

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN NOVEMBER 2013

On a daily average basis in November 2013, estimated consumption of iron and steel scrap increased slightly, net receipts of purchased scrap decreased slightly, and home scrap production was the same as that of October 2013. Stocks of purchased and home scrap at the end of November decreased slightly from those at the end of October. These observations are based upon responses from about 30% 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 by 6%, and consumption increased by 7% in November 2013 from those in October 2013. Stocks of pig iron at the end of November decreased slightly from those at the end of October.

Exports of iron and steel scrap in November 2013 decreased by 6% from those of October 2013. Turkey was the leading country of destination, accounting for 22% of the total tonnage of exports, followed by Taiwan with 20% and the Republic of Korea with 18% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 19% of the total, followed by San Francisco, CA, with 16%, and New York, NY, with 11% (table 7).

Imports of iron and steel scrap for November 2013 increased by 8% from those of October 2013. Canada was the leading country of origin, accounting for 78% of the total tonnage of imports, followed by Mexico with 8%, and Sweden with 7% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 29% of the total, followed by Seattle, WA, with 18% and Buffalo, NY, with 17% (table 10).

The daily average domestic raw steel production for November 2013, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 237,000 metric tons, down slightly from that in October 2013 and 5% higher than that in November 2012 (table 12). The electric furnace portion of raw steel production for November 2013 was 58%, down from 61% in October 2013 and down from 61% in November 2012.

Raw steel production capability utilization (AISI data) in November 2013 was 76%, down from 77% in October 2013 and up from 70% in November 2012 (table 12). Continuous cast steel production in November 2013 accounted for 99% of total raw steel production, the same as that in October 2013 and November 2012.

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

(Thousand metric tons)

	November 2013			January–November 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	1,770	1,910	3,680	19,400	21,300	40,800
Receipts from other own company plants	37	202	239	433	2,220	2,650
Production recirculating scrap	337	171	508	3,700	1,960	5,660
Production obsolete scrap	W	W	13	W	W	102
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	554	W	W	6,540
Electric furnace	1,280	2,030	3,310	14,100	23,100	37,200
Other (including air furnace) ⁶	W	W	W	W	W	W
Total consumption	2,000	2,270	4,270	22,400	25,400	47,800
Shipments	106	15	121	1,080	177	1,260
Stocks, end of period	1,970	1,790	3,750	1,970	1,790	3,750
Pig iron (includes hot metal):						
Receipts	439	61	500	5,730	813	6,550
Production	2,160	--	2,160	22,600	--	22,600
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,450	W	W	26,900
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,600	74	2,670	28,300	797	29,100
Shipments	W	W	W	W	W	W
Stocks, end of period	186	210	396	186	210	396
Direct-reduced iron:⁸						
Receipts	64	37	101	1,240	577	1,820
Total consumption	332	33	365	3,530	612	4,140
Stocks, end of period	78	24	102	78	24	102

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. November 2013 data are based on returns from 30% 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	November 2013				January–November 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	55	W	57	W	633	W	661
Cut structural and plate	321	29	343	308	3,460	310	3,770
No. 1 heavy melting steel	372	51	441	308	4,160	569	4,850
No. 2 heavy melting steel	438	29	480	352	5,030	316	5,430
No. 1 and electric furnace bundles	193	W	274	277	2,290	W	3,100
No. 2 and all other bundles	92	W	94	44	1,050	W	1,090
Electric furnace 1 foot and under (not bundles)	2	W	W	W	26	W	W
Railroad rails	29	--	29	16	309	--	314
Turnings and borings	177	4	190	143	2,070	36	2,260
Slag scrap	62	81	94	139	711	901	1,060
Shredded and fragmentized	1,110	W	1,160	1,110	11,600	W	12,600
No. 1 busheling	373	15	387	345	4,190	150	4,370
Steel cans (post consumer)	10	--	10	2	113	--	113
All other carbon steel scrap	248	101	328	210	2,700	1,120	3,830
Stainless steel scrap	73	27	112	48	807	298	1,210
Alloy steel scrap	30	21	53	W	346	231	634
Ingot mold and stool scrap	W	W	8	14	W	W	75
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	8	W	W	W	W	W	W
Other iron scrap	57	17	71	29	609	238	782
Other mixed scrap	30	31	109	76	476	376	1,340
Total	3,680	508	4,270	3,750	40,800	5,660	47,800

