piercing .....	13,404	14,992	-	14,992
Alloy plates .....	913	3,525	-	3,525
Other hot rolled bars, including high-speed steel and other alloy tool steel .....	74,485	71,228	789	70,439
Structurals .....	-	-	-	-
Cold finished bars .....	4,197	4,125	-	4,125
Wire rods .....	2,011	2,035	-	2,035
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel .....	20,379	20,416	-	20,416
Total alloy steel .....	115,431	116,363	831	115,532

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

SDI No.		July 1963		Seven months ended July 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses .....	69,167	468	466,610	4,069
5	Direct export:				
	(a) British Commonwealth .....	13,643	318	139,469	3,374
	(b) All other .....	60,721	2,237	261,587	15,465
6	Automotive industries .....	17,034	4,618	180,573	41,886
7	Agricultural, including implement and equipment manufacturers .....	10,587	453	82,051	2,091
8	Building construction .....	101,970	271	623,821	3,341
9	Container industry .....	42,844	19	256,909	761
10	Machinery and tools .....	21,068	2,565	144,288	20,125
11	Merchant trade products .....	35,840	1,496	270,193	7,505
12	Mining, lumbering, etc. ....	5,146	1,350	37,010	8,219
13	National defence .....	123	10	1,054	154
14	Pressing, forming and stamping .....	18,425	258	178,226	3,557
15	Public works and utilities .....	3,093	-	13,997	-
16	Railway operating .....	19,209	31	188,141	188
17	Railway cars and locomotives .....	4,302	28	18,545	166
18	Shipbuilding .....	8,109	9	53,319	235
19	Pipes and tubes .....	48,132	2,174	415,338	4,366
20	Miscellaneous and unclassified .....	982	-	9,276	33
	Net shipments .....	480,395	16,305	3,340,407	115,535

(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, July 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 .....	-	125	721	8,084	3,168	10,658	7,388
5	Direct export:							
	(a) British Commonwealth .....	-	13,402	-	-	-	-	283
	(b) All other .....	255	12,114	173	845	18	289	3,608
6	Automotive industries .	937	-	15	120	116	-	6,692
7	Agricultural, etc. ....	-	-	18	280	589	-	5,462
8	Building construction .	34	146	1,111	20,020	3,097	24,908	2,826
9	Container industry ....	-	-	2	-	-	-	98
10	Machinery and tools ...	944	10	157	454	407	399	5,676
11	Merchant trade .....	393	-	28,906	20	43	4	5,487
12	Mining, lumbering, etc.	38	446	56	219	-	17	5,007
13	National defence .....	-	-	-	-	-	22	107
14	Pressing, forming and stamping .....	52	-	27	25	503	-	555
15	Public works and utilities .....	-	-	-	64	28	2,632	28
16	Railway operating .....	5	12,817	21	252	114	15	465
17	Railway cars and locomotives .....	883	-	-	405	136	-	176
18	Shipbuilding .....	1	7	-	585	160	24	298
19	Pipes and tubes .....	10,973	-	-	-	-	-	26
20	Miscellaneous and unclassified .....	-	-	3	-	-	90	87
	Net shipments .....	14,515	39,067	31,210	31,373	8,379	39,058	44,269

(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, July 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								
48	13,445	9,029	1,661	89	8,599	6,620	69,635	4
								5
-	-	265	11	-	-	-	13,961	(a)
3,885	977	20,717	-	-	14,504	5,573	62,958	(b)
1	146	7,019	915	1,031	4,047	613	21,652	6
-	568	2,255	528	9	1,058	273	11,040	7
1	15,333	7,986	28	201	5,234	21,316	102,241	8
-	-	464	-	23	42,189	87	42,863	9
-	6,897	4,317	481	336	3,502	53	23,633	10
12	4	1,039	448	-	851	129	37,336	11
28	122	253	48	-	242	20	6,496	12
-	-	2	2	-	-	-	133	13
-	568	6,180	255	1,269	7,455	1,794	18,683	14
-	-	26	-	-	315	-	3,093	15
4,573	448	358	8	-	9	155	19,240	16
121	1,615	982	12	-	-	-	4,330	17
-	6,819	131	1	-	-	92	8,118	18
-	13,669	21,172	-	19	4,233	214	50,306	19
-	-	-	62	721	-	19	982	20
8,669	60,611	82,195	4,460	3,698	92,238	36,958	496,700	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Seven Months Ended July 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 .....	47	907	4,378	63,863	20,145	63,180	56,070
5	Direct export:							
	(a) British Commonwealth ....	37,001	76,060	38	79	-	-	1,184
	(b) All other .....	4,616	26,339	2,251	4,193	356	5,666	18,981
6	Automotive industries .	21,057	-	438	632	600	-	59,983
7	Agricultural, etc. ....	126	-	69	3,473	5,112	-	29,387
8	Building construction .	341	714	8,046	129,386	18,482	142,527	16,825
9	Container industry ....	-	-	93	-	-	-	356
10	Machinery and tools ...	6,636	476	1,920	3,659	1,937	3,689	38,590
11	Merchant trade .....	2,391	-	212,425	631	831	1,776	41,577
12	Mining, lumbering, etc.	610	4,394	412	2,620	572	148	29,011
13	National defence .....	6	-	-	-	-	486	226
14	Pressing, forming and stamping .....	1,425	-	100	671	5,892	155	5,638
15	Public works and utilities .....	-	-	-	464	165	11,060	220
16	Railway operating .....	35	128,527	72	1,022	428	91	4,080
17	Railway cars and locomotives .....	3,198	43	14	2,768	345	6	2,582
18	Shipbuilding .....	15	38	-	5,506	347	27	1,703
19	Pipes and tubes .....	74,237	-	-	-	10	-	30
20	Miscellaneous and unclassified .....	23	-	685	3	10	185	547
	Net shipments .....	151,764	237,498	230,941	218,970	55,232	228,996	306,990

