

Mineral Industry Surveys

For information, contact:

Michael D. Fenton, Iron and Steel Scrap Commodity Specialist
National Minerals Information Center

U.S. Geological Survey
989 National Center
Reston, VA 20192

Telephone: (703) 648-4972, Fax: (703) 648-7757
Email: mfenton@usgs.gov

Hoa P. Phamdang (Data)

Telephone: (703) 648-7965

Fax: (703) 648-7975

Email: hphamdan@usgs.gov

Internet: <http://minerals.usgs.gov/minerals/>

IRON AND STEEL SCRAP IN MARCH 2018

On a daily average basis in March 2018, iron and steel scrap consumption decreased by 4% and home (recirculating) scrap production decreased by 7% compared with those of February 2018 (table 1). Purchased scrap receipts in March 2018 decreased by 5% compared to those of February 2018. Stocks of purchased and home scrap at the end of March 2018 were down slightly from those at the end of February 2018. These observations are based upon responses from about 21% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 32% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis in March 2018, pig iron production decreased slightly and consumption increased slightly compared with those of February 2018 (table 1). Stocks of pig iron at the end of March 2018 decreased by 21% from those at the end of February.

Exports of iron and steel scrap in March 2018 decreased slightly from those in February 2018 (table 6). Turkey was the leading destination, accounting for 23% of the total tonnage of exports, followed by Taiwan, with 11%, and India, with 9%. Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 23% of the total, followed by New York, NY, with 19%, and San Francisco, CA, with 11% (table 7).

Imports of iron and steel scrap for March 2018 increased by 24% from those in February 2018 (table 9). Canada was the

leading country of origin, accounting for 70% of the total tonnage of imports, followed by the Netherlands with 12%, and Mexico with 10%. Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 30% of the total, followed by Seattle, WA, with 16%, and Charleston, SC, with 15% (table 10).

The daily average domestic raw steel production for March 2018, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 236,000 metric tons, up slightly from that in February 2018 and up 6% from that in March 2017 (table 12). Raw steel production capability utilization (AISI data) was 78% in March and February 2018, up from 74% in March 2017 (table 12). The electric furnace portion of raw steel production for March 2018 was 63%, down from 70% in February 2018 and down from 67% in March 2017.

Continuous cast steel production accounted for 98% of total raw steel production in March 2018, 98% in February 2018, and 99.6% in March 2017 (table 12).

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TABLE 1
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

	March 2018			January–March ³		
	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,520	1,900	3,420	4,400	5,520	9,910
Receipts from other own company plants	57	182	239	155	523	678
Production, recirculating scrap	209	151	360	609	450	1,060
Production, obsolete scrap	W	W	7	W	W	21
Consumption (by type of furnace):						
Blast furnace	W	W	128	W	W	380
Basic oxygen process	W	W	335	W	W	962
Electric furnace	1,290	2,140	3,440	3,720	6,050	9,770
Other (including air furnace) ⁶	W	W	88	W	W	380
Total consumption	1,760	2,230	3,990	5,050	6,450	11,500
Shipments	47	8	55	140	23	163
Stocks, end of period	1,790	2,350	4,140	1,790	2,350	4,140
Pig iron (includes hot metal):						
Receipts	369	72	441	1,160	263	1,420
Production	1,200	--	1,200	3,530	--	3,530
Consumption (by type of furnace):						
Basic oxygen process	W	W	W	W	W	W
Direct castings ⁷	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	1,610	99	1,710	4,690	265	4,950
Stocks, end of period	198	217	415	198	217	415
Direct-reduced iron:⁸						
Receipts	110	118	228	351	264	615
Total consumption	121	82	203	316	238	554
Stocks, end of period	199	121	320	199	121	320

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and (or) "Total consumption." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings. March 2018 data are based on returns from 21% of consumer surveys, representing 32% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³May include revisions to previously published data.

⁴Includes data for electric furnaces operated by integrated steel producers.

