

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN DECEMBER 2012

On a daily average basis in December 2012, estimated consumption of iron and steel scrap decreased by 3%, home scrap production decreased by 5%, and net receipts of purchased scrap were the same as those of November 2012. Stocks of purchased and home scrap increased slightly from those at the end of November 2012. These observations are based upon responses from about 29% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 41% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production was the same as that in November 2012 and consumption increased slightly in December 2012 from that in November 2012. Stocks of pig iron at the end of December 2012 decreased slightly from those at the end of November 2012.

Exports of iron and steel scrap for the month of December 2012 increased by 16% from those of November 2012. Turkey was the leading country of destination, accounting for 26% of the total tonnage of exports, followed by Taiwan with 17% and China with 12% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 25% of the total, followed by San Francisco, CA, with 14% and New York, NY, with 11% (table 7).

Imports of iron and steel scrap for December 2012 increased by 5% from those of November 2012. Canada was the leading country of origin, accounting for 73% of the total tonnage of imports, followed by the United Kingdom with 12%, and the Netherlands with 9% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 32% of the total, followed by Seattle, WA, with 18% and Buffalo, NY, with 13% (table 10).

The daily average domestic raw steel production for December 2012, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 231,000 metric tons, slightly more than that in November 2012 and 5% less than that in December 2011 (table 12). The electric furnace portion of raw steel production for December 2012 was 60%, slightly more than that in November 2012 and an increase from 57% in December 2011.

Raw steel production capability utilization (AISI data) in December 2012 was 72%, an increase from 70% in November 2012 and a decrease from 75% in December 2011 (table 12). Continuous cast steel production in December 2012 accounted for 99% of total raw steel production, the same as that in November 2012, compared with 98% for that in December 2011.

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

(Thousand metric tons)

	December 2012			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	2,180	2,020	4,200	27,100	24,800	51,900
Receipts from other own company plants	82	194	276	886	2,680	3,570
Production recirculating scrap	340	227	567	4,870	5,320	10,200
Production obsolete scrap	W	W	11	W	W	138
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	625	W	W	7,650
Electric furnace	1,610	2,280	3,880	20,200	28,100	48,300
Other (including air furnace) ⁶	W	W	W	W	W	W
Total consumption	2,580	2,350	4,930	31,700	29,900	61,700
Shipments	81	16	97	1,160	2,790	3,950
Stocks, end of period	1,870	1,850	3,720	1,870	1,850	3,720
Pig iron (includes hot metal):						
Receipts	460	75	535	6,620	988	7,610
Production	2,450	--	2,450	28,100	--	28,100
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,770	W	W	30,000
Direct castings ⁷	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,910	83	3,000	34,600	973	35,600
Shipments	--	--	--	W	--	54
Stocks, end of period	W	W	389	W	W	389
Direct-reduced iron:⁸						
Receipts	70	72	142	1,220	708	1,930
Total consumption	361	75	436	2,900	675	3,570
Stocks, end of period	86	61	147	86	61	147

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 2012 data are based on returns from 29% of consumer surveys, representing 41% 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 2012				January–December 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	120	W	119	141	1,230	W	1,260
Cut structural and plate	506	54	570	250	6,060	647	6,790
No. 1 heavy melting steel	387	83	505	354	5,250	975	6,350
No. 2 heavy melting steel	529	25	543	362	6,760	303	7,170
No. 1 and electric furnace bundles	206	W	275	251	2,610	W	3,520
No. 2 and all other bundles	88	W	101	44	1,170	W	1,230
Electric furnace 1 foot and under (not bundles)	2	W	W	W	18	W	W
Railroad rails	20	W	23	21	245	W	287
Turnings and borings	198	4	224	139	2,520	47	2,750
Slag scrap	71	66	107	134	1,090	1,060	1,620
Shredded and fragmented	1,210	W	1,300	1,090	14,400	W	16,000
No. 1 busheling	381	18	423	314	4,430	192	4,710
Steel cans (post consumer)	10	--	10	2	112	--	112
All other carbon steel scrap	244	93	363	209	2,980	3,290	4,820
Stainless steel scrap	82	26	102	62	873	1,190	1,300
Alloy steel scrap	23	18	38	170	419	229	672
Ingot mold and stool scrap	W	W	5	13	W	W	119
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	14	W	11	W	W	W	W
Other iron scrap	68	19	97	53	956	315	1,260
Other mixed scrap	38	35	104	91	474	406	1,320
Total	4,200	567	4,930	3,720	51,900	10,200	61,700

