

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN FEBRUARY 2018

On a daily average basis in February 2018, iron and steel scrap consumption increased by 13% and home (recirculating) scrap production increased by 15% compared with those of January 2018 (table 1). Purchased scrap receipts in February 2018 increased by 15% compared to those of January 2018. Stocks of purchased and home scrap at the end of February 2018 were up slightly from those at the end of January 2018. These observations are based upon responses from about 20% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 29% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis in February 2018, pig iron production and consumption decreased slightly compared with those of January 2018 (table 1). Stocks of pig iron at the end of February 2018 increased by 22% from those at the end of January.

Exports of iron and steel scrap in February 2018 increased by 33% from those in January 2018 (table 6). Turkey was the leading destination, accounting for 22% of the total tonnage of exports, followed by Mexico, with 14%, and Taiwan, with 10%. Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 19% of the total, followed by Boston, MA, with 11%, and New York, NY, with 10% (table 7).

Imports of iron and steel scrap for February 2018 decreased by 10% from those in January 2018 (table 9). Canada was the

leading country of origin, accounting for 74% of the total tonnage of imports, followed by Mexico, with 16% and the Netherlands with 10%. Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 32% of the total, followed by Seattle, WA, with 22%, and Buffalo, NY, with 13% (table 10).

The daily average domestic raw steel production for February 2018, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 235,000 metric tons, up 6% from that in January 2018 and up 3% from that in February 2017 (table 12). Raw steel production capability utilization (AISI data) was 78% in February 2018, up from 74% in January 2018, and 76% in February 2017 (table 12). The electric furnace portion of raw steel production for February 2018 was 70%, up from 68% in January 2018 and up from 68% in February 2017.

Continuous cast steel production accounted for 98% of total raw steel production in February 2018, 98% in January 2018, and 99.6% in February 2017 (table 12).

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

(Thousand metric tons)

	February 2018			January–February 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	1,440	1,830	3,270	2,870	3,590	6,460
Receipts from other own company plants	51	186	237	97	385	482
Production, recirculating scrap	199	151	350	398	295	692
Production, obsolete scrap	W	W	7	W	W	14
Consumption (by type of furnace):						
Blast furnace	W	W	128	W	W	252
Basic oxygen process	W	W	306	W	W	627
Electric furnace	1,210	2,040	3,250	2,420	3,900	6,310
Other (including air furnace) ⁶	W	W	79	W	W	292
Total consumption	1,640	2,130	3,770	3,280	4,200	7,490
Shipments	45	7	52	93	16	108
Stocks, end of period	1,800	2,370	4,170	1,800	2,370	4,170
Pig iron (includes hot metal):						
Receipts	386	101	487	788	191	979
Production	1,100	--	1,100	2,330	--	2,330
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	1,420	87	1,510	3,030	166	3,190
Stocks, end of period	279	244	523	279	244	523
Direct-reduced iron:⁸						
Receipts	127	84	211	241	146	387
Total consumption	110	81	191	194	156	350
Stocks, end of period	212	85	297	212	85	297

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. February 2018 data are based on returns from 20% of consumer surveys, representing 29% 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	February 2018				January–February 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	83	W	87
Cut structural and plate	274	28	309	338	540	54	603
No. 1 heavy melting steel	251	40	307	192	503	84	607
No. 2 heavy melting steel	328	27	375	215	658	53	741
No. 1 and electric furnace bundles	172	W	170	190	342	W	340
No. 2 and all other bundles	56	W	66	26	114	W	128
Electric furnace 1 foot and under (not bundles)	--	W	W	--	W	W	W
Railroad rails	18	W	18	14	36	W	37
Turnings and borings	184	2	188	160	361	W	376
Slag scrap	35	64	69	86	70	133	141
Shredded and fragmented	1,030	W	1,120	1,700	1,990	W	2,210
No. 1 busheling	393	23	404	339	764	W	796
Steel cans (post consumer)	6	W	9	3	13	W	18
All other carbon steel scrap	197	73	276	384	406	144	565
Stainless steel scrap	73	27	110	54	148	55	222
Alloy steel scrap	28	16	45	173	57	33	89
Ingot mold and stool scrap	W	W	3	2	W	W	6
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	12	W	13	4	25	W	25
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	101	27	126	81	203	48	248
Other mixed scrap	68	W	108	80	138	W	230
Total	3,270	350	3,770	4,170	6,460	692	7,490

