

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN AUGUST 2018

Iron and steel scrap consumption in August 2018 increased slightly and home (recirculating) scrap production was essentially unchanged compared with those of July 2018 (table 1). Purchased scrap receipts in August 2018 increased slightly compared with those in July 2018. Stocks of purchased and home scrap at the end of August 2018 were slightly more than those at the end of July 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 31% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

Pig iron production in August 2018 decreased slightly and pig iron consumption was essentially unchanged compared with those of July 2018 (table 1).

Exports of iron and steel scrap in August 2018 increased by 7% from those in July 2018 (table 6). Turkey was the leading destination, accounting for 19% of the total tonnage of exports. New York, NY, San Francisco, CA, and Los Angeles, CA, were the leading U.S. Customs districts for tonnage of exports, accounting for 16%, 12%, and 11%, respectively, of the total (table 7).

Imports of iron and steel scrap for August 2018 decreased by 18% from those in July 2018 (table 9). Canada was the leading country of origin, accounting for 79% of the total tonnage of imports. Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 33% of the total (table 10).

The daily average domestic raw steel production for August 2018, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 241,000 metric tons, up slightly from that in July 2018 and up 5% from that in August 2017 (table 12). Raw steel production capability utilization (AISI data) was 79.4% in August 2018, up from 78.4% in July 2018 and up from 75.8% in August 2017 (table 12).

Continuous cast steel production accounted for 98.2% of total raw steel production in August 2018 (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)

	August 2018			January–August 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	1,500	1,920	3,420	11,800	15,100	26,900
Receipts from other own company plants	49	167	215	393	1,360	1,750
Production, recirculating scrap	208	153	361	1,640	1,210	2,850
Production, obsolete scrap	W	W	7	W	W	56
Consumption (by type of furnace):						
Blast furnace	W	W	134	W	W	1,030
Basic oxygen process	W	W	330	W	W	2,620
Electric furnace	1,250	1,960	3,200	9,900	15,900	25,800
Other (including air furnace) ⁶	W	W	220	W	W	1,480
Total consumption	1,710	2,180	3,890	13,500	17,300	30,900
Shipments	49	8	57	377	63	440
Stocks, end of period	1,720	2,600	4,320	1,720	2,600	4,320
Pig iron (includes hot metal):						
Receipts	334	59	392	3,130	708	3,840
Production	1,230	--	1,230	9,660	--	9,660
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	1,630	100	1,730	12,700	703	13,400
Stocks, end of period	241	224	465	241	224	465
Direct-reduced iron:⁸						
Receipts	71	72	143	806	630	1,440
Total consumption	76	54	130	838	640	1,480
Stocks, end of period	117	85	202	117	85	202

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. August 2018 data are based on returns from 21% of consumer surveys, representing 31% 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	August 2018				January–August 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	331	W	347
Cut structural and plate	274	30	325	328	2,270	244	2,580
No. 1 heavy melting steel	251	46	313	184	2,030	326	2,460
No. 2 heavy melting steel	341	29	385	230	2,760	238	3,120
No. 1 and electric furnace bundles	173	W	182	173	1,390	W	1,420
No. 2 and all other bundles	62	W	65	36	521	W	546
Electric furnace 1 foot and under (not bundles)	--	W	W	--	--	W	W
Railroad rails	18	W	18	13	143	W	144
Turnings and borings	204	W	198	182	1,550	W	1,580
Slag scrap	35	69	69	82	269	542	550
Shredded and fragmented	1,110	W	1,140	1,810	8,440	W	9,080
No. 1 busheling	404	W	420	345	3,120	W	3,300
Steel cans (post consumer)	W	W	W	W	47	W	70
All other carbon steel scrap	206	73	289	391	1,670	578	2,320
Stainless steel scrap	76	28	110	59	602	225	897
Alloy steel scrap	28	16	44	173	221	131	351
Ingot mold and stool scrap	W	W	3	2	W	W	24
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	12	W	13	5	102	W	104
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	109	28	135	86	832	207	1,030
Other mixed scrap	65	W	115	88	536	W	906
Total	3,420	361	3,890	4,320	26,900	2,850	30,900

