

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN MAY 2018

On a daily average basis in May 2018, iron and steel scrap consumption decreased slightly and home (recirculating) scrap production was 4% less compared with those of April 2018 (table 1). Purchased scrap receipts in May 2018 decreased slightly compared with those in April 2018. Stocks of purchased and home scrap at the end of May 2018 were up slightly from those at the end of April 2018 (table 1). 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 30% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis in May 2018, pig iron production increased slightly and consumption was essentially unchanged compared with those of April 2018 (table 1). Stocks of pig iron at the end of May 2018 were unchanged from those at the end of April.

Exports of iron and steel scrap in May 2018 increased by 7% from those in April 2018 (table 6). Mexico and Turkey were the leading destinations, accounting for 13% each of the total tonnage of exports, followed by Egypt (12%) and India and Taiwan (11% each). New York, NY, was the leading U.S. Customs district for tonnage of exports, accounting for 17% of the total, followed by Los Angeles, CA, with 15% and San Francisco, CA, with 8% (table 7).

Imports of iron and steel scrap for May 2018 increased by 62% from those in April 2018 (table 9). Canada was the leading country of origin, accounting for 57% of the total tonnage of imports, followed by the United Kingdom with 15%, Mexico with 9%, and South Africa with 7%. New Orleans, LA, was the leading U.S. Customs district for tonnage of imports, accounting for 33% of the total, followed by Detroit, MI, with 24% (table 10).

The daily average domestic raw steel production for May 2018, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 234,000 metric tons, up slightly from that in April 2018 and up by 5% from that in May 2017 (table 12). Raw steel production capability utilization (AISI data) was 77.1% in May 2018, up from 76.0% in April, and up from 73.7% in May 2017 (table 12).

Continuous cast steel production accounted for 98.2% of total raw steel production in May 2018, 98.1% in April, and 99.6% in May 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)

	May 2018			January–May 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	1,450	1,910	3,360	7,290	9,270	16,600
Receipts from other own company plants	47	155	202	245	857	1,100
Production, recirculating scrap	213	148	361	1,020	747	1,770
Production, obsolete scrap	W	W	7	W	W	35
Consumption (by type of furnace):						
Blast furnace	W	W	132	W	W	643
Basic oxygen process	W	W	337	W	W	1,630
Electric furnace	1,220	1,950	3,170	6,150	9,930	16,100
Other (including air furnace) ⁶	W	W	215	W	W	799
Total consumption	1,680	2,170	3,850	8,390	10,800	19,200
Shipments	50	8	58	235	39	274
Stocks, end of period	1,750	2,410	4,170	1,750	2,410	4,170
Pig iron (includes hot metal):						
Receipts	376	82	458	1,920	427	2,340
Production	1,230	--	1,230	7,840	--	7,840
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	81	1,690	7,840	430	8,270
Stocks, end of period	200	215	415	200	215	415
Direct-reduced iron:⁸						
Receipts	129	92	221	597	443	1,040
Total consumption	102	84	186	526	404	930
Stocks, end of period	234	134	368	234	134	368

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. May 2018 data are based on returns from 21% of consumer surveys, representing 30% 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	May 2018				January–May 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	43	W	207	W	217
Cut structural and plate	291	31	326	364	1,430	153	1,590
No. 1 heavy melting steel	248	39	311	175	1,270	202	1,550
No. 2 heavy melting steel	349	30	390	217	1,720	145	1,940
No. 1 and electric furnace bundles	181	W	170	176	870	W	884
No. 2 and all other bundles	73	W	76	29	323	W	343
Electric furnace 1 foot and under (not bundles)	--	W	W	--	--	W	W
Railroad rails	18	W	18	13	89	W	90
Turnings and borings	189	2	194	169	940	W	973
Slag scrap	35	71	70	83	174	336	349
Shredded and fragmented	1,050	W	1,120	1,690	5,130	W	5,600
No. 1 busheling	390	18	408	323	1,910	W	2,040
Steel cans (post consumer)	6	W	9	2	30	W	45
All other carbon steel scrap	204	75	287	392	1,020	363	1,420
Stainless steel scrap	77	28	114	56	377	141	564
Alloy steel scrap	28	16	45	173	141	82	222
Ingot mold and stool scrap	W	W	3	2	W	W	15
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	13	W	14	4	63	W	64
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	102	27	129	81	513	127	634
Other mixed scrap	64	W	115	82	341	W	574
Total	3,360	361	3,850	4,170	16,600	1,770	19,200

