

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN MAY 2016

On a daily average basis in May 2016, iron and steel scrap consumption decreased slightly, purchased scrap increased slightly, and home scrap production decreased by 10% compared with those of April. Stocks of purchased and home scrap at the end of May were down slightly from those at the end of April. 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 30% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production and consumption in May 2016 increased slightly compared with those of April. Stocks of pig iron at the end of May increased by 6% from those at the end of April.

Exports of iron and steel scrap in May 2016 increased by 36% from those in April. Turkey was the leading country of destination, accounting for 40% of the total tonnage of exports, followed by Taiwan with 12% and Mexico with 10% (table 6). New York, NY, was the leading U.S. Customs district for tonnage of exports, accounting for 15% of the total, followed by Los Angeles and San Francisco, CA, with 13% each (table 7).

Imports of iron and steel scrap for May 2016 increased by 33% from those in April. Canada was the leading country of origin, accounting for 63% of the total tonnage of imports,

followed by the United Kingdom with 13% and Sweden and the Netherlands with 7% each (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 32% of the total, followed by New Orleans, LA, with 19% and Seattle, WA, with 15% (table 10).

The daily average domestic raw steel production for May 2016, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 225,000 metric tons, up slightly from that in April 2016 and May 2015 (table 12). Raw steel production capability utilization (AISI data) was 74% in May 2016, up from 73% in April, and up from 72% May 2015 (table 12). The electric furnace portion of raw steel production for May 2016 was 68%, the same as that in April and up from 63% in May 2015.

Continuous cast steel production in May 2016 accounted for nearly 99.6% of total raw steel production, up from 99.2% in April and May 2015.

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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)

	May 2016			January–May ³		
	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,630	1,780	3,410	7,810	8,780	16,600
Receipts from other own company plants	47	155	202	219	754	973
Production recirculating scrap	224	154	378	1,220	775	1,990
Production obsolete scrap	W	W	20	W	W	56
Consumption (by type of furnace):						
Blast furnace	W	W	156	W	W	828
Basic oxygen process	W	W	405	W	W	1,940
Electric furnace	1,300	1,860	3,160	6,450	9,170	15,600
Other (including air furnace) ⁵	W	W	216	W	W	1,100
Total consumption	1,880	2,080	3,950	9,210	10,300	19,500
Shipments	50	9	59	261	36	297
Stocks, end of period	1,850	1,870	3,720	1,850	1,870	3,720
Pig iron (includes hot metal):						
Receipts	211	68	279	1,080	340	1,420
Production	1,560	--	1,560	7,710	--	7,710
Consumption (by type of furnace):						
Basic oxygen process	W	W	1,680	W	W	8,340
Direct castings ⁶	W	W	125	W	W	876
Electric furnace	W	W	42	W	W	105
Total consumption	1,800	73	1,870	8,950	369	9,320
Shipments	W	--	W	W	--	W
Stocks, end of period	223	220	443	223	220	443
Direct-reduced iron:⁷						
Receipts	116	45	161	480	253	733
Total consumption	338	48	386	1,820	233	2,050
Stocks, end of period	211	39	250	211	39	250

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. May 2016 data are based on returns from 20% 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	May 2016			January–May ³			
	Receipts of scrap from brokers, 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	51	W	53	W	257	W	267
Cut structural and plate	306	21	331	252	1,460	105	1,620
No. 1 heavy melting steel	316	45	378	229	1,570	243	1,900
No. 2 heavy melting steel	379	27	411	226	1,910	141	2,090
No. 1 and electric furnace bundles	177	W	176	182	8,000	W	810
No. 2 and all other bundles	70	--	70	33	345	--	354
Electric furnace 1 foot and under (not bundles)	W	W	W	W	3	W	W
Railroad rails	15	W	16	7	75	W	78
Turnings and borings	180	4	183	140	927	21	945
Slag scrap	43	66	68	114	212	330	353
Shredded and fragmented	985	W	1,070	1,310	4,630	W	5,120
No. 1 busheling	398	6	438	317	2,000	80	2,160
Steel cans (post consumer)	7	--	7	W	37	--	36
All other carbon steel scrap	206	76	310	302	1,010	421	1,520
Stainless steel scrap	76	27	114	66	377	128	560
Alloy steel scrap	26	19	46	182	130	97	230
Ingot mold and stool scrap	W	W	9	3	W	W	45
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	13	W	13	3	66	W	67
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	108	26	134	114	545	130	684
Other mixed scrap	49	34	123	103	213	154	604
Total	3,410	378	3,950	3,720	16,600	1,990	19,500

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.

