

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN DECEMBER 2013

On a daily average basis in December 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 November 2013. Stocks of purchased and home scrap at the end of December decreased slightly from those at the end of November. These observations are based upon responses from about 25% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 33% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production decreased slightly, and consumption decreased slightly in December 2013 from those in November 2013. Stocks of pig iron at the end of December decreased by 5% from those at the end of November.

Exports of iron and steel scrap in December 2013 increased by 25% from those of November 2013. Turkey was the leading country of destination, accounting for 32% of the total tonnage of exports, followed by the Republic of Korea with 28%, and Taiwan 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 New York, NY, with 16%, and San Francisco, CA, with 11% (table 7).

Imports of iron and steel scrap for December 2013 decreased by 15% from those of November 2013. Canada was the leading country of origin, accounting for 80% of the total tonnage of imports, followed by Mexico with 9%, and Netherlands with 8% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 31% of the total, followed by Seattle, WA, with 19%, and Buffalo, NY, with 18% (table 10).

The daily average domestic raw steel production for December 2013, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 230,000 metric tons, down by 3% from that in November 2013 and down slightly than that in December 2012 (table 12). The electric furnace portion of raw steel production for December 2013 was 61%, the same as that in November 2013 and up from 60% in December 2012.

Raw steel production capability utilization (AISI data) in December 2013 was 74%, down from 76% in November 2013 and up from 72% in December 2012 (table 12). Continuous cast steel production in December 2013 accounted for 99% of total raw steel production, the same as that in November 2013 and December 2012.

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

(Thousand metric tons)

	December 2013			January–December 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	1,790	1,930	3,710	21,200	23,300	44,500
Receipts from other own company plants	55	184	239	489	2,400	2,890
Production recirculating scrap	340	183	523	4,040	2,150	6,180
Production obsolete scrap	W	W	8	W	W	110
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	575	W	W	7,120
Electric furnace	1,370	2,060	3,430	15,500	25,200	40,600
Other (including air furnace) ⁶	W	W	W	W	W	W
Total consumption	2,140	2,320	4,460	24,500	27,700	52,300
Shipments	105	14	119	1,190	191	1,380
Stocks, end of period	1,940	1,720	3,660	1,940	1,720	3,660
Pig iron (includes hot metal):						
Receipts	437	78	515	6,170	891	7,060
Production	2,180	--	2,180	24,800	--	24,800
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,470	W	W	29,400
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,620	101	2,720	30,900	920	31,800
Shipments	W	W	W	W	W	W
Stocks, end of period	178	197	375	178	197	375
Direct-reduced iron:⁸						
Receipts	101	70	171	1,340	646	1,990
Total consumption	300	56	356	3,830	669	4,500
Stocks, end of period	73	38	111	73	38	111

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. December 2013 data are based on returns from 25% of consumer surveys, representing 33% 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	December 2013				January–December ^{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	54	W	57	W	687	W	718
Cut structural and plate	317	33	373	291	3,770	343	4,150
No. 1 heavy melting steel	387	53	457	303	4,540	622	5,310
No. 2 heavy melting steel	439	29	480	345	5,470	346	5,910
No. 1 and electric furnace bundles	196	W	269	270	2,490	W	3,370
No. 2 and all other bundles	111	W	114	46	1,160	W	1,210
Electric furnace 1 foot and under (not bundles)	2	W	W	W	29	W	W
Railroad rails	27	--	29	14	336	--	343
Turnings and borings	180	4	203	138	2,250	40	2,460
Slag scrap	61	85	97	138	772	986	1,150
Shredded and fragmentized	1,120	W	1,220	1,100	12,700	W	13,800
No. 1 busheling	370	19	427	311	4,560	169	4,790
Steel cans (post consumer)	11	--	11	2	124	--	124
All other carbon steel scrap	236	107	349	205	2,940	1,220	4,180
Stainless steel scrap	72	27	109	48	879	325	1,320
Alloy steel scrap	29	21	59	W	375	252	693
Ingot mold and stool scrap	W	W	6	14	W	W	80
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	13	W	W	W	W	W	W
Other iron scrap	53	21	66	32	661	259	848
Other mixed scrap	35	30	101	79	511	406	1,440
Total	3,710	523	4,460	3,660	44,500	6,180	52,300

