

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN OCTOBER 2012

On a daily average basis in October 2012, estimated consumption of iron and steel scrap decreased by 12%, net receipts of purchased scrap increased 9%, and home scrap production increased 14% from that of September 2012. Stocks of purchased and home scrap at the end of October 2012 increased slightly from those at the end of September 2012. These observations are based upon responses from about 28% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 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 was about the same as that in September 2012 and consumption decreased 8% in October 2012 from that in September 2012. Stocks of pig iron at the end of October 2012 decreased 9% from those at the end of September 2012.

Exports of iron and steel scrap for the month of October 2012 decreased by 11% from those of September 2012. Turkey was the leading country of destination, accounting for 30% of the total tonnage of exports, followed by Taiwan with 17% and the Republic of Korea with 17% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 21% of the total, followed by New York, NY, with 13% and San Francisco, CA, with 8% (table 7).

Imports of iron and steel scrap for October 2012 were slightly more than those of September 2012. Canada was the leading country of origin, accounting for 92% of the total tonnage of imports, followed by Mexico with 6%, and Sweden with 1% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 31% of the total, followed by Seattle, WA, with 29% and Buffalo, NY, with 20% (table 10).

The daily average domestic raw steel production for October 2012, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 219,000 metric tons, down by 4% less than that in September 2012 and down by 5% less than that in October 2011 (table 12). The electric furnace portion of raw steel production for October 2012 was 60%, the same as that in September 2012 and an increase of 58% in October 2011.

Raw steel production capability utilization (AISI data) in October 2012 was 68%, a decrease of 70% from that in September 2012 and a decrease of 72% from that in October 2011 (table 12). Continuous cast steel production in October 2012 accounted for 99% of total raw steel production, compared with 98% for that in September 2012 and 98% for that in October 2011.

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

(Thousand metric tons)

	October 2012			January–October <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	1,700	1,990	3,690	17,900	20,600	38,600
Receipts from other own company plants	45	247	292	490	2,460	2,950
Production recirculating scrap	370	233	603	4,240	2,330	6,570
Production obsolete scrap	W	W	10	W	W	116
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	421	W	W	6,440
Electric furnace	1,350	2,230	3,580	13,300	23,600	36,900
Other (including air furnace) <sup>6</sup>	W	W	W	W	W	W
Total consumption	1,940	2,370	4,310	21,600	25,200	46,800
Shipments	82	17	99	992	182	1,170
Stocks, end of period	1,930	1,760	3,690	1,930	1,760	3,690
<b>Pig iron (includes hot metal):</b>						
Receipts	515	85	600	5,480	849	6,320
Production	2,080	--	2,080	23,300	--	23,300
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	2,000	W	W	24,600
Direct castings <sup>7</sup>	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,590	73	2,670	28,700	834	29,500
Shipments	--	--	--	W	--	54
Stocks, end of period	W	W	367	W	W	367
<b>Direct-reduced iron:<sup>8</sup></b>						
Receipts	91	88	179	1,020	581	1,610
Total consumption	224	54	278	2,160	534	2,700
Stocks, end of period	139	75	214	139	75	214

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. October 2012 data are based on returns from 28% of consumer surveys, representing 32% 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	October 2012				January–October <sup>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	55	W	58	137	554	W	580
Cut structural and plate	315	48	379	248	3,310	555	4,000
No. 1 heavy melting steel	382	79	460	331	3,940	781	4,850
No. 2 heavy melting steel	413	23	443	329	4,630	223	4,940
No. 1 and electric furnace bundles	192	W	238	271	1,970	W	2,720
No. 2 and all other bundles	70	W	74	36	809	W	830
Electric furnace 1 foot and under (not bundles)	2	W	W	W	15	W	W
Railroad rails	23	W	25	23	204	W	256
Turnings and borings	182	4	198	140	1,900	40	2,080
Slag scrap	72	89	114	128	789	923	1,290
Shredded and fragmented	1,130	W	1,210	1,120	11,800	W	13,300
No. 1 busheling	372	14	356	343	3,630	158	3,850
Steel cans (post consumer)	10	--	10	3	96	--	96
All other carbon steel scrap	243	106	345	186	2,410	1,350	3,770
Stainless steel scrap	73	27	108	47	723	271	1,090
Alloy steel scrap	31	18	52	164	366	191	584
Ingot mold and stool scrap	W	W	8	15	W	W	105
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	12	W	20	W	W	W	W
Other iron scrap	62	17	75	59	758	278	997
Other mixed scrap	43	37	118	93	398	386	1,140
Total	3,690	603	4,310	3,690	38,600	6,570	46,800