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	December 2012			January–December 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	421	148	622	4,900	1,710	7,270
North Central:						
Illinois and Indiana	461	123	594	5,480	1,670	7,050
Iowa, Minnesota, Nebraska, Wisconsin	253	8	271	3,170	104	3,400
Michigan	137	64	171	1,790	1,120	2,380
Ohio	349	77	434	5,280	3,540	6,340
Total	1,200	272	1,470	15,700	6,440	19,200
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	150	21	198	2,460	531	3,250
Georgia, North Carolina, South Carolina	317	19	367	3,880	199	4,150
Total	466	40	564	6,340	730	7,400
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	748	43	815	8,730	487	9,460
Arkansas, Louisiana, Oklahoma, Texas	1,100	44	1,150	13,000	573	14,500
Total	1,850	87	1,960	21,800	1,060	24,000
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	265	21	313	3,180	252	3,860
Grand total	4,200	567	4,930	51,900	10,200	61,700

³Preliminary.

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 2012					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	19	W	--	W	W	225	W	5	W	W
Cut structural and plate	44	91	57	292	W	488	1,150	748	3,430	W
No. 1 heavy melting steel	67	90	31	154	44	800	1,250	417	2,260	531
No. 2 heavy melting steel	10	138	47	275	59	121	1,900	570	3,450	714
No. 1 and electric furnace bundles	8	139	4	31	W	101	1,630	198	402	W
No. 2 and all other bundles	12	32	W	16	W	157	409	W	188	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	W	W	W	W	--	W	W
Turnings and borings	16	57	22	95	9	177	771	318	1,150	102
Slag scrap	11	22	4	33	W	132	373	W	398	W
Shredded and fragmentized	76	248	198	617	73	907	3,340	2,430	6,870	879
No. 1 busheling	64	133	32	151	W	676	1,650	406	1,670	W
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	W
All other carbon steel scrap	43	126	14	57	3	492	1,480	183	789	32
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	W	36	W	6	W	W	444	W	90	W
Other mixed scrap	W	4	W	2	W	W	50	W	24	W
Total	421	1,200	466	1,850	265	4,900	15,700	6,340	21,800	3,180

^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 2012					January–December 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	231	W	11	W	W
Cut structural and plate	52	108	94	294	W	611	1,390	1,120	3,420	W
No. 1 heavy melting steel	112	126	38	180	49	1,300	1,530	447	2,480	588
No. 2 heavy melting steel	16	126	52	286	64	193	1,910	608	3,690	763
No. 1 and electric furnace bundles	20	190	W	34	W	244	2,360	199	406	W
No. 2 and all other bundles	13	33	W	16	W	157	413	W	203	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	W	W	W	W	--	W	W
Turnings and borings	32	62	27	94	9	372	805	315	1,150	103
Slag scrap	17	42	4	42	W	200	711	W	516	W
Shredded and fragmentized	105	284	227	612	73	1,240	3,580	2,720	7,560	879
No. 1 busheling	71	144	34	172	W	746	1,780	404	1,760	W
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	67	174	20	98	3	816	2,150	463	1,360	35
Stainless steel scrap	55	W	--	W	--	654	W	--	W	--
Alloy steel scrap	13	14	--	W	--	163	386	--	W	--
Ingot mold and stool scrap	W	1	--	W	--	W	67	--	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	55	22	9	W	W	602	412	115	W
Other mixed scrap	W	38	W	3	W	W	421	W	23	W
Total	622	1,470	564	1,960	313	7,270	19,200	7,400	24,000	3,860