⁵Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

TABLE 2
RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, CONSUMPTION, AND STOCKS OF IRON AND STEEL SCRAP, BY GRADE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Item	March 2018				January–March ³		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ⁴	Ending stocks	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ⁴
Carbon steel:							
Low-phosphorus plate and punchings	41	W	50	W	124	W	136
Cut structural and plate	301	36	336	352	844	94	941
No. 1 heavy melting steel	268	41	323	190	772	125	930
No. 2 heavy melting steel	351	29	400	212	1,030	86	1,160
No. 1 and electric furnace bundles	169	W	190	170	519	W	538
No. 2 and all other bundles	68	W	69	29	182	W	197
Electric furnace 1 foot and under (not bundles)	--	W	W	--	W	W	W
Railroad rails	18	W	18	14	54	W	55
Turnings and borings	193	2	201	160	558	W	581
Slag scrap	48	66	72	96	118	199	212
Shredded and fragmented	1,070	W	1,160	1,680	3,060	W	3,380
No. 1 busheling	389	24	441	324	1,150	W	1,230
Steel cans (post consumer)	6	W	9	3	19	W	27
All other carbon steel scrap	210	75	294	389	612	219	850
Stainless steel scrap	77	27	111	57	225	82	333
Alloy steel scrap	28	16	45	173	85	49	134
Ingot mold and stool scrap	W	W	2	3	W	W	8
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	13	W	13	4	38	W	38
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	102	25	128	79	304	73	376
Other mixed scrap	70	W	114	85	208	W	344
Total	3,420	360	3,990	4,140	9,910	1,060	11,500

W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings.

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

TABLE 3
 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP,
 BY REGION AND STATE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Region and State	March 2018			January–March ³		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ⁴	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ⁴
Mid-Atlantic and New England:						
New Jersey, New York, Pennsylvania	307	47	375	926	140	1,090
North Central:						
Illinois and Indiana	453	35	485	1,250	105	1,420
Iowa, Minnesota, Nebraska, Wisconsin	238	17	260	713	53	776
Michigan	164	46	160	470	141	478
Ohio	428	89	533	1,270	266	1,570
Total	1,280	188	1,440	3,710	566	4,240
South Atlantic:						
Virginia, West Virginia	112	--	124	314	2	350
Georgia, North Carolina, South Carolina	266	22	286	748	53	840
Total	376	22	410	1,060	55	1,190
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	602	46	753	1,730	127	2,060
Arkansas, Louisiana, Oklahoma, Texas	594	41	691	1,700	119	1,960
Total	1,200	87	1,440	3,430	248	4,020
Mountain and Pacific:						
California, Colorado, Oregon, Utah, Washington	261	16	321	784	51	967
Grand total	3,420	360	3,990	9,910	1,060	11,500

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings.

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4
 RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3,4}

(Thousand metric tons)

Item	March 2018					January–March ⁵				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	10	W	--	W	W	31	W	--	W	W
Cut structural and plate	31	88	31	131	W	81	259	88	356	W
No. 1 heavy melting steel	50	94	14	83	27	140	264	42	245	81
No. 2 heavy melting steel	6	96	41	174	W	18	281	121	502	W
No. 1 and electric furnace bundles	6	104	6	51	W	18	302	W	171	W
No. 2 and all other bundles	10	37	W	13	W	30	100	W	W	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	--	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	11	W
Turnings and borings	17	62	26	81	7	57	173	77	228	21
Slag scrap	5	37	W	W	W	17	85	W	W	W
Shredded and fragmentized	49	318	184	422	94	157	933	511	1,180	281
No. 1 busheling	42	154	W	162	2	126	461	85	474	6
Steel cans (post consumer)	W	W	W	--	--	W	W	--	--	--
All other carbon steel scrap	27	141	W	35	3	86	409	W	97	8
Stainless steel scrap	W	W	--	W	--	W	39	--	W	--
Alloy steel scrap	2	24	W	W	--	7	71	W	W	--
Ingot mold and stool scrap	W	W	--	--	--	W	W	--	--	--
Machinery and cupola cast iron	--	W	W	W	--	--	W	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Motor blocks	--	W	--	--	--	--	W	--	--	--
Other iron scrap	W	31	W	W	W	W	87	W	W	W
Other mixed scrap	W	33	W	4	W	W	101	W	14	W
Total	307	1,280	376	1,200	261	926	3,710	1,060	3,430	784

W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Scrap received from brokers, dealers, and other outside sources.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴Data are rounded to no more than three significant digits; may not add to totals shown.

⁵May include revisions to previously published data.

TABLE 5
CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3}

(Thousand metric tons)

