

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN JULY 2014

On a daily average basis in July 2014, estimated consumption of iron and steel scrap decreased by 7%, purchased scrap decreased by 7%, and home scrap production was unchanged compared with those of June 2014. Stocks of purchased and home scrap at the end of July increased slightly from those at the end of June. These observations are based upon responses from about 27% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 36% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production increased slightly and consumption increased slightly in July 2014 from those in June 2014. Stocks of pig iron at the end of July decreased by 6% from those at the end of June.

Exports of iron and steel scrap in July 2014 decreased slightly from those in June 2014. Turkey was the leading country of destination, accounting for 24% of the total tonnage of exports, followed by Taiwan with 15%, and Thailand with 12% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 22% of the total, followed by San Francisco, CA, with 13%, and New York, NY, with 13% (table 7).

Imports of iron and steel scrap for July 2014 decreased slightly from those in June 2014. Canada was the leading

country of origin, accounting for 78% of the total tonnage of imports, followed by Mexico, with 10%, and Sweden, with 9% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 30% of the total, followed by Seattle, WA, with 21%, and Buffalo, NY, with 14% (table 10).

The daily average domestic raw steel production for July 2014, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 248,000 metric tons, up slightly from that in June 2014 and up 3% from that in July 2013 (table 12). Raw steel production capability utilization (AISI data) in July 2014 was 80%, up from 79% in June 2014 and 77% in July 2013 (table 12). The electric furnace portion of raw steel production for July 2014 was 62%, the same as in June 2014 and down from 63% in July 2013.

Continuous cast steel production in July 2014 accounted for 99% of total raw steel production, up from 98% in June 2014, and the same as that in July 2013.

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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)

	July 2014			January–July ³		
	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,700	2,050	3,750	11,600	14,100	25,700
Receipts from other own company plants	74	153	227	486	1,040	1,520
Production recirculating scrap	396	182	578	2,520	1,330	3,850
Production obsolete scrap	W	W	18	W	W	124
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	663	W	W	3,800
Electric furnace	1,330	2,050	3,380	9,070	14,400	23,400
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	2,100	2,320	4,420	14,200	16,300	30,500
Shipments	98	14	112	626	102	728
Stocks, end of period	1,830	1,810	3,640	1,830	1,810	3,640
Pig iron (includes hot metal):						
Receipts	372	54	426	2,860	493	3,360
Production	2,210	--	2,210	14,400	--	14,400
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,490	W	W	16,300
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,600	63	2,660	17,200	497	17,700
Shipments	W	W	W	W	W	W
Stocks, end of period	191	195	386	191	195	386
Direct-reduced iron:⁸						
Receipts	137	82	219	951	594	1,550
Total consumption	373	78	451	2,080	582	2,670
Stocks, end of period	174	51	225	174	51	225

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and (or) "Total consumption." -- Zero.

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

²Includes manufacturers of raw steel that also produce steel castings. July 2014 data are based on returns from 27% of consumer surveys, representing 36% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³May include revisions to previously published data.

⁴Includes data for electric furnaces operated by integrated steel producers.

⁵Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

TABLE 2
RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, CONSUMPTION, AND STOCKS OF IRON AND STEEL SCRAP, BY GRADE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Item	July 2014				January–July ^{p,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	53	W	55	W	371	W	388
Cut structural and plate	320	62	354	340	2,240	233	2,460
No. 1 heavy melting steel	366	43	436	290	2,580	336	3,030
No. 2 heavy melting steel	469	30	494	338	3,120	203	3,360
No. 1 and electric furnace bundles	212	W	250	301	1,370	W	1,730
No. 2 and all other bundles	78	--	83	36	554	--	563
Electric furnace 1 foot and under (not bundles)	2	W	W	W	18	W	W
Railroad rails	18	--	17	16	138	--	138
Turnings and borings	195	4	199	109	1,330	25	1,370
Slag scrap	56	85	95	129	394	584	656
Shredded and fragmented	1,060	W	1,160	1,040	7,230	W	8,080
No. 1 busheling	393	15	416	318	2,740	110	2,930
Steel cans (post consumer)	7	--	7	W	49	--	49
All other carbon steel scrap	196	120	313	204	1,380	870	2,140
Stainless steel scrap	77	27	109	59	525	188	761
Alloy steel scrap	34	20	59	170	233	142	400
Ingot mold and stool scrap	W	W	8	13	W	W	42
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	W	W	W	W	W	W	W
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	65	30	94	42	434	190	602
Other mixed scrap	116	46	225	81	811	299	1,500
Total	3,750	578	4,420	3,640	25,700	3,850	30,500

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

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

²Includes manufacturers of raw steel that also produce steel castings.