<sup>0</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	October 2012			January–October <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	403	145	606	4,160	1,430	6,140
<b>North Central:</b>						
Illinois and Indiana	438	142	575	4,530	1,410	5,910
Iowa, Minnesota, Nebraska, Wisconsin	253	13	281	2,550	131	2,790
Michigan	142	91	157	1,530	1,020	2,040
Ohio	418	70	493	4,530	808	5,430
Total	1,250	316	1,510	13,100	3,360	16,200
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	167	21	185	2,150	490	2,840
Georgia, North Carolina, South Carolina	273	14	286	3,250	185	3,470
Total	440	35	471	5,390	675	6,310
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	737	39	757	7,280	397	7,850
Arkansas, Louisiana, Oklahoma, Texas	599	46	642	6,040	481	7,230
Total	1,340	85	1,400	13,300	878	15,100
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	256	22	324	2,560	223	3,160
Grand total	3,690	603	4,310	38,600	6,570	46,800

<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	October 2012					January–October <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	188	W	4	W	W
Cut structural and plate	41	85	55	113	W	407	976	636	1,090	W
No. 1 heavy melting steel	63	95	33	166	24	679	1,010	368	1,640	242
No. 2 heavy melting steel	10	131	40	192	W	101	1,610	464	2,070	W
No. 1 and electric furnace bundles	8	144	4	32	W	84	1,340	178	341	W
No. 2 and all other bundles	12	33	W	W	W	132	343	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	7	W	W	W	--	47	W
Turnings and borings	15	55	18	86	9	147	601	256	808	85
Slag scrap	11	38	W	19	W	110	319	W	184	W
Shredded and fragmentized	77	269	189	449	145	800	2,870	2,100	4,570	1,450
No. 1 busheling	57	140	21	153	W	569	1,380	309	1,360	W
Steel cans (post consumer)	6	W	--	--	--	60	W	--	--	W
All other carbon steel scrap	38	129	14	60	3	411	1,220	133	615	27
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	W	W	--	W	--	W	W	--	W	--
Ingot mold and stool scrap	W	W	--	--	--	W	W	--	--	--
Machinery and cupola cast iron	W	W	W	W	--	W	W	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Other iron scrap	4	28	W	8	W	49	306	W	78	W
Other mixed scrap	W	7	W	3	W	W	59	W	23	W
Total	403	1,250	440	1,340	256	4,160	13,100	5,390	13,300	2,560

<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	October 2012					January–October <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	19	W	1	W	W	192	W	10	W	W
Cut structural and plate	50	102	96	110	W	512	1,190	955	1,130	W
No. 1 heavy melting steel	111	118	31	175	26	1,090	1,250	385	1,870	255
No. 2 heavy melting steel	16	147	34	206	W	160	1,620	490	2,260	W
No. 1 and electric furnace bundles	20	181	6	28	W	203	1,960	179	346	W
No. 2 and all other bundles	11	35	W	17	W	131	344	W	177	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	6	W	W	W	--	63	W
Turnings and borings	32	63	12	82	9	310	630	250	805	86
Slag scrap	17	59	W	33	W	166	617	W	327	W
Shredded and fragmentized	105	277	186	479	161	1,080	3,070	2,340	5,220	1,610
No. 1 busheling	59	151	28	116	W	626	1,490	306	1,410	W
Steel cans (post consumer)	6	W	--	--	--	60	W	--	--	--
All other carbon steel scrap	66	177	16	84	3	683	1,810	414	833	29
Stainless steel scrap	55	W	--	W	--	549	180	--	W	--
Alloy steel scrap	13	29	--	W	--	136	345	--	W	--
Ingot mold and stool scrap	W	7	--	W	--	W	61	--	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	11	33	23	7	W	119	427	364	82	W
Other mixed scrap	W	38	W	2	W	W	394	W	20	W
Total	606	1,510	471	1,400	324	6,140	16,200	6,310	15,100	3,160

