

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN OCTOBER 2017

On a daily average basis in October 2017, iron and steel scrap consumption decreased by 3% and home scrap production decreased by 8% compared with those of September (table 1). Purchased scrap receipts in October 2017 decreased by 7% from those of September. Stocks of purchased and home scrap at the end of October 2017 were down slightly from those at the end of September. These observations are based upon responses from about 21% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 32% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis in October 2017, pig iron production decreased by 12% and consumption decreased by 9% compared with those of September (table 1). Stocks of pig iron at the end of October 2017 increased by 12% from those at the end of September.

Exports of iron and steel scrap in October 2017 increased by 19% from those in September (table 6). Turkey was the leading destination, accounting for 19% of the total tonnage of exports, followed by Egypt with 13% and Mexico with 8%. Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 16% of the total, followed by New York City, NY, with 15%, and San Francisco, CA, with 8% (table 7).

Imports of iron and steel scrap for October 2017 increased by 5% from those in September (table 9). Canada was the leading

country of origin, accounting for 68% of the total tonnage of imports, followed by Mexico with 11% and the Netherlands with 8%. Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 33% of the total, followed by Seattle, WA, with 18%, and New Orleans, LA, with 12% (table 10).

The daily average domestic raw steel production for October 2017, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 221,000 metric tons, about the same as that in September 2017 and up by 10% from that in October 2016 (table 12). Raw steel production capability utilization (AISI data) was 73% in October 2017 and in September and up from 65% in October 2016 (table 12). The electric furnace portion of raw steel production for October 2017 was 71%, up from 68% in September and up from 69% in October 2016.

Continuous cast steel production accounted for 99.7% of total raw steel production in October and September 2017, and 99.6% in October 2016 (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)

	October 2017			January–October 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	1,430	1,710	3,140	14,800	17,200	31,900
Receipts from other own company plants	37	201	239	368	1,800	2,170
Production recirculating scrap	195	148	342	2,040	1,800	3,840
Production obsolete scrap	W	W	7	W	W	76
Consumption (by type of furnace):						
Blast furnace	W	W	119	W	W	1,230
Basic oxygen process	W	W	266	W	W	3,490
Electric furnace	1,220	1,830	3,050	12,200	18,000	30,200
Other (including air furnace) ⁶	W	W	220	W	W	2,030
Total consumption	1,600	2,050	3,660	16,700	20,200	36,900
Shipments	47	7	54	477	427	904
Stocks, end of period	1,880	2,280	4,160	1,880	2,280	4,160
Pig iron (includes hot metal):						
Receipts	447	123	570	3,860	873	4,730
Production	1,050	--	1,050	11,400	W	11,400
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	1,430	97	1,530	15,100	850	16,000
Shipments	--	--	--	W	--	W
Stocks, end of period	297	250	547	297	250	547
Direct-reduced iron:⁸						
Receipts	87	78	166	856	737	1,590
Total consumption	59	59	118	866	731	1,600
Stocks, end of period	148	74	222	148	74	222

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. October 2017 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	October 2017				January–October 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	414	W	434
Cut structural and plate	266	26	307	297	2,820	286	3,210
No. 1 heavy melting steel	241	43	315	192	2,510	418	3,080
No. 2 heavy melting steel	327	27	361	204	3,270	262	3,660
No. 1 and electric furnace bundles	154	W	164	172	1,760	W	1,790
No. 2 and all other bundles	52	W	53	35	593	W	626
Electric furnace 1 foot and under (not bundles)	--	W	W	--	W	W	W
Railroad rails	16	W	17	12	172	W	177
Turnings and borings	187	2	189	167	1,760	19	1,790
Slag scrap	36	66	70	108	391	659	725
Shredded and fragmented	959	W	1,040	1,730	9,560	W	10,300
No. 1 busheling	403	W	436	310	4,150	W	4,400
Steel cans (post consumer)	7	W	10	2	60	W	W
All other carbon steel scrap	191	62	253	397	1,940	1,060	2,700
Stainless steel scrap	74	31	115	56	741	276	1,110
Alloy steel scrap	27	16	43	177	272	162	431
Ingot mold and stool scrap	W	W	3	2	W	W	31
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	12	W	12	5	121	W	123
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	84	25	104	79	885	259	1,150
Other mixed scrap	52	W	104	75	493	W	1,040
Total	3,140	342	3,660	4,160	31,900	3,840	36,900