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	February 2018			January–February 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	325	47	357	637	93	716
North Central:						
Illinois and Indiana	403	35	466	801	71	929
Iowa, Minnesota, Nebraska, Wisconsin	235	18	259	475	37	517
Michigan	147	45	155	306	94	318
Ohio	411	88	520	846	177	1,030
Total	1,200	187	1,400	2,430	378	2,800
South Atlantic:						
Virginia, West Virginia	85	--	110	165	--	223
Georgia, North Carolina, South Carolina	252	13	274	479	27	546
Total	337	13	384	644	27	770
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	572	44	658	1,120	82	1,290
Arkansas, Louisiana, Oklahoma, Texas	578	39	650	1,110	78	1,270
Total	1,150	84	1,310	2,230	160	2,560
Mountain and Pacific:						
California, Colorado, Oregon, Utah, Washington	262	19	316	523	35	646
Grand total	3,270	350	3,770	6,460	692	7,490

-- 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	February 2018					January–February 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	20	W	--	W	W
Cut structural and plate	26	85	28	114	W	50	171	55	224	W
No. 1 heavy melting steel	45	81	14	83	27	90	169	28	162	54
No. 2 heavy melting steel	6	92	32	164	W	12	185	66	327	W
No. 1 and electric furnace bundles	6	97	2	63	W	W	199	W	120	W
No. 2 and all other bundles	9	31	W	W	W	20	63	W	W	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	--	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	7	W
Turnings and borings	21	57	W	76	7	41	111	W	147	14
Slag scrap	6	23	W	W	W	12	48	W	W	W
Shredded and fragmentized	73	302	167	392	94	126	615	306	754	188
No. 1 busheling	42	154	W	167	2	84	307	58	311	4
Steel cans (post consumer)	W	W	W	--	--	W	W	--	--	--
All other carbon steel scrap	27	130	W	31	3	59	268	W	62	15
Stainless steel scrap	W	W	--	W	--	W	24	--	W	--
Alloy steel scrap	2	24	W	W	--	4	47	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	28	W	W	W	W	57	W	W	W
Other mixed scrap	W	32	W	5	W	W	68	W	9	W
Total	325	1,200	337	1,150	262	637	2,430	644	2,230	523

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	February 2018					January–February 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	21	W	--	W	W
Cut structural and plate	30	100	40	119	W	55	199	82	227	W
No. 1 heavy melting steel	46	118	19	95	28	91	232	36	191	56
No. 2 heavy melting steel	10	97	39	191	W	20	195	77	372	W
No. 1 and electric furnace bundles	6	101	2	57	W	W	206	W	111	W
No. 2 and all other bundles	9	33	W	W	W	20	62	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	--	--	--	W	--	--	--
Railroad rails	W	W	--	4	W	W	W	--	7	W
Turnings and borings	21	60	W	74	7	41	122	W	150	14
Slag scrap	10	42	W	13	W	20	87	W	25	W
Shredded and fragmented	50	332	177	464	94	101	654	362	905	188
No. 1 busheling	41	164	W	165	2	84	328	W	318	4
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	40	172	12	49	3	86	353	25	97	6
Stainless steel scrap	54	20	--	W	--	W	41	--	W	--
Alloy steel scrap	10	26	W	W	--	20	52	--	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	3	--	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	42	W	W	W	10	79	W	W	W
Other mixed scrap	W	36	W	5	W	W	70	W	10	W
Total	357	1,400	384	1,310	316	716	2,800	770	2,560	646

