

Mineral Industry Surveys

For information, contact:

Michael D. Fenton, Iron and Steel Scrap Commodity Specialist
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-4972, Fax: (703) 648-7757
E-mail: mfenton@usgs.gov

Hoa P. Phamdang (Data)
Telephone: (703) 648-7965
Fax: (703) 648-7975
E-mail: hphamdan@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

IRON AND STEEL SCRAP IN NOVEMBER 2012

On a daily average basis in November 2012, estimated consumption of iron and steel scrap increased by 18%, net receipts of purchased scrap increased by 14%, and home scrap production was the same as that of October 2012. Stocks of purchased and home scrap at the end of November 2012 decreased slightly from those at the end of October 2012. These observations are based upon responses from about 30% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 42% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production was 17% greater than that in October 2012 and consumption increased 12% in November 2012 from that in October 2012. Stocks of pig iron at the end of November 2012 increased 8% from those at the end of October 2012.

Exports of iron and steel scrap for the month of November 2012 decreased by 6% from those of October 2012. Turkey was the leading country of destination, accounting for 34% of the total tonnage of exports, followed by Taiwan with 17% and the Republic of Korea with 8% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting

for 23% of the total, followed by Boston, MA, with 14% and New York, NY, with 14% (table 7).

Imports of iron and steel scrap for November 2012 increased by 8% from those of October 2012. Canada was the leading country of origin, accounting for 91% of the total tonnage of imports, followed by Mexico with 8% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 39% of the total, followed by Seattle, WA, with 20% and Buffalo, NY, with 18% (table 10).

The daily average domestic raw steel production for November 2012, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 226,000 metric tons, 3% more than that in October 2012 and 4% less than that in November 2011 (table 12). The electric furnace portion of raw steel production for November 2012 was 58%, slightly less than that in October 2012 and slightly more than that in November 2011.

Raw steel production capability utilization (AISI data) in November 2012 was 70%, an increase from 68% in October 2012 and a decrease from 73% in November 2011 (table 12). Continuous cast steel production in November 2012 accounted for 99% of total raw steel production, compared with 99% for that in October 2012 and 98% for that in November 2011.

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

(Thousand metric tons)

	November 2012			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	2,100	1,970	4,070	24,700	22,800	47,500
Receipts from other own company plants	63	212	275	782	2,490	3,270
Production recirculating scrap	338	227	565	4,530	2,560	7,090
Production obsolete scrap	W	W	11	W	W	127
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	565	W	W	7,020
Electric furnace	1,650	2,300	3,950	18,500	25,900	44,400
Other (including air furnace) ⁶	W	W	W	W	W	W
Total consumption	2,490	2,420	4,910	28,900	27,600	56,600
Shipments	78	17	95	1,080	199	1,280
Stocks, end of period	1,870	1,760	3,620	1,870	1,760	3,620
Pig iron (includes hot metal):						
Receipts	451	84	535	6,170	929	7,100
Production	2,370	--	2,370	25,600	--	25,600
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,560	W	W	27,200
Direct castings ⁷	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,810	78	2,890	31,700	908	32,600
Shipments	--	--	--	W	--	54
Stocks, end of period	W	W	398	W	W	398
Direct-reduced iron:⁸						
Receipts	61	84	145	1,080	665	1,750
Total consumption	308	66	374	2,470	600	3,070
Stocks, end of period	110	92	202	110	92	202