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

TABLE 3
 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP,
 BY REGION AND STATE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Region and State	July 2014			January–July ^{p,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	437	67	502	3,080	491	3,600
North Central:						
Illinois and Indiana	472	183	603	3,150	1,040	4,070
Iowa, Minnesota, Nebraska, Wisconsin	215	20	251	1,510	147	1,780
Michigan	162	91	208	1,080	589	1,330
Ohio	537	86	638	3,650	592	4,230
Total	1,390	380	1,700	9,390	2,370	11,400
South Atlantic:						
Delaware, Virginia, West Virginia	108	8	144	727	53	954
Georgia, North Carolina, South Carolina	289	16	318	2,130	158	2,320
Total	397	24	462	2,860	210	3,270
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	731	37	790	4,820	256	5,330
Arkansas, Louisiana, Oklahoma, Texas	535	42	620	3,740	330	4,500
Total	1,270	79	1,410	8,570	586	9,830
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	259	28	342	1,820	195	2,340
Grand total	3,750	578	4,420	25,700	3,850	30,500

^pPreliminary.

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

²Includes manufacturers of raw steel that also produce steel castings.

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4
 RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS^{1, 2, 3, 4}

(Thousand metric tons)

Item	July 2014					January–July ^{P, 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	17	W	--	W	W	119	W	W	W	W
Cut structural and plate	48	96	29	127	W	334	668	216	878	W
No. 1 heavy melting steel	64	101	28	147	26	450	721	209	1,010	183
No. 2 heavy melting steel	10	173	59	191	36	68	1,100	396	1,310	250
No. 1 and electric furnace bundles	13	140	3	52	W	89	995	25	239	W
No. 2 and all other bundles	14	44	W	W	W	99	269	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	3	W	W	W	W	31	W
Turnings and borings	14	67	26	81	8	98	453	181	541	55
Slag scrap	8	28	1	W	W	59	193	11	W	W
Shredded and fragmentized	102	285	194	393	83	725	1,870	1,330	2,720	582
No. 1 busheling	63	145	30	153	2	449	1,030	247	1,010	12
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	W
All other carbon steel scrap	35	126	2	31	3	236	887	20	215	18
Stainless steel scrap	W	W	--	W	--	W	87	--	W	--
Alloy steel scrap	2	32	--	W	--	14	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
Motor blocks	--	W	--	--	--	--	W	--	--	--
Other iron scrap	W	51	W	10	W	W	328	W	71	W
Other mixed scrap	W	12	W	14	W	W	W	W	104	W
Total	437	1,390	397	1,270	259	3,080	9,390	2,860	8,570	1,820

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

¹Scrap received from brokers, dealers, and other outside sources.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴Data are rounded to no more than three significant digits; may not add to totals shown.

⁵May include revisions to previously published data.

TABLE 5
CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3}

(Thousand metric tons)

Item	July 2014					January–July ^{p, 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	16	W	W	W	W	119	W	W	W	W
Cut structural and plate	49	113	55	117	W	340	756	360	861	W
No. 1 heavy melting steel	69	135	33	172	27	515	913	222	1,190	192
No. 2 heavy melting steel	14	162	68	210	W	98	1,120	440	1,420	W
No. 1 and electric furnace bundles	12	202	3	29	W	89	1,380	25	211	W
No. 2 and all other bundles	14	45	W	16	W	99	259	W	115	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	2	W	W	W	--	31	W
Turnings and borings	15	69	26	82	8	112	471	180	550	56
Slag scrap	12	54	1	26	W	86	367	9	179	W
Shredded and fragmentized	103	304	208	462	83	724	2,030	1,470	3,270	582
No. 1 busheling	62	156	29	167	2	446	1,100	246	1,120	12
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	56	200	6	48	3	415	1,320	41	344	19
Stainless steel scrap	53	19	--	W	--	371	134	--	W	--
Alloy steel scrap	11	39	--	W	--	78	257	--	W	--
Ingot mold and stool scrap	W	W	--	W	--	W	W	--	W	--
Machinery and cupola cast iron	W	W	W	W	W	--	W	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	--	W
Motor blocks	--	W	--	--	--	--	W	--	--	--
Other iron scrap	5	71	6	12	W	32	446	43	76	W
Other mixed scrap	W	43	W	14	W	W	274	W	106	W
Total	502	1,700	462	1,410	342	3,600	11,400	3,270	9,830	2,340

