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PRIMARY IRON AND STEEL

DECEMBER 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 December 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)

	December 1963	Twelve months ended December 1963
	net tons of 2,000 pounds	
Crude iron ore:		
From Canadian mines	53,374	767,905
From foreign mines	115,289	1,783,927
Pyrite cinder	(2)	(2)
Iron ore (sintered, pelletized, etc.):		
From Canadian mines	175,909	2,018,783
From foreign mines	254,335	3,062,030
From own processing	138,723	1,692,584
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	15,904	195,501
Scrap iron and steel	4,851	65,530
Limestone	51,290	771,738
Dolomite	39,054	415,183
Coke	282,620	3,561,016

(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 December

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
Pig iron:				
Basic	380,449	2,923	419,772	3,476
Foundry (including silvery pig)(2)	2,693	91,570	36,578	45,786
Malleable	4,833	12,029	29,663	17,278
Total pig iron	387,975	106,522	486,013	66,540
Ferro-alloys	12,125	9,581	13,859	12,590
Stocks of pig iron on hand at end of month	212,353		197,630	

(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 Twelve Months Ended December

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
Pig iron:				
Basic	4,558,571	50,788	5,084,882	66,196
Foundry (including silvery pig)(2)	252,052	352,913	308,951	329,237
Malleable	478,310	407,934	521,164	363,524
Total pig iron	5,288,933	811,635	5,914,997	758,957
Ferro-alloys	138,249	128,689	143,702	142,768

(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 63

	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

	December		Twelve months ended December	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	372,487	429,151	4,559,486	5,084,606
Scrap - Own make	160,985	197,856	1,976,051	2,287,358
Purchased	122,135	145,670	1,544,430	1,777,810
Total pig iron and scrap	655,607	772,677	8,079,967	9,149,774

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

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
Steel ingots (both carbon and alloy):				
Basic open hearth	513,251	314	614,908	451
Electric	52,306	7,753	55,801	8,086
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	565,557	8,067	670,709	8,537
Alloy steel ingots included in above	28,579	749	36,921	687
Steel castings (both carbon and alloy):				
Basic open hearth	160	160	889	889
Electric	8,268	8,649	12,212	11,399
Other	-	-	-	-
Total steel castings	8,428	8,809	13,101	12,288
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	190	222	582	371
High alloy, manganese and abrasion resistant	1,839	1,675	2,208	1,987
All other alloys	503	429	756	720
Total alloy castings	2,532	2,326	3,546	3,078

(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 Twelve Months Ended December

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
Steel ingots (both carbon and alloy):				
Basic open hearth	6,397,106	156,539	7,322,734	154,394
Electric	653,736	91,165	742,138	117,529
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	7,050,842	247,704	8,064,872	271,923
Alloy steel ingots included in above	317,150	10,199	400,062	11,254
Steel castings (both carbon and alloy):				
Basic open hearth	3,913	3,913	6,729	6,731
Electric	118,720	117,502	118,678	115,202
Other	-	-	-	-
Total steel castings	122,633	121,415	125,407	121,933
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	3,193	2,898	3,944	3,448
High alloy, manganese and abrasion resistant	21,465	21,140	22,211	21,427
All other alloys	5,409	5,308	6,978	6,573
Total alloy castings	30,067	29,346	33,133	31,448

(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

	December 1963		Twelve months ended December 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	1	-	235
All other	246	368	1,590	3,500
Automotive industries	287	29	4,143	342
Agricultural, including implement and equipment manufacturers	82	17	1,019	219
Machinery and tools	1,945	470	17,643	5,492
Mining, lumbering and quarrying industries	1,060	1,172	11,122	12,780
Oil and gas, including refineries	14	16	262	212
National defence	18	5	230	190
Public works and public utilities	100	32	681	461
Railway operating	4,470	528	43,999	3,296
Railway cars and locomotives	701	75	6,319	733
Shipbuilding	38	38	835	150
Miscellaneous and unclassified	249	327	2,626	3,849
Total shipments	9,210	3,078	90,469	31,459

