

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN FEBRUARY 2013

On a daily average basis in February 2013, estimated consumption of iron and steel scrap increased by 7%, net receipts of purchased scrap increased by 6%, and home scrap production decreased by 5% from that of January 2013. Stocks of purchased and home scrap at the end of February 2013 decreased by 8% from those at the end of January 2013. These observations are based upon responses from about 29% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 34% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production increased slightly and consumption increased by 6% in February 2013 from those in January 2013. Stocks of pig iron at the end of February 2013 decreased by 18% from those at the end of January 2013.

Exports of iron and steel scrap in February 2013 increased by 24% from those of January 2013. Turkey was the leading country of destination, accounting for 32% of the total tonnage of exports, followed by Taiwan, with 14%, and China, with 13% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 17% of the total,

followed by New York, NY, with 14%, and Houston-Galveston, TX, with 11% (table 7).

Imports of iron and steel scrap for February 2013 decreased by 32% from those of January 2013. 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 37% of the total, followed by Seattle, WA, with 25%, and Buffalo, NY, with 21% (table 10).

The daily average domestic raw steel production for February 2013, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 243,000 metric tons, increased slightly from that in January 2013, and decreased by 7% from that in February 2012 (table 12). The electric furnace portion of raw steel production for February 2013 was 59%, increased from 58% in January 2013, and decreased from 60% in February 2012.

Raw steel production capability utilization (AISI data) in February 2013 was 78%, increased from 77% in January 2013, and decreased from 81% in February 2012 (table 12). Continuous cast steel production in February 2013 accounted for 99% of total raw steel production, the same as that in January 2013, and increased from 98% in February 2012.

TABLE 1  
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS<sup>1,2</sup>

(Thousand metric tons)

	February 2013			January–February <sup>3</sup>		
	Integrated steel producers <sup>4</sup>	Electric furnace steel producers <sup>5</sup>	Total for steel producers	Integrated steel producers <sup>4</sup>	Electric furnace steel producers <sup>5</sup>	Total for steel producers
<b>Scrap:</b>						
Receipts from dealers and other sources	1,690	1,840	3,530	3,400	3,800	7,200
Receipts from other own company plants	35	155	190	79	314	393
Production recirculating scrap	340	172	512	668	343	1,010
Production obsolete scrap	W	W	7	W	W	13
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	634	W	W	1,160
Electric furnace	1,320	2,080	3,400	2,640	4,190	6,830
Other (including air furnace) <sup>6</sup>	W	--	W	W	--	W
Total consumption	2,070	2,240	4,300	4,100	4,490	8,590
Shipments	81	15	96	166	30	196
Stocks, end of period	1,800	1,680	3,480	1,800	1,680	3,480
<b>Pig iron (includes hot metal):</b>						
Receipts	477	56	533	931	135	1,070
Production	2,230	--	2,230	4,580	--	4,580
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	2,510	W	W	5,060
Direct castings <sup>7</sup>	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,740	76	2,820	5,540	147	5,680
Shipments	W	W	W	W	W	W
Stocks, end of period	153	185	338	153	185	338
<b>Direct-reduced iron:<sup>8</sup></b>						
Receipts	129	57	186	220	93	313
Total consumption	318	46	364	658	104	762
Stocks, end of period	143	50	193	143	50	193

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." -- Zero.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings. February 2013 data are based on returns from 29% of consumer surveys, representing 34% of scrap consumption during this month, and estimates for nonrespondents of this survey.

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Includes data for electric furnaces operated by integrated steel producers.

<sup>5</sup>Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

<sup>6</sup>Includes vacuum melting furnaces and miscellaneous uses.

<sup>7</sup>Includes ingot molds and stools.

<sup>8</sup>Includes 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<sup>1,2</sup>

(Thousand metric tons)

Item	February 2013				January–February <sup>p,3</sup>		
	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 <sup>4</sup>	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 <sup>4</sup>
Carbon steel:							
Low-phosphorus plate and punchings	58	W	61	W	117	W	122
Cut structural and plate	322	38	375	261	647	76	737
No. 1 heavy melting steel	367	51	441	288	742	103	887
No. 2 heavy melting steel	418	29	473	348	875	56	957
No. 1 and electric furnace bundles	205	W	276	248	411	W	540
No. 2 and all other bundles	100	W	105	39	196	W	207
Electric furnace 1 foot and under (not bundles)	2	W	W	W	3	W	W
Railroad rails	27	--	28	13	54	--	59
Turnings and borings	179	3	192	115	361	6	376
Slag scrap	60	81	97	123	114	143	185
Shredded and fragmentized	967	W	1,110	1,070	2,010	W	2,210
No. 1 busheling	376	12	402	289	747	25	804
Steel cans (post consumer)	10	--	10	2	21	--	20
All other carbon steel scrap	216	101	332	176	448	203	669
Stainless steel scrap	72	26	107	44	148	53	217
Alloy steel scrap	29	19	49	W	59	37	99
Ingot mold and stool scrap	W	W	8	13	W	W	16
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	10	W	W	W	30	W	W
Other iron scrap	70	20	91	40	144	44	183
Other mixed scrap	35	34	118	74	71	73	240
Total	3,530	512	4,300	3,480	7,200	1,010	8,590