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	May 2016			January–May 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	386	62	445	1,900	297	2,250
North Central:						
Illinois and Indiana	410	30	462	1,990	148	2,220
Iowa, Minnesota, Nebraska, Wisconsin	204	21	228	1,030	116	1,170
Michigan	144	82	197	661	405	950
Ohio	450	71	551	2,190	424	2,790
Total	1,210	204	1,440	5,870	1,090	7,120
South Atlantic:						
Virginia, West Virginia	58	7	105	335	34	542
Georgia, North Carolina, South Carolina	278	16	293	1,340	81	1,410
Total	335	23	398	1,670	115	1,950
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	667	27	705	3,160	183	3,470
Arkansas, Louisiana, Oklahoma, Texas	563	45	662	2,740	223	3,170
Total	1,230	72	1,370	5,890	406	6,640
Mountain and Pacific:						
California, Colorado, Oregon, Utah, Washington	250	17	305	1,250	84	1,530
Grand total	3,410	378	3,950	16,600	1,990	19,500

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	May 2016				January–May ⁵			
	Mid-Atlantic and New England		Mountain and Pacific		Mid-Atlantic and New England		Mountain and Pacific	
	North Central	South Atlantic	South Central	Mountain and Pacific	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:								
Low-phosphorus plate and punchings	15	W	--	W	77	W	W	W
Cut structural and plate	41	98	31	116	209	462	133	561
No. 1 heavy melting steel	70	81	16	124	347	398	82	617
No. 2 heavy melting steel	11	110	38	184	57	553	207	925
No. 1 and electric furnace bundles	7	106	5	58	38	533	22	193
No. 2 and all other bundles	11	41	W	W	54	198	W	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	W	--	W
Railroad rails	W	W	W	3	W	W	W	14
Turnings and borings	26	59	25	64	127	300	127	339
Slag scrap	6	18	2	W	32	87	9	78
Shredded and fragmentized	65	269	164	404	315	1,260	790	1,850
No. 1 busheling	47	153	29	167	230	761	159	835
Steel cans (post consumer)	W	W	W	--	W	W	W	--
All other carbon steel scrap	33	129	3	38	162	623	W	198
Stainless steel scrap	W	W	--	W	W	73	--	W
Alloy steel scrap	1	22	W	W	6	112	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	1	W	W	W	5
Other iron scrap	5	31	W	7	26	154	W	36
Other mixed scrap	W	24	W	4	W	83	W	18
Total	386	1,210	335	1,230	1,900	5,870	1,670	5,890