(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				
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	486,013	13,859	670,709	13,101	683,810
Totals	5,914,997	143,702	8,064,872	125,407	8,190,279

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

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
Pipe, welded and seamless:				
4 1/2 " outside diameter and under (excluding casing)	11,262	8,430	12,484	11,438
Over 4 1/2" outside diameter (including all sizes of casing)	6,370	9,106	13,574	11,615
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	5,252	5,727	9,622	9,458
Totals	22,884	23,263	35,680	32,511
Steel pipe fittings:				
Buttwelding fittings	68	111	132	81
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	687	420	511	418
Totals	755	531	643	499

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings Twelve Months Ended December

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
Pipe, welded and seamless:				
4 1/2" outside diameter and under (excluding casing)	202,864	190,624	176,892	179,816
Over 4 1/2 " outside diameter (including all sizes of casing)	196,315	191,927	312,297	316,156
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	77,987	76,922	84,080	77,705
Totals	477,166	459,473	573,269	573,677
Steel pipe fittings:				
Buttwelding fittings	1,266	1,504	1,664	1,806
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	6,097	6,270	6,274	6,506
Totals	7,363	7,774	7,938	8,312

(1) Included with other.

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

	Production	Total of all shipments	Shipments for further processing	Net shipments
		net tons of 2,000 pounds		
Carbon steel:				
Hot rolled:				
Semi-finished shapes:				
For re-rolling	23,088	22,387	11,473	10,914
For forging and piercing	16,348	18,070	-	18,070
Rails	26,827	29,948	-	29,948
Wire rods	28,751	29,937	-	29,937
Structural shapes:				
Heavy, including piling	35,486	30,858	-	30,858
Light	6,483	5,191	-	5,191
Concrete reinforcing bars	46,883	26,596	-	26,596
Other hot rolled bars	40,877	36,396	4,054	32,342
Tie plates and track material:				
Angle bars	8	11	-	11
Tie plates	1,247	3,070	-	3,070
Track spikes	290	152	-	152
Plates (including plates for pipes and tubes)	64,414	60,963	-	60,963
Hot rolled sheets and strip	246,623	248,140	174,468	73,672
Total hot rolled products ..	537,325	511,719	189,995	321,724
Cold rolled and coated:				
Cold finished bars	4,069	4,139	-	4,139
Cold reduced strip	5,529	5,536	-	5,536
Cold reduced sheets, tin mill black plate and tin plate	150,105	147,537	59,048	88,489
Galvanized sheets	28,027	26,314	-	26,314
Total cold rolled and coated .	187,730	183,526	59,048	124,478
Total carbon steel	725,055	695,245	249,043	446,202
Alloy steel:				
Semi-finished shapes:				
For re-rolling	22	22	22	-
For forging and piercing	2,560	2,560	-	2,560
Alloy plates	200	404	-	404
Other hot rolled bars, including high-speed steel and other alloy tool steel	11,902	12,198	132	12,066
Structurals	-	-	-	-
Cold finished bars	466	498	-	498
Wire rods	314	314	-	314
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,749	2,717	-	2,717
Total alloy steel	18,213	18,713	154	18,559