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	October 2017			January–October 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	298	51	364	3,160	502	3,740
North Central:						
Illinois and Indiana	371	33	420	3,780	330	4,250
Iowa, Minnesota, Nebraska, Wisconsin	229	16	245	2,300	161	2,490
Michigan	138	46	158	1,460	472	1,620
Ohio	409	82	489	4,230	1,250	5,260
Total	1,150	177	1,310	11,800	2,210	13,600
South Atlantic:						
Virginia, West Virginia	87	1	113	806	11	1,090
Georgia, North Carolina, South Carolina	284	14	276	2,700	172	2,800
Total	371	15	389	3,510	183	3,900
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	548	42	683	5,740	397	6,590
Arkansas, Louisiana, Oklahoma, Texas	577	39	651	5,870	389	6,550
Total	1,130	81	1,340	11,600	786	13,100
Mountain and Pacific:						
California, Colorado, Oregon, Utah, Washington	194	19	255	1,910	163	2,500
Grand total	3,140	342	3,660	31,900	3,840	36,900

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	October 2017					January–October 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	102	W	--	W	W
Cut structural and plate	27	83	29	107	W	339	843	289	1,150	W
No. 1 heavy melting steel	51	73	14	79	25	497	794	156	814	246
No. 2 heavy melting steel	6	92	34	163	W	61	925	335	1,640	W
No. 1 and electric furnace bundles	7	97	3	43	W	73	1,050	26	573	W
No. 2 and all other bundles	9	25	W	W	W	102	313	W	W	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	W	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	36	W
Turnings and borings	19	59	W	76	7	171	569	W	690	72
Slag scrap	5	27	W	W	W	49	281	W	W	W
Shredded and fragmentized	52	284	194	384	45	559	2,820	1,770	3,990	423
No. 1 busheling	41	146	W	181	2	423	1,510	W	1,840	23
Steel cans (post consumer)	W	W	W	--	--	W	W	W	--	--
All other carbon steel scrap	21	130	W	32	3	266	1,270	W	320	25
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	2	23	W	W	--	18	230	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
Other iron scrap	4	28	W	W	W	46	305	W	W	W
Other mixed scrap	W	19	W	6	W	W	224	W	42	W
Total	298	1,150	371	1,130	194	3,160	11,800	3,510	11,600	1,910

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	October 2017					January–October 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	103	W	--	W	W
Cut structural and plate	34	99	41	113	W	380	988	456	1,180	W
No. 1 heavy melting steel	54	109	19	106	26	537	1,120	184	989	258
No. 2 heavy melting steel	10	95	39	181	W	102	960	376	1,860	W
No. 1 and electric furnace bundles	7	94	3	57	W	72	1,040	27	620	W
No. 2 and all other bundles	9	24	2	W	W	103	316	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	--	--	--	W	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	39	W
Turnings and borings	19	61	W	74	7	183	586	W	679	72
Slag scrap	10	44	W	13	W	102	460	W	124	W
Shredded and fragmentized	56	296	186	461	45	557	3,040	1,820	4,420	423
No. 1 busheling	41	155	W	204	2	427	1,600	W	2,000	23
Steel cans (post consumer)	W	W	W	--	--	W	W	W	--	--
All other carbon steel scrap	33	162	W	47	3	390	1,720	118	450	27
Stainless steel scrap	53	23	W	W	--	527	208	--	W	--
Alloy steel scrap	9	25	W	W	--	90	254	--	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	17	--	W	--
Machinery and cupola cast iron	--	W	W	W	--	--	W	W	W	--
Cast iron borings	W	W	W	1	W	W	W	W	W	W
Motor blocks	--	W	--	--	--	--	W	--	--	--
Other iron scrap	5	40	W	W	W	57	455	W	W	W
Other mixed scrap	W	29	W	4	W	W	304	W	39	W
Total	364	1,310	389	1,340	255	3,740	13,600	3,900	13,100	2,500

