

Mineral Industry Surveys

For information, contact:

Elizabeth Sangine, Chief, Mineral Commodities Section
National Minerals Information Center
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-7720, Fax: (703) 648-7757
Email: escottsangine@usgs.gov

Hoa P. Phamdang (Data)
Telephone: (703) 648-7965
Fax: (703) 648-7975
Email: hphamdang@usgs.gov

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

IRON AND STEEL SCRAP IN JULY 2018

Iron and steel scrap consumption in July 2018 decreased by 4% and home (recirculating) scrap production was essentially unchanged compared with those of June (table 1). Purchased scrap receipts in July 2018 decreased by 7% compared with those in June 2018. Stocks of purchased and home scrap at the end of July 2018 were slightly less than those at the end of June 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 32% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

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

Exports of iron and steel scrap in July 2018 increased by 17% from those in June 2018 (table 6). Turkey was the leading destination, accounting for 25% of the total tonnage of exports. Los Angeles, CA, and New York, NY, were the leading U.S. Customs districts for tonnage of exports, accounting for 15% each of the total (table 7).

Imports of iron and steel scrap for July 2018 increased by 20% from those in June 2018 (table 9). Canada was the leading country of origin, accounting for 63% of the total tonnage of imports. Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 28% of the total (table 10).

The daily average domestic raw steel production for July 2018, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 238,000 metric tons, up slightly from that in June 2018 and up 6% from that in July 2017 (table 12). Raw steel production capability utilization (AISI data) was 78.4% in July, up from 77.4% in June 2018, and up from 74.3% in July 2017 (table 12).

Continuous cast steel production accounted for 98.2% of total raw steel production in July 2018 (table 12).

List services and web feed subscribers are the first to receive notification of USGS minerals information publications and data releases. For information on how to subscribe, go to <http://minerals.usgs.gov/minerals/>.

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

(Thousand metric tons)

	July 2018			January–July 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	1,470	1,910	3,390	10,300	13,200	23,400
Receipts from other own company plants	52	169	221	345	1,190	1,540
Production, recirculating scrap	207	153	360	1,430	1,060	2,490
Production, obsolete scrap	W	W	7	W	W	49
Consumption (by type of furnace):						
Blast furnace	W	W	127	W	W	898
Basic oxygen process	W	W	328	W	W	2,290
Electric furnace	1,230	1,940	3,170	8,660	13,900	22,600
Other (including air furnace) ⁶	W	W	217	W	W	1,260
Total consumption	1,680	2,160	3,840	11,800	15,200	27,000
Shipments	48	8	56	328	55	383
Stocks, end of period	1,720	2,540	4,270	1,720	2,540	4,270
Pig iron (includes hot metal):						
Receipts	457	129	586	2,800	650	3,450
Production	1,260	--	1,260	8,430	--	8,430
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	1,650	88	1,730	11,100	603	11,700
Stocks, end of period	304	265	569	304	265	569
Direct-reduced iron:⁸						
Receipts	6	25	31	736	558	1,290
Total consumption	99	74	173	762	586	1,350
Stocks, end of period	131	67	199	131	67	199

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. July 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	July 2018				January–July 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	290	W	304
Cut structural and plate	274	28	323	340	1,990	214	2,260
No. 1 heavy melting steel	261	39	295	187	1,780	281	2,140
No. 2 heavy melting steel	349	31	388	228	2,420	208	2,730
No. 1 and electric furnace bundles	171	W	174	181	1,220	W	1,230
No. 2 and all other bundles	65	W	66	35	459	W	481
Electric furnace 1 foot and under (not bundles)	--	W	W	--	--	W	W
Railroad rails	18	W	18	14	125	W	127
Turnings and borings	194	W	194	171	1,340	W	1,380
Slag scrap	34	68	67	81	234	472	481
Shredded and fragmented	1,080	W	1,140	1,750	7,330	W	7,940
No. 1 busheling	405	W	410	338	2,710	W	2,880
Steel cans (post consumer)	W	W	W	W	41	W	60
All other carbon steel scrap	207	69	291	393	1,460	50	2,030
Stainless steel scrap	74	28	111	56	526	197	787
Alloy steel scrap	28	16	44	173	193	115	307
Ingot mold and stool scrap	W	W	3	2	W	W	21
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	13	W	12	6	90	W	89
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	104	28	129	84	722	178	893
Other mixed scrap	64	W	107	92	471	W	791
Total	3,390	360	3,840	4,270	23,400	2,490	27,000