^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	December 2013			January–December ^{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	389	63	508	4,740	754	6,030
North Central:						
Illinois and Indiana	503	137	642	5,570	1,690	7,180
Iowa, Minnesota, Nebraska, Wisconsin	238	13	260	2,880	139	3,150
Michigan	161	92	196	1,990	1,140	2,470
Ohio	424	82	563	5,370	945	6,420
Total	1,330	324	1,660	15,800	3,920	19,200
South Atlantic:						
Delaware, Virginia, West Virginia	117	8	140	1,400	91	1,790
Georgia, North Carolina, South Carolina	361	22	381	4,110	212	4,300
Total	478	28	520	5,510	303	6,090
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	682	35	762	8,380	372	9,010
Arkansas, Louisiana, Oklahoma, Texas	567	51	675	6,800	563	7,900
Total	1,250	85	1,440	15,200	936	16,900
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	271	23	330	3,240	274	4,040
Grand total	3,710	523	4,460	44,500	6,180	52,300

^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	December 2013					January–December ^{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	18	W	--	W	W	230	386	W	W	W
Cut structural and plate	41	106	30	121	W	474	1,190	425	1,450	W
No. 1 heavy melting steel	64	110	34	131	47	742	1,210	416	1,620	562
No. 2 heavy melting steel	10	133	52	188	56	117	1,760	643	2,290	665
No. 1 and electric furnace bundles	8	132	4	29	W	105	1,660	52	387	W
No. 2 and all other bundles	10	47	W	W	W	121	427	W	182	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	14	--	5	W	W	W	--	W	W
Turnings and borings	13	60	26	73	8	171	703	336	934	101
Slag scrap	6	36	2	W	W	66	460	31	W	W
Shredded and fragmentized	78	276	223	461	76	953	3,230	2,420	5,180	906
No. 1 busheling	54	150	41	124	2	671	1,800	427	1,650	18
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	W
All other carbon steel scrap	38	136	16	43	3	496	1,570	195	650	31
Stainless steel scrap	W	11	--	W	--	W	148	--	W	--
Alloy steel scrap	1	24	--	W	--	8	317	--	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	39	W	7	W	W	470	23	121	W
Other mixed scrap	W	W	W	3	W	W	74	W	33	W
Total	389	1,330	478	1,250	271	4,740	15,800	5,510	15,200	3,240

^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	December 2013					January–December ^{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	237	W	W	W	W
Cut structural and plate	46	119	56	132	W	492	1,330	636	1,450	W
No. 1 heavy melting steel	82	138	34	151	52	890	1,500	406	1,890	620
No. 2 heavy melting steel	14	148	54	199	64	167	1,840	660	2,470	768
No. 1 and electric furnace bundles	20	189	3	31	W	249	2,360	53	393	W
No. 2 and all other bundles	10	49	W	15	W	121	421	W	199	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	28	71	27	68	8	356	734	339	931	102
Slag scrap	10	59	2	24	W	114	680	29	305	W
Shredded and fragmentized	81	303	238	522	76	955	3,510	2,670	5,780	906
No. 1 busheling	58	159	39	169	2	679	1,920	427	1,750	18
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	59	213	17	57	3	779	2,280	242	840	33
Stainless steel scrap	55	18	--	W	--	654	228	--	W	--
Alloy steel scrap	12	37	--	W	--	156	417	--	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	5	10	W	W	595	66	137	W
Other mixed scrap	W	31	W	2	W	W	444	W	31	W
Total	508	1,660	520	1,440	330	6,030	19,200	6,090	16,900	4,040