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	February 2018		January–February ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	66	16,200	133	32,400
Mexico	215	68,100	342	103,000
Ecuador	33	12,100	33	12,100
Peru	33	10,900	33	10,900
Other ⁴	(5)	181	1	288
Total	348	107,000	543	159,000
Africa, Europe, Middle East:				
Belgium	1	796	2	1,130
Egypt	30	9,940	70	22,200
Germany	1	813	2	1,050
Kuwait	72	25,200	89	31,400
Netherlands	2	1,150	2	1,630
Turkey	325	110,000	633	202,000
United Arab Emirates	2	787	3	1,310
United Kingdom	(5)	396	1	578
Other ⁴	1	548	1	1,010
Total	435	150,000	803	263,000
Asia, Australia, Oceania:				
Bangladesh	33	11,900	69	22,900
China	99	55,300	226	116,000
Hong Kong	6	4,230	11	7,380
India	48	22,400	126	40,900
Indonesia	24	9,060	42	15,200
Japan	35	14,400	36	15,100
Korea, Republic of	12	4,810	88	29,400
Malaysia	67	25,800	78	30,000
Pakistan	45	18,800	84	35,800
Philippines	2	1,360	4	2,690
Taiwan	155	53,300	284	99,400
Thailand	78	30,600	81	32,600
Vietnam	112	38,600	146	49,900
Other ⁴	(5)	46	(5)	99
Total	716	290,000	1,280	498,000
Grand total	1,500	548,000	2,620	919,000

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–February 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	February 2018		January–February ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	11	2,760	21	5,360
Detroit, MI	13	2,890	31	7,180
Duluth, MN	3	957	3	1,230
Great Falls, MT	1	248	2	449
Ogdensburg, NY	2	363	4	897
Pembina, ND	25	7,110	48	13,500
Other	4	715	11	1,730
Total	58	15,000	120	30,300
East coast:				
Baltimore, MD	13	5,700	55	21,800
Boston, MA	163	55,300	235	76,200
Charleston, SC	13	6,610	26	13,800
Miami, FL	46	17,900	92	34,400
New York City, NY	155	57,500	308	115,000
Norfolk, VA	10	8,430	21	15,100
Philadelphia, PA	50	17,500	146	40,900
Portland, ME	4	510	21	6,100
Providence, RI	83	28,300	83	28,300
Savannah, GA	30	12,200	43	18,300
St. Albans, VT	4	1,070	8	2,000
Washington, DC	(4)	11	(4)	11
Wilmington, NC	(4)	277	(4)	330
Total	572	211,000	1,040	373,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	7	2,220	14	3,650
Houston–Galveston, TX	96	38,000	149	44,100
Laredo, TX	85	25,100	162	47,300
Mobile, AL	(4)	137	1	257
San Juan, PR	15	5,050	39	12,100
Tampa, FL	51	19,000	77	28,600
Other	(4)	157	1	323
Total	255	89,700	443	136,000
West coast and Hawaii:				
Anchorage, AK and Honolulu, HI	25	9,000	26	9,490
Columbia–Snake, OR	109	38,200	174	59,100
Los Angeles, CA	281	113,000	423	173,000
San Diego, CA	18	4,060	30	7,030
San Francisco, CA	137	50,100	205	74,400
Seattle, WA	45	17,500	161	57,300
Total	613	232,000	1,020	380,000
Grand total	1,500	548,000	2,620	919,000

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	February 2018		January–February ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	489	163,000	857	274,000
No. 2 heavy melting steel	56	17,500	100	30,500
No. 1 bundles	3	978	6	1,850
No. 2 bundles	1	186	1	186
Shredded steel scrap	571	198,000	932	312,000
Borings, shovelings and turnings	1	101	1	180
Cut plate and structural	62	21,600	103	35,200
Tinned iron or steel	4	1,320	8	2,540
Remelting scrap ingots	(4)	201	(4)	318
Cast iron	63	29,500	160	54,900
Other iron and steel	178	64,800	318	114,000
Total carbon steel and cast iron	1,430	497,000	2,490	826,000
Stainless steel	30	24,400	54	44,900
Other alloy steel	41	26,000	80	48,500
Total stainless and alloy steel	71	50,400	134	93,400
Total carbon, stainless, alloy steel and cast iron	1,500	548,000	2,620	919,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(4)	44
Used rails for rerolling and other uses	2	2,330	3	2,630
Total scrap exports	1,500	550,000	2,620	922,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	381	2	950
Pig iron > or = 0.5% phosphorus	(4)	21	(4)	21
Alloy pig iron	--	--	(4)	7
Total pig iron	1	402	2	978
Direct-reduced iron (DRI)	26	7,920	106	31,100
Spongy iron products, not DRI	11	11,000	56	31,200
Granules for abrasive cleaning and other uses	3	4,040	5	7,100
Powders of alloy steel	2	6,410	4	13,000
Other ferrous powders	7	8,870	13	17,400
Total DRI, granules, powders	48	38,200	185	99,800
Grand total	1,550	589,000	2,810	1,020,000