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

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

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^{1,2}

(Thousand metric tons and thousand dollars)

Region and country	October 2017		January–October ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	104	15,000	768	170,000
Mexico	127	30,200	1,470	370,000
Ecuador	--	--	123	34,300
Peru	33	11,600	411	115,000
Other ⁴	(5)	143	2	839
Total	264	56,900	2,770	690,000
Africa, Europe, Middle East:				
Austria	--	--	2	1,110
Belgium	(5)	262	68	4,300
British Indian Ocean Territories	(5)	22	1	483
Egypt	199	66,300	328	98,600
Finland	--	--	1	380
Germany	1	596	26	3,530
Greece	31	8,710	152	43,700
Italy	35	11,900	73	22,600
Kuwait	(5)	4	268	74,400
Morocco	--	--	12	2,620
Netherlands	(5)	217	54	5,470
Oman	1	7	4	103
Portugal	--	--	7	1,170
Saudi Arabia	43	13,400	43	13,400
Spain	27	8,050	28	8,480
Sweden	(5)	120	1	1,140
Switzerland	(5)	3	1	221
Tunisia	12	4,410	12	4,410
Turkey	295	96,400	2,860	795,000
United Arab Emirates	2	847	16	5,260
United Kingdom	(5)	68	2	1,790
Other ⁴	1	178	1	770
Total	648	211,000	3,960	1,090,000
Asia, Australia, Oceania:				
Bangladesh	6	2,710	515	139,000
China	80	62,500	881	694,000
Hong Kong	5	4,010	55	38,900
India	56	22,800	613	219,000
Indonesia	40	12,900	117	38,100
Japan	3	1,710	22	17,700
Korea, Republic of	110	37,600	387	125,000
Malaysia	42	14,000	148	46,400
Pakistan	43	19,100	556	207,000
Philippines	1	756	4	3,270
Singapore	(5)	17	2	778
Taiwan	81	28,900	1,160	376,000
Thailand	107	33,200	434	121,000
Vietnam	55	16,000	507	146,000
Other ⁴	(5)	64	(5)	276
Total	628	256,000	5,400	2,170,000
Grand total	1,540	525,000	12,100	3,950,000

-- 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–October 2017 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	October 2017		January–October ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	13	4,340	160	43,500
Chicago, IL	(4)	26	2	912
Cleveland, OH	(4)	116	1	571
Detroit, MI	60	4,030	228	46,700
Duluth, MN	2	661	13	4,560
Great Falls, MT	1	296	15	4,110
Ogdensburg, NY	3	923	22	5,930
Pembina, ND	8	2,080	162	41,300
Other	6	954	79	7,970
Total	94	13,400	681	156,000
East coast:				
Baltimore, MD	45	16,000	202	85,000
Boston, MA	85	29,300	824	233,000
Charleston, SC	13	7,160	120	54,800
Miami, FL	41	14,200	292	102,000
New York City, NY	233	88,900	1,840	659,000
Norfolk, VA	34	16,400	182	107,000
Philadelphia, PA	125	38,900	740	196,000
Portland, ME	18	5,560	100	25,000
Providence, RI	85	28,000	532	147,000
Savannah, GA	20	8,350	226	73,400
St. Albans, VT	5	1,130	38	9,270
Washington, DC	--	--	(4)	42
Wilmington, NC	(4)	470	3	3,660
Total	704	254,000	5,100	1,700,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
Dallas–Fort Worth, TX	(4)	11	(4)	36
El Paso, TX	12	2,400	92	25,400
Houston–Galveston, TX	61	23,200	334	132,000
Laredo, TX	89	23,500	646	172,000
Mobile, AL	(4)	174	4	2,590
New Orleans, LA	69	22,600	107	36,000
Nogales, AZ	(4)	17	1	200
San Juan, PR	2	647	93	24,200
Tampa, FL	18	6,960	191	64,500
Virgin Islands, U.S.	--	--	7	1,170
Total	251	79,500	1,470	458,000
West coast and Hawaii:				
Anchorage, AK and Honolulu, HI	2	337	91	23,800
Columbia–Snake, OR	33	11,300	422	116,000
Los Angeles, CA	244	97,000	2,220	878,000
San Diego, CA	26	4,230	310	61,000
San Francisco, CA	129	41,900	1,250	368,000
Seattle, WA	57	22,400	585	195,000
Total	491	177,000	4,870	1,640,000
Grand total	1,540	525,000	12,100	3,950,000