^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	December 2013		January–December ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	62	20,600	911	298,000
Ecuador	1	103	80	26,600
Mexico	15	4,990	695	249,000
Peru	--	--	341	121,000
Venezuela	--	--	1	1,490
Other ⁴	(5)	188	4	3,510
Total	78	25,900	2,030	700,000
Africa, Europe, Middle East:				
Belgium	2	748	9	7,330
Egypt	116	41,700	873	268,000
Germany	1	560	7	3,850
Italy	30	10,800	121	45,000
Kuwait	--	--	44	15,800
Morocco	25	9,000	75	27,900
Netherlands	(5)	461	11	13,300
Portugal	--	--	39	13,300
Spain	(5)	301	10	8,860
Sweden	(5)	501	3	7,520
Tunisia	--	--	30	10,100
Turkey	499	180,000	5,230	1,880,000
United Arab Emirates	1	506	4	2,410
United Kingdom	(5)	802	7	6,940
Other ⁴	1	905	6	47,900
Total	675	247,000	6,470	2,360,000
Asia, Australia, Oceania:				
Bangladesh	1	516	67	27,100
China	70	62,800	1,830	1,170,000
Hong Kong	3	2,540	61	46,600
India	17	9,240	541	263,000
Indonesia	17	6,700	521	198,000
Japan	57	26,100	96	91,700
Korea, Republic of	432	161,000	2,540	957,000
Malaysia	2	703	527	196,000
Pakistan	16	10,100	221	149,000
Philippines	(5)	95	8	3,590
Singapore	(5)	27	2	4,030
Taiwan	193	76,300	3,020	1,190,000
Thailand	1	547	86	31,000
Vietnam	4	1,320	469	171,000
Other ⁴	(5)	134	4	3,580
Total	814	358,000	9,990	4,510,000
Grand total	1,570	631,000	18,500	7,570,000

-- 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–December 2013 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	December 2013		January–December ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	15	4,910	195	68,800
Chicago, IL	(4)	67	2	1,190
Detroit, MI	20	6,320	234	75,300
Duluth, MN	4	1,320	53	20,200
Great Falls, MT	1	231	12	3,260
Ogdensburg, NY	(4)	92	7	2,530
Pembina, ND	18	7,060	324	119,000
Other	2	447	46	7,000
Total	60	20,400	875	297,000
East coast:				
Baltimore, MD	57	21,400	367	143,000
Boston, MA	89	33,400	1,140	419,000
Charleston, SC	3	3,930	83	50,100
Charlotte, NC	1	1,090	6	8,420
Miami, FL	29	12,100	452	181,000
New York, NY	254	102,000	2,840	1,160,000
Norfolk, VA	49	21,400	336	161,000
Philadelphia, PA	58	21,300	918	330,000
Portland, ME	26	9,230	149	55,600
Providence, RI	79	28,400	598	212,000
Savannah, GA	12	8,020	229	140,000
St. Albans, VT	2	547	35	10,100
Washington, DC	--	--	(4)	5
Total	660	263,000	7,150	2,870,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	1	612	34	11,700
Houston–Galveston, TX	74	31,500	947	437,000
Laredo, TX	9	3,440	398	151,000
Mobile, AL	36	12,800	259	92,400
New Orleans, LA	-4	94	220	79,000
San Juan, PR	10	3,000	256	77,200
Tampa, FL	35	13,300	422	167,000
U.S. Virgin Islands	--	--	7	1,320
Other	(4)	7	1	78
Total	165	64,800	2,540	1,020,000
West coast and Hawaii:				
Columbia–Snake, OR	71	25,300	925	343,000
Honolulu, HI, and Anchorage, AK	3	1,180	136	48,100
Los Angeles, CA	341	151,000	3,930	1,830,000
San Diego, CA	4	926	70	18,100
San Francisco, CA	179	70,700	1,910	757,000
Seattle, WA	83	33,200	954	389,000
Total	682	282,000	7,920	3,390,000
Grand total	1,570	631,000	18,500	7,570,000

-- 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	December 2013		January–December ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	485	174,000	5,980	2,140,000
No. 2 heavy melting steel	107	37,900	912	316,000
No. 1 bundles	44	15,400	358	124,000
No. 2 bundles	1	270	11	1,780
Shredded steel scrap	479	176,000	5,610	2,030,000
Borings, shovelings and turnings	8	2,750	131	44,500
Cut plate and structural	107	39,600	1,090	399,000
Tinned iron or steel	8	4,440	141	59,600
Remelting scrap ingots	1	1,080	16	15,000
Cast iron	23	9,810	356	142,000
Other iron and steel	206	86,000	2,720	1,160,000
Total carbon steel and cast iron	1,470	547,000	17,300	6,440,000
Stainless steel	54	51,800	644	743,000
Other alloy steel	44	31,500	521	389,000
Total stainless and alloy steel	98	83,300	1,170	1,130,000
Total carbon, stainless, alloy steel and cast iron	1,570	631,000	18,500	7,570,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	7	1,030
Used rails for rerolling and other uses	1	1,190	37	35,100
Total scrap exports	1,570	632,000	18,500	7,600,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(4)	46	7	3,410
Pig iron > or = 0.5% phosphorus	--	--	2	350
Alloy pig iron	(4)	3	9	785
Total pig iron	1	49	18	4,550
Direct-reduced iron (DRI)	--	--	(4)	30
Spongy iron products, not DRI	(4)	135	2	2,480
Granules for abrasive cleaning and other uses	3	4,520	35	51,100
Powders of alloy steel	2	4,180	22	54,600
Other ferrous powders	8	8,560	103	113,000
Total DRI, granules, powders	13	17,400	162	221,000
Grand total	1,580	649,000	18,700	7,830,000