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	August 2018			January–August 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	316	47	377	2,500	375	2,950
North Central:						
Illinois and Indiana	430	36	489	3,390	287	3,840
Iowa, Minnesota, Nebraska, Wisconsin	237	19	260	1,890	145	2,060
Michigan	139	53	143	1,200	392	1,250
Ohio	436	94	539	3,420	720	4,240
Total	1,240	203	1,430	9,890	1,540	11,400
South Atlantic:						
Virginia, West Virginia	101	--	122	807	17	911
Georgia, North Carolina, South Carolina	264	16	284	2,050	137	2,260
Total	364	16	406	2,860	154	3,170
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	635	41	699	4,800	329	5,570
Arkansas, Louisiana, Texas	613	40	663	4,740	316	5,260
Total	1,250	81	1,360	9,540	645	10,800
Mountain and Pacific:						
California, Colorado, Oregon, Utah, Washington	252	16	312	2,060	132	2,550
Grand total	3,420	361	3,890	26,900	2,850	30,900

-- 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	August 2018					January–August 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	82	W	--	W	W
Cut structural and plate	30	82	26	116	W	239	689	232	945	W
No. 1 heavy melting steel	47	83	12	83	26	377	674	105	663	211
No. 2 heavy melting steel	6	92	41	171	W	48	753	335	1,360	W
No. 1 and electric furnace bundles	6	102	W	55	W	50	805	W	466	W
No. 2 and all other bundles	10	32	W	W	W	79	283	W	102	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	--	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	29	W
Turnings and borings	19	63	28	88	7	151	483	215	640	57
Slag scrap	5	24	W	W	W	44	183	W	W	W
Shredded and fragmented	55	330	180	459	88	431	2,530	1,370	3,380	733
No. 1 busheling	42	148	W	183	2	336	1,190	W	1,340	15
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	31	135	W	33	W	234	1,120	W	263	19
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	2	23	W	W	--	18	183	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	35	W	W	W	W	250	W	W	W
Other mixed scrap	W	31	W	4	W	W	261	W	35	W
Total	316	1,240	364	1,250	252	2,500	9,890	2,860	9,540	2,060

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	August 2018					January–August 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	83	W	--	W	W
Cut structural and plate	40	101	45	119	W	277	822	345	977	W
No. 1 heavy melting steel	44	125	19	98	27	372	932	140	792	221
No. 2 heavy melting steel	10	98	53	186	W	82	804	388	1,540	W
No. 1 and electric furnace bundles	7	104	W	63	W	51	816	W	477	W
No. 2 and all other bundles	11	31	W	W	W	80	278	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	--	--	--	W	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	29	W
Turnings and borings	21	62	27	80	7	160	502	217	641	57
Slag scrap	10	41	W	13	W	84	329	W	104	W
Shredded and fragmented	56	344	178	479	88	420	2,690	1,440	3,800	733
No. 1 busheling	42	157	W	189	2	341	1,280	W	1,430	15
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	44	182	8	52	3	399	1,490	58	410	22
Stainless steel scrap	54	20	W	W	--	433	W	W	W	--
Alloy steel scrap	10	25	W	W	--	78	202	W	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	13	--	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	49	W	W	W	39	353	W	W	W
Other mixed scrap	W	34	W	3	W	W	270	W	38	W
Total	377	1,430	406	1,360	312	2,950	11,400	3,170	10,800	2,550

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	August 2018		January–August ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	39	13,900	83	29,500
Canada	60	15,500	756	145,000
Costa Rica	(4)	12	3	114
Mexico	153	47,900	1,380	430,000
Ecuador	(4)	70	134	45,300
Peru	33	11,200	251	86,900
Other ⁵	(4)	15	2	1,140
Total	285	88,500	2,610	738,000
Africa, Europe, Middle East:				
Austria	(4)	14	1	1,260
Belgium	5	1,760	12	6,210
Egypt	140	45,300	560	188,000
Germany	7	1,780	18	8,270
Greece	63	20,500	91	29,900
Italy	1	1,320	4	3,530
Kuwait	44	14,200	352	122,000
Liberia	1	801	1	801
Netherlands	(4)	305	8	5,720
Saudi Arabia	--	--	44	14,900
Spain	(4)	34	1	217
Sweden	(4)	190	1	1,580
Turkey	300	89,200	2,340	754,000
United Arab Emirates	3	1,070	15	5,340
United Kingdom	(4)	67	2	1,130
Other ⁵	(4)	311	1	1,060
Total	564	177,000	3,450	1,140,000
Asia, Australia, Oceania:				
Bangladesh	67	22,100	545	190,000
China	15	9,400	497	260,000
Hong Kong	19	16,500	80	57,200
India	47	28,200	711	298,000
Indonesia	98	32,600	333	118,000
Japan	13	5,160	115	51,500
Korea, Republic of	81	28,300	465	162,000
Malaysia	21	10,400	258	108,000
Pakistan	25	12,300	292	137,000
Philippines	3	2,270	16	11,500
Singapore	(4)	51	1	762
Taiwan	182	68,200	1,290	467,000
Thailand	64	21,000	351	138,000
Vietnam	76	25,000	587	193,000
Other ⁵	(4)	39	1	268
Total	711	282,000	5,540	2,190,000
Grand total	1,560	547,000	11,600	4,070,000

-- 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.

