

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN OCTOBER 2018

Iron and steel scrap consumption decreased slightly and home (recirculating) scrap production was essentially unchanged in October 2018 compared with those of September 2018 (table 1). Purchased scrap receipts in October 2018 increased slightly compared with those in September 2018. Stocks of purchased and home scrap at the end of October 2018 increased by 4% compared with those at the end of September 2018 (table 1). These observations are based upon responses from about 21% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 30% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

Pig iron production in October 2018 increased by 3%, and pig iron consumption increased slightly from those of September 2018 (table 1).

Exports of iron and steel scrap in October 2018 increased by 17% from those in September 2018 (table 6). Canada and Turkey were the leading destinations, accounting for 14% each of the total tonnage of exports. Los Angeles, CA, and San Francisco, CA, were the leading U.S. Customs districts for tonnage of exports, accounting for 18% and 14%, respectively, of the total (table 7).

Imports of iron and steel scrap for October 2018 increased by 9% from those in September 2018 (table 9). Canada was the

leading country of origin, accounting for 70% of the total tonnage of imports. Detroit, MI, and Seattle, WA, were the leading U.S. Customs districts by tonnage of imports, accounting for 31% and 17%, respectively, of the total (table 10).

The daily average domestic raw steel production for October 2018, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 244,000 metric tons, a slight increase from that in September 2018 and up by 10% from that in October 2017 (table 12). Raw steel production capability utilization (AISI data) was 80.2% in October, up from 79.6% in September 2018 and 73.2% in October 2017 (table 12).

Continuous cast steel production accounted for 98.2% of total raw steel production in October 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)

	October 2018			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	1,530	1,890	3,420	14,800	18,800	33,600
Receipts from other own company plants	55	179	233	511	1,710	2,220
Production, recirculating scrap	205	153	358	2,050	1,520	3,570
Production, obsolete scrap	W	W	7	W	W	70
Consumption (by type of furnace):						
Blast furnace	W	W	124	W	W	1,290
Basic oxygen process	W	W	322	W	W	3,390
Electric furnace	1,210	1,930	3,140	12,300	19,800	32,100
Other (including air furnace) ⁶	W	W	215	W	W	1,780
Total consumption	1,650	2,150	3,800	16,900	21,700	38,600
Shipments	55	8	63	480	78	558
Stocks, end of period	1,840	2,660	4,500	1,840	2,660	4,500
Pig iron (includes hot metal):						
Receipts	363	78	441	3,910	885	4,790
Production	1,230	--	1,230	12,100	--	12,100
Consumption (by type of furnace):						
Basic oxygen process	W	W	W	W	W	W
Direct castings ⁷	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	1,610	83	1,690	15,900	879	16,800
Stocks, end of period	247	224	471	247	224	471
Direct-reduced iron:⁸						
Receipts	147	87	234	1,110	810	1,920
Total consumption	97	79	176	1,020	803	1,830
Stocks, end of period	230	102	332	230	102	332

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 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	October 2018				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	285	32	312	339	2,820	313	3,220
No. 1 heavy melting steel	288	46	310	228	2,580	419	3,070
No. 2 heavy melting steel	340	31	389	228	3,440	302	3,910
No. 1 and electric furnace bundles	174	W	168	167	1,730	W	1,760
No. 2 and all other bundles	70	W	71	36	657	W	689
Electric furnace 1 foot and under (not bundles)	--	W	W	--	--	W	W
Railroad rails	17	W	17	13	178	W	180
Turnings and borings	197	W	188	185	1,920	W	1,960
Slag scrap	37	68	63	87	338	678	677
Shredded and fragmented	1,080	W	1,130	1,890	10,600	W	11,400
No. 1 busheling	382	W	392	364	3,890	W	4,100
Steel cans (post consumer)	W	W	W	W	58	W	W
All other carbon steel scrap	209	75	285	402	2,080	721	2,880
Stainless steel scrap	77	28	106	71	749	280	1,110
Alloy steel scrap	27	16	44	173	276	164	438
Ingot mold and stool scrap	W	W	3	2	W	W	29
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	13	W	13	4	128	W	130
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	112	W	130	94	1,050	257	1,290
Other mixed scrap	65	W	118	81	665	W	1,140
Total	3,420	358	3,800	4,500	33,600	3,570	38,600