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 2012		January–December ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	75	25,100	1,150	393,000
Colombia	--	--	31	11,900
Ecuador	36	12,700	40	14,000
Guatemala	--	--	30	13,100
Mexico	76	26,600	790	299,000
Peru	31	12,600	184	71,800
Other ⁴	(5)	191	10	4,470
Total	219	77,200	2,240	808,000
Africa, Europe, Middle East:				
Austria	(5)	486	4	3,510
Belgium	(5)	172	7	6,750
Egypt	--	--	373	151,000
Germany	(5)	204	3	4,440
Italy	33	13,200	66	32,200
Morocco	--	--	25	10,700
Netherlands	1	957	15	22,300
Saudi Arabia	(5)	57	116	48,500
Spain	(5)	622	17	31,500
Turkey	416	155,000	6,400	2,510,000
United Arab Emirates	--	--	3	1,070
United Kingdom	(5)	74	2	3,730
Other ⁴	1	907	21	24,200
Total	451	172,000	7,050	2,850,000
Asia, Australia, Oceania:				
Bangladesh	4	1,620	41	18,900
China	199	118,000	1,940	1,340,000
Hong Kong	5	3,660	65	49,500
India	67	30,500	1,220	547,000
Indonesia	82	28,700	521	205,000
Japan	4	6,500	51	86,800
Korea, Republic of	94	39,800	2,820	1,190,000
Malaysia	154	56,000	811	327,000
Pakistan	19	12,600	217	135,000
Singapore	1	186	6	2,270
Taiwan	271	109,000	3,510	1,530,000
Thailand	5	1,490	362	143,000
Vietnam	31	10,500	528	200,000
Other ⁴	(5)	349	4	4,700
Total	936	420,000	12,100	5,780,000
Grand total	1,610	668,000	21,400	9,430,000

-- 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.

⁴Includes countries with January–December 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	December 2012		January–December ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	20	6,770	263	101,000
Chicago, IL	(4)	36	2	1,040
Detroit, MI	18	6,210	309	101,000
Duluth, MN	2	650	20	8,410
Great Falls, MT	1	405	11	3,770
Ogdensburg, NY	1	319	25	8,280
Pembina, ND	27	9,720	411	160,000
Other	3	593	59	11,200
Total	72	24,700	1,100	396,000
East coast:				
Baltimore, MD	14	5,750	275	118,000
Boston, MA	63	25,400	1,340	537,000
Charleston, SC	5	2,990	121	74,000
Charlotte, NC	1	1,780	14	21,100
Miami, FL	42	16,700	482	200,000
New York, NY	183	83,200	2,950	1,350,000
Norfolk, VA	37	17,500	634	293,000
Philadelphia, PA	114	43,100	937	381,000
Portland, ME	21	8,320	180	72,900
Providence, RI	55	20,900	604	238,000
Savannah, GA	14	9,790	328	193,000
St. Albans, VT	3	830	57	19,900
Washington, DC	--	--	(4)	49
Total	552	236,000	7,920	3,500,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	6	2,320	41	14,600
Houston–Galveston, TX	96	42,000	1,290	576,000
Laredo, TX	31	11,100	407	156,000
Mobile, AL	2	1,110	179	85,300
New Orleans, LA	32	11,700	929	353,000
San Juan, PR	18	4,930	339	116,000
Tampa, FL	9	4,850	330	142,000
U.S. Virgin Islands	--	--	17	2,930
Other	1	22	1	968
Total	195	78,000	3,530	1,450,000
West coast and Hawaii:				
Columbia–Snake, OR	61	22,700	1,250	517,000
Honolulu, HI, and Anchorage, AK	3	990	178	69,000
Los Angeles, CA	404	181,000	4,260	2,150,000
San Diego, CA	11	2,720	44	11,900
San Francisco, CA	220	85,100	1,950	845,000
Seattle, WA	88	36,400	1,160	493,000
Total	787	329,000	8,840	4,090,000
Grand total	1,610	668,000	21,400	9,430,000

-- 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 2012		January–December	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	473	174,000	7,330	2,890,000
No. 2 heavy melting steel	102	37,000	1,110	423,000
No. 1 bundles	15	5,670	423	156,000
No. 2 bundles	3	797	12	3,080
Shredded steel scrap	548	202,000	6,570	2,610,000
Borings, shovelings and turnings	14	5,240	100	36,400
Cut plate and structural	91	33,100	1,040	412,000
Tinned iron or steel	14	5,900	152	73,300
Remelting scrap ingots	1	893	29	32,500
Cast iron	32	13,100	546	228,000
Other iron and steel	189	82,300	2,740	1,230,000
Total carbon steel and cast iron	1,480	560,000	20,000	8,090,000
Stainless steel	51	62,200	624	804,000
Other alloy steel	74	46,300	716	539,000
Total stainless and alloy steel	125	108,000	1,340	1,340,000
Total carbon, stainless, alloy steel and cast iron	1,610	668,000	21,400	9,430,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	6	5	912
Used rails for rerolling and other uses	2	3,320	35	37,600
Total scrap exports	1,610	672,000	21,400	9,470,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	289	11	5,540
Pig iron > 0.5% phosphorus	(3)	27	6	528
Alloy pig iron	1	196	77	2,060
Total pig iron	2	512	95	8,130
Direct-reduced iron (DRI)	--	--	(3)	57
Spongy iron products, not DRI	(3)	235	5	3,570
Granules for abrasive cleaning and other uses	2	3,480	39	53,400
Powders of alloy steel	1	3,600	12	44,200
Other ferrous powders	6	6,680	84	95,600
Total DRI, granules, powders	10	14,000	141	197,000
Grand total	1,620	686,000	21,700	9,680,000

-- 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.