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 2012 data are based on returns from 30% of consumer surveys, representing 42% 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 2012				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	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	101	W	104	137	1,110	W	1,140
Cut structural and plate	482	43	537	247	5,550	593	6,230
No. 1 heavy melting steel	397	80	478	355	4,620	859	5,560
No. 2 heavy melting steel	507	22	545	332	6,010	245	6,290
No. 1 and electric furnace bundles	186	W	259	241	2,160	W	2,970
No. 2 and all other bundles	77	W	78	37	884	W	896
Electric furnace 1 foot and under (not bundles)	2	W	W	W	16	W	W
Railroad rails	22	W	27	21	226	W	264
Turnings and borings	192	3	215	144	2,280	43	2,490
Slag scrap	73	67	117	130	1,010	994	1,510
Shredded and fragmented	1,190	W	1,340	1,070	14,100	W	15,800
No. 1 busheling	363	16	411	326	3,980	174	4,240
Steel cans (post consumer)	10	--	11	2	101	--	102
All other carbon steel scrap	252	102	374	205	2,710	1,450	4,450
Stainless steel scrap	72	27	108	47	795	298	1,200
Alloy steel scrap	31	18	51	167	397	209	635
Ingot mold and stool scrap	W	W	10	15	W	W	114
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	18	W	18	W	W	W	W
Other iron scrap	49	18	97	41	847	297	1,140
Other mixed scrap	38	28	113	86	438	371	1,210
Total	4,070	565	4,910	3,620	47,500	7,090	56,600

^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	November 2012			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	412	143	608	4,480	1,560	6,650
North Central:						
Illinois and Indiana	444	141	586	4,940	1,550	6,380
Iowa, Minnesota, Nebraska, Wisconsin	260	9	277	2,920	96	3,130
Michigan	119	64	164	1,650	1,080	2,230
Ohio	403	72	483	4,930	880	5,910
Total	1,230	286	1,510	14,400	3,610	17,700
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	143	21	213	2,290	512	3,050
Georgia, North Carolina, South Carolina	270	10	286	3,540	194	3,790
Total	412	31	498	5,830	706	6,840
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	715	41	816	7,990	437	8,670
Arkansas, Louisiana, Oklahoma, Texas	1,050	43	1,160	11,900	529	13,300
Total	1,760	84	1,970	19,900	966	21,900
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	255	21	320	2,820	246	3,480
Grand total	4,070	565	4,910	47,500	7,090	56,600

^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 2012					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	206	W	5	W	W
Cut structural and plate	42	77	56	287	W	443	1,050	692	3,140	W
No. 1 heavy melting steel	67	90	33	183	24	733	1,120	392	2,110	266
No. 2 heavy melting steel	10	140	46	271	W	111	1,770	527	3,180	W
No. 1 and electric furnace bundles	8	133	5	36	W	92	1,480	180	377	W
No. 2 and all other bundles	13	38	W	16	W	145	378	W	172	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	6	W	W	W	--	53	W
Turnings and borings	15	55	19	95	9	162	705	272	1,050	94
Slag scrap	11	23	4	34	W	121	342	W	365	W
Shredded and fragmented	75	258	171	539	145	832	3,100	2,290	6,250	1,590
No. 1 busheling	59	137	25	142	W	613	1,490	344	1,510	W
Steel cans (post consumer)	6	W	--	--	--	W	W	--	--	W
All other carbon steel scrap	40	134	14	62	3	450	1,360	147	726	30
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	W	W	--	W	--	W	W	--	W	--
Ingot mold and stool scrap	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	W
Other iron scrap	4	35	3	6	W	W	388	W	84	W
Other mixed scrap	W	5	W	3	W	W	64	W	28	W
Total	412	1,230	412	1,760	255	4,480	14,400	5,830	19,900	2,820

^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	November 2012					January–November 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	1	W	W	212	W	10	W	W
Cut structural and plate	53	102	76	286	W	558	1,270	1,030	3,140	W
No. 1 heavy melting steel	113	117	36	186	26	1,190	1,370	414	2,300	281
No. 2 heavy melting steel	16	149	51	289	W	177	1,780	558	3,330	W
No. 1 and electric furnace bundles	20	190	W	40	W	223	2,160	182	377	W
No. 2 and all other bundles	13	39	W	17	W	144	381	W	187	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	7	W	W	W	--	52	W
Turnings and borings	30	58	21	97	9	339	732	268	1,050	95
Slag scrap	17	51	3	43	W	183	661	W	474	W
Shredded and fragmentized	100	269	203	611	161	1,140	3,320	2,560	6,970	1,780
No. 1 busheling	65	149	24	171	W	675	1,610	342	1,590	W
Steel cans (post consumer)	6	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	65	178	18	110	3	748	1,990	433	1,250	32
Stainless steel scrap	55	W	--	W	--	603	197	--	W	--
Alloy steel scrap	13	28	--	W	--	149	373	--	W	--
Ingot mold and stool scrap	W	6	--	W	--	W	66	--	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	10	48	23	10	W	W	525	387	106	W
Other mixed scrap	W	40	W	3	W	W	387	W	26	W
Total	608	1,510	498	1,970	320	6,650	17,700	6,840	21,900	3,480