⁰Preliminary. 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	November 2013			January–November ^{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	387	62	497	4,350	691	5,520
North Central:						
Illinois and Indiana	467	142	593	5,060	1,550	6,540
Iowa, Minnesota, Nebraska, Wisconsin	239	13	263	2,640	127	2,890
Michigan	164	92	211	1,830	1,050	2,270
Ohio	420	76	488	4,940	862	5,860
Total	1,290	323	1,550	14,500	3,590	17,600
South Atlantic:						
Delaware, Virginia, West Virginia	111	10	145	1,280	84	1,650
Georgia, North Carolina, South Carolina	334	18	348	3,750	191	3,920
Total	443	27	493	5,030	275	5,570
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	727	32	754	7,700	338	8,250
Arkansas, Louisiana, Oklahoma, Texas	567	46	640	6,230	512	7,220
Total	1,290	78	1,390	13,900	851	15,500
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	271	19	334	2,970	251	3,710
Grand total	3,680	508	4,270	40,800	5,660	47,800

^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	November 2013					January–November ^{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	19	W	--	W	W	212	354	W	W	W
Cut structural and plate	42	102	30	127	W	433	1,080	395	1,330	W
No. 1 heavy melting steel	63	96	34	132	47	678	1,100	383	1,490	515
No. 2 heavy melting steel	10	130	51	191	56	107	1,630	591	2,100	609
No. 1 and electric furnace bundles	8	133	3	26	W	97	1,530	48	359	W
No. 2 and all other bundles	10	33	W	W	W	112	380	W	169	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	14	--	7	W	W	W	--	W	W
Turnings and borings	12	60	25	71	8	158	644	310	861	92
Slag scrap	6	37	2	W	W	61	424	29	W	W
Shredded and fragmentized	77	276	209	471	76	874	2,950	2,200	4,720	830
No. 1 busheling	53	149	35	135	2	616	1,650	387	1,520	17
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	W
All other carbon steel scrap	39	136	16	55	3	459	1,430	179	606	28
Stainless steel scrap	W	12	--	W	--	W	136	--	W	--
Alloy steel scrap	1	25	--	W	--	8	293	--	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
Other iron scrap	W	41	W	12	W	W	431	20	114	W
Other mixed scrap	W	W	W	2	W	W	71	W	30	W
Total	387	1,290	443	1,290	271	4,350	14,500	5,030	13,900	2,970

^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	November 2013					January–November ^{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	19	W	W	W	W	218	W	W	W	W
Cut structural and plate	41	113	53	116	W	446	1,210	580	1,320	W
No. 1 heavy melting steel	78	124	33	154	52	808	1,370	372	1,740	568
No. 2 heavy melting steel	14	141	53	208	64	153	1,690	606	2,270	704
No. 1 and electric furnace bundles	20	190	5	34	W	230	2,170	50	363	W
No. 2 and all other bundles	11	31	W	16	W	112	372	W	184	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	14	--	7	W	W	W	--	W	W
Turnings and borings	27	57	27	70	8	328	663	312	863	93
Slag scrap	10	55	2	26	W	105	621	27	280	W
Shredded and fragmentized	83	293	226	485	76	873	3,210	2,440	5,260	830
No. 1 busheling	53	159	32	141	2	621	1,760	387	1,580	17
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	60	182	17	66	3	720	2,070	224	783	30
Stainless steel scrap	55	21	--	W	--	600	210	--	W	--
Alloy steel scrap	12	30	--	W	--	143	380	--	W	--
Ingot mold and stool scrap	W	W	--	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
Other iron scrap	W	47	4	16	W	W	548	60	127	W
Other mixed scrap	W	33	W	2	W	W	412	W	29	W
Total	497	1,550	493	1,390	334	5,520	17,600	5,570	15,500	3,710

^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	November 2013		January–November ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	71	22,600	849	277,000
Ecuador	2	218	80	26,500
Mexico	39	13,100	680	244,000
Peru	59	20,400	341	121,000
Venezuela	(4)	24	1	1,490
Other ⁵	(4)	251	4	3,320
Total	171	56,600	1,950	674,000
Africa, Europe, Middle East:				
Belgium	1	652	7	6,580
Egypt	40	13,100	757	268,000
Germany	(4)	258	5	3,290
Italy	(4)	148	91	34,200
Kuwait	--	--	44	15,800
Morocco	--	--	50	18,900
Netherlands	1	390	11	12,900
Portugal	--	--	39	13,300
Spain	(4)	201	10	8,560
Sweden	(4)	306	3	7,020
Tunisia	--	--	30	10,100
Turkey	267	92,400	4,730	1,700,000
United Arab Emirates	(4)	220	3	1,900
United Kingdom	1	636	7	6,140
Other ⁵	(4)	504	5	5,320
Total	310	109,000	5,790	2,110,000
Asia, Australia, Oceania:				
Bangladesh	2	718	66	26,600
China	149	93,500	1,760	1,110,000
Hong Kong	3	3,140	58	44,100
India	32	16,700	524	253,000
Indonesia	18	7,250	504	192,000
Japan	3	5,720	39	65,600
Korea, Republic of	221	80,400	2,110	796,000
Malaysia	4	1,350	525	196,000
Pakistan	21	14,400	205	139,000
Philippines	--	--	8	3,500
Singapore	(4)	150	2	4,000
Taiwan	252	96,300	2,830	1,120,000
Thailand	46	16,300	85	30,500
Vietnam	6	2,150	465	170,000
Other ⁵	(4)	(4)	4	3,450
Total	757	338,000	9,180	4,150,000
Grand total	1,240	504,000	16,900	6,940,000

