

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN APRIL 2013

On a daily average basis in April 2013, estimated consumption of iron and steel scrap was unchanged, net receipts of purchased scrap increased by 3%, and home scrap production was unchanged from that of March 2013. Stocks of purchased and home scrap at the end of April increased by 4% from those at the end of March. These observations are based upon responses from about 27% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 32% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production decreased by 16%, and consumption decreased by 4% in April 2013 from those in March 2013. Stocks of pig iron at the end of April increased by 17% from those at the end of March.

Exports of iron and steel scrap in April 2013 decreased by 50% from those of March 2013. Taiwan was the leading country of destination, accounting for 25% of the total tonnage of exports, followed by China with 13%, and the Republic of Korea with 11% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 33% of the total, followed by New York, NY, with 13%, and Boston, MA, with 12% (table 7).

Imports of iron and steel scrap for April 2013 increased by 26% from those of March 2013. Canada was the leading country of origin, accounting for 83% of the total tonnage of imports, followed by Sweden with 9%, and Mexico with 7% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 36% of the total, followed by Buffalo, NY, with 18%, and Seattle, WA, with 16% (table 10).

The daily average domestic raw steel production for April 2013, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 238,000 metric tons, slightly more than that in March 2013, and 9% less than that in April 2012 (table 12). The electric furnace portion of raw steel production for April 2013 was 61%, a slight increase from that in March 2013 and in April 2012.

Raw steel production capability utilization (AISI data) in April 2013 was 77%, an increase from 76% in March 2013 and a decrease from 81% in April 2012 (table 12). Continuous cast steel production in April 2013 accounted for 99% of total raw steel production, the same as that in March 2013, and an increase from 98% in April 2012.

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

(Thousand metric tons)

	April 2013			January–April ³		
	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,770	2,140	3,910	7,040	7,900	14,900
Receipts from other own company plants	35	177	212	152	654	806
Production recirculating scrap	322	181	503	1,380	704	2,080
Production obsolete scrap	W	W	7	W	W	27
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	665	W	W	2,550
Electric furnace	1,330	2,120	3,440	5,240	8,520	13,800
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	2,070	2,240	4,310	8,340	9,050	17,400
Shipments	94	15	109	365	62	427
Stocks, end of period	1,780	1,910	3,690	1,780	1,910	3,690
Pig iron (includes hot metal):						
Receipts	785	87	872	2,340	307	2,650
Production	1,780	--	1,780	8,360	--	8,360
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,290	W	W	9,730
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,510	74	2,590	10,700	300	11,000
Shipments	W	W	W	W	W	W
Stocks, end of period	218	201	419	218	201	419
Direct-reduced iron:⁸						
Receipts	349	59	408	631	212	843
Total consumption	353	44	397	1,370	198	1,570
Stocks, end of period	107	74	181	107	74	181

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. April 2013 data are based on returns from 27% of consumer surveys, representing 32% 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	April 2013				January–April 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	59	W	61	W	234	W	244
Cut structural and plate	344	W	389	276	1,370	156	1,530
No. 1 heavy melting steel	363	51	430	282	1,480	209	1,760
No. 2 heavy melting steel	469	30	488	352	1,800	115	1,950
No. 1 and electric furnace bundles	209	W	278	250	841	W	1,110
No. 2 and all other bundles	94	W	99	39	392	W	416
Electric furnace 1 foot and under (not bundles)	2	W	W	W	7	W	W
Railroad rails	27	--	27	15	109	--	112
Turnings and borings	200	4	190	134	757	14	763
Slag scrap	61	80	97	113	246	325	391
Shredded and fragmentized	1,230	W	1,120	1,230	4,280	W	4,510
No. 1 busheling	376	W	394	315	1,540	W	1,600
Steel cans (post consumer)	11	--	10	2	42	--	42
All other carbon steel scrap	221	88	326	159	910	398	1,350
Stainless steel scrap	72	27	109	44	294	107	434
Alloy steel scrap	28	18	49	W	118	73	197
Ingot mold and stool scrap	W	W	8	14	W	W	32
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	W	W	W	W	W	W	W
Other iron scrap	69	21	82	36	288	85	355
Other mixed scrap	W	35	124	97	150	147	485
Total	3,910	503	4,310	3,690	14,900	2,080	17,400