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	July 2018			January–July 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	320	48	364	2,190	328	2,570
North Central:						
Illinois and Indiana	430	36	483	2,960	251	3,360
Iowa, Minnesota, Nebraska, Wisconsin	234	18	256	1,650	127	1,800
Michigan	150	51	152	1,060	339	1,110
Ohio	418	89	534	2,980	625	3,700
Total	1,230	195	1,420	8,650	1,340	9,960
South Atlantic:						
Virginia, West Virginia	96	9	116	706	18	788
Georgia, North Carolina, South Carolina	261	14	281	1,790	120	1,970
Total	356	23	397	2,490	138	2,760
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	610	40	681	4,160	288	4,870
Arkansas, Louisiana, Texas	606	38	655	4,130	276	4,600
Total	1,220	78	1,330	8,290	565	9,470
Mountain and Pacific:						
California, Colorado, Oregon, Utah, Washington	260	17	318	1,810	116	2,230
Grand total	3,390	360	3,840	23,400	2,490	27,000

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	July 2018					January–July 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	72	W	--	W	W
Cut structural and plate	33	82	27	113	W	209	608	206	829	W
No. 1 heavy melting steel	48	86	12	88	27	329	591	93	580	185
No. 2 heavy melting steel	6	93	43	173	W	42	662	294	1,190	W
No. 1 and electric furnace bundles	6	98	W	57	W	44	703	W	411	W
No. 2 and all other bundles	9	34	W	13	W	69	251	W	89	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	--	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	25	W
Turnings and borings	18	60	28	80	7	132	420	187	553	50
Slag scrap	5	23	W	W	W	39	159	W	W	W
Shredded and fragmented	60	318	169	433	94	377	2,200	1,190	2,920	645
No. 1 busheling	42	150	W	181	2	294	1,040	W	1,160	13
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	29	141	W	32	W	203	982	W	230	17
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	2	23	W	W	--	15	160	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	33	W	W	W	W	216	W	W	W
Other mixed scrap	W	32	W	4	W	W	230	W	31	W
Total	320	1,230	356	1,220	260	2,190	8,650	2,490	8,290	1,810

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	July 2018					January–July 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	72	W	--	W	W
Cut structural and plate	37	103	45	118	W	238	721	299	857	W
No. 1 heavy melting steel	44	108	16	98	28	328	808	121	694	194
No. 2 heavy melting steel	10	101	50	188	W	72	706	334	1,350	W
No. 1 and electric furnace bundles	6	103	W	56	W	44	713	W	414	W
No. 2 and all other bundles	10	33	W	W	W	69	247	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	--	--	--	W	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	25	W
Turnings and borings	18	62	28	78	7	139	440	189	560	50
Slag scrap	11	40	W	13	W	74	287	W	91	W
Shredded and fragmentized	50	343	179	478	94	364	2,350	1,260	3,330	645
No. 1 busheling	45	162	W	172	2	300	1,120	W	1,240	13
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	42	188	8	51	3	295	1,310	50	358	19
Stainless steel scrap	54	21	W	W	--	379	W	W	W	--
Alloy steel scrap	10	25	W	W	--	69	177	W	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	11	--	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	45	W	W	W	34	304	W	W	W
Other mixed scrap	W	32	W	3	W	W	236	W	35	W
Total	364	1,420	397	1,330	318	2,570	9,960	2,760	9,470	2,230

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	July 2018		January–July ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	3	1,050	44	15,600
Canada	124	12,500	697	129,000
Costa Rica	2	62	3	102
Mexico	152	50,000	1,230	382,000
Ecuador	2	404	133	45,200
Peru	--	--	218	75,700
Other ⁴	(5)	123	2	1,130
Total	283	64,200	2,320	649,000
Africa, Europe, Middle East:				
Austria	(5)	295	1	1,250
Belgium	2	910	8	4,450
Egypt	109	35,900	420	143,000
Germany	1	829	11	6,490
Greece	(5)	34	28	9,430
Italy	1	409	2	2,210
Kuwait	47	15,900	308	108,000
Netherlands	1	288	7	5,420
Saudi Arabia	--	--	44	14,900
Spain	(5)	45	1	184
Sweden	(5)	266	1	1,390
Turkey	367	125,000	2,040	664,000
United Arab Emirates	2	814	12	4,260
United Kingdom	(5)	80	2	1,060
Other ⁴	(5)	126	1	746
Total	530	181,000	2,880	967,000
Asia, Australia, Oceania:				
Bangladesh	109	36,100	477	168,000
China	22	14,000	482	251,000
Hong Kong	12	8,860	61	40,800
India	52	29,100	664	270,000
Indonesia	15	5,400	235	84,900
Japan	8	4,070	102	46,400
Korea, Republic of	89	30,700	384	134,000
Malaysia	53	20,800	237	97,800
Pakistan	25	12,500	266	125,000
Philippines	2	1,370	14	9,270
Singapore	(5)	212	1	711
Taiwan	127	47,300	1,110	399,000
Thailand	36	12,100	287	117,000
Vietnam	98	28,800	511	168,000
Other ⁴	(5)	3	(5)	229
Total	648	251,000	4,830	1,910,000
Grand total	1,460	496,000	10,000	3,530,000