(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, Seven Months Ended July 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								
437	72,890	62,428	10,420	968	72,771	42,175	470,679	4
								5
-	-	21,776	21	-	4,071	2,613	142,843	(a)
7,601	10,903	93,144	53	-	78,596	24,353	277,052	(b)
1	1,465	69,851	8,124	9,372	45,662	5,274	222,459	6
-	5,261	23,269	5,929	122	9,478	1,916	84,142	7
16	97,962	51,340	213	1,363	41,042	118,905	627,162	8
-	30	3,123	7	82	253,377	602	257,670	9
4	42,748	27,854	4,061	2,032	28,508	2,299	164,413	10
32	196	7,141	3,787	134	6,096	681	277,698	11
973	2,831	1,833	383	-	1,198	244	45,229	12
-	20	58	47	310	55	-	1,208	13
-	4,070	48,459	1,981	12,297	84,068	17,027	181,783	14
30	1,492	31	-	-	425	110	13,997	15
47,103	4,832	1,757	37	-	70	275	188,329	16
307	5,913	2,977	18	-	417	123	18,711	17
-	44,131	625	11	42	704	405	53,554	18
-	137,298	173,785	45	298	32,419	1,582	419,704	19
45	78	-	121	6,813	698	101	9,309	20
56,549	432,120	589,451	35,258	33,833	659,655	218,685	3,455,942	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	June 1963	Six months ended June 1963
Pig iron .....	27,086	77,206
Sponge iron .....	481	3,310
Steel ingots .....	30,607	70,401
Blooms, billets, slab steel .....	1,583	60,246
Iron castings, n.e.s. ....	1,125	6,580
Steel castings .....	250	1,142
Forgings, n.e.s. ....	1,365	7,644
Bars steel, hot rolled .....	2,385	16,645
Wire rods steel, hot rolled .....	148	2,361
Bars steel, cold rolled .....	95	883
Plate steel .....	1,022	11,065
Sheet and strip, carbon steel, hot rolled .....	29,095	100,537
Sheet and strip, carbon steel, cold rolled .....	5,081	25,981
Sheet, strip, galvanized .....	5,308	18,986
Sheet and strip, n.e.s. ....	9,959	52,344
Structural shapes .....	1,513	12,315
Rails .....	10,434	51,760
Cast iron pipe .....	132	285
Pipes and tubes, iron and steel, n.e.s. ....	412	7,039
Totals .....	128,081	526,730

(1) Customs clearance, latest available.

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

Commodity	May 1963	Five months ended May 1963
	net tons of 2,000 pounds	
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron .....	5,669	6,010
Ingots, carbon steel .....	5	238
Ingots, alloy steel .....	50	399
Blooms, billets and slabs, carbon steel .....	45	311
Blooms, billets and slabs, alloy steel .....	132	708
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled .....	11,607	27,418
Bars, carbon steel, hot rolled n.o.p. ....	4,141	13,571
Bars, alloy steel, hot rolled .....	469	2,211
Wire rods, steel, hot rolled .....	8,771	17,742
Bars, carbon steel, cold drawn or cold finished	322	1,395
Bars, alloy steel, cold drawn or cold finished	47	236
Bars or rods, steel, fabricated n.o.p. ....	248	905
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p. ....	2,935	7,198
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p. ....	2,579	6,168
Plates, carbon steel, over 100 inches in width n.o.p. ....	556	1,589
Floor plate, carbon steel .....	691	1,761
Plates, fabricated or coated n.o.p. ....	575	1,260
Plates, flanged or dished, drilled or not .....	300	1,293
Plates, stainless steel (including carbon steel clad with stainless) .....	184	1,184
Plates, alloy steel n.o.p., except stainless ..	526	3,304
Plate, sheet or strip, not tempered or ground, for saws .....	308	1,136