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

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

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 2018			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	318	48	373	3,140	469	3,700
North Central:						
Illinois and Indiana	437	34	483	4,260	358	4,820
Iowa, Minnesota, Nebraska, Wisconsin	233	17	252	2,360	182	2,570
Michigan	146	53	157	1,480	493	1,560
Ohio	431	93	494	4,280	902	5,250
Total	1,250	198	1,390	12,400	1,940	14,200
South Atlantic:						
Virginia, West Virginia	103	--	113	1,010	10	1,140
Georgia, North Carolina, South Carolina	265	16	279	2,570	176	2,820
Total	368	16	392	3,570	187	3,960
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	658	42	685	6,090	413	6,960
Arkansas, Louisiana, Texas	566	41	637	5,880	398	6,560
Total	1,220	84	1,320	12,000	812	13,500
Mountain and Pacific:						
California, Colorado, Oregon, Utah, Washington	262	17	328	2,590	165	3,190
Grand total	3,420	358	3,800	33,600	3,570	38,600

-- 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	October 2018					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	32	80	32	121	W	302	848	290	1,180	W
No. 1 heavy melting steel	48	97	13	104	27	474	852	130	850	265
No. 2 heavy melting steel	6	87	41	172	W	61	933	414	1,700	W
No. 1 and electric furnace bundles	6	102	W	57	W	63	1,000	W	572	W
No. 2 and all other bundles	9	41	W	13	W	97	361	W	128	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	--	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	36	W
Turnings and borings	20	59	26	85	7	189	604	252	800	71
Slag scrap	5	26	W	W	W	55	230	W	W	W
Shredded and fragmentized	60	319	182	421	94	548	3,180	1,730	4,250	920
No. 1 busheling	42	145	W	164	2	421	1,490	W	1,680	18
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	26	140	W	36	W	291	1,390	W	332	W
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	2	23	W	W	--	22	229	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	37	W	W	W	W	322	W	W	W
Other mixed scrap	W	30	W	5	W	W	322	W	44	W
Total	318	1,250	368	1,220	262	3,140	12,400	3,570	12,000	2,590

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 2018					January–October 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	103	W	--	W	W
Cut structural and plate	38	96	45	114	W	353	1,010	436	1,210	W
No. 1 heavy melting steel	48	119	17	99	28	470	1,160	175	990	277
No. 2 heavy melting steel	10	89	51	200	W	102	994	490	1,940	W
No. 1 and electric furnace bundles	6	100	W	52	W	63	1,020	W	585	W
No. 2 and all other bundles	9	40	W	W	W	98	357	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	--	--	--	W	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	36	W
Turnings and borings	21	58	26	76	7	201	626	269	793	71
Slag scrap	10	35	W	14	W	104	402	W	131	W
Shredded and fragmented	59	332	174	470	94	539	3,370	1,790	4,760	920
No. 1 busheling	42	156	W	164	2	425	1,590	W	1,770	18
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	39	184	8	51	3	422	1,840	73	512	28
Stainless steel scrap	54	W	--	W	--	541	W	W	W	--
Alloy steel scrap	10	25	W	W	--	98	253	W	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	16	--	W	--
Machinery and cupola cast iron	--	W	W	W	--	--	W	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Motor blocks	--	W	--	--	--	--	W	--	--	--
Other iron scrap	4	46	W	W	W	48	447	W	W	W
Other mixed scrap	W	32	W	3	W	W	335	W	45	W
Total	373	1,390	392	1,320	328	3,700	14,200	3,960	13,500	3,190

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	October 2018		January–October ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	1	348	87	30,700
Canada	221	20,600	1,150	179,000
Costa Rica	(4)	35	3	149
Mexico	117	35,300	1,590	491,000
Ecuador	(4)	18	134	45,300
Panama	(4)	252	1	545
Peru	30	9,260	313	106,000
Other ⁵	(4)	44	2	1,160
Total	370	65,900	3,280	854,000
Africa, Europe, Middle East:				
Austria	(4)	9	2	1,630
Belgium	3	1,430	21	9,910
Egypt	43	13,500	641	213,000
Finland	(4)	60	1	677
Germany	1	1,020	20	10,100
Greece	(4)	17	91	29,900
Italy	1	390	5	4,390
Kuwait	--	--	352	122,000
Liberia	--	--	1	801
Netherlands	2	1,160	11	8,130
Nigeria	--	--	1	192
Russia	(4)	464	1	1,060
Saudi Arabia	(4)	15	44	14,900
South Africa	(4)	122	1	231
Spain	(4)	200	1	417
Sweden	(4)	204	2	2,100
Turkey	230	68,100	2,920	933,000
United Arab Emirates	2	975	19	7,180
United Kingdom	(4)	50	2	1,260
Other ⁵	(4)	134	1	789
Total	284	87,800	4,140	1,360,000
Asia, Australia, Oceania:				
Bangladesh	101	33,000	714	244,000
China	9	8,470	523	278,000
Hong Kong	13	12,600	108	86,300
India	66	34,600	838	362,000
Indonesia	20	7,330	372	131,000
Japan	5	3,590	126	59,100
Korea, Republic of	145	50,100	735	256,000
Malaysia	93	37,100	375	158,000
Pakistan	34	16,400	353	168,000
Philippines	4	2,350	24	16,300
Singapore	(4)	98	1	962
Taiwan	196	71,000	1,620	587,000
Thailand	123	42,500	479	183,000
Vietnam	159	52,200	923	304,000
Other ⁵	--	--	1	348
Total	968	372,000	7,190	2,830,000
Grand total	1,620	525,000	14,600	5,050,000