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	May 2016						January–May ⁴							
	Mid-Atlantic and New England			Mountain and Pacific			Mid-Atlantic and New England			Mountain and Pacific				
	North Central	South Atlantic	South Central	North Central	South Atlantic	South Central	North Central	South Atlantic	South Central	North Central	South Atlantic	South Central		
Carbon steel:														
Low-phosphorus plate and punchings	15	W	W	W	W	W	76	W	W	W	W	W	W	W
Cut structural and plate	42	101	47	121	121	W	212	513	226	572	572	572	572	W
No. 1 heavy melting steel	76	109	20	147	147	27	388	541	100	734	734	734	734	133
No. 2 heavy melting steel	16	114	45	197	197	W	78	586	236	998	998	998	998	W
No. 1 and electric furnace bundles	7	118	5	45	45	W	39	560	22	173	173	173	173	W
No. 2 and all other bundles	11	41	2	15	15	W	52	202	W	W	W	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	W	--	--	W	--	W	W	W	W	--
Railroad rails	25	W	--	3	3	W	W	W	--	14	14	14	14	W
Turnings and borings	25	62	26	63	63	7	133	310	131	337	337	337	337	34
Slag scrap	10	26	2	27	27	W	52	154	11	126	126	126	126	W
Shredded and fragmented	63	293	187	441	441	82	325	1,420	892	2,080	2,080	2,080	2,080	411
No. 1 busheling	45	164	32	194	194	2	230	814	157	951	951	951	951	11
Steel cans (post consumer)	W	W	W	--	--	--	W	W	W	--	--	--	--	--
All other carbon steel scrap	55	195	6	51	51	3	268	948	32	259	259	259	259	14
Stainless steel scrap	53	23	--	W	W	--	263	115	--	W	W	W	W	--
Alloy steel scrap	10	28	--	W	W	--	49	138	--	W	W	W	W	--
Ingot mold and stool scrap	W	W	--	W	W	--	W	W	W	W	W	W	W	--
Machinery and cupola cast iron	W	W	W	W	W	W	--	W	W	W	W	W	W	--
Cast iron borings	W	W	W	1	1	W	W	W	W	W	W	W	W	5
Motor blocks	--	W	--	--	--	--	--	W	--	--	--	--	--	--
Other iron scrap	6	44	W	7	7	W	32	225	W	41	41	41	41	W
Other mixed scrap	W	56	W	4	4	W	W	266	W	18	18	18	18	W
Total	445	1,440	398	1,370	1,370	305	2,250	7,120	1,950	6,640	6,640	6,640	6,640	1,530

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	May 2016		January–May ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	103	13,800	313	45,900
Ecuador	1	69	2	135
Mexico	125	34,900	437	98,800
Peru	27	5,950	155	29,500
Other ⁴	(5)	153	1	1,250
Total	256	54,800	908	176,000
Africa, Europe, Middle East:				
Belgium	1	269	2	2,040
Egypt	--	--	48	9,330
France	(5)	211	1	788
Germany	(5)	84	2	1,830
Greece	(5)	10	86	16,800
Italy	(5)	34	1	723
Kuwait	42	11,200	89	19,700
Netherlands	1	813	4	3,610
Sweden	(5)	251	2	2,520
Turkey	519	132,000	1,400	301,000
United Arab Emirates	1	670	8	2,790
Other ⁴	2	323	5	1,240
Total	566	146,000	1,640	362,000
Asia, Australia, Oceania:				
Bangladesh	9	2,510	89	19,500
China	54	49,300	219	205,000
Hong Kong	5	3,470	17	12,500
India	114	36,400	620	170,000
Indonesia	28	7,060	31	8,290
Japan	2	2,050	9	11,700
Korea, Republic of	13	5,880	351	83,700
Malaysia	4	1,640	14	5,010
Pakistan	33	13,900	205	69,500
Taiwan	157	44,900	509	138,000
Thailand	37	8,860	170	34,100
Vietnam	12	3,060	36	7,660
Other ⁴	(5)	8	1	419
Total	468	179,000	2,270	767,000
Grand total	1,290	380,000	4,820	1,300,000