^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	April 2013			January–April ^{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	361	58	435	1,540	244	1,800
North Central:						
Illinois and Indiana	467	117	570	1,840	546	2,350
Iowa, Minnesota, Nebraska, Wisconsin	240	13	266	969	33	1,050
Michigan	150	94	208	604	384	829
Ohio	459	85	543	1,750	326	2,180
Total	1,320	309	1,590	5,150	1,290	6,400
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	176	21	216	653	81	844
Georgia, North Carolina, South Carolina	542	14	364	1,500	68	1,420
Total	718	35	580	2,150	149	2,260
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	638	30	710	2,740	122	2,910
Arkansas, Louisiana, Oklahoma, Texas	605	46	661	2,280	183	2,650
Total	1,240	77	1,370	5,020	306	5,570
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	271	24	338	1,080	93	1,370
Grand total	3,910	503	4,310	14,900	2,080	17,400

^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	April 2013					January–April 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	76	W	W	W	W
Cut structural and plate	39	104	62	119	W	160	389	245	495	W
No. 1 heavy melting steel	41	99	33	143	47	223	389	133	548	188
No. 2 heavy melting steel	10	151	55	199	56	39	560	213	764	223
No. 1 and electric furnace bundles	9	140	4	33	W	37	559	17	135	W
No. 2 and all other bundles	10	35	W	W	W	39	156	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	W	W	W	W	W	W	W
Turnings and borings	14	59	32	87	8	60	231	111	321	34
Slag scrap	6	34	4	W	W	22	136	14	W	W
Shredded and fragmentized	70	278	W	405	76	318	1,060	967	1,630	304
No. 1 busheling	60	152	38	123	2	234	603	139	557	6
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	W
All other carbon steel scrap	33	119	16	51	3	128	488	64	219	10
Stainless steel scrap	W	12	--	W	--	W	51	--	W	--
Alloy steel scrap	1	24	--	W	--	2	99	--	W	--
Ingot mold and stool scrap	W	W	--	--	--	W	W	--	--	--
Machinery and cupola cast iron	--	W	W	W	--	W	W	W	W	--
Cast iron borings	W	W	W	--	W	W	W	W	--	W
Other iron scrap	W	37	W	6	W	W	153	W	37	W
Other mixed scrap	W	W	W	4	W	W	W	W	W	W
Total	361	1,320	718	1,240	271	1,540	5,150	2,150	5,020	1,080

^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	April 2013					January–April 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	20	W	W	W	W	78	W	W	W	W
Cut structural and plate	40	110	95	124	W	164	437	370	481	W
No. 1 heavy melting steel	64	124	35	155	52	279	495	139	637	207
No. 2 heavy melting steel	14	155	53	202	64	56	603	211	819	258
No. 1 and electric furnace bundles	9	204	4	34	W	38	817	17	127	W
No. 2 and all other bundles	10	35	W	W	W	39	153	W	65	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	15	57	30	80	8	65	236	109	320	34
Slag scrap	10	57	4	25	W	38	228	14	102	W
Shredded and fragmented	68	287	227	462	76	310	1,150	887	1,850	304
No. 1 busheling	62	161	34	136	2	235	640	142	580	6
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	51	181	23	68	3	200	764	83	289	11
Stainless steel scrap	53	19	--	W	--	213	76	--	W	--
Alloy steel scrap	5	34	--	W	--	22	134	--	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	45	24	8	W	W	198	101	39	W
Other mixed scrap	W	37	W	W	W	W	147	W	W	W
Total	435	1,590	580	1,370	338	1,800	6,400	2,260	5,570	1,370

