

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN SEPTEMBER 2012

On a daily average basis in September 2012, estimated consumption of iron and steel scrap was up slightly, net receipts of purchased scrap were up by 6%, and home scrap production was up by 5% from that of August 2012. Stocks of purchased and home scrap at the end of September 2012 were up slightly from those at the end of August 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 39% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production and consumption were down by 12% and 4%, respectively, in September 2012 from those in August 2012. Stocks of pig iron at the end of September 2012 were down by 9% from those at the end of August 2012.

Exports of iron and steel scrap for the month of September 2012 decreased by 21% from those of August 2012. Turkey was the leading country of destination, accounting for 40% of the total tonnage of exports, followed by the Republic of Korea with 16%, and Taiwan with 15% (table 6). New York, NY, was the leading U.S. Customs district for tonnage of exports, accounting for 21% of the total, followed by Los Angeles, CA, with 18% and San Francisco, CA, with 8% (table 7).

Imports of iron and steel scrap for September 2012 were down slightly from those of August 2012. Canada was the leading country of origin, accounting for 84% of the total tonnage of imports, followed by the United Kingdom with 9%, and Mexico with 5% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 30% of the total, followed by Seattle, WA, with 26% and Buffalo, NY, with 15% (table 10).

The daily average domestic raw steel production for September 2012, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 227,000 metric tons, down by 8% from that in August 2012 and down by 6% from that in September 2011 (table 12). The electric furnace portion of raw steel production for September 2012 was 60%, up from 58% in August 2012 and up from 57% in September 2011.

Raw steel production capability utilization (AISI data) in September 2012 was 70%, down from 76% in August 2012 and down from 76% in September 2011 (table 12). Continuous cast steel production in September 2012 accounted for 98% of total raw steel production, down from that in August 2012 and the same as that in September 2011.

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

(Thousand metric tons)

	September 2012			January–September 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	1,850	2,060	3,910	16,200	18,600	34,900
Receipts from other own company plants	44	237	281	445	2,210	2,660
Production recirculating scrap	430	236	666	3,870	2,090	5,960
Production obsolete scrap	W	W	11	W	W	106
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	696	W	W	6,020
Electric furnace	1,230	2,370	3,600	12,000	21,400	33,300
Other (including air furnace) ⁶	W	W	W	W	W	W
Total consumption	2,150	2,510	4,660	19,700	22,800	42,500
Shipments	91	17	108	910	165	1,080
Stocks, end of period	1,950	1,670	3,620	1,950	1,670	3,620
Pig iron (includes hot metal):						
Receipts	671	61	732	4,960	763	5,720
Production	2,020	--	2,020	21,200	--	21,200
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,330	W	W	22,600
Direct castings ⁷	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,700	81	2,780	26,100	761	26,800
Shipments	W	--	5	W	--	54
Stocks, end of period	W	W	403	W	W	403
Direct-reduced iron:⁸						
Receipts	104	35	139	932	494	1,430
Total consumption	284	63	347	1,940	480	2,420
Stocks, end of period	130	41	171	130	41	171

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. September 2012 data are based on returns from 30% of consumer surveys, representing 39% 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	September 2012				January–September ^{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	55	W	58	137	498	W	522
Cut structural and plate	357	53	406	253	3,000	507	3,620
No. 1 heavy melting steel	391	84	484	320	3,550	702	4,390
No. 2 heavy melting steel	452	23	492	329	4,220	201	4,490
No. 1 and electric furnace bundles	201	W	278	246	1,780	W	2,490
No. 2 and all other bundles	86	W	86	38	739	W	756
Electric furnace 1 foot and under (not bundles)	1	W	W	W	12	W	W
Railroad rails	23	W	25	19	181	W	231
Turnings and borings	191	4	197	136	1,720	35	1,880
Slag scrap	79	90	128	137	717	834	1,180
Shredded and fragmented	1,210	W	1,300	1,040	10,700	W	12,100
No. 1 busheling	366	16	399	304	3,260	144	3,490
Steel cans (post consumer)	10	--	10	3	86	--	86
All other carbon steel scrap	229	144	368	197	2,170	1,240	3,430
Stainless steel scrap	72	27	108	45	650	244	985
Alloy steel scrap	34	18	53	163	336	173	532
Ingot mold and stool scrap	W	W	12	14	W	W	97
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	W	W	18	W	W	W	W
Other iron scrap	76	23	101	126	696	261	922
Other mixed scrap	42	39	115	83	355	349	1,020
Total	3,910	666	4,660	3,620	34,900	5,960	42,500

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

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

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

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

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

(Thousand metric tons)