-- 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 and localities with January–July 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	July 2018		January–July ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	49	3,780	252	25,700
Chicago, IL	(4)	69	2	1,220
Detroit, MI	10	3,140	113	31,800
Duluth, MN	1	394	48	4,400
Great Falls, MT	(4)	107	11	3,500
Ogdensburg, NY	3	816	23	5,640
Pembina, ND	6	1,400	141	42,400
Other	26	914	69	6,190
Total	95	10,600	659	121,000
East coast:				
Baltimore, MD	46	17,600	277	108,000
Boston, MA	125	43,200	591	200,000
Charleston, SC	7	4,130	68	37,500
Miami, FL	34	11,300	294	111,000
New York City, NY	219	83,600	1,510	573,000
Norfolk, VA	21	9,790	162	79,700
Philadelphia, PA	73	24,200	559	177,000
Portland, ME	3	631	56	16,200
Providence, RI	108	35,700	473	147,000
Savannah, GA	14	6,100	123	56,700
St. Albans, VT	25	1,660	54	9,080
Washington, DC	--	--	(4)	11
Wilmington, NC	--	--	1	797
Total	674	238,000	4,170	1,520,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
Dallas–Fort Worth, TX	(4)	23	(4)	31
El Paso, TX	10	3,540	79	25,800
Houston–Galveston, TX	19	8,740	221	83,200
Laredo, TX	56	18,900	600	185,000
Mobile, AL	(4)	363	3	1,880
New Orleans, LA	(4)	39	2	939
Nogales, AZ	(4)	48	1	407
San Juan, PR	18	5,710	114	34,800
Tampa, FL	2	1,170	154	59,800
Total	106	38,500	1,170	392,000
West coast and Hawaii:				
Anchorage, AK and Honolulu, HI	3	1,180	65	23,000
Columbia–Snake, OR	147	49,700	520	180,000
Los Angeles, CA	225	89,300	1,860	739,000
San Diego, CA	22	5,610	148	37,900
San Francisco, CA	147	47,000	951	339,000
Seattle, WA	43	16,500	490	181,000
Total	587	209,000	4,040	1,500,000
Grand total	1,460	496,000	10,000	3,530,000

-- 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	July 2018		January–July ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	452	150,000	3,110	1,020,000
No. 2 heavy melting steel	61	18,900	426	136,000
No. 1 bundles	1	298	17	5,190
No. 2 bundles	(4)	20	3	698
Shredded steel scrap	469	161,000	3,380	1,150,000
Borings, shovelings and turnings	1	175	5	1,240
Cut plate and structural	48	16,300	352	121,000
Tinned iron or steel	5	1,220	38	10,500
Remelting scrap ingots	(4)	106	2	1,790
Cast iron	49	23,600	476	202,000
Other iron and steel	239	73,600	1,490	510,000
Total carbon steel and cast iron	1,330	445,000	9,290	3,170,000
Stainless steel	95	31,300	448	190,000
Other alloy steel	41	20,400	299	171,000
Total stainless and alloy steel	136	51,700	747	361,000
Total carbon, stainless, alloy steel and cast iron	1,460	496,000	10,000	3,530,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	9	2	267
Used rails for rerolling and other uses	1	1,380	10	11,600
Total scrap exports	1,460	498,000	10,100	3,540,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	528	8	3,880
Pig iron > or = 0.5% phosphorus	--	--	1	80
Alloy pig iron	--	--	(4)	111
Total pig iron	1	528	9	4,070
Direct-reduced iron (DRI)	33	10,200	331	95,600
Spongy iron products, not DRI	43	19,600	276	129,000
Granules for abrasive cleaning and other uses	3	3,430	20	25,200
Powders of alloy steel	1	5,010	13	44,900
Other ferrous powders	7	9,760	57	73,400
Total DRI, granules, powders	88	48,000	696	368,000
Grand total	1,550	547,000	10,800	3,910,000