-- 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–October 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	October 2018		January–October ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	15	3,600	379	36,000
Chicago, IL	(4)	262	2	1,530
Detroit, MI	73	6,540	218	47,400
Duluth, MN	(4)	121	49	4,980
Great Falls, MT	3	896	17	5,110
Ogdensburg, NY	3	788	33	8,160
Pembina, ND	18	5,220	175	51,900
Other	96	978	208	9,170
Total	208	18,400	1,080	164,000
East coast:				
Baltimore, MD	16	8,280	382	149,000
Boston, MA	56	18,800	806	271,000
Charleston, SC	14	7,650	95	53,000
Miami, FL	41	14,900	417	156,000
New York City, NY	195	74,800	2,210	833,000
Norfolk, VA	27	14,700	222	113,000
Philadelphia, PA	119	37,400	864	265,000
Portland, ME	7	1,330	83	23,500
Providence, RI	48	13,600	650	202,000
Savannah, GA	18	7,930	176	80,900
St. Albans, VT	5	1,400	70	13,000
Washington, DC	--	--	(4)	11
Wilmington, NC	(4)	398	2	1,280
Total	549	201,000	5,970	2,160,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
Dallas–Fort Worth, TX	--	--	(4)	44
El Paso, TX	8	2,680	109	35,500
Houston–Galveston, TX	17	9,710	389	150,000
Laredo, TX	52	16,500	776	239,000
Mobile, AL	1	702	5	3,630
New Orleans, LA	(4)	96	5	1,810
Nogales, AZ	(4)	30	2	587
San Juan, PR	15	4,480	158	48,200
Tampa, FL	30	10,400	227	85,900
Total	124	44,600	1,670	565,000
West coast and Hawaii:				
Anchorage, AK and Honolulu, HI	2	887	103	35,800
Columbia–Snake, OR	88	29,500	709	242,000
Los Angeles, CA	298	115,000	2,680	1,060,000
San Diego, CA	18	3,710	205	50,500
San Francisco, CA	225	75,900	1,430	505,000
Seattle, WA	110	36,200	753	272,000
Total	741	261,000	5,880	2,160,000
Grand total	1,620	525,000	14,600	5,050,000

-- 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 2018		January–October ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	438	137,000	4,500	1,460,000
No. 2 heavy melting steel	55	21,200	628	205,000
No. 1 bundles	2	469	22	6,800
No. 2 bundles	(4)	43	3	741
Shredded steel scrap	610	196,000	4,910	1,660,000
Borings, shovelings and turnings	1	406	8	2,090
Cut plate and structural	30	9,480	476	162,000
Tinned iron or steel	5	1,100	52	14,000
Remelting scrap ingots	(4)	106	3	2,100
Cast iron	66	38,800	664	303,000
Other iron and steel	204	68,400	2,120	720,000
Total carbon steel and cast iron	1,410	473,000	13,400	4,540,000
Stainless steel	86	28,000	686	270,000
Other alloy steel	126	23,900	535	245,000
Total stainless and alloy steel	212	51,900	1,220	516,000
Total carbon, stainless, alloy steel and cast iron	1,620	525,000	14,600	5,050,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	2	341
Used rails for rerolling and other uses	1	1,050	12	15,100
Total scrap exports	1,620	526,000	14,600	5,070,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	484	12	5,670
Pig iron > or = 0.5% phosphorus	--	--	1	93
Alloy pig iron	(4)	16	(4)	138
Total pig iron	1	500	13	5,900
Direct-reduced iron (DRI)	44	15,000	457	136,000
Spongy iron products, not DRI	54	19,100	397	178,000
Granules for abrasive cleaning and other uses	3	3,610	29	36,100
Powders of alloy steel	2	8,570	18	67,500
Other ferrous powders	8	10,800	81	105,000
Total DRI, granules, powders	111	57,100	982	523,000
Grand total	1,730	584,000	15,600	5,590,000