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	May 2018			January–May 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	310	47	372	1,540	234	1,830
North Central:						
Illinois and Indiana	420	36	480	2,070	177	2,370
Iowa, Minnesota, Nebraska, Wisconsin	238	18	260	1,190	89	1,290
Michigan	143	52	158	756	238	791
Ohio	434	95	538	2,130	451	2,640
Total	1,240	202	1,440	6,140	956	7,090
South Atlantic:						
Virginia, West Virginia	96	4	95	515	8	556
Georgia, North Carolina, South Carolina	256	17	279	1,260	87	1,390
Total	353	21	375	1,780	95	1,940
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	596	39	706	2,910	206	3,450
Arkansas, Louisiana, Texas	618	37	645	2,910	197	3,260
Total	1,210	76	1,350	5,810	403	6,710
Mountain and Pacific:						
California, Colorado, Oregon, Utah, Washington	252	16	316	1,290	82	1,600
Grand total	3,360	361	3,850	16,600	1,770	19,200

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	May 2018					January–May 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	51	W	--	W	W
Cut structural and plate	34	88	31	119	W	146	437	148	595	W
No. 1 heavy melting steel	47	81	13	82	26	233	428	68	409	132
No. 2 heavy melting steel	6	96	42	172	W	30	473	208	843	W
No. 1 and electric furnace bundles	6	103	6	63	W	31	502	W	292	W
No. 2 and all other bundles	9	42	W	14	W	49	179	W	62	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	--	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	18	W
Turnings and borings	17	57	26	83	7	95	287	131	392	36
Slag scrap	5	24	W	W	W	28	120	W	W	W
Shredded and fragmentized	51	313	163	434	88	254	1,540	845	2,030	457
No. 1 busheling	42	149	W	166	2	210	755	145	794	9
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	29	133	W	35	3	144	677	W	165	13
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	2	24	W	W	--	11	117	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	32	W	W	W	W	151	W	W	W
Other mixed scrap	W	31	W	5	W	W	165	W	23	W
Total	310	1,240	353	1,210	252	1,540	6,140	1,780	5,810	1,290

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	May 2018					January–May 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	52	W	--	W	W
Cut structural and plate	37	107	40	122	W	164	510	204	610	W
No. 1 heavy melting steel	48	121	16	100	27	234	589	89	497	138
No. 2 heavy melting steel	10	103	44	196	W	51	501	234	967	W
No. 1 and electric furnace bundles	6	103	6	51	W	32	508	W	299	W
No. 2 and all other bundles	9	41	W	W	W	49	177	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	--	--	--	W	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	18	W
Turnings and borings	19	59	26	83	7	102	304	133	399	36
Slag scrap	11	42	W	13	W	53	211	W	64	W
Shredded and fragmentized	54	331	169	478	88	255	1,650	888	2,350	457
No. 1 busheling	42	160	W	174	2	213	807	W	868	9
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	42	182	8	52	3	209	910	35	252	14
Stainless steel scrap	54	W	W	W	--	270	W	W	W	--
Alloy steel scrap	10	26	W	W	--	49	130	W	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	8	--	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	4	47	W	W	W	25	215	W	W	W
Other mixed scrap	W	33	W	5	W	W	172	W	26	W
Total	372	1,440	375	1,350	316	1,830	7,090	1,940	6,710	1,600

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	May 2018		January–May ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	1	385	5	1,770
Canada	140	23,600	443	97,200
Mexico	220	70,900	920	284,000
Ecuador	32	10,800	97	32,800
Peru	33	12,200	218	75,700
Other ⁴	(5)	117	2	927
Total	426	118,000	1,690	492,000
Africa, Europe, Middle East:				
Austria	(5)	268	1	880
Belgium	1	850	4	2,840
Egypt	198	69,200	269	91,500
Germany	1	949	8	4,860
Greece	28	9,280	28	9,360
Italy	(5)	480	1	1,230
Kuwait	43	16,100	223	79,100
Netherlands	1	1,060	6	4,380
Saudi Arabia	--	--	44	14,900
Sweden	(5)	206	1	851
Turkey	215	74,800	1,520	489,000
United Arab Emirates	1	318	8	2,740
United Kingdom	(5)	7	2	965
Other ⁴	(5)	126	1	593
Total	491	174,000	2,120	703,000
Asia, Australia, Oceania:				
Bangladesh	34	11,800	301	108,000
China	67	16,800	448	226,000
Hong Kong	7	4,140	39	23,900
India	189	74,700	558	211,000
Indonesia	28	10,700	166	60,100
Japan	8	5,320	90	39,400
Korea, Republic of	51	17,700	165	58,400
Malaysia	23	11,200	158	64,400
Pakistan	45	22,300	211	97,500
Philippines	4	2,280	11	6,990
Singapore	(5)	137	1	499
Taiwan	191	69,100	833	296,000
Thailand	43	19,600	210	89,000
Vietnam	57	19,200	327	111,000
Other ⁴	(5)	81	(5)	178
Total	748	285,000	3,520	1,390,000
Grand total	1,670	577,000	7,320	2,590,000