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 2012		January–November ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	57	19,100	1,080	368,000
Colombia	--	--	31	11,900
Ecuador	2	460	4	1,370
Guatemala	--	--	30	13,100
Mexico	66	21,900	714	273,000
Peru	32	11,500	153	59,200
Other ⁴	(5)	269	10	4,280
Total	157	53,200	2,020	731,000
Africa, Europe, Middle East:				
Austria	1	615	4	3,020
Belgium	(5)	243	7	6,580
Egypt	--	--	373	151,000
Germany	(5)	71	3	4,240
Italy	(5)	69	33	19,000
Morocco	--	--	25	10,700
Netherlands	2	3,250	14	21,300
Saudi Arabia	35	12,700	116	48,500
Spain	1	711	17	30,900
Turkey	470	165,000	5,980	2,350,000
United Arab Emirates	(5)	77	3	1,070
United Kingdom	(5)	356	2	3,660
Other ⁴	1	339	20	23,300
Total	510	184,000	6,600	2,680,000
Asia, Australia, Oceania:				
Bangladesh	1	343	37	17,300
China	103	83,100	1,750	1,220,000
Hong Kong	6	3,890	60	45,800
India	90	39,700	1,160	517,000
Indonesia	60	21,300	439	176,000
Japan	4	7,590	46	80,300
Korea, Republic of	111	43,100	2,730	1,150,000
Malaysia	32	11,100	657	271,000
Pakistan	14	9,690	198	123,000
Singapore	1	208	5	2,080
Taiwan	230	94,400	3,240	1,420,000
Thailand	6	2,120	357	142,000
Vietnam	59	20,500	497	189,000
Other ⁴	(5)	377	4	4,170
Total	717	337,000	11,200	5,360,000
Grand total	1,380	574,000	19,800	8,770,000

-- 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–November 2012 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	November 2012		January–November ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	14	4,840	243	94,600
Chicago, IL	(4)	71	2	1,000
Detroit, MI	14	4,830	291	95,200
Duluth, MN	1	370	18	7,760
Great Falls, MT	1	366	10	3,370
Ogdensburg, NY	2	549	24	7,960
Pembina, ND	18	6,870	384	150,000
Other	3	631	56	10,600
Total	53	18,500	1,030	371,000
East coast:				
Baltimore, MD	12	4,950	261	113,000
Boston, MA	198	70,400	1,270	512,000
Charleston, SC	7	4,210	116	71,000
Charlotte, NC	1	1,190	13	19,300
Miami, FL	37	15,000	440	183,000
New York, NY	191	79,000	2,770	1,270,000
Norfolk, VA	21	12,700	597	276,000
Philadelphia, PA	46	16,300	823	338,000
Portland, ME	(4)	89	159	64,600
Providence, RI	19	6,340	549	217,000
Savannah, GA	15	9,340	314	183,000
St. Albans, VT	4	1,250	54	19,100
Washington, DC	--	--	(4)	49
Total	549	221,000	7,370	3,270,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	7	2,440	35	12,300
Houston–Galveston, TX	38	22,300	1,190	534,000
Laredo, TX	22	7,200	376	145,000
Mobile, AL	1	884	177	84,200
New Orleans, LA	84	29,200	897	341,000
San Juan, PR	35	10,700	321	111,000
Tampa, FL	27	10,100	321	137,000
U.S. Virgin Islands	--	--	17	2,930
Other	(4)	11	1	946
Total	214	82,800	3,330	1,370,000
West coast and Hawaii:				
Columbia–Snake, OR	62	22,800	1,190	494,000
Honolulu, HI, and Anchorage, AK	36	11,400	175	68,000
Los Angeles, CA	311	152,000	3,850	1,970,000
San Diego, CA	10	2,400	33	9,180
San Francisco, CA	79	34,500	1,730	759,000
Seattle, WA	70	29,100	1,070	457,000
Total	568	252,000	8,050	3,760,000
Grand total	1,380	574,000	19,800	8,770,000

