

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN APRIL 2018

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

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

Exports of iron and steel scrap in April 2018 increased by 4% from those in March 2018 (table 6). Turkey was the leading destination, accounting for 21% of the total tonnage of exports, followed by Mexico, with 15%, and Taiwan, with 13%. Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 20% of the total, followed by New York, NY, with 12%, and San Francisco, CA, with 11% (table 7).

Imports of iron and steel scrap for April 2018 decreased by 11% from those in March 2018 (table 9). Canada was the

leading country of origin, accounting for 74% of the total tonnage of imports, followed by Mexico, with 13%, and Sweden, with 9%. Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 32% of the total, followed by Seattle, WA, with 16%, and Buffalo, NY, with 15% (table 10).

The daily average domestic raw steel production for April 2018, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 231,000 metric tons, down slightly from that in March 2018 and up by 3% from that in April 2017 (table 12). Raw steel production capability utilization (AISI data) was 76% in April 2018, down from 78% in March, and up from 74% in April 2017 (table 12). The electric furnace portion of raw steel production for April 2018 was 68%, down slightly from 69% in March 2018 and the same as that of April 2017.

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

	April 2018			January–April 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	1,460	1,850	3,300	5,840	7,360	13,200
Receipts from other own company plants	46	174	220	199	697	896
Production, recirculating scrap	214	149	363	823	599	1,420
Production, obsolete scrap	W	W	7	W	W	28
Consumption (by type of furnace):						
Blast furnace	W	W	131	W	W	511
Basic oxygen process	W	W	332	W	W	1,290
Electric furnace	1,240	1,920	3,160	4,950	7,980	12,900
Other (including air furnace) ⁶	W	W	204	W	W	584
Total consumption	1,680	2,140	3,820	6,730	8,590	15,300
Shipments	45	8	53	185	31	216
Stocks, end of period	1,760	2,370	4,130	1,760	2,370	4,130
Pig iron (includes hot metal):						
Receipts	382	82	464	1,540	345	1,890
Production	1,170	--	1,170	4,700	--	4,700
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	1,550	84	1,630	6,230	349	6,580
Stocks, end of period	201	214	415	201	214	415
Direct-reduced iron:⁸						
Receipts	117	87	204	468	351	819
Total consumption	108	83	191	424	321	745
Stocks, end of period	208	125	333	208	125	333

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. April 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	April 2018				January–April 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	165	W	175
Cut structural and plate	291	29	315	356	1,130	122	1,260
No. 1 heavy melting steel	251	35	308	179	1,020	160	930
No. 2 heavy melting steel	347	26	391	208	1,030	86	1,240
No. 1 and electric furnace bundles	171	W	177	163	689	W	714
No. 2 and all other bundles	67	W	71	28	249	W	267
Electric furnace 1 foot and under (not bundles)	--	W	W	--	--	W	W
Railroad rails	17	W	17	13	71	W	72
Turnings and borings	190	2	197	164	751	W	779
Slag scrap	33	66	67	84	139	265	278
Shredded and fragmented	1,020	W	1,110	1,680	4,080	W	4,490
No. 1 busheling	372	20	401	317	1,520	W	1,630
Steel cans (post consumer)	6	W	8	3	25	W	36
All other carbon steel scrap	203	69	284	389	816	288	1,130
Stainless steel scrap	75	31	118	57	300	113	450
Alloy steel scrap	28	16	44	173	113	66	178
Ingot mold and stool scrap	W	W	3	2	W	W	12
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	13	W	13	4	50	W	51
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	107	26	129	81	411	100	505
Other mixed scrap	69	10	115	94	277	W	459
Total	3,300	363	3,820	4,130	13,200	1,420	15,300