-- 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–May 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	May 2018		January–May ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	69	4,240	134	18,100
Chicago, IL	(4)	147	1	940
Detroit, MI	25	7,290	84	22,300
Duluth, MN	39	347	45	2,650
Great Falls, MT	2	859	9	2,930
Ogdensburg, NY	4	996	15	3,680
Pembina, ND	23	7,380	122	37,000
Other	7	923	33	4,310
Total	169	22,200	445	91,800
East coast:				
Baltimore, MD	46	17,700	188	73,400
Boston, MA	116	40,200	465	156,000
Charleston, SC	7	3,850	55	29,900
Miami, FL	49	18,400	221	84,200
New York City, NY	278	105,000	1,060	399,000
Norfolk, VA	38	16,200	114	57,100
Philadelphia, PA	114	40,300	475	149,000
Portland, ME	3	561	31	8,250
Providence, RI	28	9,220	327	98,100
Savannah, GA	22	10,300	95	43,500
St. Albans, VT	6	1,460	22	5,660
Washington, DC	--	--	(4)	11
Wilmington, NC	(4)	39	1	745
Total	706	264,000	3,050	1,100,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
Dallas–Fort Worth, TX	--	--	(4)	8
El Paso, TX	20	7,070	57	18,200
Houston–Galveston, TX	15	9,040	189	66,600
Laredo, TX	93	29,000	454	139,000
Mobile, AL	(4)	204	1	1,000
New Orleans, LA	(4)	164	2	841
Nogales, AZ	(4)	105	1	340
San Juan, PR	18	5,550	89	27,500
Tampa, FL	24	10,300	134	52,200
Total	170	61,400	927	305,000
West coast and Hawaii:				
Anchorage, AK and Honolulu, HI	29	10,100	60	21,100
Columbia–Snake, OR	107	38,500	373	130,000
Los Angeles, CA	243	97,300	1,330	531,000
San Diego, CA	27	7,280	104	26,700
San Francisco, CA	131	47,400	667	244,000
Seattle, WA	82	29,200	369	135,000
Total	619	230,000	2,900	1,090,000
Grand total	1,670	577,000	7,320	2,590,000

-- Zero.

¹Includes tinsplate 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	May 2018		January–May ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	532	182,000	2,290	752,000
No. 2 heavy melting steel	73	24,300	308	99,100
No. 1 bundles	2	700	13	4,120
No. 2 bundles	(4)	15	3	648
Shredded steel scrap	474	166,000	2,510	854,000
Borings, shovelingen and turnings	1	207	3	765
Cut plate and structural	71	24,800	274	94,600
Tinned iron or steel	6	1,710	26	7,730
Remelting scrap ingots	(4)	138	2	1,540
Cast iron	68	31,600	363	149,000
Other iron and steel	260	91,400	1,060	367,000
Total carbon steel and cast iron	1,490	522,000	6,850	2,330,000
Stainless steel	132	30,500	263	129,000
Other alloy steel	46	24,300	211	129,000
Total stainless and alloy steel	178	54,900	473	258,000
Total carbon, stainless, alloy steel and cast iron	1,670	577,000	7,320	2,590,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	29	1	138
Used rails for rerolling and other uses	1	1,410	8	9,290
Total scrap exports	1,670	578,000	7,330	2,600,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	323	7	3,070
Pig iron > or = 0.5% phosphorus	--	--	(4)	38
Alloy pig iron	(4)	31	(4)	111
Total pig iron	1	354	7	3,220
Direct-reduced iron (DRI)	102	30,300	295	85,300
Spongy iron products, not DRI	32	16,300	188	91,200
Granules for abrasive cleaning and other uses	3	3,780	14	18,400
Powders of alloy steel	2	6,400	10	32,500
Other ferrous powders	10	12,300	41	50,900
Total DRI, granules, powders	149	69,000	548	278,000
Grand total	1,820	648,000	7,890	2,880,000