Region and State	September 2012			January–September ^{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	413	145	609	3,750	1,280	5,530
North Central:						
Illinois and Indiana	453	142	574	4,090	1,270	5,330
Iowa, Minnesota, Nebraska, Wisconsin	252	13	276	2,290	118	2,510
Michigan	162	100	213	1,390	924	1,890
Ohio	448	83	534	4,110	738	4,930
Total	1,320	338	1,600	11,900	3,050	14,700
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	215	53	290	1,980	471	2,660
Georgia, North Carolina, South Carolina	350	20	338	2,970	169	3,180
Total	565	73	628	4,950	640	5,840
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	770	41	774	6,540	358	7,100
Arkansas, Louisiana, Oklahoma, Texas	586	47	731	5,440	435	6,580
Total	1,360	88	1,510	12,000	793	13,700
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	256	22	317	2,310	201	2,840
Grand total	3,910	666	4,660	34,900	5,960	42,500

^pPreliminary.

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

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

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

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

(Thousand metric tons)

Item	September 2012					January–September ^{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	169	W	4	W	W
Cut structural and plate	40	99	67	130	W	367	891	581	973	W
No. 1 heavy melting steel	68	104	39	155	24	616	913	334	1,470	218
No. 2 heavy melting steel	10	150	43	209	W	90	1,480	424	1,880	W
No. 1 and electric furnace bundles	8	138	W	32	W	76	1,200	W	310	W
No. 2 and all other bundles	13	37	W	W	W	120	310	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	7	W	W	W	--	39	W
Turnings and borings	16	65	21	80	9	132	546	238	723	77
Slag scrap	11	30	W	18	W	99	281	W	165	W
Shredded and fragmentized	79	293	237	459	145	722	2,600	1,910	4,120	1,300
No. 1 busheling	53	140	25	147	W	512	1,240	287	1,210	W
Steel cans (post consumer)	6	W	--	--	--	54	W	--	--	W
All other carbon steel scrap	42	116	15	53	3	373	1,090	120	555	24
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	5	28	W	9	W	44	278	W	70	W
Other mixed scrap	W	7	W	5	W	W	52	W	20	W
Total	413	1,320	565	1,360	256	3,750	11,900	4,950	12,000	2,310

^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	September 2012					January–September 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	173	W	9	W	W
Cut structural and plate	47	109	100	129	W	461	1,090	860	1,020	W
No. 1 heavy melting steel	110	126	39	184	26	980	1,130	355	1,700	230
No. 2 heavy melting steel	16	160	48	227	W	144	1,480	456	2,060	W
No. 1 and electric furnace bundles	20	206	W	31	W	183	1,780	W	318	W
No. 2 and all other bundles	13	37	W	19	W	120	309	W	160	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	6	W	W	W	--	57	W
Turnings and borings	33	59	18	78	9	278	567	238	723	77
Slag scrap	17	58	W	34	W	150	557	W	293	W
Shredded and fragmentized	106	304	234	498	161	972	2,800	2,150	4,740	1,450
No. 1 busheling	61	150	28	159	W	567	1,340	279	1,290	W
Steel cans (post consumer)	6	W	--	--	--	54	W	--	--	--
All other carbon steel scrap	67	179	43	77	3	617	1,640	398	749	26
Stainless steel scrap	55	W	--	W	--	494	164	--	W	--
Alloy steel scrap	13	29	--	W	--	123	316	--	W	--
Ingot mold and stool scrap	W	7	--	W	--	W	57	--	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	12	44	37	7	W	108	394	340	75	W
Other mixed scrap	W	38	W	3	W	W	356	W	19	W
Total	609	1,600	628	1,510	317	5,530	14,700	5,840	13,700	2,840