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	April 2018			January–April 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	304	47	362	1,230	187	1,450
North Central:						
Illinois and Indiana	407	35	476	1,650	140	1,890
Iowa, Minnesota, Nebraska, Wisconsin	234	18	252	1,480	72	1,030
Michigan	143	46	154	80	186	632
Ohio	426	89	539	1,700	355	2,100
Total	1,210	188	1,420	4,910	753	5,650
South Atlantic:						
Virginia, West Virginia	105	18	124	419	19	474
Georgia, North Carolina, South Carolina	256	16	268	1,000	69	1,110
Total	360	34	392	1,420	89	1,580
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	585	40	683	2,310	167	2,740
Arkansas, Louisiana, Texas	590	39	654	2,290	159	2,610
Total	1,170	79	1,340	4,600	327	5,350
Mountain and Pacific:						
California, Colorado, Oregon, Utah, Washington	253	15	313	1,040	66	1,280
Grand total	3,300	363	3,820	13,200	1,420	15,300

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	April 2018					January–April 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	41	W	--	W	W
Cut structural and plate	31	91	29	120	W	113	349	117	476	W
No. 1 heavy melting steel	46	84	13	82	26	187	347	55	327	106
No. 2 heavy melting steel	6	96	44	169	W	24	377	166	671	W
No. 1 and electric furnace bundles	6	97	6	58	W	25	399	W	229	W
No. 2 and all other bundles	10	38	W	13	W	39	137	W	W	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	--	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	14	W
Turnings and borings	18	57	27	81	7	78	230	105	309	28
Slag scrap	5	22	W	W	W	23	96	W	W	W
Shredded and fragmentized	46	296	171	417	88	203	1,230	682	1,590	369
No. 1 busheling	42	147	W	153	2	168	606	114	627	7
Steel cans (post consumer)	W	W	W	--	--	W	W	--	--	--
All other carbon steel scrap	29	134	W	33	3	115	544	W	130	10
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	2	23	W	W	--	9	94	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	118	W	W	W
Other mixed scrap	W	33	W	4	W	W	134	W	18	W
Total	304	1,210	360	1,170	253	1,230	4,910	1,420	4,600	1,040

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	April 2018					January–April 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	41	W	--	W	W
Cut structural and plate	34	104	37	121	W	126	404	165	487	W
No. 1 heavy melting steel	44	117	19	101	27	187	468	75	396	111
No. 2 heavy melting steel	10	105	49	191	W	41	398	192	770	W
No. 1 and electric furnace bundles	6	100	6	61	W	25	405	W	247	W
No. 2 and all other bundles	10	39	W	W	W	40	136	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	--	--	--	W	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	14	W
Turnings and borings	20	60	28	83	7	82	245	107	316	28
Slag scrap	11	39	W	13	W	42	169	W	51	W
Shredded and fragmented	48	327	183	466	88	201	1,320	728	1,870	369
No. 1 busheling	43	156	W	172	2	171	646	W	694	7
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	42	186	4	49	3	167	728	27	200	11
Stainless steel scrap	54	24	W	W	--	216	85	W	W	--
Alloy steel scrap	10	26	W	W	--	39	104	W	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	6	--	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	6	46	W	W	W	21	168	W	W	W
Other mixed scrap	W	34	W	5	W	W	138	W	20	W
Total	362	1,420	392	1,340	313	1,450	5,650	1,580	5,350	1,280

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	April 2018		January–April ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	3	1,080	4	1,380
Canada	102	23,100	304	73,600
Mexico	230	70,100	700	213,000
Ecuador	1	211	65	22,000
Peru	65	22,100	185	63,500
Other ⁴	(5)	167	2	809
Total	401	117,000	1,260	374,000
Africa, Europe, Middle East:				
Austria	--	--	1	613
Belgium	1	417	3	1,990
Egypt	--	--	70	22,200
Germany	2	1,350	7	3,910
Italy	(5)	15	1	753
Kuwait	46	15,900	180	63,000
Netherlands	1	938	4	3,320
Saudi Arabia	(5)	10	44	14,900
Turkey	329	100,000	1,310	414,000
United Arab Emirates	2	604	7	2,420
United Kingdom	(5)	30	1	958
Other ⁴	(5)	162	1	1,190
Total	381	120,000	1,630	530,000
Asia, Australia, Oceania:				
Bangladesh	193	71,500	267	96,400
China	119	60,000	381	209,000
Hong Kong	13	6,110	32	19,800
India	111	44,900	369	136,000
Indonesia	18	6,780	138	49,400
Japan	9	3,080	83	34,100
Korea, Republic of	12	5,350	114	40,600
Malaysia	13	6,800	134	53,200
Pakistan	40	19,500	167	75,100
Philippines	2	1,320	7	4,710
Singapore	(5)	153	1	362
Taiwan	200	71,500	642	227,000
Thailand	8	6,630	167	69,400
Vietnam	29	9,750	270	91,800
Other ⁴	(5)	6	(5)	97
Total	767	313,000	2,770	1,110,000
Grand total	1,550	550,000	5,660	2,010,000