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Twelve Months Ended December 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
		net tons of 2,000 pounds		
Carbon steel:				
Hot rolled:				
Semi-finished shapes:				
For re-rolling	219,477	220,885	115,775	105,110
For forging and piercing	178,002	175,340	-	175,340
Rails	342,171	339,113	-	339,113
Wire rods	389,487	387,987	-	387,987
Structural shapes:				
Heavy, including piling	392,449	378,042	-	378,042
Light	88,489	90,523	-	90,523
Concrete reinforcing bars	432,217	426,623	-	426,623
Other hot rolled bars	475,083	459,532	47,073	412,459
Tie plates and track material:				
Angle bars	13,653(1)	13,458(1)	-	13,458
Tie plates	50,141(2)	57,093(2)	-	57,093
Track spikes	8,043	8,118	-	8,118
Plates (including plates for pipes and tubes)	726,708	725,324	-	725,324
Hot rolled sheets and strip	2,995,152	2,982,291	1,998,623	983,668
Total hot rolled products	6,311,072	6,264,329	2,161,471	4,102,858
Cold rolled and coated:				
Cold finished bars	51,071	50,723	-	50,723
Cold reduced strip	63,960	59,976	-	59,976
Cold reduced sheets, tin mill black plate and tin plate	1,990,115	1,980,977	874,186	1,106,791
Galvanized sheets	391,464	388,015	-	388,015
Total cold rolled and coated	2,496,610	2,479,691	874,186	1,605,505
Total carbon steel	8,807,682	8,744,020	3,035,657	5,708,363
Alloy steel:				
Semi-finished shapes:				
For re-rolling	86	86	86	-
For forging and piercing	25,027	26,628	-	26,628
Alloy plates	1,935	5,433	-	5,433
Other hot rolled bars, including high-speed steel and other alloy tool steel	133,658	133,053	1,441	131,612
Structurals	-	-	-	-
Cold finished bars	7,048	7,014	-	7,014
Wire rods	3,705	3,629	-	3,629
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	34,366	34,224	-	34,224
Total alloy steel	205,825	210,067	1,527	208,540

(1) Includes revisions for October which should read - (nil) and 3 respectively.
(2) Includes revisions for October which should read 2,851 and 3,692 respectively.

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

SDI No.		December 1963		Twelve months ended December 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	52,663	560	796,370	7,240
5	Direct export:				
	(a) British Commonwealth	11,003	662	183,431	6,458
	(b) All other	74,518	2,036	583,210	25,516
6	Automotive industries	32,033	7,421	333,471	81,022
7	Agricultural, including implement and equipment manufacturers	22,977	592	160,488	4,207
8	Building construction	71,551	306	1,117,961	4,647
9	Container industry	19,800	36	394,548	1,108
10	Machinery and tools	22,588	2,974	253,708	33,209
11	Merchant trade products	38,437	1,230	460,818	12,811
12	Mining, lumbering, etc.	4,123	1,281	61,702	15,944
13	National defence	574	7	1,800	237
14	Pressing, forming and stamping	24,172	364	301,800	6,060
15	Public works and utilities	1,160	-	25,279	-
16	Railway operating	12,948	47	250,353	411
17	Railway cars and locomotives	5,096	75	34,761	322
18	Shipbuilding	7,719	28	94,379	300
19	Pipes and tubes	40,393	940	634,326	9,018
20	Miscellaneous and unclassified	4,447	-	19,958	33
	Net shipments	446,202	18,559	5,708,363	208,543

(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, December 1963

SDI No.		Semi-finished shapes	Rails	Wire rods	Structural shapes: Heavy including piling	Structural shapes: Light	Concrete rein-forcing bars	Other hot rolled bars
		net tons of 2,000 pounds						
4	Wholesalers and warehouses	-	76	342	5,333	1,715	5,092	4,584
5	Direct export:							
	(a) British Commonwealth	10,914	-	-	-	-	89	158
	(b) All other	828	17,450	98	1,041	87	651	2,360
6	Automotive industries .	4,212	-	95	77	29	-	9,728
7	Agricultural, etc.	-	-	-	531	428	9,013	4,952
8	Building construction .	1	52	2,254	20,368	2,045	10,421	2,489
9	Container industry	-	-	7	-	-	-	3
10	Machinery and tools ...	1,173	345	100	1,617	354	399	5,572
11	Merchant trade	1,414	-	26,998	40	54	-	8,437
12	Mining, lumbering, etc.	37	193	59	26	12	22	3,906
13	National defence	-	-	-	-	-	-	6
14	Pressing, forming and stamping	105	-	21	100	380	41	1,106
15	Public works and utilities	-	-	-	-	-	696	26
16	Railway operating	-	11,825	19	89	11	11	312
17	Railway cars and locomotives	621	-	2	883	26	-	539
18	Shipbuilding	2	7	-	753	50	-	200
19	Pipes and tubes	12,237	-	-	-	-	-	-
20	Miscellaneous and unclassified	-	-	256	-	-	161	30
	Net shipments	31,544	29,948	30,251	30,858	5,191	26,596	44,408