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	May 1963	Five months ended May 1963
	net tons of 2,000 pounds	
<u>Plates, sheet and strip - Continued:</u>		
Plate, sheet or strip, hardened, tempered or ground, for saws .....	38	222
Stainless and other alloy steel for pipes and tubes .....	180	260
Carbon steel, hot rolled, for pipes, over 60 inches in width .....	2,858	3,423(1)
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	6	12
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p. ....	1,036	2,742
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p. ....	551	2,888
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p. ....	834	3,959
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p. ....	1,072	2,776
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p. ....	453	2,749
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p. ....	699	4,099
Sheet and strip, carbon steel, finished for porcelain enamelling .....	302	948
Sheet and strip, carbon steel, coated with tin (tinplate) .....	978	2,704
Sheet and strip, carbon steel, coated with zinc (galvanized) .....	256	1,790
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate) .....	1,085	4,988
Sheet and strip, carbon steel, coated with metal or metals n.o.p. ....	405	2,816
Sheet and strip, carbon steel, coated n.o.p. ..	411	2,389
Sheet and strip stainless steel, hot rolled, 60 inches or less in width .....		
Sheet, stainless steel, hot rolled, over 60 inches in width .....	6	65

See page 21

(1) April should have read 565 instead of 560

See page 21

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	May 1963	Five months ended May 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 .....	156	782
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 .....	11	154
Sheet and strip, silicon steel .....	1,936	9,453
Sheet and strip, alloy steel n.o.p. ....	150	503
Sheet and strip, corrugated or fabricated n.o.p. ....	87	436
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web .....	3,076	15,217
Bearing pile, carbon steel .....	73	1,866
Wide flange beams, carbon steel n.o.p. ....	8,130	20,126
Structural shapes, carbon steel, large sizes n.o.p. ....	4,016	10,719
Structural shapes, carbon steel, intermediate sizes n.o.p. ....	4,255	9,260
Structural shapes, bar size, carbon steel .....	5,680	10,152
Sheet piling, carbon steel .....	1,737	5,238
Structural shapes, alloy steel .....	98	163
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames .....	325	888
Structural shapes, fabricated n.o.p. ....	373	1,675
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles .....	268	279
Tires of steel, in the rough, for railway vehicles .....	16	34

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	May 1963	Five months ended May 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 .....	175	582
Railway rails, iron or steel .....	3,271	4,943
Fish plates, splice bars, rail joints and tie plates, iron or steel .....	911	1,494
Railway track material n.o.p. ....	21	59
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron .....	297	793
Drill pipe .....	195	944
Oil country goods, steel n.o.p. ....	1,962	12,731
Pipes, tubes more than 10 1/2 inches in diame- ter and fittings, steel, for transmission of natural gas or crude oil .....	4	14
Corrugated metal culvert pipe .....	2	42
Mechanical tubing, steel .....	1,273	6,495
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil .....	1,095	4,200
Tubes, seamless steel, for bearings .....	886	3,312
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery .....	42	170
Pipes and tubes, steel welded n.o.p. ....	2,627	7,703
Pipes and tubes, steel, seamless, hot finished n.o.p. ....	613	2,321
Pipes and tubes, steel, seamless, cold finished n.o.p. ....	249	1,572
Pipes and tubes, iron or steel n.o.p. ....	716	3,134
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope .....	1,819	9,455
Wire, steel, flat or shaped .....	56	220



TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded

Commodity	May 1963	Five months ended May 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 .....	229	689
Wire, iron or steel, not coated n.o.p. ....	1,028	2,738
Wire, steel, galvanized n.o.p. ....	721	3,101
Wire, iron or steel, coated n.o.p., except insulated .....	136	400
Wire, barbed, including galvanized .....	1,723	5,819
Wire strand, including twisted and braided, coated or not .....	100	299
Wire rope for use in logging, coated or not ...	228	694
Wire rope, coated or not n.o.p. ....	373	1,148
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel .....	390	1,610
Welding rods and electrodes, n.o.p. ....	30	145
Welding wire .....	117	560(1)
<u>Plates, sheet and strip:</u>		
Sheet and strip stainless steel, hot rolled 60 inches or less in width:		
Thinner than 18 gauge .....	11	93
18 gauge and thicker .....	428	1,317
Sheet stainless steel, cold rolled, over 18 inches to 51 inches in width:		
Thinner than 18 gauge .....	424	2,218
18 gauge and heavier .....	283	2,069
Total imports of selected forms of iron and steel .....	104,152	305,286

(1) Includes revision for January 1963.





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