-- 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	October 2017		January–October ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	432	133,000	3,560	962,000
No. 2 heavy melting steel	66	21,000	544	144,000
No. 1 bundles	19	5,170	176	19,200
No. 2 bundles	(4)	10	2	237
Shredded steel scrap	594	193,000	4,240	1,210,000
Borings, shovelings and turnings	1	119	7	1,360
Cut plate and structural	68	22,700	398	111,000
Tinned iron or steel	6	2,140	65	21,400
Remelting scrap ingots	(4)	54	3	1,790
Cast iron	64	30,200	447	198,000
Other iron and steel	155	62,100	1,710	627,000
Total carbon steel and cast iron	1,410	470,000	11,100	3,290,000
Stainless steel	74	24,100	399	373,000
Other alloy steel	61	30,600	594	284,000
Total stainless and alloy steel	135	54,700	993	656,000
Total carbon, stainless, alloy steel and cast iron	1,540	525,000	12,100	3,950,000
Ships, boats, and other vessels for breaking up (for scrapping)	3 (4)	304 93	4 1	480 2,260
Used rails for rerolling and other uses	1	786	5	7,320
Total scrap exports	1,540	526,000	12,100	3,960,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	277	26	10,000
Pig iron > or = 0.5% phosphorus	1	130	4	394
Alloy pig iron	(4)	50	3	261
Total pig iron	2	457	33	10,700
Direct-reduced iron (DRI)	27	7,970	614	149,000
Spongy iron products, not DRI	2	15,300	272	118,000
Granules for abrasive cleaning and other uses	2	3,720	25	43,100
Powders of alloy steel	1	4,360	18	50,900
Other ferrous powders	7	8,620	77	89,200
Total DRI, granules, powders	41	39,900	1,010	449,000
Grand total	1,590	566,000	13,200	4,420,000

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	October 2017		January–October ³	
	Quantity	Value	Quantity	Value
Bahamas	(4)	58	6	637
Brazil	1	1,790	4	5,580
Canada	262	84,300	2,690	815,000
Cayman Islands	(4)	27	1	287
China	(4)	71	3	1,190
Colombia	(4)	180	1	788
Curacao	(4)	4	1	160
Czechia	(4)	146	1	1,080
Ecuador	(4)	112	1	738
France	(4)	3	1	343
Germany	1	252	11	8,650
Japan	22	7,690	68	23,900
Mexico	43	18,600	326	145,000
Netherlands	30	9,650	184	51,400
Russia	1	1,100	1	1,360
Spain	--	--	16	4,910
Sweden	25	9,240	208	63,900
Taiwan	(4)	449	1	781
United Kingdom	--	--	433	131,000
Venezuela	--	--	19	2,740
Other ⁵	(4)	379	4	3,090
Total	388	134,000	3,980	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–October 2017 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	October 2017		January–October ³	
	Quantity	Value	Quantity	Value
Baltimore, MD	(4)	23	1	306
Buffalo, NY	40	18,400	472	204,000
Charleston, SC	27	9,010	314	87,400
Chicago	(4)	44	1	458
Cleveland, OH	(4)	64	34	1,570
Columbia–Snake, OR	3	554	3	554
Detroit, MI	126	44,700	1,260	415,000
Duluth, MN	6	1,570	77	19,600
El Paso, TX	5	1,990	46	16,400
Great Falls, MT	3	686	24	5,760
Houston–Galveston, TX	3	4,100	10	10,700
Laredo, TX	27	11,900	180	82,600
Los Angeles, CA	(4)	5	1	1,080
Miami, FL	1	85	7	1,150
Mobil, AL	4	2,220	253	98,700
New Orleans, LA	48	16,800	490	147,000
New York City, NY	--	--	1	818
Nogales, AZ	1	402	8	2,600
Ogdensburg, NY	2	1,340	11	6,560
Pembina, ND	10	2,760	75	21,500
Philadelphia, PA	(4)	82	2	615
Portland, ME	(4)	87	3	1,630
San Diego, CA	9	2,690	56	18,000
Savannah, GA	(4)	184	1	1,250
Seattle, WA	70	13,500	633	112,000
St. Albans, VT	3	706	20	4,560
Wilmington, NC	(4)	57	2	569
Other	(4)	42	1	458
Total	388	134,000	3,980	1,260,000

