

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN OCTOBER 2013

On a daily average basis in October 2013, estimated consumption of iron and steel scrap decreased by 6%, net receipts of purchased scrap decreased by 15%, and home scrap production decreased by 19% from that of September 2013. Stocks of purchased and home scrap at the end of October decreased by 8% from those at the end of September. These observations are based upon responses from about 30% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 36% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production increased by 66%, and consumption decreased by 8% in October 2013 from those in September 2013. Stocks of pig iron at the end of October increased by 18% from those at the end of September.

Exports of iron and steel scrap in October 2013 decreased by 15% from those of September 2013. Turkey was the leading country of destination, accounting for 26% of the total tonnage of exports, followed by the Republic of Korea with 16% and Taiwan with 16% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for

26% of the total, followed by New York, NY, with 15%, and Columbia-Snake, OR, with 8% (table 7).

Imports of iron and steel scrap for October 2013 increased slightly from those of September 2013. Canada was the leading country of origin, accounting for 90% of the total tonnage of imports, followed by Mexico with 8%, and Italy with 1% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 33% of the total, followed by Seattle, WA, with 23% and Buffalo, NY, with 20% (table 10).

The daily average domestic raw steel production for October 2013, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 238,000 metric tons, down slightly from that in September 2013 and 9% higher than that in October 2012 (table 12). The electric furnace portion of raw steel production for October 2013 was 61%, up from 60% in September 2013 and up from 60% in October 2012.

Raw steel production capability utilization (AISI data) in October 2013 was 77%, down from 78% in September 2013 and up from 68% in October 2012 (table 12). Continuous cast steel production in October 2013 accounted for 99% of total raw steel production, the same as that in September 2013 and October 2012.

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

(Thousand metric tons)

	October 2013			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	1,750	2,090	3,830	17,700	19,600	37,200
Receipts from other own company plants	39	220	259	397	2,010	2,410
Production recirculating scrap	345	179	524	3,360	1,790	5,150
Production obsolete scrap	W	W	8	W	W	89
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	544	W	W	5,990
Electric furnace	1,290	2,070	3,370	12,800	21,100	33,900
Other (including air furnace) <sup>6</sup>	W	W	W	W	W	W
Total consumption	1,970	2,340	4,310	20,400	23,200	43,600
Shipments	112	17	129	977	161	1,140
Stocks, end of period	1,930	1,920	3,850	1,930	1,920	3,850
<b>Pig iron (includes hot metal):</b>						
Receipts	454	98	552	5,290	752	6,040
Production	2,100	--	2,100	20,400	--	20,400
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	2,380	W	W	24,500
Direct castings <sup>7</sup>	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,510	69	2,580	25,700	723	26,400
Shipments	W	W	W	W	W	W
Stocks, end of period	183	224	407	183	224	407
<b>Direct-reduced iron:<sup>8</sup></b>						
Receipts	76	43	119	1,160	540	1,700
Total consumption	323	61	384	3,200	580	3,780
Stocks, end of period	85	20	105	85	20	105

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 2013 data are based on returns from 30% of consumer surveys, representing 36% 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 2013				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>	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	56	W	58	W	578	W	604
Cut structural and plate	311	31	346	297	3,140	281	3,430
No. 1 heavy melting steel	378	50	430	315	3,780	518	4,410
No. 2 heavy melting steel	597	29	488	502	4,740	288	4,940
No. 1 and electric furnace bundles	207	W	276	294	2,100	W	2,830
No. 2 and all other bundles	81	W	86	41	953	W	999
Electric furnace 1 foot and under (not bundles)	2	W	W	W	24	W	W
Railroad rails	32	--	29	15	280	--	286
Turnings and borings	184	3	206	136	1,890	32	2,070
Slag scrap	80	79	95	139	649	820	963
Shredded and fragmented	1,080	W	1,170	1,070	10,500	W	11,400
No. 1 busheling	354	15	387	342	3,810	135	3,980
Steel cans (post consumer)	10	--	9	2	103	--	103
All other carbon steel scrap	251	105	344	182	2,450	1,020	3,500
Stainless steel scrap	75	27	110	51	734	271	1,100
Alloy steel scrap	30	21	56	W	316	210	581
Ingot mold and stool scrap	W	W	7	14	W	W	66
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	12	W	W	W	W	W	W
Other iron scrap	59	21	71	33	551	220	711
Other mixed scrap	32	39	113	83	446	345	1,230
Total	3,830	524	4,310	3,850	37,200	5,150	43,600

<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	October 2013			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	388	62	494	3,970	629	5,020
<b>North Central:</b>						
Illinois and Indiana	454	142	590	4,600	1,410	5,950
Iowa, Minnesota, Nebraska, Wisconsin	241	13	269	2,400	113	2,630
Michigan	192	98	206	1,660	960	2,060
Ohio	449	71	514	4,520	786	5,370
Total	1,340	325	1,580	13,200	3,270	16,000
<b>South Atlantic:</b>						
Delaware, Virginia, West Virginia	107	12	144	1,170	75	1,510
Georgia, North Carolina, South Carolina	336	21	348	3,420	173	3,570
Total	442	32	492	4,590	248	5,080
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	819	33	748	7,120	306	7,500
Arkansas, Louisiana, Oklahoma, Texas	575	51	664	5,660	466	6,580
Total	1,390	82	1,410	12,800	773	14,100
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	271	23	337	2,700	232	3,370
Grand total	3,830	524	4,310	37,200	5,150	43,600