(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, December 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					
11	10,598	9,957	920	65	8,676	5,854	53,223	4
								5
-	-	503	1	-	-	-	11,665	(a)
3,008	3,572	16,125	4	65	27,033	4,232	76,554	(b)
-	606	11,662	1,185	1,804	8,828	1,228	39,454	6
-	715	4,777	1,026	12	1,920	195	23,569	7
1	13,621	4,614	39	80	4,270	11,602	71,857	8
-	-	688	1	11	19,003	123	19,836	9
33	7,138	3,652	552	301	3,948	378	25,562	10
-	5	935	624	26	840	294	39,667	11
44	744	81	56	-	181	43	5,404	12
-	-	94	9	-	472	-	581	13
-	745	6,933	184	1,779	10,897	2,245	24,536	14
-	438	-	-	-	-	-	1,160	15
136	431	150	11	-	-	-	12,995	16
-	2,936	48	-	86	30	-	5,171	17
-	6,646	5	13	-	50	21	7,747	18
-	13,005	12,442	-	95	3,455	99	41,333	19
-	167	2,577	12	1,212	32	-	4,447	20
3,233	61,367	75,243	4,637	5,536	89,635	26,314	464,761	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Twelve Months Ended December 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	77	1,773	6,667	97,693	32,891	114,038	86,440
5	Direct export:							
	(a) British Commonwealth	105,110	76,060	114	79	-	89	2,502
	(b) All other	7,733	73,160	5,291	9,379	629	7,153	34,447
6	Automotive industries .	36,188	-	810	796	798	-	113,706
7	Agricultural, etc.	362	-	97	7,697	8,603	9,047	55,420
8	Building construction .	535	996	15,756	232,201	31,132	266,023	31,183
9	Container industry	-	-	136	-	-	121	562
10	Machinery and tools ...	11,937	1,326	3,066	8,205	3,246	6,759	64,654
11	Merchant trade	4,807	-	357,171	956	1,160	1,779	76,519
12	Mining, lumbering, etc.	817	6,979	640	3,677	703	252	52,171
13	National defence	6	27	-	-	-	534	297
14	Pressing, forming and stamping	2,195	-	168	1,078	9,233	206	10,204
15	Public works and utilities	6	-	7	549	216	19,908	927
16	Railway operating	48	178,625	108	1,525	807	108	6,524
17	Railway cars and locomotives	6,241	111	20	5,101	496	6	4,889
18	Shipbuilding	30	56	-	9,081	525	27	2,767
19	Pipes and tubes	130,959	-	-	22	50	-	36
20	Miscellaneous and unclassified	27	-	1,565	3	34	573	823
	Net shipments	307,078	339,113	391,616	378,042	90,523	426,623	544,071

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

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Twelve Months Ended December 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								
679	138,043	108,765	15,361	1,510	121,909	77,764	803,610	4
								5
-	-	5,072	26	-	837	-	189,889	(a)
24,044	22,644	196,276	62	65	181,921	45,922	608,726	(b)
1	3,484	130,404	13,996	17,605	86,385	10,320	414,493	6
-	10,939	42,843	9,895	191	16,564	3,037	164,695	7
20	176,058	90,938	380	1,820	65,991	209,575	1,122,608	8
-	60	5,355	13	144	388,079	1,186	395,656	9
37	76,796	47,808	6,726	3,606	48,358	4,393	286,917	10
39	250	12,084	6,676	281	9,942	1,965	473,629	11
1,097	5,695	2,534	687	-	1,984	410	77,646	12
-	20	158	135	333	527	-	2,037	13
-	9,044	84,558	3,417	20,877	137,937	28,943	307,860	14
202	2,376	31	-	10	937	110	25,279	15
52,193	7,578	2,528	66	-	193	461	250,764	16
307	12,764	4,213	19	137	656	123	35,083	17
2	79,316	1,016	70	42	780	967	94,679	18
-	185,125	267,914	49	748	55,723	2,718	643,344	19
48	565	2,577	162	12,607	886	121	19,991	20
78,669	730,757	1,005,074	57,740	59,976	1,119,609	388,015	5,916,906	