Item	March 2018					January–March ⁴				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	10	W	--	W	W	31	W	--	W	W
Cut structural and plate	38	102	39	137	W	93	301	122	366	W
No. 1 heavy melting steel	51	119	21	104	28	142	352	56	296	84
No. 2 heavy melting steel	10	99	49	204	W	31	294	143	579	W
No. 1 and electric furnace bundles	6	100	6	75	W	19	306	W	186	W
No. 2 and all other bundles	9	35	W	W	W	29	97	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	--	--	--	W	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	11	W
Turnings and borings	21	63	28	82	7	63	185	80	233	21
Slag scrap	11	42	W	14	W	31	130	W	39	W
Shredded and fragmented	52	343	187	487	94	152	997	546	1,400	281
No. 1 busheling	44	163	W	203	2	128	491	W	522	6
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	40	190	8	54	3	125	542	23	151	8
Stainless steel scrap	54	21	--	W	--	162	61	--	W	--
Alloy steel scrap	10	26	W	W	--	29	78	W	W	--
Ingot mold and stool scrap	W	1	--	W	--	W	4	--	W	--
Machinery and cupola cast iron	--	W	W	W	--	--	W	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Motor blocks	--	W	--	--	--	--	W	--	--	--
Other iron scrap	5	43	W	W	W	15	122	W	W	W
Other mixed scrap	W	34	W	5	W	W	104	W	15	W
Total	375	1,440	410	1,440	321	1,090	4,240	1,190	4,020	967

W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴May include revisions to previously published data.

TABLE 6
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY
OR LOCALITY^{1,2}

(Thousand metric tons and thousand dollars)

Region and country or locality	March 2018		January–March ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	1	273	1	307
Canada	68	18,200	201	50,600
Mexico	128	39,700	470	143,000
Ecuador	31	9,710	65	21,800
Peru	88	30,600	121	41,500
Other ⁴	1	388	1	642
Total	316	98,900	859	258,000
Africa, Europe, Middle East:				
Austria	(5)	222	1	613
Belgium	1	445	2	1,570
Egypt	--	--	70	22,200
Germany	3	1,510	5	2,560
Italy	1	587	1	738
Kuwait	44	15,700	133	47,000
Netherlands	1	761	3	2,390
Saudi Arabia	44	14,900	44	14,900
Turkey	347	112,000	979	314,000
United Arab Emirates	2	512	6	1,820
United Kingdom	1	350	1	928
Other ⁴	(5)	571	1	1,030
Total	444	147,000	1,250	410,000
Asia, Australia, Oceania:				
Bangladesh	4	1,990	74	24,900
China	36	32,700	262	149,000
Hong Kong	8	6,320	19	13,700
India	132	50,500	258	91,400
Indonesia	78	27,500	120	42,700
Japan	38	15,900	74	31,000
Korea, Republic of	15	5,870	103	35,300
Malaysia	44	16,400	121	46,400
Pakistan	42	19,800	126	55,600
Philippines	1	698	5	3,390
Taiwan	158	56,300	442	156,000
Thailand	78	30,200	159	62,700
Vietnam	95	32,100	241	82,000
Other ⁴	(5)	200	(5)	300
Total	729	296,000	2,000	794,000
Grand total	1,490	542,000	4,110	1,460,000

-- Zero.

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free-alongside-ship basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³May include revisions to previously published data.

⁴Includes countries with January–March 2018 quantities of less than 500 metric tons.

⁵Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 7
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION AND
SELECTED CUSTOMS DISTRICT^{1,2}

(Thousand metric tons and thousand dollars)

Region and customs district	March 2018		January–March ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	11	3,470	31	8,830
Chicago, IL	(4)	317	1	452
Detroit, MI	15	4,050	46	11,200
Duluth, MN	1	258	4	1,490
Great Falls, MT	3	813	4	1,260
Ogdensburg, NY	2	601	6	1,500
Pembina, ND	22	6,640	70	20,100
Other	7	895	18	2,490
Total	60	17,000	181	47,300
East coast:				
Baltimore, MD	79	29,400	134	51,300
Boston, MA	32	10,500	267	86,700
Charleston, SC	14	7,090	40	20,900
Miami, FL	40	15,600	131	50,000
New York City, NY	286	108,000	594	223,000
Norfolk, VA	43	18,500	64	33,600
Philadelphia, PA	82	22,500	228	63,400
Portland, ME	4	896	25	7,000
Providence, RI	62	20,600	145	48,900
Savannah, GA	16	8,120	59	26,400
St. Albans, VT	3	854	11	2,860
Washington, DC	--	--	(4)	11
Wilmington, NC	(4)	110	(4)	441
Total	661	242,000	1,700	614,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
Dallas–Fort Worth, TX	--	--	(4)	8
El Paso, TX	8	2,680	24	6,330
Houston–Galveston, TX	16	8,500	165	52,600
Laredo, TX	92	29,500	255	76,800
Mobile, AL	(4)	178	1	435
New Orleans, LA	(4)	244	1	461
Nogales, AZ	(4)	52	1	151
San Juan, PR	18	5,210	56	17,300
Tampa, FL	30	11,600	107	40,100
Total	165	58,000	608	194,000
West coast and Hawaii:				
Anchorage, AK and Honolulu, HI	3	888	29	10,400
Columbia–Snake, OR	57	19,800	231	78,900
Los Angeles, CA	348	136,000	771	308,000
San Diego, CA	19	5,010	50	12,000
San Francisco, CA	163	57,600	368	132,000
Seattle, WA	12	6,820	173	64,100
Total	603	226,000	1,620	606,000
Grand total	1,490	542,000	4,110	1,460,000

-- Zero.