-- 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–November 2013 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	November 2013		January–November ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	19	6,160	180	63,900
Chicago, IL	(4)	70	2	1,120
Detroit, MI	19	6,340	214	68,900
Duluth, MN	6	2,040	49	18,900
Great Falls, MT	1	284	11	3,030
Ogdensburg, NY	(4)	152	7	2,440
Pembina, ND	18	6,950	306	111,000
Other	4	588	44	6,550
Total	67	22,600	813	276,000
East coast:				
Baltimore, MD	7	3,230	310	121,000
Boston, MA	76	27,600	1,050	386,000
Charleston, SC	4	4,070	80	46,100
Charlotte, NC	(4)	373	5	7,330
Miami, FL	55	19,600	423	169,000
New York, NY	135	58,500	2,580	1,050,000
Norfolk, VA	7	5,440	287	139,000
Philadelphia, PA	103	36,900	860	309,000
Portland, ME	(4)	14	123	46,300
Providence, RI	65	22,300	519	184,000
Savannah, GA	8	6,300	217	132,000
St. Albans, VT	3	772	33	9,540
Washington, DC	--	--	(4)	5
Total	463	185,000	6,490	2,600,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	2	763	33	11,100
Houston–Galveston, TX	20	14,800	873	405,000
Laredo, TX	21	7,630	389	148,000
Mobile, AL	1	853	223	79,600
New Orleans, LA	(4)	56	220	78,900
San Juan, PR	14	4,100	246	74,200
Tampa, FL	4	2,960	387	154,000
U.S. Virgin Islands	--	--	7	1,320
Other	(4)	3	1	71
Total	62	31,200	2,380	952,000
West coast and Hawaii:				
Columbia–Snake, OR	93	33,800	854	317,000
Honolulu, HI, and Anchorage, AK	30	10,200	133	46,900
Los Angeles, CA	234	112,000	3,590	1,680,000
San Diego, CA	7	1,670	66	17,200
San Francisco, CA	156	60,700	1,730	686,000
Seattle, WA	125	46,100	871	356,000
Total	645	265,000	7,240	3,100,000
Grand total	1,240	504,000	16,900	6,940,000

-- 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	November 2013		January–November ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	338	118,000	5,500	1,970,000
No. 2 heavy melting steel	59	19,300	805	278,000
No. 1 bundles	12	4,180	314	109,000
No. 2 bundles	(4)	149	10	1,510
Shredded steel scrap	471	166,000	5,130	1,860,000
Borings, shoveling and turnings	4	1,340	123	41,700
Cut plate and structural	42	14,800	981	360,000
Tinned iron or steel	11	4,240	133	55,200
Remelting scrap ingots	2	2,310	15	13,900
Cast iron	23	10,100	333	132,000
Other iron and steel	185	77,900	2,510	1,070,000
Total carbon steel and cast iron	1,150	418,000	15,900	5,890,000
Stainless steel	52	59,500	590	691,000
Other alloy steel	36	25,500	477	357,000
Total stainless and alloy steel	88	85,100	1,070	1,050,000
Total carbon, stainless, alloy steel and cast iron	1,240	504,000	16,900	6,940,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	3	7	1,030
Used rails for rerolling and other uses	2	1,460	36	33,900
Total scrap exports	1,240	505,000	17,000	6,970,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	460	7	3,370
Pig iron > or = 0.5% phosphorus	(4)	87	2	350
Alloy pig iron	(4)	44	9	782
Total pig iron	1	591	18	4,500
Direct-reduced iron (DRI)	--	--	(4)	30
Spongy iron products, not DRI	(4)	150	2	2,340
Granules for abrasive cleaning and other uses	3	4,540	32	46,600
Powders of alloy steel	2	4,240	20	50,500
Other ferrous powders	10	10,500	95	104,000
Total DRI, granules, powders	15	19,400	149	204,000
Grand total	1,260	525,000	17,200	7,180,000

-- 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	November 2013		January–November ³	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	62	4	767
Brazil	3	546	5	1,690
Canada	321	113,000	2,950	1,080,000
China	1	395	8	3,470
Dominican Republic	(4)	55	3	238
Germany	19	7,160	24	9,070
Hong Kong	4	690	4	696
Italy	--	--	5	133
Japan	1	317	6	2,270
Mexico	33	16,100	263	122,000
Sweden	30	11,300	137	53,200
United Kingdom	(4)	24	161	65,900
Other ⁵	(4)	185	6	3,400
Total	411	150,000	3,570	1,340,000

-- 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.