-- 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–April 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	April 2018		January–April ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	34	5,000	66	13,800
Chicago, IL	1	341	1	793
Detroit, MI	14	3,780	59	15,000
Duluth, MN	2	812	6	1,300
Great Falls, MT	3	806	7	2,070
Ogdensburg, NY	4	1,180	11	2,680
Pembina, ND	29	9,490	99	29,600
Other	9	898	26	3,390
Total	95	22,300	276	68,600
East coast:				
Baltimore, MD	9	4,430	142	55,700
Boston, MA	82	28,700	349	115,000
Charleston, SC	9	5,160	48	26,100
Miami, FL	41	15,800	172	65,800
New York City, NY	185	70,800	779	294,000
Norfolk, VA	12	7,320	76	40,900
Philadelphia, PA	133	45,000	361	108,000
Portland, ME	3	689	28	7,690
Providence, RI	154	39,900	300	88,800
Savannah, GA	14	6,800	74	33,200
St. Albans, VT	5	1,340	16	4,200
Washington, DC	--	--	(4)	11
Wilmington, NC	(4)	265	1	705
Total	646	226,000	2,340	841,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
Dallas–Fort Worth, TX	--	--	(4)	8
El Paso, TX	14	4,780	37	11,100
Houston–Galveston, TX	9	4,980	174	57,500
Laredo, TX	107	32,700	361	110,000
Mobile, AL	(4)	362	1	797
New Orleans, LA	1	217	1	678
Nogales, AZ	(4)	85	1	235
San Juan, PR	15	4,690	71	22,000
Tampa, FL	3	1,750	110	41,900
Total	149	49,600	757	244,000
West coast and Hawaii:				
Anchorage, AK and Honolulu, HI	2	603	31	11,000
Columbia–Snake, OR	35	12,500	266	91,400
Los Angeles, CA	314	125,000	1,090	433,000
San Diego, CA	27	7,420	77	19,500
San Francisco, CA	168	64,400	536	196,000
Seattle, WA	113	41,900	286	106,000
Total	659	252,000	2,280	857,000
Grand total	1,550	550,000	5,660	2,010,000

-- 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	April 2018		January–April ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	432	143,000	1,760	570,000
No. 2 heavy melting steel	68	23,000	235	74,800
No. 1 bundles	3	1,110	11	3,420
No. 2 bundles	1	60	3	633
Shredded steel scrap	551	192,000	2,040	689,000
Borings, shoveling and turnings	1	242	3	558
Cut plate and structural	52	18,500	203	69,800
Tinned iron or steel	6	1,510	20	6,010
Remelting scrap ingots	(4)	604	1	1,400
Cast iron	66	29,900	295	117,000
Other iron and steel	281	87,200	796	275,000
Total carbon steel and cast iron	1,460	497,000	5,360	1,810,000
Stainless steel	46	25,000	130	98,400
Other alloy steel	42	28,300	165	105,000
Total stainless and alloy steel	88	53,200	295	204,000
Total carbon, stainless, alloy steel and cast iron	1,550	550,000	5,660	2,010,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	50	1	109
Used rails for rerolling and other uses	2	2,280	7	7,880
Total scrap exports	1,550	552,000	5,670	2,020,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	613	6	2,750
Pig iron > or = 0.5% phosphorus	--	--	(4)	38
Alloy pig iron	(4)	73	(4)	80
Total pig iron	1	686	6	2,870
Direct-reduced iron (DRI)	39	11,600	193	55,000
Spongy iron products, not DRI	45	18,200	156	74,900
Granules for abrasive cleaning and other uses	3	3,590	11	14,600
Powders of alloy steel	2	6,360	8	26,100
Other ferrous powders	8	10,200	31	38,600
Total DRI, granules, powders	97	49,900	399	209,000
Grand total	1,650	603,000	6,070	2,230,000