-- 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	October 2017		January–October ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	16	3,860	122	29,600
No. 2 heavy melting steel	10	2,240	96	21,200
No. 1 bundles	143	50,800	1,110	363,000
No. 2 bundles	7	2,000	47	11,200
Shredded steel scrap	35	6,720	804	203,000
Borings, shovelings and turnings	7	1,340	54	11,500
Cut plate and structural	13	3,470	164	41,400
Tinned iron or steel	6	2,190	82	23,000
Remelting scrap ingots	(4)	23	(4)	442
Cast iron	13	3,830	126	27,700
Other iron and steel	50	12,400	614	157,000
Total carbon steel and cast iron	301	88,900	3,220	890,000
Stainless steel	26	28,000	233	230,000
Other alloy steel	60	17,200	529	144,000
Total stainless and alloy steel	87	45,200	762	373,000
Total carbon, stainless, alloy steel and cast iron	388	134,000	3,980	1,260,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(4)	274
Used rails for rerolling and other uses	3	944	46	14,700
Total scrap imports	391	135,000	4,030	1,280,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	487	176,000	4,390	1,510,000
Pig iron > or = 0.5% phosphorus	--	--	30	9,650
Alloy pig iron	(4)	156	1	645
Total pig iron	487	176,000	4,420	1,520,000
Direct-reduced iron (DRI)	117	40,800	2,550	629,000
Spongy iron products, not DRI	(4)	371	2	3,840
Granules for abrasive cleaning and other uses	2	2,400	25	25,000
Powders of alloy steel	6	10,600	57	89,200
Other ferrous powders	4	6,940	40	65,900
Total DRI, granules, powders	129	61,100	2,680	813,000
Grand total	1,010	373,000	11,100	3,610,000

-- 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
2016:						
October	6,230	65,800	65.4	71.1	99.6	99.4
November	6,190	72,000	67.1	70.8	99.6	99.4
December	6,460	78,500	67.8	70.5	99.6	99.4
2017:						
January	6,980	6,980	73.3	73.3	99.6	99.6
February	6,420	13,400	75.9	75.2	99.6	99.6
March	6,890	20,300	73.6	74.6	99.6	99.6
April	6,690	27,000	73.6	74.6	99.6	99.6
May	6,900	33,900	73.7	74.3	99.6	99.6
June	6,790	40,700	74.9	74.4	99.6	99.6
July	6,960	47,600	74.3	74.4	99.7	99.6
August	7,100	54,700	75.8	74.6	99.7	99.6
September	6,650	61,400	73.4	74.4	99.7	99.6
October	6,850	68,200	73.2	74.3	99.7	99.6

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
2016:						
October	179.20	176.37	178.84	176.01	268.22	263.99
November	200.45	197.28	206.42	203.16	274.32	269.99
December	238.49	234.72	245.72	241.84	321.73	316.65
Average, January–December	198.98	195.84	201.99	198.80	271.33	267.04
2017:						
January	274.26	269.93	221.74	218.24	345.44	339.98
February	255.72	251.68	261.58	257.45	345.44	339.98
March	281.38	276.94	295.17	290.51	417.83	411.23
April	263.66	259.50	272.67	268.36	417.83	411.23
May	265.15	260.96	270.70	266.42	434.34	427.48
June	262.58	258.43	268.08	263.85	434.34	427.48
July	264.87	260.69	269.50	265.25	434.34	427.48
August	279.18	274.77	288.50	283.94	434.34	427.48
September	286.66	282.13	294.33	289.68	419.11	412.49
October	263.78	259.61	270.17	265.90	409.96	403.48

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

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