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Includes 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<sup>1,2</sup>

(Thousand metric tons)

Region and State	February 2013			January–February <sup>p,3</sup>		
	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 <sup>4</sup>	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 <sup>4</sup>
<b>Mid-Atlantic and New England:</b>						
New Jersey, New York, Pennsylvania	381	62	449	779	123	906
<b>North Central:</b>						
Illinois and Indiana	449	140	589	899	281	1,170
Iowa, Minnesota, Nebraska, Wisconsin	243	7	262	489	13	524
Michigan	145	90	204	284	165	373
Ohio	386	76	528	852	160	1,080
Total	1,220	314	1,580	2,520	618	3,150
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	160	21	213	328	40	417
Georgia, North Carolina, South Carolina	305	19	343	598	35	675
Total	465	40	555	926	75	1,090
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	664	30	726	1,340	61	1,450
Arkansas, Louisiana, Oklahoma, Texas	525	44	652	1,090	89	1,300
Total	1,190	74	1,380	2,430	150	2,750
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	271	23	339	542	45	684
Grand total	3,530	512	4,300	7,200	1,010	8,590

<sup>p</sup>Preliminary.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4  
 RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1, 2, 3, 4</sup>

(Thousand metric tons)

Item	February 2013					January–February <sup>P, 5</sup>				
	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	38	W	W	W	W
Cut structural and plate	38	94	56	113	W	77	188	113	229	W
No. 1 heavy melting steel	57	99	34	131	47	121	195	66	267	94
No. 2 heavy melting steel	10	123	48	182	56	20	268	104	372	111
No. 1 and electric furnace bundles	9	136	4	32	W	19	276	9	60	W
No. 2 and all other bundles	10	41	W	W	W	19	83	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	15	55	26	75	8	30	110	50	153	17
Slag scrap	6	32	3	W	W	11	59	7	W	W
Shredded and fragmentized	80	243	178	390	76	164	518	359	814	152
No. 1 busheling	58	149	38	129	W	118	301	68	257	W
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	W
All other carbon steel scrap	30	115	W	52	3	63	239	W	109	5
Stainless steel scrap	W	11	--	W	--	W	W	--	W	--
Alloy steel scrap	--	24	--	W	--	1	W	--	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	38	W	8	W	W	78	W	18	W
Other mixed scrap	W	W	W	W	W	W	W	W	W	W
Total	381	1,220	465	1,190	271	779	2,520	926	2,430	542

<sup>P</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

<sup>1</sup>Scrap received from brokers, dealers, and other outside sources.

<sup>2</sup>A breakout of the States within each region is provided in Table 3.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>4</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>5</sup>May include revisions to previously published data.

TABLE 5  
CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1, 2, 3</sup>

(Thousand metric tons)

Item	February 2013					January–February <sup>4</sup>				
	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	39	W	W	W	W
Cut structural and plate	44	108	92	113	W	82	215	177	223	W
No. 1 heavy melting steel	69	127	34	160	52	144	247	70	322	104
No. 2 heavy melting steel	14	144	50	201	64	28	297	99	405	129
No. 1 and electric furnace bundles	9	204	4	33	W	19	395	9	63	W
No. 2 and all other bundles	10	40	W	16	W	19	78	W	33	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	7	W	W	W	--	16	W
Turnings and borings	17	60	27	80	8	33	117	52	158	17
Slag scrap	10	56	4	26	W	19	103	7	52	W
Shredded and fragmentized	80	275	213	463	76	158	561	428	913	152
No. 1 busheling	58	158	39	146	W	116	318	72	296	W
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	48	192	20	69	3	99	385	39	140	6
Stainless steel scrap	53	18	--	W	--	W	38	--	W	--
Alloy steel scrap	6	33	--	W	--	12	67	--	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	51	26	10	W	W	104	50	20	W
Other mixed scrap	W	36	W	1	W	W	73	W	2	W
Total	449	1,580	555	1,380	339	906	3,150	1,090	2,750	684

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

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

<sup>2</sup>A breakout of the States within each region is provided in Table 3.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>4</sup>May include revisions to previously published data.