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	December 2012		January–December ³	
	Quantity	Value	Quantity	Value
Bahamas, The	1	104	8	1,670
Canada	220	92,000	3,010	1,260,000
France	--	--	16	6,950
Germany	(4)	43	48	21,500
Japan	1	173	3	1,060
Korea, Republic of	--	--	4	1,580
Mexico	16	8,120	231	120,000
Netherlands	26	9,530	161	68,900
Sweden	--	--	72	31,800
United Kingdom	36	14,300	139	63,100
Other ⁵	(4)	342	20	11,400
Total	300	125,000	3,720	1,590,000

-- 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 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	December 2012		January–December ³	
	Quantity	Value	Quantity	Value
Buffalo, NY	39	25,800	612	405,000
Charleston, SC	26	9,570	213	91,900
Chicago, IL	(4)	42	28	3,440
Columbia-Snake, OR	10	3,200	63	21,200
Detroit, MI	95	39,200	1,080	449,000
Duluth, MN	2	975	31	13,000
El Paso, TX	3	1,170	42	17,800
Great Falls, MT	13	3,510	143	49,800
Laredo, TX	7	5,140	86	66,300
Los Angeles, CA	(4)	55	18	8,320
Miami, FL	(4)	72	8	2,100
Mobile, AL	(4)	63	35	16,300
New Orleans, LA	36	14,300	157	63,900
New York, NY	(4)	5	6	5,240
Nogales, AZ	3	956	28	11,000
Ogdensburg, NY	2	1,160	35	29,500
Pembina, ND	5	2,340	73	28,600
Portland, ME	(4)	74	9	3,620
San Diego, CA	3	835	61	18,600
Seattle, WA	53	15,600	930	260,000
Tampa, FL	(4)	78	9	2,340
Wilmington, NC	(4)	101	36	16,800
Other	3	467	11	7,360
Total	300	125,000	3,720	1,590,000

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	December 2012		January–December	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	18	6,020	251	88,400
No. 2 heavy melting steel	10	2,860	96	29,200
No. 1 bundles	90	32,600	1,070	430,000
No. 2 bundles	1	204	18	4,510
Shredded steel scrap	50	17,100	418	112,000
Borings, shovelings and turnings	5	1,050	85	20,800
Cut plate and structural	17	5,110	263	78,400
Tinned iron or steel	5	1,960	91	30,800
Remelting scrap ingots	--	--	(3)	278
Cast iron	13	4,600	207	65,500
Other iron and steel	52	15,400	611	181,000
Total carbon steel and cast iron	262	86,900	3,110	1,040,000
Stainless steel	11	12,300	155	236,000
Other alloy steel	28	25,500	456	313,000
Total stainless and alloy steel	38	37,700	611	550,000
Total carbon, stainless, alloy steel and cast iron	300	125,000	3,720	1,590,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	22
Total scrap imports	300	125,000	3,720	1,590,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	399	157,000	4,268	1,900,000
Pig iron > or = 0.5% phosphorus	--	--	(3)	200
Alloy pig iron	--	--	(3)	196
Total pig iron	399	157,000	4,270	1,900,000
Direct-reduced iron (DRI)	162	56,600	2,470	921,000
Spongy iron products, not DRI	67	19,100	289	102,000
Granules for abrasive cleaning and other uses	1	1,490	21	21,700
Powders of alloy steel	4	7,750	54	97,400
Other ferrous powders	3	5,920	78	82,700
Total DRI, granules, powders	237	90,900	2,920	1,230,000
Grand total	936	372,000	10,900	4,720,000

-- 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:						
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
December	7,180	88,800	71.7	75.2	99.1	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:						
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	444.98
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
December	349.39	343.87	347.50	342.01	467.36	459.98

¹Formerly Iron Age.

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

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