-- 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	July 2018		January–July ³	
	Quantity	Value	Quantity	Value
Bahamas, The	1	80	4	412
Brazil	(4)	440	2	2,650
Canada	310	111,000	1,990	693,000
Cayman Islands	(4)	44	1	211
China	(4)	75	2	791
France	27	10,100	27	10,100
Germany	1	280	7	1,930
Indonesia	--	--	4	1,240
Japan	1	479	4	2,170
Mexico	50	22,500	338	145,000
Netherlands	31	11,500	166	100,000
Russia	1	2,570	6	9,410
South Africa	--	--	41	5,900
Spain	25	9,180	47	17,000
Saint Kitts and Nevis	(4)	26	1	124
Sweden	(4)	11	120	45,400
Taiwan	(4)	115	1	652
Trinidad and Tobago	--	--	2	1,930
United Kingdom	46	18,600	200	76,700
Venezuela	--	--	3	391
Other ⁵	1	928	4	4,520
Total	495	188,000	2,970	1,120,000

-- 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 and localities with January–July 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	July 2018		January–July ³	
	Quantity	Value	Quantity	Value
Baltimore, MD	(4)	158	1	528
Buffalo, NY	43	23,500	327	164,000
Charleston, SC	32	11,600	177	61,900
Chicago, IL	(4)	33	10	2,030
Cleveland, OH	1	498	17	1,870
Columbia–Snake, OR	--	--	25	5,840
Detroit, MI	139	52,900	886	321,000
Duluth, MN	9	2,840	56	17,700
El Paso, TX	6	1,900	38	13,700
Great Falls, MT	1	342	13	3,460
Houston–Galveston, TX	2	3,490	11	15,600
Laredo, TX	29	13,800	196	85,800
Los Angeles, CA	(4)	357	1	1,580
Miami, FL	1	162	5	1,070
Mobile, AL	5	4,160	76	80,600
New Orleans, LA	98	38,000	425	152,000
New York City, NY	(4)	57	1	575
Nogales, AZ	3	899	14	4,650
Ogdensburg, NY	2	897	6	3,910
Pembina, ND	29	9,530	118	40,200
Philadelphia, PA	(4)	116	5	2,380
Portland, ME	(4)	54	1	651
San Diego, CA	6	1,370	54	15,600
Savannah, GA	(4)	107	1	894
Seattle, WA	86	21,000	496	119,000
St. Albans, VT	1	275	9	2,580
Wilmington, NC	(4)	10	1	316
Other	(4)	101	(4)	229
Total	495	188,000	2,970	1,120,000

-- 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	July 2018		January–July ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	27	8,040	126	36,700
No. 2 heavy melting steel	10	2,960	86	21,300
No. 1 bundles	180	69,500	794	295,000
No. 2 bundles	7	2,240	60	17,500
Shredded steel scrap	70	21,200	438	139,000
Borings, shovelings and turnings	6	1,650	48	12,300
Cut plate and structural	18	5,490	121	36,400
Tinned iron or steel	10	3,690	59	22,200
Remelting scrap ingots	(4)	155	(4)	884
Cast iron	11	3,860	107	29,300
Other iron and steel	71	19,800	486	130,000
Total carbon steel and cast iron	411	139,000	2,330	740,000
Stainless steel	27	31,300	228	246,000
Other alloy steel	57	18,300	417	133,000
Total stainless and alloy steel	84	49,600	644	379,000
Total carbon, stainless, alloy steel and cast iron	495	188,000	2,970	1,120,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(4)	3
Used rails for rerolling and other uses	1	743	291	3,200
Total scrap imports	496	189,000	3,260	1,120,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	--	--	--	--
Pig iron > or = 0.5% phosphorus	532	216,000	3,480	1,350,000
Alloy pig iron	--	--	1	780
Total pig iron	532	216,000	3,480	1,350,000
Direct-reduced iron (DRI)	318	90,200	2,390	585,000
Spongy iron products, not DRI	(4)	741	2	3,820
Granules for abrasive cleaning and other uses	3	3,240	19	20,500
Powders of alloy steel	5	8,720	39	67,000
Other ferrous powders	2	5,170	29	51,700
Total DRI, granules, powders	328	108,000	2,480	728,000
Grand total	1,360	513,000	9,230	3,200,000

-- 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:						
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
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

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:						
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
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

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

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