-- 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–May 2016 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	May 2016		January–May ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	30	3,320	85	13,100
Detroit, MI	36	3,170	81	14,500
Duluth, MN	3	993	3	1,630
Great Falls, MT	(4)	91	2	429
Ogdensburg, NY	1	275	3	859
Pembina, ND	16	4,030	33	6,860
Other	7	1,080	29	4,630
Total	93	13,000	235	41,900
East coast:				
Baltimore, MD	59	18,300	126	40,400
Boston, MA	103	28,300	332	76,300
Charleston, SC	8	5,030	29	16,300
Charlotte, NC	1	695	2	2,110
Miami, FL	22	8,010	110	35,500
New York City, NY	192	58,100	750	201,000
Norfolk, VA	30	12,500	73	41,100
Philadelphia, PA	103	27,600	394	83,400
Portland, ME	7	1,350	44	7,600
Providence, RI	68	16,800	194	40,700
Savannah, GA	11	7,640	46	30,500
St. Albans, VT	2	458	53	1,860
Washington, DC	--	--	(4)	25
Total	606	185,000	2,150	577,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	6	1,470	17	3,860
Houston–Galveston, TX	22	9,270	108	42,300
Laredo, TX	58	16,500	174	42,700
Mobile, AL	(4)	316	51	12,300
New Orleans, LA	1	494	6	3,070
San Juan, PR	11	3,240	56	13,300
Tampa, FL	37	9,150	82	21,600
Other	(4)	9	(4)	17
Total	135	40,500	493	139,000
West coast and Hawaii:				
Columbia–Snake, OR	28	6,080	158	32,200
Honolulu, HI, and Anchorage, AK	22	5,080	49	9,710
Los Angeles, CA	172	63,900	847	291,000
San Diego, CA	25	5,640	79	15,700
San Francisco, CA	164	45,500	599	140,000
Seattle, WA	45	15,400	205	58,700
Total	455	142,000	1,940	546,000
Grand total	1,290	380,000	4,820	1,300,000

-- 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	May 2016		January–May ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	359	94,500	1,440	312,000
No. 2 heavy melting steel	58	15,000	211	45,400
No. 1 bundles	4	1,360	65	14,000
No. 2 bundles	4	829	5	1,170
Shredded steel scrap	443	114,000	1,600	348,000
Borings, shovelings and turnings	1	183	2	531
Cut plate and structural	65	17,800	211	58,800
Tinned iron or steel	5	1,540	17	5,380
Remelting scrap ingots	(4)	286	5	4,520
Cast iron	11	4,840	42	18,900
Other iron and steel	198	61,900	662	202,000
Total carbon steel and cast iron	1,150	312,000	4,260	1,010,000
Stainless steel	92	39,000	326	181,000
Other alloy steel	49	28,600	232	112,000
Total stainless and alloy steel	141	67,500	558	293,000
Total carbon, stainless, alloy steel and cast iron	1,290	380,000	4,820	1,300,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	44	2	329
Used rails for rerolling and other uses	1	1,240	7	8,220
Total scrap exports	1,290	381,000	4,830	1,310,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(4)	187	2	594
Pig iron > or = 0.5% phosphorus	(4)	69	1	174
Alloy pig iron	--	--	20	25
Total pig iron	1	256	23	793
Direct-reduced iron (DRI)	53	95	82	256
Spongy iron products, not DRI	(4)	215	(4)	689
Granules for abrasive cleaning and other uses	2	2,980	11	15,800
Powders of alloy steel	2	5,710	11	27,500
Other ferrous powders	9	9,010	43	45,200
Total DRI, granules, powders	66	18,000	148	89,400
Grand total	1,360	399,000	5,000	1,400,000

-- 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^{1, 2}

(Thousand metric tons and thousand dollars)

Country	May 2016		January–May ³	
	Quantity	Value	Quantity	Value
Canada	281	70,600	1,150	250,000
China	1	198	1	381
Germany	25	5,750	26	5,880
India	--	--	1	208
Japan	(4)	22	1	362
Mexico	24	8,500	96	34,700
Netherlands	29	6,460	88	17,100
Sweden	29	8,330	119	27,000
United Kingdom	57	13,600	163	34,200
Other ⁵	1	575	2	1,900
Total	447	114,000	1,650	372,000

-- 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–May 2016 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	May 2016		January–May ³	
	Quantity	Value	Quantity	Value
Baltimore, MD	--	--	1	225
Buffalo, NY	38	13,500	183	52,500
Charleston, SC	29	6,630	110	21,800
Detroit, MI	141	35,900	556	122,000
Duluth, MN	6	1,480	38	7,810
El Paso, TX	3	808	11	3,610
Galveston, TX	(4)	35	(4)	323
Great Falls, MT	4	959	12	2,510
Laredo, TX	16	6,200	58	22,200
Los Angeles, LA	(4)	108	1	495
Mobile, AL	27	6,380	98	23,200
New Orleans, LA	86	21,900	203	44,500
Nogales, AZ	1	185	4	940
Ogdensburg, NY	2	597	10	2,160
Pembina, ND	15	3,370	84	16,000
Portland, ME	1	295	2	706
San Diego, CA	2	657	9	2,990
Seattle, WA	68	13,500	246	42,600
St. Albans, VT	5	1,140	20	3,400
Other	2	488	5	1,430
Total	447	114,000	1,650	372,000