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	September 2012		January–September ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	94	33,800	950	325,000
Colombia	(4)	9	31	11,900
Ecuador	(4)	60	2	841
Guatemala	--	--	30	13,100
Mexico	52	19,200	564	222,000
Peru	59	23,300	90	36,200
Other ⁵	1	173	6	3,300
Total	206	76,500	1,670	613,000
Africa, Europe, Middle East:				
Belgium	(4)	691	7	6,070
Egypt	1	331	373	151,000
Finland	--	--	6	11,500
Germany	(4)	147	3	3,940
Italy	(4)	476	33	18,900
Morocco	--	--	25	10,700
Netherlands	2	3,180	11	15,700
Portugal	--	--	6	1,070
Saudi Arabia	--	--	81	35,800
Spain	(4)	588	15	28,800
Turkey	656	249,000	5,080	2,040,000
United Arab Emirates	1	217	3	817
United Kingdom	(4)	104	2	3,090
Other ⁵	(4)	1,100	7	11,300
Total	661	256,000	5,650	2,340,000
Asia, Australia, Oceania:				
Bangladesh	4	1,600	33	15,700
China	91	81,400	1,550	1,050,000
Hong Kong	8	4,800	49	37,700
India	67	30,700	971	434,000
Indonesia	26	10,100	285	120,000
Japan	3	5,540	39	66,700
Korea, Republic of	254	100,000	2,370	1,020,000
Malaysia	29	11,200	621	258,000
Pakistan	22	14,000	163	99,300
Philippines	(4)	12	4	1,710
Singapore	1	350	4	1,760
Taiwan	238	99,600	2,760	1,230,000
Thailand	6	2,080	348	139,000
Vietnam	20	7,320	412	159,000
Other ⁵	1	35	2	1,910
Total	768	369,000	9,610	4,630,000
Grand total	1,640	701,000	16,900	7,580,000

-- Zero.

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

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

³May include revisions to previously published data.

⁴Less than ½ unit.

⁵Includes countries with January–September 2012 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	September 2012		January–September ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	25	10,200	217	84,500
Chicago, IL	(4)	61	2	907
Detroit, MI	21	7,100	254	82,900
Duluth, MN	2	817	16	7,020
Great Falls, MT	1	421	8	2,650
Ogdensburg, NY	2	714	20	6,840
Pembina, ND	34	13,200	346	136,000
Other	4	700	49	9,270
Total	89	33,200	911	330,000
East coast:				
Baltimore, MD	67	26,800	235	102,000
Boston, MA	105	40,700	1,070	440,000
Charleston, SC	11	6,880	101	60,600
Charlotte, NC	1	2,330	10	15,300
Miami, FL	35	14,900	367	153,000
New York, NY	342	144,000	2,390	1,110,000
Norfolk, VA	63	26,200	528	241,000
Philadelphia, PA	81	32,100	703	296,000
Portland, ME	13	5,350	116	49,200
Providence, RI	27	9,940	483	194,000
Savannah, GA	22	13,000	279	162,000
St. Albans, VT	6	2,060	45	16,000
Washington, DC	--	--	(4)	30
Total	774	325,000	6,330	2,840,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	4	1,510	24	8,610
Houston–Galveston, TX	73	32,200	1,030	460,000
Laredo, TX	36	13,200	313	123,000
Mobile, AL	25	10,100	172	81,100
New Orleans, LA	42	16,500	725	282,000
San Juan, PR	19	6,510	269	95,300
Tampa, FL	30	12,400	289	124,000
U.S. Virgin Islands	--	--	12	2,040
Other	(4)	12	(4)	204
Total	229	92,400	2,840	1,180,000
West coast and Hawaii:				
Columbia–Snake, OR	65	26,200	1,060	447,000
Honolulu, HI, and Anchorage, AK	4	2,310	135	53,900
Los Angeles, CA	302	149,000	3,240	1,670,000
San Diego, CA	2	453	15	4,110
San Francisco, CA	127	53,700	1,530	673,000
Seattle, WA	43	19,200	880	381,000
Total	543	251,000	6,860	3,230,000
Grand total	1,640	701,000	16,900	7,580,000

-- Zero.

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

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

³May include revisions to previously published data.

⁴Less than ½ unit.

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	September 2012		January–September	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	586	222,000	5,940	2,400,000
No. 2 heavy melting steel	77	29,000	871	340,000
No. 1 bundles	35	12,900	383	141,000
No. 2 bundles	1	180	7	2,040
Shredded steel scrap	479	181,000	5,150	2,100,000
Borings, shoveling and turnings	10	3,810	70	25,800
Cut plate and structural	82	32,200	794	324,000
Tinned iron or steel	10	4,690	116	57,100
Remelting scrap ingots	3	2,960	25	28,600
Cast iron	38	16,600	452	189,000
Other iron and steel	208	90,700	2,150	969,000
Total carbon steel and cast iron	1,530	597,000	16,000	6,580,000
Stainless steel	54	64,200	458	604,000
Other alloy steel	52	40,500	507	396,000
Total stainless and alloy steel	106	105,000	965	1,000,000
Total carbon, stainless, alloy steel and cast iron	1,640	701,000	16,900	7,580,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	73	4	872
Used rails for rerolling and other uses	3	3,670	21	22,200
Total scrap exports	1,640	705,000	17,000	7,600,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	449	8	4,410
Pig iron > 0.5% phosphorus	(3)	4	1	69
Alloy pig iron	(3)	3	75	1,520
Total pig iron	1	456	84	6,010
Direct-reduced iron (DRI)	(3)	3	(3)	43
Spongy iron products, not DRI	(3)	305	3	2,940
Granules for abrasive cleaning and other uses	3	4,160	30	38,700
Powders of alloy steel	1	4,240	9	34,100
Other ferrous powders	7	7,560	67	76,100
Total DRI, granules, powders	12	16,300	109	152,000
Grand total	1,650	722,000	17,200	7,760,000