-- 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	April 2018		January–April ³	
	Quantity	Value	Quantity	Value
Bahamas	(4)	60	2	175
Brazil	1	924	2	2,060
Canada	270	96,800	1,040	355,000
China	(4)	160	1	599
Germany	1	193	3	778
Indonesia	--	--	4	1,240
Japan	(4)	109	1	786
Mexico	46	20,000	184	74,600
Netherlands	11	15,000	103	76,900
Russia	1	1,620	3	4,160
Spain	(4)	27	22	7,790
Sweden	32	12,100	59	21,500
Trinidad and Tobago	2	629	2	1,930
United Kingdom	(4)	210	39	13,900
Other ⁵	1	745	3	2,570
Total	365	149,000	1,470	564,000

-- 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–April 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	April 2018		January–April ³	
	Quantity	Value	Quantity	Value
Baltimore, MD	--	--	1	236
Buffalo, NY	54	27,200	183	90,800
Charleston, SC	1	153	88	29,300
Chicago, IL	(4)	64	5	895
Cleveland, OH	(4)	101	14	975
Columbia–Snake, OR	8	1,950	22	5,040
Detroit, MI	117	41,800	464	165,000
Duluth, MN	10	3,380	25	7,790
El Paso, TX	7	2,570	21	7,320
Great Falls, MT	3	676	9	2,410
Houston–Galveston, TX	4	3,620	8	9,390
Laredo, TX	23	10,400	104	43,500
Miami, FL	1	109	2	468
Mobile, AL	17	18,800	59	68,000
New Orleans, LA	32	12,200	100	35,500
New York City, NY	(4)	214	1	439
Nogales, AZ	3	841	6	2,250
Ogdensburg, NY	(4)	456	2	1,880
Pembina, ND	17	5,900	53	17,500
Philadelphia, PA	(4)	39	4	1,380
Portland, ME	(4)	108	1	487
San Diego, CA	8	2,400	34	9,220
Seattle, WA	60	14,900	260	61,800
St. Albans, VT	2	419	5	1,490
Wilmington, NC	(4)	67	1	170
Other	(4)	186	(4)	791
Total	365	149,000	1,470	564,000

-- 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	April 2018		January–April ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	13	3,950	64	18,300
No. 2 heavy melting steel	13	3,270	49	11,600
No. 1 bundles	92	34,600	397	142,000
No. 2 bundles	10	3,050	30	8,330
Shredded steel scrap	39	11,600	163	46,200
Borings, shovelings and turnings	6	1,670	30	7,490
Cut plate and structural	17	5,490	59	17,600
Tinned iron or steel	8	3,080	27	10,300
Remelting scrap ingots	(4)	73	(4)	317
Cast iron	11	3,820	64	15,300
Other iron and steel	69	20,100	235	65,400
Total carbon steel and cast iron	278	90,700	1,120	343,000
Stainless steel	37	42,400	154	163,000
Other alloy steel	50	15,500	196	57,800
Total stainless and alloy steel	87	57,800	350	221,000
Total carbon, stainless, alloy steel and cast iron	365	149,000	1,470	564,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	1	763	2	2,290
Total scrap imports	366	149,000	1,470	566,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	--	--	--	--
Pig iron > or = 0.5% phosphorus	396	154,000	1,730	645,000
Alloy pig iron	(4)	40	(4)	534
Total pig iron	396	154,000	1,730	645,000
Direct-reduced iron (DRI)	412	91,900	1,490	327,000
Spongy iron products, not DRI	(4)	583	1	1,780
Granules for abrasive cleaning and other uses	3	2,860	10	10,700
Powders of alloy steel	7	10,800	24	38,800
Other ferrous powders	5	9,090	19	32,700
Total DRI, granules, powders	427	115,000	1,540	411,000
Grand total	1,190	418,000	4,740	1,620,000

-- 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:						
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
April	6,920	27,700	76.0	76.4	98.1	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:						
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
April	350.47	344.93	354.16	348.57	438.40	431.48

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

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