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	October 2012		January–October <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Brazil	1	133	1	244
Canada	70	23,900	1,020	349,000
Colombia	--	--	31	11,900
Ecuador	(4)	69	2	910
Guatemala	--	--	30	13,100
Mexico	84	28,900	648	251,000
Peru	31	11,500	121	47,700
Venezuela	2	174	2	370
Other <sup>5</sup>	1	405	7	3,400
<b>Total</b>	<b>189</b>	<b>65,100</b>	<b>1,860</b>	<b>678,000</b>
<b>Africa, Europe, Middle East:</b>				
Austria	2	857	3	2,410
Belgium	(4)	262	7	6,330
Egypt	--	--	373	151,000
Finland	--	--	6	11,500
Germany	(4)	222	3	4,160
Italy	(4)	100	33	19,000
Morocco	--	--	25	10,700
Netherlands	2	2,370	12	18,000
Saudi Arabia	--	--	81	35,800
Spain	1	1,360	16	30,200
Turkey	433	151,000	5,510	2,190,000
United Arab Emirates	(4)	177	3	994
United Kingdom	(4)	216	2	3,300
Other <sup>5</sup>	1	594	14	11,400
<b>Total</b>	<b>439</b>	<b>157,000</b>	<b>6,090</b>	<b>2,490,000</b>
<b>Asia, Australia, Oceania:</b>				
Bangladesh	3	1,250	36	16,900
China	92	91,600	1,640	1,140,000
Hong Kong	5	4,220	54	41,900
India	94	42,900	1,070	477,000
Indonesia	94	34,700	379	155,000
Japan	3	5,970	42	72,700
Korea, Republic of	243	86,500	2,620	1,100,000
Malaysia	4	2,020	625	260,000
Pakistan	21	13,600	184	113,000
Philippines	--	--	4	1,710
Singapore	(4)	114	4	1,870
Taiwan	252	99,600	3,010	1,330,000
Thailand	3	758	351	140,000
Vietnam	26	9,680	438	169,000
Other <sup>5</sup>	(4)	355	(4)	2,260
<b>Total</b>	<b>840</b>	<b>393,000</b>	<b>10,500</b>	<b>5,020,000</b>
<b>Grand total</b>	<b>1,470</b>	<b>616,000</b>	<b>18,400</b>	<b>8,190,000</b>

-- Zero.