<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 2013					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	20	W	--	W	W	193	321	W	W	W
Cut structural and plate	37	101	34	119	W	391	979	366	1,200	W
No. 1 heavy melting steel	60	106	31	134	47	614	999	349	1,350	468
No. 2 heavy melting steel	10	141	53	338	56	98	1,500	540	2,050	553
No. 1 and electric furnace bundles	9	142	5	27	W	90	1,400	45	333	W
No. 2 and all other bundles	10	27	W	15	W	101	347	W	155	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	14	--	10	W	W	W	--	W	W
Turnings and borings	13	64	26	72	8	145	584	285	790	84
Slag scrap	6	55	2	W	W	55	386	27	W	W
Shredded and fragmentized	78	271	204	445	76	799	2,680	1,990	4,250	754
No. 1 busheling	54	150	35	114	2	562	1,500	352	1,390	15
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	W
All other carbon steel scrap	42	135	18	54	3	419	1,290	163	551	26
Stainless steel scrap	W	14	--	W	--	W	125	--	W	--
Alloy steel scrap	1	25	--	W	--	7	267	--	W	--
Ingot mold and stool scrap	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	40	W	13	W	W	391	19	102	W
Other mixed scrap	W	W	W	1	W	W	W	W	28	W
Total	388	1,340	442	1,390	271	3,970	13,200	4,590	12,800	2,700

<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 2013					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	20	W	W	W	W	199	W	W	W	W
Cut structural and plate	40	108	53	124	W	405	1,100	526	1,200	W
No. 1 heavy melting steel	69	124	33	152	52	730	1,240	338	1,580	516
No. 2 heavy melting steel	14	149	58	203	64	139	1,550	552	2,060	640
No. 1 and electric furnace bundles	21	192	5	31	W	210	1,980	46	329	W
No. 2 and all other bundles	10	28	W	16	W	101	341	W	168	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	14	--	8	W	W	W	--	W	W
Turnings and borings	28	63	29	78	8	299	605	285	793	85
Slag scrap	10	53	3	27	W	95	566	25	255	W
Shredded and fragmentized	77	302	214	502	76	789	2,920	2,210	4,780	754
No. 1 busheling	54	161	35	135	2	565	1,600	356	1,440	15
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	68	182	21	71	3	662	1,890	207	717	28
Stainless steel scrap	55	20	--	W	--	545	189	--	W	--
Alloy steel scrap	13	33	--	W	--	131	350	--	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	5	11	W	W	501	56	111	W
Other mixed scrap	W	34	W	3	W	W	379	W	27	W
Total	494	1,580	492	1,410	337	5,020	16,000	5,080	14,100	3,370