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	April 2013		January–April ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	80	28,000	325	112,000
Ecuador	(4)	18	1	263
Mexico	62	22,500	226	83,600
Peru	--	--	95	35,200
Venezuela	--	--	1	208
Other ⁵	(4)	125	1	995
Total	143	50,600	649	233,000
Africa, Europe, Middle East:				
Belgium	1	1,110	1	1,750
Egypt	47	17,500	372	136,000
Italy	70	26,000	71	26,200
Morocco	--	--	50	18,900
Netherlands	1	1,980	5	7,170
Portugal	6	1,110	39	13,300
Saudi Arabia	1	261	1	261
Spain	1	1,310	4	4,530
Turkey	50	18,200	1,690	639,000
Other ⁵	3	1,790	5	5,900
Total	179	69,300	2,240	853,000
Asia, Australia, Oceania:				
Bangladesh	12	4,690	37	14,500
China	129	84,000	676	429,000
Hong Kong	4	2,740	34	19,900
India	59	29,900	252	119,000
Indonesia	38	13,800	234	89,400
Japan	4	5,430	18	26,100
Korea, Republic of	109	46,300	744	293,000
Malaysia	3	1,240	95	37,500
Pakistan	18	12,800	69	47,000
Taiwan	242	101,000	1,050	436,000
Thailand	6	2,270	22	7,000
Vietnam	34	12,200	251	93,300
Other ⁵	(4)	526	1	3,070
Total	658	317,000	3,480	1,610,000
Grand total	980	436,000	6,370	2,700,000

-- 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–April 2013 quantities of less than 500 metric tons.

Source: U.S. Census Bureau.

TABLE 7
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION AND
SELECTED CUSTOMS DISTRICT^{1,2}

(Thousand metric tons and thousand dollars)

Region and customs district	April 2013		January–April ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	18	6,620	68	23,700
Detroit, MI	17	5,970	67	23,800
Duluth, MN	3	1,170	14	5,600
Great Falls, MT	1	298	4	1,180
Ogdensburg, NY	1	345	4	1,320
Pembina, ND	32	12,100	141	52,600
Other	3	585	14	2,420
Total	76	27,100	312	111,000
East coast:				
Baltimore, MD	14	5,980	123	50,000
Boston, MA	118	43,900	452	173,000
Charleston, SC	9	6,020	39	21,400
Charlotte, NC	(4)	511	2	3,630
Miami, FL	50	20,100	149	62,100
New York, NY	125	58,400	992	420,000
Norfolk, VA	8	6,400	150	66,000
Philadelphia, PA	(4)	202	260	98,700
Portland, ME	(4)	59	35	14,000
Providence, RI	--	--	155	57,900
Savannah, GA	22	12,800	115	64,500
St. Albans, VT	4	1,200	11	3,440
Washington, DC	(4)	5	(4)	5
Total	351	156,000	2,490	1,030,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	1	313	10	3,520
Houston–Galveston, TX	25	15,500	454	199,000
Laredo, TX	27	10,000	114	42,700
Mobile, AL	2	1,420	92	32,700
New Orleans, LA	1	536	120	46,100
San Juan, PR	17	5,210	93	29,400
Tampa, FL	8	4,530	134	54,700
U.S. Virgin Islands	6	1,110	6	1,110
Other	(4)	8	1	29
Total	87	38,700	1,020	410,000
West coast and Hawaii:				
Columbia–Snake, OR	30	12,500	344	135,000
Honolulu, HI, and Anchorage, AK	6	1,870	41	14,800
Los Angeles, CA	323	150,000	1,310	633,000
San Diego, CA	7	1,780	25	7,480
San Francisco, CA	76	34,400	588	243,000
Seattle, WA	25	14,700	242	111,000
Total	466	215,000	2,550	1,140,000
Grand total	980	436,000	6,370	2,700,000