-- 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	December 2013		January–December ³	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	67	4	834
Brazil	--	--	5	1,690
Canada	279	102,000	3,230	1,180,000
China	1	423	9	3,890
Dominican Republic	--	--	3	238
Germany	(4)	49	24	9,120
Hong Kong	--	--	4	696
Italy	1	33	6	166
Japan	5	511	11	2,780
Netherlands	29	11,100	29	11,100
Mexico	32	16,000	295	138,000
Sweden	(4)	3	138	53,200
United Kingdom	(4)	29	161	65,900
Other ⁵	4	1,010	9	4,340
Total	351	132,000	3,930	1,470,000

-- 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–December 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	December 2013		January–December ³	
	Quantity	Value	Quantity	Value
Buffalo, NY	63	29,200	733	359,000
Charleston, SC	29	11,100	217	87,000
Chicago, IL	4	1,120	54	9,270
Columbia-Snake, OR	--	--	8	2,320
Detroit, MI	108	40,700	1,260	468,000
Duluth, MN	10	3,150	75	22,100
El Paso, TX	4	1,690	42	16,300
Great Falls, MT	7	2,190	128	39,100
Laredo, TX	25	13,200	188	100,000
Mobile, AL	--	--	69	26,600
New Orleans, LA	5	357	36	11,700
Nogales, AZ	1	262	28	9,050
Norfolk, VA	--	--	1	342
Ogdensburg, NY	4	1,900	56	29,000
Pembina, ND	14	5,280	104	36,900
Portland, ME	1	444	10	3,490
San Diego, CA	4	1,140	43	12,800
San Juan, PR	1	198	4	262
Seattle, WA	65	17,800	779	207,000
St. Albans, VT	2	746	20	6,930
Wilmington, NC	3	464	57	20,800
Other	1	719	13	5,810
Total	351	132,000	3,930	1,470,000

-- 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.

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	December 2013		January–December ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	29	10,500	321	108,000
No. 2 heavy melting steel	19	5,490	168	45,600
No. 1 bundles	103	42,400	1,140	444,000
No. 2 bundles	5	1,730	53	15,400
Shredded steel scrap	35	7,800	471	116,000
Borings, shovelings and turnings	5	1,510	64	14,800
Cut plate and structural	20	7,010	260	82,500
Tinned iron or steel	5	1,880	60	21,400
Remelting scrap ingots	--	--	(4)	56
Cast iron	22	6,610	239	63,600
Other iron and steel	43	12,900	498	149,000
Total carbon steel and cast iron	289	97,800	3,280	1,060,000
Stainless steel	26	18,900	227	211,000
Other alloy steel	36	14,900	418	202,000
Total stainless and alloy steel	62	33,800	645	413,000
Total carbon, stainless, alloy steel and cast iron	351	132,000	3,930	1,470,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(4)	446
Total scrap imports	351	132,000	3,930	1,470,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	314	122,000	4,102	1,640,000
Pig iron < or = 0.5% phosphorus	15	5,850	15	5,880
Alloy pig iron	--	--	(4)	343
Total pig iron	329	128,000	4,120	1,640,000
Direct-reduced iron (DRI)	288	99,200	2,240	775,000
Spongy iron products, not DRI	(4)	313	120	55,200
Granules for abrasive cleaning and other uses	2	1,930	25	24,800
Powders of alloy steel	5	7,120	56	94,300
Other ferrous powders	4	6,430	49	85,700
Total DRI, granules, powders	300	115,000	2,490	1,040,000
Grand total	980	375,000	10,500	4,150,000

-- 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:						
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
December	7,130	86,900	74.0	76.7	98.9	98.8

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:						
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
December	374.79	368.87	377.50	371.54	431.80	424.98

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

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