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

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	August 2018		January–August ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	8	3,110	260	28,800
Chicago, IL	(4)	33	2	1,260
Detroit, MI	18	5,620	131	37,400
Duluth, MN	1	237	48	4,640
Great Falls, MT	1	342	13	3,850
Ogdensburg, NY	4	1,110	27	6,760
Pembina, ND	7	1,810	148	44,200
Other	10	1,040	79	7,240
Total	50	13,300	708	134,000
East coast:				
Baltimore, MD	77	27,500	355	135,000
Boston, MA	104	35,000	696	235,000
Charleston, SC	6	3,440	73	40,900
Miami, FL	44	16,000	337	127,000
New York City, NY	248	93,900	1,760	667,000
Norfolk, VA	21	10,100	183	89,900
Philadelphia, PA	147	39,300	706	216,000
Portland, ME	16	5,280	73	21,500
Providence, RI	65	21,200	538	168,000
Savannah, GA	16	7,520	139	64,200
St. Albans, VT	5	1,380	60	10,500
Washington, DC	--	--	(4)	11
Wilmington, NC	(4)	89	1	886
Total	749	261,000	4,920	1,780,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
Dallas–Fort Worth, TX	(4)	12	(4)	44
El Paso, TX	11	3,670	90	29,500
Houston–Galveston, TX	59	23,000	280	106,000
Laredo, TX	59	19,100	659	204,000
Mobile, AL	(4)	438	3	2,320
New Orleans, LA	2	613	4	1,550
Nogales, AZ	(4)	101	2	508
San Juan, PR	22	6,720	136	41,600
Tampa, FL	14	5,790	168	65,600
Total	169	59,500	1,340	452,000
West coast and Hawaii:				
Anchorage, AK and Honolulu, HI	34	11,200	99	34,200
Columbia–Snake, OR	67	21,900	587	202,000
Los Angeles, CA	176	73,400	2,040	812,000
San Diego, CA	23	5,370	171	43,300
San Francisco, CA	186	64,300	1,140	404,000
Seattle, WA	107	37,400	597	218,000
Total	592	214,000	4,630	1,710,000
Grand total	1,560	547,000	11,600	4,070,000

-- 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	August 2018		January–August ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	550	171,000	3,660	1,200,000
No. 2 heavy melting steel	83	25,900	508	162,000
No. 1 bundles	2	528	19	5,720
No. 2 bundles	--	--	3	698
Shredded steel scrap	544	183,000	3,920	1,340,000
Borings, shovelings and turnings	1	232	6	1,470
Cut plate and structural	50	16,600	401	138,000
Tinned iron or steel	4	1,010	42	11,500
Remelting scrap ingots	(4)	55	2	1,840
Cast iron	51	27,300	527	230,000
Other iron and steel	204	70,500	1,700	580,000
Total carbon steel and cast iron	1,490	497,000	10,800	3,660,000
Stainless steel	28	28,300	476	218,000
Other alloy steel	44	22,000	343	193,000
Total stainless and alloy steel	72	50,300	819	411,000
Total carbon, stainless, alloy steel and cast iron	1,560	547,000	11,600	4,070,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	69	2	337
Used rails for rerolling and other uses	12	1,370	11	13,000
Total scrap exports	1,570	548,000	11,600	4,090,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	518	9	4,400
Pig iron > or = 0.5% phosphorus	--	--	1	80
Alloy pig iron	(4)	10	(4)	122
Total pig iron	1	529	10	4,600
Direct-reduced iron (DRI)	82	25,300	412	121,000
Spongy iron products, not DRI	67	27,100	342	156,000
Granules for abrasive cleaning and other uses	3	3,800	23	28,900
Powders of alloy steel	1	6,820	14	51,700
Other ferrous powders	8	10,100	65	83,400
Total DRI, granules, powders	160	73,000	857	441,000
Grand total	1,730	622,000	12,500	4,530,000