^pPreliminary. 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	July 2014		January–July ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	--	--	1	598
Canada	62	20,500	520	178,000
Dominican Republic	(4)	55	3	723
Ecuador	2	216	90	27,600
Jamaica	1	105	1	109
Mexico	60	20,700	452	160,000
Peru	32	11,200	184	67,700
Other ⁵	(4)	199	2	1,460
Total	157	53,000	1,250	435,000
Africa, Europe, Middle East:				
Belgium	1	831	6	7,510
Egypt	42	15,300	392	137,000
Germany	(4)	47	3	2,260
Italy	(4)	20	32	12,000
Kuwait	--	--	271	95,100
Morocco	--	--	50	18,600
Netherlands	(4)	1,780	3	3,540
Portugal	--	--	6	991
Saudi Arabia	44	15,400	44	15,400
Sweden	(4)	782	2	4,730
Turkey	302	108,000	2,080	738,000
United Kingdom	(4)	176	2	2,630
Other ⁵	1	1,080	5	6,820
Total	391	143,000	2,900	1,040,000
Asia, Australia, Oceania:				
Bangladesh	1	254	6	2,620
China	55	64,200	451	431,000
Hong Kong	3	3,380	19	17,400
India	52	22,000	321	139,000
Indonesia	20	7,280	215	79,100
Japan	4	6,980	58	55,400
Korea, Republic of	129	49,700	955	360,000
Malaysia	35	12,600	319	112,000
Pakistan	21	13,100	199	101,000
Taiwan	189	73,400	1,650	628,000
Thailand	150	54,900	269	98,700
Vietnam	41	14,300	224	78,300
Other ⁵	1	183	2	1,320
Total	701	322,000	4,690	2,100,000
Grand total	1,250	518,000	8,840	3,580,000

-- Zero.

¹Includes tinsplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free-alongside-ship basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³May include revisions to previously published data.

⁴Less than ½ unit.

⁵Includes countries with January–July 2014 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	July 2014		January–July ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	19	7,250	122	51,400
Detroit, MI	22	6,900	167	47,900
Duluth, MN	1	304	20	7,900
Great Falls, MT	2	354	8	1,870
Ogdensburg, NY	1	596	7	2,550
Pembina, ND	12	3,850	144	53,400
Other	2	692	23	4,360
Total	59	19,900	490	169,000
East coast:				
Baltimore, MD	6	2,930	134	53,400
Boston, MA	76	28,100	441	161,000
Charleston, SC	5	4,960	36	34,200
Charlotte, NC	1	1,460	7	10,000
Miami, FL	32	11,900	218	86,600
New York, NY	157	64,600	1,280	506,000
Norfolk, VA	12	8,810	90	59,800
Philadelphia, PA	45	15,900	413	145,000
Portland, ME	23	8,580	99	35,700
Providence, RI	118	41,700	474	168,000
Savannah, GA	12	6,650	73	46,300
St. Albans, VT	2	569	17	5,370
Total	487	196,000	3,280	1,310,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
Dallas–Fort Worth, TX	--	--	(4)	19
El Paso, TX	2	578	34	11,500
Houston–Galveston, TX	16	10,900	216	107,000
Laredo, TX	25	8,840	188	68,600
Mobile, AL	1	544	91	37,400
New Orleans, LA	1	423	3	1,530
Nogales, AZ	(4)	6	(4)	30
San Juan, PR	15	4,300	173	52,400
Tampa, FL	53	19,100	202	78,700
U.S. Virgin Islands	--	--	6	991
Total	112	44,800	911	358,000
West coast and Hawaii:				
Columbia–Snake, OR	96	36,900	401	148,000
Honolulu, HI, and Anchorage, AK	3	1,150	74	25,700
Los Angeles, CA	276	133,000	2,070	939,000
San Diego, CA	5	1,140	38	9,280
San Francisco, CA	160	63,700	1,080	426,000
Seattle, WA	51	22,200	499	196,000
Total	591	258,000	4,160	1,740,000
Grand total	1,250	518,000	8,840	3,580,000