TABLE 6  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and country	February 2013		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Canada	77	25,900	164	57,100
Ecuador	(4)	98	1	245
Mexico	58	21,900	139	52,200
Peru	32	11,800	64	23,700
Other <sup>5</sup>	(4)	301	1	649
Total	167	60,000	369	134,000
<b>Africa, Europe, Middle East:</b>				
Egypt	86	29,300	125	43,100
Morocco	27	10,500	27	10,500
Netherlands	1	1,540	2	3,300
Portugal	33	12,200	33	12,200
Spain	(4)	295	1	1,530
Turkey	595	228,000	1,080	409,000
Other <sup>5</sup>	1	1,550	3	2,960
Total	743	283,000	1,270	483,000
<b>Asia, Australia, Oceania:</b>				
Bangladesh	6	2,540	15	5,990
China	237	140,000	368	235,000
Hong Kong	12	6,900	26	13,200
India	68	31,200	140	63,100
Indonesia	83	32,500	117	46,000
Japan	6	8,100	10	13,300
Korea, Republic of	229	87,800	408	156,000
Malaysia	2	740	6	1,930
Pakistan	17	11,300	33	21,500
Taiwan	268	113,000	532	220,000
Thailand	5	1,360	8	2,630
Vietnam	46	17,200	123	45,200
Other <sup>5</sup>	(4)	1,060	(4)	1,500
Total	979	453,000	1,790	825,000
Grand total	1,890	796,000	3,420	1,440,000

<sup>1</sup>Includes 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.

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

<sup>5</sup>Includes countries with January–February 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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and customs district	February 2013		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>Canada–United States border:</b>				
Buffalo, NY	17	5,610	35	12,000
Detroit, MI	12	4,400	33	12,700
Duluth, MN	2	974	6	2,460
Great Falls, MT	1	246	2	685
Ogdensburg, NY	1	249	2	581
Pembina, ND	36	13,400	72	26,800
Other	4	564	8	1,210
Total	73	25,400	158	56,400
<b>East coast:</b>				
Baltimore, MD	43	17,200	55	22,400
Boston, MA	121	47,100	196	76,300
Charleston, SC	13	6,850	23	11,700
Charlotte, NC	1	1,310	2	2,510
Miami, FL	32	14,000	63	27,500
New York, NY	265	113,000	566	235,000
Norfolk, VA	59	21,500	108	42,400
Philadelphia, PA	86	33,700	125	48,900
Portland, ME	24	9,530	29	11,500
Providence, RI	33	12,500	81	30,600
Savannah, GA	26	15,900	71	38,200
St. Albans, VT	2	614	5	1,450
Total	706	293,000	1,330	549,000
<b>Gulf coast and Mexico–United States border (includes Caribbean territories):</b>				
El Paso, TX	2	741	8	2,780
Houston–Galveston, TX	214	87,400	324	136,000
Laredo, TX	23	8,260	59	22,000
Mobile, AL	51	17,400	53	18,600
New Orleans, LA	50	18,900	50	19,100
San Juan, PR	40	13,300	55	17,400
Tampa, FL	35	14,300	38	16,500
Other	(4)	4	(4)	14
Total	415	160,000	587	233,000
<b>West coast and Hawaii:</b>				
Columbia–Snake, OR	119	46,800	206	79,000
Honolulu, HI, and Anchorage, AK	25	9,610	30	11,300
Los Angeles, CA	321	163,000	638	315,000
San Diego, CA	5	1,860	11	3,480
San Francisco, CA	152	63,700	305	123,000
Seattle, WA	73	33,100	162	71,900
Total	695	318,000	1,350	603,000
Grand total	1,890	796,000	3,420	1,440,000

<sup>1</sup>Includes 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.

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

Source: U.S. Census Bureau.



TABLE 8  
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	February 2013		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	597	226,000	1,120	417,000
No. 2 heavy melting steel	70	26,000	144	52,400
No. 1 bundles	62	20,900	76	26,500
No. 2 bundles	(4)	135	2	458
Shredded steel scrap	566	218,000	967	369,000
Borings, shovelings and turnings	23	8,200	40	14,400
Cut plate and structural	163	63,300	242	93,600
Tinned iron or steel	11	5,930	21	10,800
Remelting scrap ingots	1	958	3	2,410
Cast iron	33	13,700	68	28,300
Other iron and steel	261	112,000	532	223,000
Total carbon steel and cast iron	1,790	695,000	3,210	1,240,000
Stainless steel	54	64,100	105	122,000
Other alloy steel	48	37,600	108	81,500
Total stainless and alloy steel	102	102,000	213	204,000
Total carbon, stainless, alloy steel and cast iron	1,890	796,000	3,420	1,440,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	49	1	84
Used rails for rerolling and other uses	5	4,990	6	6,270
Total scrap exports	1,890	801,000	3,430	1,450,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	303	3	919
Alloy pig iron	(4)	36	1	120
Total pig iron	1	339	4	1,040
Direct-reduced iron (DRI)	--	--	(4)	22
Spongy iron products, not DRI	(4)	183	1	508
Granules for abrasive cleaning and other uses	3	4,980	6	9,560
Powders of alloy steel	2	4,260	4	8,550
Other ferrous powders	8	8,440	15	15,600
Total DRI, granules, powders	13	17,900	26	34,300
Grand total	1,910	819,000	3,460	1,480,000