<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–October 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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and customs district	October 2012		January–October <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>Canada–United States border:</b>				
Buffalo, NY	12	5,270	229	89,800
Chicago, IL	(4)	23	2	930
Detroit, MI	23	7,440	277	90,400
Duluth, MN	1	363	17	7,390
Great Falls, MT	1	351	9	3,000
Ogdensburg, NY	2	566	22	7,410
Pembina, ND	20	7,160	366	143,000
Other	4	710	53	9,980
<b>Total</b>	<b>63</b>	<b>21,900</b>	<b>974</b>	<b>352,000</b>
<b>East coast:</b>				
Baltimore, MD	14	6,190	249	108,000
Boston, MA	2	1,260	1,080	442,000
Charleston, SC	8	6,180	109	66,800
Charlotte, NC	2	2,740	12	18,100
Miami, FL	36	15,100	403	168,000
New York, NY	194	82,900	2,580	1,190,000
Norfolk, VA	48	21,800	576	263,000
Philadelphia, PA	74	26,000	777	322,000
Portland, ME	43	15,300	159	64,500
Providence, RI	47	16,800	530	211,000
Savannah, GA	20	12,400	299	174,000
St. Albans, VT	5	1,810	50	17,800
Washington, DC	(4)	19	(4)	49
<b>Total</b>	<b>494</b>	<b>208,000</b>	<b>6,820</b>	<b>3,040,000</b>
<b>Gulf coast and Mexico–United States border (includes Caribbean territories):</b>				
El Paso, TX	4	1,260	28	9,860
Houston–Galveston, TX	120	51,500	1,150	512,000
Laredo, TX	41	14,500	354	138,000
Mobile, AL	4	2,200	176	83,300
New Orleans, LA	88	30,400	813	312,000
San Juan, PR	16	4,970	286	100,000
Tampa, FL	5	2,980	294	127,000
U.S. Virgin Islands	5	893	17	2,930
Other	1	732	1	936
<b>Total</b>	<b>284</b>	<b>109,000</b>	<b>3,120</b>	<b>1,290,000</b>
<b>West coast and Hawaii:</b>				
Columbia–Snake, OR	66	24,800	1,130	471,000
Honolulu, HI, and Anchorage, AK	8	2,600	143	56,500
Los Angeles, CA	301	147,000	3,540	1,820,000
San Diego, CA	8	2,660	23	6,770
San Francisco, CA	123	52,300	1,650	725,000
Seattle, WA	120	46,600	1,000	428,000
<b>Total</b>	<b>626</b>	<b>276,000</b>	<b>7,480</b>	<b>3,510,000</b>
<b>Grand total</b>	<b>1,470</b>	<b>616,000</b>	<b>18,400</b>	<b>8,190,000</b>

-- Zero.

<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	October 2012		January–October	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	509	178,000	6,450	2,570,000
No. 2 heavy melting steel	94	32,100	965	372,000
No. 1 bundles	14	4,720	397	146,000
No. 2 bundles	2	218	9	2,250
Shredded steel scrap	395	139,000	5,550	2,240,000
Borings, shovelings and turnings	6	1,930	76	27,800
Cut plate and structural	73	26,400	867	350,000
Tinned iron or steel	10	4,080	126	61,200
Remelting scrap ingots	2	1,820	27	30,400
Cast iron	33	13,400	485	203,000
Other iron and steel	205	91,400	2,360	1,060,000
Total carbon steel and cast iron	1,340	493,000	17,300	7,070,000
Stainless steel	61	70,900	519	675,000
Other alloy steel	63	52,000	570	448,000
Total stainless and alloy steel	124	123,000	1,090	1,120,000
Total carbon, stainless, alloy steel and cast iron	1,470	616,000	18,400	8,190,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	4	872
Used rails for rerolling and other uses	9	8,490	30	30,700
Total scrap exports	1,480	624,000	18,400	8,220,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	428	9	4,840
Pig iron > 0.5% phosphorus	2	210	3	279
Alloy pig iron	(3)	265	75	1,790
Total pig iron	3	903	88	6,910
Direct-reduced iron (DRI)	(3)	10	(3)	53
Spongy iron products, not DRI	(3)	156	4	3,090
Granules for abrasive cleaning and other uses	3	4,930	33	43,600
Powders of alloy steel	1	2,940	10	37,000
Other ferrous powders	5	6,260	72	82,300
Total DRI, granules, powders	10	14,300	120	166,000
Grand total	1,490	639,000	18,609	8,400,000

-- 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>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	October 2012		January–October <sup>3</sup>	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	86	7	1,430
Canada	243	96,600	2,530	1,070,000
Cayman Islands	(4)	19	6	1,600
France	--	--	16	6,950
Germany	(4)	79	48	21,300
Guatemala	1	32	1	215
Japan	(4)	169	2	821
Korea, Republic of	--	--	4	1,570
Mexico	17	8,700	191	102,000
Netherlands	--	--	135	59,400
Panama	(4)	5	1	303
Sweden	2	853	72	31,800
United Kingdom	(4)	204	103	48,100
Other <sup>5</sup>	(4)	256	10	8,110
Total	265	107,000	3,130	1,350,000

-- 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.