-- 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	July 2014		January–July ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	330	117,000	2,920	1,020,000
No. 2 heavy melting steel	55	18,700	505	168,000
No. 1 bundles	4	1,350	140	52,500
No. 2 bundles	1	122	19	4,340
Shredded steel scrap	465	168,000	2,690	965,000
Borings, shovelings and turnings	1	321	29	9,490
Cut plate and structural	54	19,800	428	155,000
Tinned iron or steel	8	4,010	70	26,500
Remelting scrap ingots	1	422	9	6,930
Cast iron	23	9,700	182	68,400
Other iron and steel	222	91,700	1,260	526,000
Total carbon steel and cast iron	1,160	430,000	8,260	3,000,000
Stainless steel	50	60,700	321	388,000
Other alloy steel	35	27,400	257	192,000
Total stainless and alloy steel	85	88,100	579	580,000
Total carbon, stainless, alloy steel and cast iron	1,250	518,000	8,840	3,580,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	3	(4)	80
Used rails for rerolling and other uses	5	4,490	22	19,000
Total scrap exports	1,250	523,000	8,860	3,600,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(4)	148	2	813
Pig iron > or = 0.5% phosphorus	(4)	100	1	341
Alloy pig iron	(4)	8	(4)	65
Total pig iron	1	256	4	1,220
Direct-reduced iron (DRI)	(4)	31	(4)	40
Spongy iron products, not DRI	(4)	29	(4)	1,290
Granules for abrasive cleaning and other uses	4	5,180	23	34,900
Powders of alloy steel	2	4,870	14	38,500
Other ferrous powders	7	7,790	61	69,200
Total DRI, granules, powders	13	17,900	99	144,000
Grand total	1,270	541,000	8,960	3,750,000

-- 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	July 2014		January–July ³	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	20	3	434
Belgium	--	--	12	4,600
Brazil	2	3,120	9	14,100
Canada	273	104,000	1,930	750,000
Cayman Islands	1	180	6	1,620
China	2	654	5	3,250
Colombia	(4)	66	2	2,800
Dominican Republic	(4)	90	6	984
Germany	(4)	65	2	930
Italy	(4)	60	1	313
Japan	1	299	4	1,070
Mexico	36	20,600	205	121,000
Netherlands	5	9,580	62	45,800
Russia	(4)	34	1	271
Sweden	31	12,400	129	49,700
United Kingdom	(4)	69	95	38,000
Other ⁵	(4)	2,170	8	9,210
Total	352	154,000	2,480	1,040,000

-- 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–July 2014 quantities of less than 500 metric tons.

Source: U.S. Census Bureau.

TABLE 10
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED CUSTOMS DISTRICT^{1,2}

(Thousand metric tons and thousand dollars)

Customs district	July 2014		January–July ³	
	Quantity	Value	Quantity	Value
Baltimore, MD	(4)	131	2	1,350
Buffalo, NY	49	29,400	423	239,000
Charleston, SC	(4)	105	124	48,800
Chicago, IL	5	700	14	2,450
Detroit, MI	106	37,200	726	266,000
Duluth, MN	13	4,100	79	26,500
El Paso, TX	3	1,550	26	12,300
Great Falls, MT	11	3,380	57	17,500
Galveston, TX	2	3,840	13	22,100
Laredo, TX	26	16,900	152	97,000
Los Angeles, CA	3	1,430	7	4,710
Miami, FL	(4)	119	4	749
Mobile, AL	6	10,300	87	55,500
New Orleans, LA	32	12,400	96	36,300
New York City, NY	1	770	3	2,120
Nogales, AZ	1	317	7	1,790
Ogdensburg, NY	3	2,470	25	18,600
Pembina, ND	11	3,680	76	29,300
Portland, ME	1	406	3	1,760
San Diego, CA	2	780	14	5,740
San Juan, CA	(4)	16	6	310
Seattle, WA	72	22,000	501	141,000
St Albans, VT	4	1,170	25	7,760
Tampa, FL	(4)	58	3	895
Other	(4)	579	9	4,610
Total	352	154,000	2,480	1,040,000

-- Zero.