-- 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	February 2018		January–February ³	
	Quantity	Value	Quantity	Value
Bahamas	(4)	33	1	74
Brazil	(4)	13	1	299
Canada	242	83,600	484	161,000
Germany	1	201	1	350
Japan	(4)	99	1	393
Mexico	51	20,300	96	36,800
Netherlands	33	19,800	44	33,900
Russia	(4)	826	2	2,190
Sweden	(4)	9	27	9,400
United Kingdom	(4)	27	39	13,700
Other ⁵	1	1,700	2	2,290
Total	329	127,000	697	260,000

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–February 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	February 2018		January–February ³	
	Quantity	Value	Quantity	Value
Baltimore, MD	--	--	1	236
Buffalo, NY	43	21,100	77	36,700
Charleston, SC	27	8,330	27	8,400
Chicago, IL	(4)	59	5	755
Columbia–Snake, OR	4	769	7	1,650
Detroit, MI	104	37,400	224	78,500
Duluth, MN	4	1,130	8	2,280
El Paso, TX	5	1,550	9	2,980
Great Falls, MT	2	502	4	1,190
Houston–Galveston, TX	1	2,180	3	4,040
Laredo, TX	32	12,600	59	23,000
Miami, FL	(4)	119	1	239
Mobil, AL	13	15,100	26	31,000
New Orleans, LA	(4)	89	67	23,200
Nogales, AZ	1	587	2	806
Ogdensburg, NY	(4)	406	1	908
Pembina, ND	12	3,940	21	6,780
Portland, ME	(4)	163	1	352
San Diego, CA	8	2,010	18	4,600
Seattle, WA	73	17,800	134	30,800
St. Albans, VT	1	357	3	817
Other	(4)	315	1	782
Total	329	127,000	697	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	February 2018		January–February ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	24	6,580	36	9,920
No. 2 heavy melting steel	13	2,810	25	5,270
No. 1 bundles	78	27,100	206	72,100
No. 2 bundles	6	1,680	12	3,150
Shredded steel scrap	35	10,100	65	16,000
Borings, shovelings and turnings	9	2,200	15	3,730
Cut plate and structural	13	3,760	26	7,110
Tinned iron or steel	6	2,170	14	5,080
Remelting scrap ingots	(4)	97	(4)	97
Cast iron	11	3,320	29	8,040
Other iron and steel	52	14,200	103	28,000
Total carbon steel and cast iron	247	74,000	529	159,000
Stainless steel	38	39,600	75	75,000
Other alloy steel	44	12,900	92	26,400
Total stainless and alloy steel	82	52,500	167	101,000
Total carbon, stainless, alloy steel and cast iron	329	127,000	697	260,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	(4)	330	40	1,130
Total scrap imports	330	127,000	737	261,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	407	153,000	898	325,000
Pig iron > or = 0.5% phosphorus	--	--	--	--
Alloy pig iron	(4)	99	(4)	170
Total pig iron	407	153,000	898	325,000
Direct-reduced iron (DRI)	66	23,000	573	136,000
Spongy iron products, not DRI	(4)	364	(4)	722
Granules for abrasive cleaning and other uses	2	2,480	5	4,750
Powders of alloy steel	5	8,850	11	18,000
Other ferrous powders	4	7,190	9	15,200
Total DRI, granules, powders	78	41,900	599	175,000
Grand total	815	322,000	2,230	761,000

-- 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:						
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
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

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:						
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
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

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

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