-- 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	May 2018		January–May ³	
	Quantity	Value	Quantity	Value
Bahamas, The	1	84	2	260
Brazil	(4)	132	2	2,190
Canada	338	121,000	1,380	476,000
Cayman Islands	(4)	55	1	131
China	(4)	70	2	669
Germany	1	284	4	1,060
Indonesia	--	--	4	1,240
Japan	(4)	83	1	869
Mexico	51	23,600	235	98,300
Netherlands	32	11,800	135	88,700
Russia	1	1,570	4	5,730
South Africa	41	5,900	41	5,900
Spain	--	--	22	7,790
Sweden	31	12,200	90	33,700
Taiwan	(4)	145	1	415
Trinidad and Tobago	--	--	2	1,930
United Kingdom	91	35,300	130	49,200
Venezuela	3	391	3	391
Other ⁵	1	801	3	3,030
Total	591	214,000	2,060	778,000

-- Zero.

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–May 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	May 2018		January–May ³	
	Quantity	Value	Quantity	Value
Baltimore, MD	(4)	6	1	243
Buffalo, NY	49	25,100	232	116,000
Charleston, SC	33	12,100	120	41,300
Chicago, IL	(4)	40	5	935
Cleveland, OH	(4)	55	14	1,030
Columbia–Snake, OR	--	--	22	5,040
Detroit, MI	142	51,200	605	216,000
Duluth, MN	11	3,530	36	11,300
El Paso, TX	6	2,360	27	9,680
Great Falls, MT	2	396	11	2,800
Houston–Galveston, TX	1	1,690	9	11,100
Laredo, TX	30	13,900	134	57,400
Miami, FL	1	264	3	732
Mobil, AL	5	4,040	64	72,100
New Orleans, LA	196	66,700	296	102,000
New York City, NY	(4)	38	1	477
Nogales, AZ	2	759	8	3,010
Ogdensburg, NY	1	554	3	2,430
Pembina, ND	17	6,240	69	23,800
Philadelphia, PA	(4)	114	4	1,490
Portland, ME	(4)	55	1	541
San Diego, CA	7	2,600	42	11,800
Savannah, GA	1	209	1	677
Seattle, WA	86	21,100	346	82,800
St. Albans, VT	2	423	7	1,920
Wilmington, NC	(4)	110	1	280
Other	(4)	479	1	803
Total	591	214,000	2,060	778,000

-- 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	May 2018		January–May ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	21	6,490	86	24,800
No. 2 heavy melting steel	12	3,090	61	14,700
No. 1 bundles	143	54,500	540	197,000
No. 2 bundles	13	3,830	43	12,200
Shredded steel scrap	118	41,900	282	88,100
Borings, shovelings and turnings	6	1,620	36	9,100
Cut plate and structural	24	7,470	83	25,000
Tinned iron or steel	10	4,130	38	14,400
Remelting scrap ingots	(4)	36	(4)	353
Cast iron	11	3,830	75	19,100
Other iron and steel	110	25,000	345	90,400
Total carbon steel and cast iron	469	152,000	1,590	495,000
Stainless steel	23	26,700	178	190,000
Other alloy steel	99	35,400	295	93,100
Total stainless and alloy steel	122	62,100	473	283,000
Total carbon, stainless, alloy steel and cast iron	591	214,000	2,060	778,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	(4)	90	2	2,380
Total scrap imports	591	214,000	2,060	780,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	--	--	--	--
Pig iron > or = 0.5% phosphorus	633	255,000	2,360	900,000
Alloy pig iron	(4)	69	1	603
Total pig iron	633	256,000	2,360	901,000
Direct-reduced iron (DRI)	407	102,000	1,900	428,000
Spongy iron products, not DRI	(4)	679	1	2,460
Granules for abrasive cleaning and other uses	3	3,100	13	13,800
Powders of alloy steel	6	9,800	29	48,600
Other ferrous powders	4	6,350	23	39,000
Total DRI, granules, powders	420	122,000	1,960	532,000
Grand total	1,640	591,000	6,390	2,210,000

-- 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:						
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
April	6,920	27,700	76.0	76.4	98.1	98.1
May	7,260	35,000	77.1	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:							
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	
April	350.47	344.93	354.16	348.57	438.40	431.48	
May	342.83	377.91	258.96	285.45	441.96	434.98	

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

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