-- 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	April 2013		January–April ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	272	95,600	2,050	762,000
No. 2 heavy melting steel	16	5,970	250	92,100
No. 1 bundles	12	4,680	137	48,100
No. 2 bundles	6	646	9	1,270
Shredded steel scrap	261	97,500	1,790	681,000
Borings, shovelings and turnings	8	2,270	63	21,700
Cut plate and structural	39	15,500	412	159,000
Tinned iron or steel	10	5,020	45	21,500
Remelting scrap ingots	1	721	5	3,920
Cast iron	28	11,800	127	53,000
Other iron and steel	223	98,100	1,070	456,000
Total carbon steel and cast iron	876	338,000	5,950	2,300,000
Stainless steel	61	66,300	219	254,000
Other alloy steel	43	32,400	195	147,000
Total stainless and alloy steel	104	98,700	414	401,000
Total carbon, stainless, alloy steel and cast iron	980	436,000	6,370	2,700,000
Ships, boats, and other vessels for breaking up (for scrapping)	4	628	5	712
Used rails for rerolling and other uses	6	5,530	19	19,000
Total scrap exports	990	443,000	6,390	2,720,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(4)	226	6	2,640
Pig iron > or = 0.5% phosphorus	--	--	1	64
Alloy pig iron	1	127	3	369
Total pig iron	1	353	10	3,080
Direct-reduced iron (DRI)	--	--	(4)	22
Spongy iron products, not DRI	(4)	188	2	1,500
Granules for abrasive cleaning and other uses	3	3,210	12	16,200
Powders of alloy steel	1	4,940	7	18,900
Other ferrous powders	9	9,790	32	34,700
Total DRI, granules, powders	13	18,100	53	71,300
Grand total	1,000	461,000	6,450	2,790,000

-- 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	April 2013		January–April ³	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	101	2	423
Canada	236	86,200	917	371,000
China	(4)	409	2	939
Germany	(4)	97	2	338
Japan	(4)	41	1	305
Mexico	20	9,630	75	38,100
Sweden	26	10,000	68	28,400
United Kingdom	(4)	55	71	29,700
Other ⁵	(4)	240	5	1,940
Total	283	107,000	1,140	471,000

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ship, 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–April 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	April 2013		January–April ³	
	Quantity	Value	Quantity	Value
Buffalo, NY	50	24,800	207	122,000
Charleston, SC	(4)	50	90	36,900
Chicago, IL	5	732	5	947
Columbia-Snake, OR	--	--	8	2,320
Detroit, MI	101	37,600	379	149,000
Duluth, MN	5	1,410	11	3,820
El Paso, TX	3	1,340	12	4,680
Great Falls, MT	18	6,060	55	17,700
Laredo, TX	11	6,410	40	25,800
Mobile, AL	26	10,000	29	12,200
New Orleans, LA	(4)	53	24	9,590
Nogales, AZ	2	821	8	2,890
Ogdensburg, NY	5	2,510	17	12,800
Pembina, ND	3	1,350	10	5,090
Portland, ME	1	179	2	784
San Diego, CA	4	1,050	16	4,690
Seattle, WA	44	10,300	218	54,300
St Albans, VT	4	1,390	6	2,070
Wilmington, NC	(4)	407	2	1,040
Other	1	377	4	2,010
Total	283	107,000	1,140	471,000

-- 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	April 2013		January–April ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	24	8,090	75	24,100
No. 2 heavy melting steel	11	2,850	36	10,400
No. 1 bundles	84	32,100	340	130,000
No. 2 bundles	4	1,050	11	2,520
Shredded steel scrap	29	6,010	145	38,200
Borings, shovelings and turnings	4	1,010	17	3,980
Cut plate and structural	24	7,800	76	24,700
Tinned iron or steel	4	1,400	21	7,430
Remelting scrap ingots	(4)	45	-4	45
Cast iron	19	5,490	61	19,200
Other iron and steel	34	10,300	171	50,300
Total carbon steel and cast iron	237	76,100	953	311,000
Stainless steel	14	16,200	58	74,900
Other alloy steel	33	14,500	130	84,600
Total stainless and alloy steel	47	30,700	189	160,000
Total carbon, stainless, alloy steel and cast iron	283	107,000	1,140	471,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(4)	3
Total scrap imports	283	107,000	1,140	471,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	347	145,000	1,230	480,000
Pig iron < or = 0.5% phosphorus	--	--	(4)	26
Alloy pig iron	--	--	(4)	113
Total pig iron	347	145,000	1,230	480,000
Direct-reduced iron (DRI)	223	76,900	680	231,000
Spongy iron products, not DRI	(4)	528	53	18,800
Granules for abrasive cleaning and other uses	2	1,840	8	7,480
Powders of alloy steel	5	8,200	18	31,300
Other ferrous powders	5	8,110	18	31,200
Total DRI, granules, powders	235	95,500	777	319,000
Grand total	866	348,000	3,150	1,270,000

-- 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:						
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
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

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
2012:						
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
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

¹Formerly Iron Age.

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

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