-- Zero.

<sup>1</sup>Export valuation is on a free-alongside-ship basis.

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 9  
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP  
BY SELECTED COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Country	February 2013		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
Canada	205	91,000	448	195,000
China	(4)	280	1	313
Germany	1	96	1	145
Japan	(4)	58	1	220
Mexico	18	9,580	36	18,300
Sweden	--	--	42	18,300
United Kingdom	(4)	62	23	9,380
Other <sup>5</sup>	1	592	2	1,070
Total	225	102,000	554	243,000

-- Zero.

<sup>1</sup>Includes 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.

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

<sup>5</sup>Includes countries with January–February 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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Customs district	February 2013		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
Buffalo, NY	47	31,800	100	68,800
Charleston, SC	(4)	48	41	16,500
Columbia-Snake, OR	--	--	8	2,320
Detroit, MI	84	34,000	180	73,200
Duluth, MN	1	671	2	1,150
El Paso, TX	3	1,050	6	2,120
Great Falls, MT	10	3,080	23	7,130
Laredo, TX	11	6,940	19	12,500
Mobile, AL	(4)	80	3	2,100
New Orleans, LA	1	198	24	9,480
Nogales, AZ	1	372	4	1,140
Ogdensburg, NY	4	4,020	8	7,620
Pembina, ND	3	1,690	5	2,810
Portland, ME	(4)	160	1	458
San Diego, CA	4	1,220	8	2,390
Seattle, WA	56	15,500	120	31,600
St Albans, VT	(4)	55	1	280
Wilmington, NC	(4)	269	1	316
Other	(4)	485	1	1,260
Total	225	102,000	554	243,000

-- Zero.

<sup>1</sup>Includes 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.

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 11  
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER  
FERROUS PRODUCTS BY GRADE<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	February 2013		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	15	4,640	31	9,970
No. 2 heavy melting steel	7	2,120	16	4,870
No. 1 bundles	59	21,300	140	52,300
No. 2 bundles	2	394	4	766
Shredded steel scrap	18	4,170	90	27,400
Borings, shovelings and turnings	4	1,020	8	1,900
Cut plate and structural	15	4,760	33	10,700
Tinned iron or steel	7	2,460	12	4,350
Cast iron	12	3,790	25	8,120
Other iron and steel	41	12,200	103	30,300
Total carbon steel and cast iron	181	56,800	463	151,000
Stainless steel	15	21,200	30	42,300
Other alloy steel	29	23,700	60	50,100
Total stainless and alloy steel	44	44,900	91	92,400
Total carbon, stainless, alloy steel and cast iron	225	102,000	554	243,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(4)	3
Total scrap imports	225	102,000	554	243,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	290	106,000	552	210,000
Pig iron < or = 0.5% phosphorus	--	--	(4)	26
Alloy pig iron	(4)	113	(4)	113
Total pig iron	290	106,000	553	210,000
Direct-reduced iron (DRI)	68	23,300	281	93,500
Spongy iron products, not DRI	33	10,600	53	17,800
Granules for abrasive cleaning and other uses	2	1,970	4	3,660
Powders of alloy steel	4	7,610	8	14,800
Other ferrous powders	4	6,930	9	15,500
Total DRI, granules, powders	111	50,500	355	145,000
Grand total	627	259,000	1,460	599,000

-- Zero.

<sup>1</sup>Import valuation is on a Customs basis.

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 12  
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,  
AND CONTINUOUS CAST STEEL PRODUCTION<sup>1</sup>

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 <sup>2</sup>		to date <sup>2</sup>		to date <sup>2</sup>
2012:						
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
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

<sup>1</sup>Data are rounded to no more than three significant digits.

<sup>2</sup>May 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 <sup>1</sup>			
	No. 1 HMS		No. 1 HMS		Pig Iron <sup>2</sup>	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2012:						
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
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

<sup>1</sup>Formerly Iron Age.

<sup>2</sup>Prices are Brazilian basic pig iron, f.o.b. New Orleans, LA.

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