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

(Thousand metric tons and thousand dollars)

Customs district	October 2012		January–October <sup>3</sup>	
	Quantity	Value	Quantity	Value
Buffalo, NY	54	33,000	523	349,000
Charleston, SC	(4)	79	187	82,200
Chicago, IL	(4)	222	24	2,740
Columbia-Snake, OR	8	3,190	43	15,100
Detroit, MI	81	31,100	878	367,000
Duluth, MN	2	1,680	25	10,400
El Paso, TX	3	1,570	35	15,200
Great Falls, MT	14	4,650	120	43,100
Laredo, TX	9	5,430	68	55,000
Los Angeles, CA	1	74	15	7,400
Miami, FL	(4)	144	7	1,820
Mobile, AL	2	860	35	16,300
New Orleans, LA	--	--	121	49,600
New York, NY	(4)	16	4	4,240
Nogales, AZ	2	472	23	9,280
Ogdensburg, NY	3	1,640	30	26,600
Pembina, ND	3	1,810	59	23,500
Portland, ME	(4)	174	9	3,440
San Diego, CA	4	1,210	54	16,600
Seattle, WA	76	19,200	821	229,000
Tampa, FL	(4)	30	8	2,260
Wilmington, NC	(4)	4	36	16,600
Other	(4)	409	6	6,420
Total	265	107,000	3,130	1,350,000

-- 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	October 2012		January–October	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	25	8,310	213	75,600
No. 2 heavy melting steel	7	1,980	80	24,700
No. 1 bundles	67	21,100	889	369,000
No. 2 bundles	1	128	16	4,010
Shredded steel scrap	27	4,990	344	90,100
Borings, shovelings and turnings	7	1,660	73	18,000
Cut plate and structural	18	5,090	226	67,700
Tinned iron or steel	8	2,550	80	26,800
Remelting scrap ingots	--	--	(3)	201
Cast iron	12	3,870	176	56,100
Other iron and steel	50	14,600	507	150,000
Total carbon steel and cast iron	222	64,300	2,600	881,000
Stainless steel	10	15,300	128	207,000
Other alloy steel	33	27,400	400	264,000
Total stainless and alloy steel	43	42,700	527	471,000
Total carbon, stainless, alloy steel and cast iron	265	107,000	3,130	1,350,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	22
Total scrap imports	265	107,000	3,130	1,350,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	433	181,000	3,550	1,610,000
Pig iron > or = 0.5% phosphorus	--	--	(3)	200
Alloy pig iron	(3)	103	(3)	196
Total pig iron	433	181,000	3,560	1,610,000
Direct-reduced iron (DRI)	237	82,300	2,070	784,000
Spongy iron products, not DRI	33	11,300	222	82,600
Granules for abrasive cleaning and other uses	2	1,780	18	18,100
Powders of alloy steel	4	7,970	46	83,100
Other ferrous powders	4	6,350	72	71,700
Total DRI, granules, powders	279	110,000	2,420	1,040,000
Grand total	977	397,000	9,110	4,000,000

-- 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>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 to date <sup>2</sup>	Monthly	Year to date <sup>2</sup>	Monthly	Year to date <sup>2</sup>
2011:						
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
October	6,800	74,800	68.0	76.1	98.7	98.6

<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>	
	\$/t	\$/t	\$/t	\$/t	\$/t	\$/t
2011:						
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	349.79	344.27	312.84	307.90	458.22	450.98
October	NA	NA	NA	NA	NA	NA

NA Not available.

<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.