-- 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	October 2018		January–October ³	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	55	5	609
Brazil	(4)	152	2	2,860
Canada	317	96,900	2,950	995,000
Cayman Islands	(4)	19	1	288
China	(4)	78	4	1,560
Costa Rica	(4)	58	1	188
Czechia	(4)	100	1	1,010
Finland	--	--	3	3,430
France	--	--	27	10,100
Germany	5	213	15	2,690
India	(4)	135	2	618
Indonesia	--	--	4	1,240
Japan	(4)	248	5	2,750
Marshall Islands	--	--	1	277
Mexico	52	20,400	477	203,000
Netherlands	28	9,830	220	119,000
Russia	(4)	689	8	14,100
South Africa	--	--	41	5,900
Spain	(4)	10	47	17,000
Saint Kitts and Nevis	(4)	54	1	269
Sweden	--	--	157	59,400
Taiwan	(4)	140	1	1,140
Trinidad and Tobago	--	--	2	1,930
United Kingdom	47	18,200	258	98,700
Venezuela	--	--	3	727
Other ⁵	(4)	303	5	5,300
Total	453	148,000	4,240	1,550,000

-- 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 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	October 2018		January–October ³	
	Quantity	Value	Quantity	Value
Baltimore, MD	--	--	1	608
Buffalo, NY	46	20,800	466	232,000
Charleston, SC	29	10,000	275	95,200
Chicago, IL	(4)	45	16	2,570
Cleveland, OH	24	1,040	107	5,370
Columbia–Snake, OR	--	--	28	6,480
Detroit, MI	141	48,800	1,290	466,000
Duluth, MN	5	1,750	79	25,300
El Paso, TX	5	1,490	52	18,100
Great Falls, MT	1	379	17	4,500
Houston–Galveston, TX	1	1,170	15	22,100
Laredo, TX	31	11,800	281	122,000
Los Angeles, CA	(4)	131	1	2,240
Miami, FL	1	313	8	1,960
Mobile, AL	7	4,400	94	95,400
New Orleans, LA	52	18,200	515	184,000
New York City, NY	(4)	10	1	607
Nogales, AZ	3	1,000	23	7,440
Ogdensburg, NY	(4)	312	9	5,750
Pembina, ND	18	5,580	173	58,000
Philadelphia, PA	(4)	159	5	2,710
Portland, ME	(4)	68	1	881
San Diego, CA	7	1,700	71	19,700
Savannah, GA	(4)	5	2	1,080
Seattle, WA	79	18,100	700	165,000
St. Albans, VT	1	267	12	3,420
Wilmington, NC	(4)	53	1	402
Other	(4)	7	1	504
Total	453	148,000	4,240	1,550,000

-- 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 2018		January–October ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	22	6,180	183	52,700
No. 2 heavy melting steel	11	2,610	115	28,900
No. 1 bundles	139	52,500	1,120	420,000
No. 2 bundles	8	2,160	80	23,200
Shredded steel scrap	56	16,500	634	199,000
Borings, shovelings and turnings	8	1,760	72	17,900
Cut plate and structural	11	2,930	155	46,000
Tinned iron or steel	11	3,550	91	32,400
Remelting scrap ingots	(4)	121	1	1,360
Cast iron	34	4,000	232	42,000
Other iron and steel	73	17,900	679	181,000
Total carbon steel and cast iron	372	110,000	3,370	1,040,000
Stainless steel	20	17,700	299	319,000
Other alloy steel	61	19,600	579	186,000
Total stainless and alloy steel	81	37,300	878	505,000
Total carbon, stainless, alloy steel and cast iron	453	148,000	4,240	1,550,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	6	(4)	18
Used rails for rerolling and other uses	1	803	6	5,260
Total scrap imports	454	148,000	4,250	1,560,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	--	--	--	--
Pig iron > or = 0.5% phosphorus	391	156,000	4,730	1,850,000
Alloy pig iron	(4)	10	1	854
Total pig iron	391	156,000	4,730	1,860,000
Direct-reduced iron (DRI)	267	76,500	3,420	832,000
Spongy iron products, not DRI	(4)	841	3	5,850
Granules for abrasive cleaning and other uses	2	2,930	25	28,900
Powders of alloy steel	6	10,900	58	97,700
Other ferrous powders	5	8,740	41	74,300
Total DRI, granules, powders	281	100,000	3,550	1,040,000
Grand total	1,130	404,000	12,500	4,450,000

-- 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:						
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
September	7,260	64,200	79.6	77.5	98.2	98.2
October	7,560	71,700	80.2	77.8	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
September	304.21	299.41	NA	NA	NA	NA
October	311.01	306.09	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.