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free-alongside-ship basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³May include revisions to previously published data.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 8
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	March 2018		January–March ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	470	153,000	1,330	428,000
No. 2 heavy melting steel	67	21,300	167	51,800
No. 1 bundles	2	458	8	2,300
No. 2 bundles	2	387	2	573
Shredded steel scrap	553	185,000	1,490	497,000
Borings, shovelings and turnings	1	136	2	316
Cut plate and structural	48	16,200	151	51,400
Tinned iron or steel	7	1,960	15	4,500
Remelting scrap ingots	1	475	1	793
Cast iron	69	32,300	229	87,200
Other iron and steel	197	73,800	515	188,000
Total carbon steel and cast iron	1,420	485,000	3,900	1,310,000
Stainless steel	31	28,500	85	73,400
Other alloy steel	43	28,400	123	76,900
Total stainless and alloy steel	74	56,900	208	150,000
Total carbon, stainless, alloy steel and cast iron	1,490	542,000	4,110	1,460,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	15	(4)	59
Used rails for rerolling and other uses	3	2,980	5	5,610
Total scrap exports	1,490	545,000	4,120	1,470,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	3	1,180	5	2,130
Pig iron > or = 0.5% phosphorus	(4)	17	(4)	38
Alloy pig iron	--	--	(4)	7
Total pig iron	3	1,200	5	2,180
Direct-reduced iron (DRI)	48	12,300	154	43,500
Spongy iron products, not DRI	55	25,500	111	56,700
Granules for abrasive cleaning and other uses	3	3,940	9	11,000
Powders of alloy steel	2	6,780	6	19,800
Other ferrous powders	9	11,000	22	28,400
Total DRI, granules, powders	117	59,600	302	159,000
Grand total	1,610	606,000	4,420	1,630,000

-- Zero.

¹Export valuation is on a free-alongside-ship basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³May include revisions to previously published data.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED COUNTRY OR LOCALITY^{1,2}

(Thousand metric tons and thousand dollars)

Country or locality	March 2018		January–March ³	
	Quantity	Value	Quantity	Value
Bahamas	(4)	42	1	115
Brazil	1	833	1	1,130
Canada	288	97,400	772	258,000
China	1	336	1	440
Germany	1	235	3	585
Indonesia	4	1,240	4	1,240
Japan	(4)	284	1	677
Mexico	42	17,800	138	54,600
Netherlands	48	27,900	92	61,900
Russia	(4)	350	2	2,540
Spain	22	7,760	22	7,760
Sweden	(4)	3	27	9,400
United Kingdom	(4)	7	39	13,700
Other ⁵	1	945	2	3,130
Total	409	155,000	1,110	415,000

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ship, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³May include revisions to previously published data.

⁴Less than ½ unit.

⁵Includes countries with January–March 2018 quantities of less than 500 metric tons.

Source: U.S. Census Bureau.

TABLE 10
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED CUSTOMS DISTRICT^{1,2}

(Thousand metric tons and thousand dollars)

Customs district	March 2018		January–March ³	
	Quantity	Value	Quantity	Value
Baltimore, MD	--	--	1	236
Buffalo, NY	52	27,000	129	63,600
Charleston, SC	60	20,700	87	29,100
Chicago, IL	(4)	76	5	831
Cleveland, OH	14	586	14	874
Columbia–Snake, OR	7	1,440	14	3,090
Detroit, MI	123	44,400	347	123,000
Duluth, MN	7	2,140	15	4,410
El Paso, TX	5	1,770	14	4,750
Great Falls, MT	2	541	6	1,730
Houston–Galveston, TX	1	1,730	4	5,770
Laredo, TX	22	10,100	81	33,100
Miami, FL	(4)	120	2	359
Mobile, AL	16	18,200	42	49,200
New Orleans, LA	1	133	67	23,300
New York City, NY	(4)	142	1	226
Nogales, AZ	1	604	3	1,410
Ogdensburg, NY	1	511	2	1,420
Pembina, ND	15	4,830	35	11,600
Philadelphia, PA	4	1,240	4	1,340
Portland, ME	(4)	26	1	378
San Diego, CA	9	2,230	27	6,820
Seattle, WA	67	16,100	201	46,800
St. Albans, VT	1	256	4	1,070
Wilmington, NC	(4)	49	1	103
Other	(4)	346	(4)	605
Total	409	155,000	1,110	415,000

-- Zero.