-- 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 2012		January–November	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	409	143,000	6,860	2,720,000
No. 2 heavy melting steel	42	14,100	1,010	386,000
No. 1 bundles	11	3,940	408	150,000
No. 2 bundles	(3)	30	9	2,280
Shredded steel scrap	469	167,000	6,020	2,410,000
Borings, shovelings and turnings	10	3,440	86	31,200
Cut plate and structural	81	29,000	948	379,000
Tinned iron or steel	12	6,240	138	67,400
Remelting scrap ingots	1	1,190	28	31,600
Cast iron	29	12,600	514	215,000
Other iron and steel	195	82,300	2,550	1,140,000
Total carbon steel and cast iron	1,260	463,000	18,600	7,530,000
Stainless steel	54	66,800	573	742,000
Other alloy steel	72	44,700	642	492,000
Total stainless and alloy steel	126	112,000	1,220	1,230,000
Total carbon, stainless, alloy steel and cast iron	1,380	574,000	19,800	8,770,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	34	4	906
Used rails for rerolling and other uses	3	3,660	33	34,300
Total scrap exports	1,390	578,000	19,800	8,800,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	410	10	5,250
Pig iron > 0.5% phosphorus	3	222	6	501
Alloy pig iron	1	73	76	1,860
Total pig iron	5	705	93	7,610
Direct-reduced iron (DRI)	(3)	4	(3)	57
Spongy iron products, not DRI	1	243	5	3,330
Granules for abrasive cleaning and other uses	4	6,350	37	50,000
Powders of alloy steel	1	3,590	11	40,600
Other ferrous powders	6	6,610	78	88,900
Total DRI, granules, powders	12	16,800	132	183,000
Grand total	1,400	596,000	20,000	8,990,000

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.

³Less 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 2012		January–November ³	
	Quantity	Value	Quantity	Value
Bahamas, The	1	133	8	1,560
Canada	259	101,000	2,790	1,170,000
France	--	--	16	6,950
Germany	(4)	219	48	21,500
Japan	(4)	70	2	891
Korea, Republic of	(4)	5	4	1,580
Mexico	24	10,300	215	112,000
Netherlands	--	--	135	59,400
Sweden	--	--	72	31,800
United Kingdom	(4)	652	103	48,800
Other ⁵	2	795	20	11,000
Total	286	113,000	3,420	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–November 2012 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 2012		January–November ³	
	Quantity	Value	Quantity	Value
Buffalo, NY	50	30,400	573	379,000
Charleston, SC	(4)	128	187	82,400
Chicago, IL	4	663	28	3,400
Columbia-Snake, OR	10	2,950	53	18,000
Detroit, MI	111	42,200	989	409,000
Duluth, MN	4	1,640	29	12,100
El Paso, TX	4	1,390	39	16,600
Great Falls, MT	10	3,150	130	46,300
Laredo, TX	11	6,190	79	61,200
Los Angeles, CA	3	871	18	8,270
Miami, FL	1	202	8	2,030
Mobile, AL	--	--	35	16,300
New Orleans, LA	(4)	79	121	49,600
New York, NY	2	1,000	6	5,240
Nogales, AZ	2	741	25	10,000
Ogdensburg, NY	3	1,810	33	28,400
Pembina, ND	9	2,810	68	26,300
Portland, ME	(4)	107	9	3,550
San Diego, CA	4	1,150	58	17,800
Seattle, WA	56	15,300	877	244,000
Tampa, FL	--	--	8	2,260
Wilmington, NC	--	--	36	16,600
Other	2	596	8	7,010
Total	286	113,000	3,420	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.