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats and other vessels for scrapping. Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³May include revisions to previously published data.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 11
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER
FERROUS PRODUCTS BY GRADE^{1, 2}

(Thousand metric tons and thousand dollars)

Item	July 2014		January–July ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	27	9,340	186	64,600
No. 2 heavy melting steel	24	6,830	148	41,500
No. 1 bundles	85	33,200	593	236,000
No. 2 bundles	4	1,110	28	8,800
Shredded steel scrap	37	10,400	339	96,800
Borings, shovelings and turnings	4	1,050	43	11,500
Cut plate and structural	20	6,250	147	46,800
Tinned iron or steel	7	2,170	48	15,100
Remelting scrap ingots	--	--	(4)	79
Cast iron	18	4,730	124	37,200
Other iron and steel	56	18,700	331	109,000
Total carbon steel and cast iron	282	93,700	1,990	667,000
Stainless steel	32	46,600	209	270,000
Other alloy steel	38	13,400	283	107,000
Total stainless and alloy steel	70	60,000	491	377,000
Total carbon, stainless, alloy steel and cast iron	352	154,000	2,480	1,040,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	17	(4)	427
Total scrap imports	352	154,000	2,480	1,040,000
Imports of manufactured ferrous products:				
Pig iron > or = 0.5% phosphorus	422	172,000	2,760	1,110,000
Pig iron < or = 0.5% phosphorus	--	--	(4)	50
Alloy pig iron	--	--	(4)	147
Total pig iron	422	172,000	2,760	1,110,000
Direct-reduced iron (DRI)	208	75,900	1,470	523,000
Spongy iron products, not DRI	(4)	580	1	2,970
Granules for abrasive cleaning and other uses	2	2,240	14	14,400
Powders of alloy steel	6	9,610	43	65,900
Other ferrous powders	6	8,380	30	50,100
Total DRI, granules, powders	222	96,700	1,560	656,000
Grand total	996	423,000	6,800	2,810,000

-- 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	Monthly	Year	Monthly	Year
		to date ²		to date ²		to date ²
2013:						
July	7,440	50,600	77.3	76.8	98.5	98.7
August	7,470	58,000	77.6	76.9	98.9	98.7
September	7,290	65,300	78.3	77.0	98.8	98.7
October	7,370	72,700	76.5	77.0	98.9	98.7
November	7,110	79,800	76.2	76.9	99.0	98.7
December	7,130	86,900	74.0	76.7	98.9	98.8
2014:						
January	7,330	7,330	75.8	75.8	98.7	98.7
February	6,810	14,100	77.9	76.8	98.6	98.7
March	7,510	21,600	77.7	77.1	98.7	98.7
April	7,160	28,800	76.6	77.0	98.4	98.6
May	7,480	36,300	77.3	77.0	98.5	98.6
June	7,350	43,600	78.5	77.3	98.4	98.6
July	7,700	51,300	79.6	77.6	98.5	98.5

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
2013:						
July	339.50	334.14	337.83	332.49	441.96	434.98
August	340.69	335.31	340.83	335.45	441.96	434.98
September	336.61	331.29	335.50	330.20	436.88	429.98
October	335.71	330.41	334.17	328.89	426.72	419.98
November	355.46	349.85	355.83	350.21	430.53	423.73
December	374.79	368.87	377.50	371.54	431.80	424.98
Average, January–December	345.70	340.24	346.62	341.14	446.55	439.50
2014:						
January	394.24	388.01	395.17	388.93	436.38	429.49
February	378.95	372.97	380.25	374.24	450.47	443.36
March	364.37	358.62	364.30	358.55	454.66	447.48
April	373.27	367.37	375.17	369.24	454.66	447.48
May	366.14	360.36	368.17	362.35	454.66	447.48
June	358.27	352.61	359.17	353.50	454.66	447.48
July	356.74	351.11	357.50	351.85	454.66	447.48

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

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