⁵Includes countries with January–November 2013 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	November 2013		January–November ³	
	Quantity	Value	Quantity	Value
Buffalo, NY	69	32,200	670	330,000
Charleston, SC	(4)	44	188	75,900
Chicago, IL	9	1,550	50	6,600
Columbia-Snake, OR	--	--	8	2,320
Detroit, MI	118	44,300	1,160	427,000
Duluth, MN	11	3,380	65	18,900
El Paso, TX	8	2,160	38	14,600
Great Falls, MT	11	3,410	121	37,000
Laredo, TX	24	13,100	163	87,300
Mobile, AL	31	11,300	69	26,600
New Orleans, LA	4	680	31	11,300
Nogales, AZ	2	499	27	8,790
Norfolk, VA	--	--	1	342
Ogdensburg, NY	5	2,010	52	27,100
Pembina, ND	21	6,090	90	31,600
Portland, ME	2	473	9	3,050
San Diego, CA	3	995	39	11,700
San Juan, PR	(4)	2	3	64
Seattle, WA	72	19,200	714	189,000
St. Albans, VT	2	712	18	6,180
Wilmington, NC	19	7,590	54	20,300
Other	(4)	427	12	6,640
Total	411	150,000	3,570	1,340,000

-- Zero.

¹Includes tinsplate 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	November 2013		January–November ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	29	9,850	292	97,200
No. 2 heavy melting steel	21	5,640	149	40,100
No. 1 bundles	135	53,400	1,040	402,000
No. 2 bundles	5	1,530	48	13,700
Shredded steel scrap	46	11,100	436	108,000
Borings, shovelings and turnings	7	1,710	59	13,300
Cut plate and structural	18	5,610	240	75,500
Tinned iron or steel	8	2,410	55	19,500
Remelting scrap ingots	--	--	(4)	56
Cast iron	28	7,260	217	57,000
Other iron and steel	48	14,000	455	136,000
Total carbon steel and cast iron	344	112,000	2,990	963,000
Stainless steel	25	21,600	201	192,000
Other alloy steel	42	16,100	382	187,000
Total stainless and alloy steel	67	37,700	583	379,000
Total carbon, stainless, alloy steel and cast iron	411	150,000	3,570	1,340,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(4)	446
Total scrap imports	411	150,000	3,570	1,340,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	333	131,000	3,790	1,510,000
Pig iron < or = 0.5% phosphorus	--	--	(4)	26
Alloy pig iron	(4)	14	(4)	343
Total pig iron	333	131,000	3,790	1,520,000
Direct-reduced iron (DRI)	144	52,700	1,950	676,000
Spongy iron products, not DRI	(4)	437	120	54,900
Granules for abrasive cleaning and other uses	2	1,930	23	22,900
Powders of alloy steel	5	7,540	51	87,200
Other ferrous powders	4	6,540	45	79,300
Total DRI, granules, powders	156	69,100	2,190	921,000
Grand total	900	351,000	9,560	3,780,000

-- 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
2012:						
November	6,780	81,600	70.1	75.5	98.7	98.6
December	7,180	88,800	71.7	75.2	99.1	98.6
2013:						
January	7,370	7,370	76.5	76.5	98.7	98.7
February	6,810	14,200	78.3	77.3	98.7	98.7
March	7,340	21,500	76.2	77.0	98.8	98.7
April	7,150	28,700	76.7	76.9	98.7	98.7
May	7,370	36,000	76.5	76.8	98.7	98.7
June	7,100	43,100	76.1	76.7	98.6	98.7
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

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
2012:						
November	341.14	335.75	347.08	341.60	467.36	459.98
December	349.39	343.87	347.50	342.01	467.36	459.98
Average, January–December	367.36	361.56	365.28	359.51	487.70	479.99
2013:						
January	352.35	346.78	350.83	345.29	467.36	459.98
February	343.54	338.11	342.92	337.50	467.36	459.98
March	363.19	357.45	366.17	360.39	467.36	459.98
April	352.10	346.54	357.84	352.19	455.17	447.98
May	329.64	324.43	332.50	327.25	449.58	442.48
June	324.86	319.73	327.50	322.33	441.96	434.98
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

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

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