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 2012		January–November	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	20	6,730	233	82,400
No. 2 heavy melting steel	6	1,580	86	26,300
No. 1 bundles	86	28,600	975	397,000
No. 2 bundles	1	302	17	4,310
Shredded steel scrap	24	4,870	368	94,900
Borings, shovelings and turnings	7	1,710	80	19,700
Cut plate and structural	20	5,570	246	73,300
Tinned iron or steel	6	2,100	86	28,900
Remelting scrap ingots	(3)	77	(3)	278
Cast iron	18	4,750	194	60,900
Other iron and steel	52	16,100	559	166,000
Total carbon steel and cast iron	241	72,300	2,850	954,000
Stainless steel	17	17,300	145	224,000
Other alloy steel	28	23,700	428	288,000
Total stainless and alloy steel	45	41,000	572	512,000
Total carbon, stainless, alloy steel and cast iron	286	113,000	3,420	1,470,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	22
Total scrap imports	286	113,000	3,420	1,470,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	315	133,000	3,870	1,740,000
Pig iron > or = 0.5% phosphorus	--	--	(3)	200
Alloy pig iron	--	--	(3)	196
Total pig iron	315	133,000	3,870	1,740,000
Direct-reduced iron (DRI)	245	80,800	2,310	865,000
Spongy iron products, not DRI	(3)	496	222	83,100
Granules for abrasive cleaning and other uses	2	2,170	20	20,200
Powders of alloy steel	4	6,520	50	89,700
Other ferrous powders	3	5,080	75	76,800
Total DRI, granules, powders	254	95,000	2,680	1,130,000
Grand total	855	342,000	9,970	4,340,000

-- Zero.

¹Import valuation is on a Customs basis.

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

³Less 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
2011:						
November	7,040	78,900	73.0	74.4	98.0	97.7
December	7,490	86,400	75.2	74.4	98.0	97.8
2012:						
January	7,710	7,710	77.6	77.6	98.4	98.4
February	7,550	15,300	80.7	79.1	98.3	98.4
March	7,970	23,200	79.6	79.3	98.4	98.4
April	7,830	31,100	80.9	79.7	98.4	98.4
May	7,920	39,000	79.2	79.6	98.7	98.5
June	7,240	46,200	74.8	78.8	98.6	98.5
July	7,330	53,600	73.3	78.0	98.8	98.5
August	7,630	61,200	76.3	77.8	98.7	98.6
September	6,810	68,000	70.4	77.0	98.4	98.5
October	6,800	74,800	68.0	76.1	98.7	98.6
November	6,780	81,600	70.1	75.5	98.7	98.6

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 ¹			
	No. 1 HMS		No. 1 HMS		Pig Iron ²	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2011:						
October	405.95	399.54	408.30	401.85	553.21	544.47
November	379.75	373.75	373.33	367.43	497.84	489.98
December	396.41	390.15	339.50	334.14	497.84	489.98
Average, January–December	410.99	404.49	398.20	391.91	528.37	520.02
2012:						
January	424.42	417.72	428.17	421.41	516.13	507.98
February	406.16	399.75	401.17	394.83	520.70	512.48
March	402.76	396.40	401.92	395.57	520.70	512.48
April	395.08	388.84	399.17	392.87	520.70	512.48
May	398.55	392.26	399.17	392.87	520.70	512.48
June	356.34	350.71	357.08	351.44	520.70	512.48
July	315.32	310.34	316.83	311.83	439.42	432.48
August	356.84	351.20	359.59	353.91	448.31	441.23
September	349.79	344.27	312.84	307.90	452.12 ^r	444.98 ^r
October	312.56	307.62	312.84	307.90	458.22	450.88
November	341.14	335.75	347.08	341.60	467.36	459.98

^rRevised.

¹Formerly Iron Age.

²Prices are Brazilian basic pig iron, f.o.b. New Orleans, LA.

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