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats and other vessels for scrapping. Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³May include revisions to previously published data.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 11
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER
FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	March 2018		January–March ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	16	4,430	51	14,300
No. 2 heavy melting steel	12	3,040	36	8,310
No. 1 bundles	100	35,600	306	108,000
No. 2 bundles	8	2,130	20	5,280
Shredded steel scrap	60	18,500	124	34,600
Borings, shovelings and turnings	8	2,090	24	5,820
Cut plate and structural	17	4,950	43	12,100
Tinned iron or steel	6	2,170	20	7,250
Remelting scrap ingots	(4)	147	(4)	244
Cast iron	23	3,410	52	11,500
Other iron and steel	63	17,300	166	45,300
Total carbon steel and cast iron	313	93,800	842	252,000
Stainless steel	42	45,500	117	120,000
Other alloy steel	53	15,900	146	42,300
Total stainless and alloy steel	96	61,400	263	163,000
Total carbon, stainless, alloy steel and cast iron	409	155,000	1,110	415,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	(4)	395	2	1,530
Total scrap imports	409	156,000	1,110	417,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	--	--	--	-- ^r
Pig iron > or = 0.5% phosphorus	434	166,000	1,330	491,000 ^r
Alloy pig iron	(4)	324	(4)	494
Total pig iron	435	166,000	1,330	492,000
Direct-reduced iron (DRI)	502	98,900	1,080	235,000
Spongy iron products, not DRI	(4)	473	1	1,190
Granules for abrasive cleaning and other uses	3	3,040	7	7,790
Powders of alloy steel	6	10,000	17	28,000
Other ferrous powders	4	8,350	14	23,600
Total DRI, granules, powders	516	121,000	1,120	295,000
Grand total	1,360	443,000	3,550	1,200,000

^rRevised. -- Zero.

¹Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³May include revisions to previously published data.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 12
 U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,
 AND CONTINUOUS CAST STEEL PRODUCTION¹

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date ²	Monthly	Year to date ²	Monthly	Year to date ²
2017:						
March	6,890	20,300	73.6	74.6	99.6	99.6
April	6,690	27,000	73.6	74.6	99.6	99.6
May	6,900	33,900	73.7	74.3	99.6	99.6
June	6,790	40,700	74.9	74.4	99.6	99.6
July	6,960	47,600	74.3	74.4	99.7	99.6
August	7,100	54,700	75.8	74.6	99.7	99.6
September	6,650	61,400	73.4	74.4	99.7	99.6
October	6,850	68,200	73.2	74.3	99.7	99.6
November	6,640	74,900	73.3	74.2	99.6	99.6
December	6,730	81,600	71.9	74.0	99.6	99.6
2018						
January	6,890	6,890	73.6	73.6	98.0	98.0
February	6,590	13,500	77.9	75.7	98.1	98.1
March	7,330	20,800	78.3	76.6	98.2	98.1

¹Data are rounded to no more than three significant digits.

²May include revisions to previously published data.

Source: American Iron and Steel Institute.

TABLE 13
COMPOSITE PRICES FOR NO. 1 HEAVY MELTING STEEL SCRAP AND PIG IRON

Period	American Metal Market		Scrap Price Bulletin			
	No. 1 HMS		No. 1 HMS		Pig Iron ¹	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2017:						
March	281.38	276.94	295.17	290.51	417.83	411.23
April	263.66	259.50	272.67	268.36	417.83	411.23
May	265.15	260.96	270.70	266.42	434.34	427.48
June	262.58	258.43	268.08	263.85	434.34	427.48
July	264.87	260.69	269.50	265.25	434.34	427.48
August	279.18	274.77	288.50	283.94	434.34	427.48
September	286.66	282.13	294.33	289.68	419.11	412.49
October	263.78	259.61	270.17	265.90	409.96	403.48
November	258.33	254.25	266.00	261.80	408.94	402.48
December	283.67	279.19	286.83	279.35	408.94	402.48
Average, January–December	269.94	265.67	272.11	267.56	409.24	402.77
2018:						
January	315.05	310.07	255.46	251.43	410.97	404.48
February	318.75	313.72	243.46	239.61	422.89	416.21
March	335.15	329.86	339.75	334.38	417.13	410.54

¹Prices are Brazilian basic pig iron, f.o.b. New Orleans, LA.

Note: Long tons = 1t; metric tons = t.