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

	December 1963	Twelve months ended December 1963
	net tons of 2,000 pounds	
Pig iron	60,085	481,936
Sponge iron	521	6,098
Steel ingots	2,433	175,307
Blooms, billets, slab steel	13,703	202,003
Iron castings, n.e.s.	2,808	17,843
Steel castings	322	2,823
Forgings, n.e.s.	946	13,795
Bars steel, hot rolled	2,858	31,932
Wire rods steel, hot rolled	283	6,072
Bars steel, cold rolled	84	1,449
Plate steel	3,618	23,470
Sheet and strip, carbon steel, hot rolled	16,816	205,840
Sheet and strip, carbon steel, cold rolled	14,259	69,858
Sheet, strip, galvanized	2,694	42,265
Sheet and strip, n.e.s.	9,169	114,487
Structural shapes	2,119	28,949
Rails	999	135,274
Cast iron pipe	114	1,014
Pipes and tubes, iron and steel, n.e.s.	2,760	20,972
Totals	136,591	1,581,387

(1) Customs clearance, latest available.

Note: Date 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	October 1963	Ten months ended October 1963
	net tons of 2,000 pounds	
Pigs, ingots, blooms and billets:		
Pig iron	-	13,449
Ingots, carbon steel	77	402
Ingots, alloy steel	200	917
Blooms, billets and slabs, carbon steel	65	1,004
Blooms, billets and slabs, alloy steel	93	1,100
Bars and rods:		
Concrete reinforcing bars, carbon steel, hot rolled	9,006	73,174
Bars, carbon steel, hot rolled n.o.p.	4,785	36,808
Bars, alloy steel, hot rolled	1,050	5,031
Wire rods, steel, hot rolled	8,152	53,592
Bars, carbon steel, cold drawn or cold finished	421	3,413
Bars, alloy steel, cold drawn or cold finished	39	517
Bars or rods, steel, fabricated n.o.p.	388	2,534
Plates, sheet and strip:		
Plates, carbon steel, 60 inches or less in width n.o.p.	2,804	24,975
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	4,183	37,583
Plates, carbon steel, over 100 inches in width n.o.p.	373	4,953
Floor plate, carbon steel	968	5,949
Plates, fabricated or coated n.o.p.	41	2,161
Plates, flanged or dished, drilled or not	135	2,413
Plates, stainless steel (including carbon steel clad with stainless)	208	2,363
Plates, alloy steel n.o.p., except stainless	360	5,289
Plate, sheet or strip, not tempered or ground, for saws	321	2,320

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

Commodity	October 1963	Ten months ended October 1963
	net tons of 2,000 pounds	
Plates, sheet and strip - Continued:		
Plate, sheet or strip, hardened, tempered or ground, for saws	25	355
Stainless and other alloy steel for pipes and tubes	27	727
Carbon steel, hot rolled, for pipes, over 60 inches in width	373	14,925
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	-	680
Carbon steel, cold rolled, for pipes and tubes	12	24
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	901	9,523
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	19,212	48,422
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	410	8,868
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	736	5,650
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	299	4,228
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	352	6,302
Sheet,and strip, carbon steel, finished for porcelain enamelling	171	1,666
Sheet and strip, carbon steel, coated with tin (tinplate)	228	3,741
Sheet and strip, carbon steel, coated with zinc (galvanized)	652	4,387
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	1,104	10,182
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	859	6,383
Sheet and strip, carbon steel, coated n.o.p.	416	4,353
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	12	159