-- 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	May 2016		January–May ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	16	3,340	67	12,300
No. 2 heavy melting steel	10	2,190	53	9,990
No. 1 bundles	157	39,000	478	103,000
No. 2 bundles	6	1,310	31	6,720
Shredded steel scrap	49	11,600	239	44,500
Borings, shovelings and turnings	4	602	18	2,640
Cut plate and structural	22	4,530	83	16,000
Tinned iron or steel	9	1,830	38	7,310
Remelting scrap ingots	(4)	11	(4)	16
Cast iron	19	4,170	62	11,700
Other iron and steel	58	12,300	208	38,900
Total carbon steel and cast iron	350	80,800	1,280	253,000
Stainless steel	21	14,900	104	59,400
Other alloy steel	76	18,400	273	59,400
Total stainless and alloy steel	97	33,300	376	119,000
Total carbon, stainless, alloy steel and cast iron	447	114,000	1,650	372,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(4)	495
Used rails for rerolling and other uses	--	--	--	--
Total scrap imports	447	114,000	1,650	372,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	311	80,000	1,410	291,000
Pig iron > or = 0.5% phosphorus	--	--	--	--
Alloy pig iron	--	--	(4)	209
Total pig iron	311	80,000	1,410	291,000
Direct-reduced iron (DRI)	74	12,800	625	106,000
Spongy iron products, not DRI	(4)	456	1	1,830
Granules for abrasive cleaning and other uses	29	7,080	37	14,900
Powders of alloy steel	6	8,320	29	38,400
Other ferrous powders	4	6,550	19	29,900
Total DRI, granules, powders	114	35,200	714	191,000
Grand total	872	229,000	3,780	855,000

-- 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
2015:						
May	6,840	33,100	72.1	71.6	99.0	98.7
June	6,840	40,000	74.4	72.1	99.0	98.8
July	7,030	47,000	73.2	72.3	99.4	98.9
August	6,940	53,900	72.2	72.3	99.3	98.9
September	6,560	60,500	70.5	71.2	99.4	99.0
October	6,550	67,100	68.1	71.7	99.2	99.0
November	5,830	72,900	62.7	70.9	99.1	99.0
December	5,960	78,800	62.1	70.1	99.3	99.0
2016:						
January	6,460	6,460	68.7	68.7	99.2	99.2
February	6,420	12,900	73.1	70.8	99.2	99.2
March	6,770	19,700	72.1	71.3	99.2	99.2
April	6,600	26,300	72.6	71.6	99.2	99.2
May	6,980	33,200	74.3	72.1	99.6	99.3

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
2015:						
May	231.33	227.67	234.83	231.12	322.58	317.49
June	246.12	242.23	249.56	245.62	322.58	317.49
July	239.74	235.95	245.09	241.22	322.58	317.49
August	214.38	210.99	217.10	213.67	302.26	297.49
September	200.67	197.50	199.17	196.02	297.18	292.49
October	162.94	160.37	164.17	161.58	297.18	292.49
November	141.81	139.57	146.57	144.26	297.18	292.19
December	142.03	139.79	149.75	147.38	276.86	272.49
Average, January–December	216.90	213.47	221.44	217.94	321.31	316.21
2016:						
January	154.87	152.42	160.17	157.64	237.54	233.79
February	157.33	154.85	163.50	160.92	218.54	215.09
March	169.00	166.33	173.25	170.51	218.54	215.09
April	210.01	206.69	209.75	206.44	254.00	249.99
May	241.27	237.46	245.83	241.95	299.72	294.99

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

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