-- 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	September 2012		January–September ³	
	Quantity	Value	Quantity	Value
Bahamas, The	2	456	7	1,350
Canada	220	87,400	2,290	972,000
Cayman Islands	(4)	31	6	1,580
France	--	--	16	6,950
Germany	(4)	7	47	21,200
Japan	(4)	73	2	652
Korea, Republic of	--	--	4	1,570
Mexico	14	7,220	174	93,100
Netherlands	--	--	135	59,400
Panama	(4)	16	1	298
Sweden	(4)	114	70	30,900
United Kingdom	24	9,740	103	47,900
Other ⁵	(4)	192	10	8,040
Total	261	105,000	2,870	1,250,000

-- 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–September 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	September 2012		January–September ³	
	Quantity	Value	Quantity	Value
Boston, MA	--	--	1	447
Buffalo, NY	40	28,200	469	315,000
Charleston, SC	24	9,710	187	82,100
Chicago, IL	6	553	24	2,520
Columbia-Snake, OR	8	2,720	35	11,900
Detroit, MI	77	31,400	797	336,000
Duluth, MN	2	873	23	8,730
El Paso, TX	3	1,240	32	13,700
Great Falls, MT	12	3,920	106	38,500
Laredo, TX	4	3,760	59	49,600
Los Angeles, CA	4	1,150	14	7,320
Miami, FL	(4)	97	7	1,680
Mobile, AL	(4)	25	33	15,400
New Orleans, LA	(4)	52	121	49,600
New York, NY	(4)	28	3	4,220
Nogales, AZ	2	633	21	8,810
Ogdensburg, NY	2	1,620	27	24,900
Pembina, ND	5	1,840	56	21,600
Portland, ME	(4)	138	8	3,260
San Diego, CA	2	519	50	15,400
Savannah, GA	--	--	1	373
Seattle, WA	68	16,200	745	210,000
Tampa, FL	2	389	8	2,230
Wilmington, NC	(4)	6	36	16,600
Other	(4)	203	4	5,190
Total	261	105,000	2,870	1,250,000

-- 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	September 2012		January–September	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	23	7,670	187	67,300
No. 2 heavy melting steel	5	1,360	73	22,700
No. 1 bundles	43	15,600	822	347,000
No. 2 bundles	1	292	15	3,880
Shredded steel scrap	49	14,200	317	85,100
Borings, shovelings and turnings	6	1,450	66	16,400
Cut plate and structural	22	6,500	208	62,600
Tinned iron or steel	6	1,970	72	24,200
Remelting scrap ingots	--	--	(3)	201
Cast iron	19	5,770	164	52,200
Other iron and steel	50	14,700	457	135,000
Total carbon steel and cast iron	225	69,500	2,380	817,000
Stainless steel	9	12,100	118	191,000
Other alloy steel	27	23,700	367	237,000
Total stainless and alloy steel	36	35,800	485	428,000
Total carbon, stainless, alloy steel and cast iron	261	105,000	2,870	1,250,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	22
Total scrap imports	261	105,000	2,870	1,250,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	259	107,000	3,120	1,430,000
Pig iron > or = 0.5% phosphorus	--	--	(3)	200
Alloy pig iron	--	--	(3)	93
Total pig iron	259	107,000	3,120	1,430,000
Direct-reduced iron (DRI)	186	67,300	1,830	702,000
Spongy iron products, not DRI	33	10,800	189	71,300
Granules for abrasive cleaning and other uses	2	1,530	16	16,300
Powders of alloy steel	5	8,850	42	75,200
Other ferrous powders	4	6,680	68	65,400
Total DRI, granules, powders	229	95,200	2,140	930,000
Grand total	749	308,000	8,140	3,610,000

-- 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:						
September	7,240	64,700	76.1	74.8	98.1	97.6
October	7,160	71,900	71.9	74.5	97.9	97.7
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

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	
	\$/t	\$/t	\$/t	\$/t	\$/t	\$/t
2011:						
August	418.55	411.94	417.16	410.57	558.80	549.97
September	416.83	410.25	416.83	410.25	558.80	549.97
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	NA	NA	NA	NA	NA	NA

NA Not available.

¹Formerly Iron Age.

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

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