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

Commodity	October 1963	Ten months ended October 1963
	net tons of 2,000 pounds	
Plates, sheet and strip - Concluded:		
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	352	2,131
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	9	185
Sheet and strip, silicon steel	2,108	17,617
Sheet and strip, alloy steel n.o.p.	41	1,014
Sheet and strip, corrugated or fabricated n.o.p.	139	1,042
Structural shapes and sheet piling:		
Wide flange beams, carbon steel, over 24 inches in depth or web	3,828	29,648
Bearing pile, carbon steel	52	2,699
Wide flange beams, carbon steel n.o.p.	6,057	45,042
Structural shapes, carbon steel, large sizes n.o.p.	3,290	24,988
Structural shapes, carbon steel, intermediate sizes n.o.p.	6,712	33,563
Structural shapes, bar size, carbon steel	6,554	30,667
Sheet piling, carbon steel	793	13,364
Structural shapes, alloy steel	4	373
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	331	1,992
Structural shapes, fabricated n.o.p.	492	3,629
Rails and railway track material, steel wheels and tires:		
Axles, axle bars, axle blanks, and parts, for railway vehicles	72	622
Tires of steel, in the rough, for railway vehicles	9	56

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

Commodity	October 1963	Ten months ended October 1963
	net tons of 2,000 pounds	
Rails and railway track material, steel wheels and tires - Concluded:		
Steel wheels for use on railway rolling stock	32	1,005
Railway rails, iron or steel	122	6,166
Fish plates, splice bars, rail joints and tie plates, iron or steel	252	2,488
Railway track material n.o.p.	9	323
Pipes, tubes and fittings:		
Pipes and tubes of cast iron	184	1,999
Drill pipe	113	1,837
Oil country goods, steel n.o.p.	1,785	23,430
Pipes, tubes more than 10 1/2 inches in diameter and fittings, steel, for transmission of natural gas or crude oil	2	2,920
Corrugated metal culvert pipe	17	119
Mechanical tubing, steel	1,246	12,644
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	1,135	9,371
Tubes, seamless steel, for bearings	466	6,199
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	75	323
Pipes and tubes, steel welded n.o.p.	2,270	24,020
Pipes and tubes, steel, seamless, hot finished n.o.p.	527	6,852
Pipes and tubes, steel, seamless, cold finished n.o.p.	296	3,192
Pipes and tubes, iron or steel n.o.p.	1,024	7,295
Wire and wire rope, iron and steel:		
Wire, steel, for wire rope	1,180	18,020
Wire, steel, flat or shaped	53	399

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

Commodity	October 1963	Ten months ended October 1963
	net tons of 2,000 pounds	
Wire and wire rope, iron and steel - Concluded:		
Wire, steel, spring, for mattresses, cushions or upholstery	166	1,229
Wire, iron or steel, not coated n.o.p.	760	6,268
Wire, steel, galvanized n.o.p.	663	6,823
Wire, iron or steel, coated n.o.p., except insulated	120	764
Wire, barbed, including galvanized	180	7,347
Wire strand, including twisted and braided, coated or not	89	582
Wire rope for use in logging, coated or not	230	1,747
Wire rope, coated or not n.o.p.	200	2,413
Welding wire, rods and electrodes:		
Welding rods and electrodes, steel	234	2,935
Welding rods and electrodes, n.o.p.	19	312
Welding wire	102	1,137
Plates, sheet and strip:		
Sheet and strip stainless steel hot rolled 60 inches or less in width:		
Thinner than 18 guage	48	245
18 guage and thicker	689	3,565
Sheet stainless steel cold rolled over 18 inches to 51 inches in width:		
Thinner than 18 guage	499	4,205
18 guage and heavier	443	4,056
Total imports of selected forms of iron and steel	105,531	791,384

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