-- 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	August 2018		January–August ³	
	Quantity	Value	Quantity	Value
Bahamas, The	1	79	4	491
Brazil	(4)	44	2	2,690
Canada	321	104,000	2,310	797,000
Cayman Islands	(4)	28	1	239
China	2	676	3	1,470
France	(4)	9	27	10,100
Germany	1	284	8	2,220
India	1	246	1	458
Indonesia	--	--	4	1,240
Japan	1	176	5	2,350
Mexico	42	19,800	380	165,000
Netherlands	26	9,210	192	109,000
Russia	1	2,560	7	12,000
South Africa	--	--	41	5,900
Spain	--	--	47	17,000
Saint Kitts and Nevis	(4)	24	1	148
Sweden	(4)	11	120	45,400
Taiwan	(4)	213	1	865
Trinidad and Tobago	(4)	3	2	1,930
United Kingdom	11	3,740	211	80,400
Venezuela	--	--	3	391
Other ⁵	1	794	4	5,100
Total	407	142,000	3,380	1,260,000

-- 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–August 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	August 2018		January–August ³	
	Quantity	Value	Quantity	Value
Baltimore, MD	(4)	81	1	608
Buffalo, NY	49	25,300	376	189,000
Charleston, SC	38	13,200	214	75,100
Chicago, IL	6	461	16	2,490
Cleveland, OH	34	1,170	51	3,040
Columbia–Snake, OR	3	635	28	6,480
Detroit, MI	136	51,200	1,020	373,000
Duluth, MN	10	3,270	65	21,000
El Paso, TX	6	1,890	44	15,500
Great Falls, MT	1	306	14	3,770
Houston–Galveston, TX	2	3,080	13	18,700
Laredo, TX	23	11,500	219	97,300
Los Angeles, CA	(4)	249	1	1,830
Miami, FL	1	145	6	1,220
Mobile, AL	6	4,520	81	85,100
New Orleans, LA	(4)	75	425	152,000
New York City, NY	(4)	22	1	597
Nogales, AZ	4	1,040	17	5,690
Ogdensburg, NY	1	1,020	7	4,930
Pembina, ND	18	6,110	136	46,300
Philadelphia, PA	(4)	87	5	2,470
Portland, ME	(4)	112	1	763
San Diego, CA	5	1,190	59	16,800
Savannah, GA	1	156	1	1,050
Seattle, WA	63	14,400	559	133,000
St. Albans, VT	1	197	10	2,780
Wilmington, NC	(4)	20	1	336
Other	(4)	220	(4)	449
Total	407	142,000	3,380	1,260,000

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	August 2018		January–August ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	19	5,130	145	41,900
No. 2 heavy melting steel	10	2,750	96	24,000
No. 1 bundles	97	37,000	890	332,000
No. 2 bundles	6	1,880	66	19,300
Shredded steel scrap	54	17,000	491	156,000
Borings, shovelings and turnings	9	2,240	57	14,500
Cut plate and structural	12	3,550	133	40,000
Tinned iron or steel	11	3,670	69	25,800
Remelting scrap ingots	(4)	332	1	1,220
Cast iron	50	4,390	157	33,700
Other iron and steel	60	16,200	546	146,000
Total carbon steel and cast iron	327	94,100	2,650	834,000
Stainless steel	28	30,600	255	277,000
Other alloy steel	53	16,900	469	150,000
Total stainless and alloy steel	80	47,500	725	427,000
Total carbon, stainless, alloy steel and cast iron	407	142,000	3,380	1,260,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	8	(4)	11
Used rails for rerolling and other uses	6	331	4	3,530
Total scrap imports	414	142,000	3,380	1,260,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	--	--	--	--
Pig iron > or = 0.5% phosphorus	347	141,000	3,830	1,490,000
Alloy pig iron	(4)	60	1	840
Total pig iron	347	141,000	3,830	1,490,000
Direct-reduced iron (DRI)	286	71,300	2,680	656,000
Spongy iron products, not DRI	(4)	956	2	4,780
Granules for abrasive cleaning and other uses	1	2,250	20	22,800
Powders of alloy steel	6	10,400	45	77,500
Other ferrous powders	4	6,670	32	58,300
Total DRI, granules, powders	297	91,600	2,780	819,000
Grand total	1,060	375,000	9,990	3,580,000

-- 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:						
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
June	7,060	42,100	77.4	76.7	98.2	98.1
July	7,380	49,400	78.4	77.0	98.2	98.1
August	7,480	56,900	79.4	77.3	98.2	98.2

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:						
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
June	334.58	329.30	340.17	334.80	441.96	434.98
July	340.72	335.34	345.17	339.72	443.99	436.98
August	323.99	318.87	NA	NA	NA	NA

NA Not available.

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

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