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 2013		January–October <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Canada	72	23,400	778	255,000
Ecuador	2	261	78	26,300
Mexico	81	28,400	641	231,000
Peru	--	--	282	100,000
Venezuela	(4)	1,240	1	1,470
Other <sup>5</sup>	(4)	172	4	3,070
Total	156	53,500	1,780	617,000
<b>Africa, Europe, Middle East:</b>				
Belgium	1	326	6	5,930
Egypt	77	25,900	717	255,000
Germany	2	498	5	3,030
Italy	(4)	13	91	34,000
Kuwait	44	15,800	44	15,800
Morocco	--	--	50	18,900
Netherlands	(4)	249	10	12,500
Portugal	--	--	39	13,300
Spain	(4)	194	10	8,360
Sweden	(4)	525	3	6,710
Tunisia	--	--	30	10,100
Turkey	339	118,000	4,460	1,610,000
United Arab Emirates	1	303	3	1,680
United Kingdom	(4)	246	6	5,500
Other <sup>5</sup>	(4)	326	5	4,820
Total	464	162,000	5,480	2,000,000
<b>Asia, Australia, Oceania:</b>				
Bangladesh	2	973	64	25,900
China	136	85,400	1,610	1,020,000
Hong Kong	4	4,090	55	40,900
India	32	14,400	492	237,000
Indonesia	19	7,760	486	184,000
Japan	5	6,870	36	59,900
Korea, Republic of	214	81,000	1,880	716,000
Malaysia	47	15,900	521	194,000
Pakistan	20	13,300	184	125,000
Philippines	(4)	4	8	3,500
Singapore	(4)	70	2	3,850
Taiwan	207	79,500	2,580	1,020,000
Thailand	2	1,050	39	14,200
Vietnam	12	4,660	459	168,000
Other <sup>5</sup>	(4)	77	4	3,450
Total	700	315,000	8,420	3,810,000
Grand total	1,320	531,000	15,700	6,430,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. 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 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	October 2013		January–October <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>Canada–United States border:</b>				
Buffalo, NY	19	7,420	161	57,700
Chicago, IL	(4)	12	2	1,050
Detroit, MI	17	4,490	195	62,600
Duluth, MN	3	1,540	43	16,800
Great Falls, MT	1	263	10	2,740
Ogdensburg, NY	(4)	173	6	2,290
Pembina, ND	23	8,590	288	104,000
Other	5	604	41	5,960
<b>Total</b>	<b>69</b>	<b>23,100</b>	<b>747</b>	<b>254,000</b>
<b>East coast:</b>				
Baltimore, MD	27	9,880	303	118,000
Boston, MA	62	22,700	978	358,000
Charleston, SC	3	2,030	76	42,100
Charlotte, NC	1	906	5	6,960
Miami, FL	32	13,300	368	149,000
New York, NY	200	79,100	2,450	996,000
Norfolk, VA	18	9,950	280	134,000
Philadelphia, PA	45	15,100	757	272,000
Portland, ME	(4)	6	123	46,300
Providence, RI	65	23,000	454	162,000
Savannah, GA	11	8,020	209	126,000
St. Albans, VT	3	830	30	8,770
Washington, DC	--	--	(4)	5
<b>Total</b>	<b>467</b>	<b>185,000</b>	<b>6,030</b>	<b>2,420,000</b>
<b>Gulf coast and Mexico–United States border (includes Caribbean territories):</b>				
El Paso, TX	9	2,930	31	10,400
Houston–Galveston, TX	17	12,300	853	390,000
Laredo, TX	42	14,900	368	140,000
Mobile, AL	37	13,100	222	78,700
New Orleans, LA	(4)	58	220	78,800
San Juan, PR	37	12,000	232	70,100
Tampa, FL	54	20,800	383	151,000
U.S. Virgin Islands	--	--	7	1,320
Other	(4)	35	1	69
<b>Total</b>	<b>197</b>	<b>76,200</b>	<b>2,320</b>	<b>921,000</b>
<b>West coast and Hawaii:</b>				
Columbia–Snake, OR	99	33,000	761	284,000
Honolulu, HI, and Anchorage, AK	2	743	103	36,700
Los Angeles, CA	339	153,000	3,350	1,570,000
San Diego, CA	6	1,400	59	15,500
San Francisco, CA	87	36,600	1,570	626,000
Seattle, WA	52	21,900	746	310,000
<b>Total</b>	<b>586</b>	<b>247,000</b>	<b>6,590</b>	<b>2,840,000</b>
<b>Grand total</b>	<b>1,320</b>	<b>531,000</b>	<b>15,700</b>	<b>6,430,000</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 2013		January–October <sup>3</sup>	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	460	159,000	5,160	1,850,000
No. 2 heavy melting steel	72	24,000	746	259,000
No. 1 bundles	37	12,700	302	105,000
No. 2 bundles	1	70	10	1,360
Shredded steel scrap	346	122,000	4,660	1,690,000
Borings, shoveling and turnings	14	4,800	119	40,400
Cut plate and structural	84	29,000	938	345,000
Tinned iron or steel	11	4,210	122	50,900
Remelting scrap ingots	2	1,810	13	11,600
Cast iron	27	11,400	310	122,000
Other iron and steel	170	77,700	2,320	992,000
Total carbon steel and cast iron	1,230	446,000	14,700	5,470,000
Stainless steel	53	56,700	538	632,000
Other alloy steel	42	28,000	441	332,000
Total stainless and alloy steel	95	84,600	980	963,000
Total carbon, stainless, alloy steel and cast iron	1,320	531,000	15,700	6,430,000
Ships, boats, and other vessels for breaking up (for scrapping)	1	70	7	1,030
Used rails for rerolling and other uses	4	4,040	34	32,400
Total scrap exports	1,320	535,000	15,700	6,470,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(4)	38	6	2,910
Pig iron > or = 0.5% phosphorus	(4)	22	2	263
Alloy pig iron	5	30	9	738
Total pig iron	5	90	17	3,910
Direct-reduced iron (DRI)	--	--	(4)	30
Spongy iron products, not DRI	(4)	35	2	2,190
Granules for abrasive cleaning and other uses	3	4,890	29	42,000
Powders of alloy steel	2	5,410	18	46,200
Other ferrous powders	10	11,200	85	93,600
Total DRI, granules, powders	15	21,600	134	184,000
Grand total	1,350	557,000	15,900	6,660,000

-- 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	October 2013		January–October <sup>3</sup>	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	81	3	705
Brazil	2	463	2	1,150
Canada	344	118,000	2,630	966,000
China	(4)	270	7	3,070
Dominican Republic	--	--	3	183
Germany	(4)	109	5	1,910
Italy	3	58	5	133
Japan	(4)	183	5	1,950
Mexico	30	14,400	230	106,000
Sweden	--	--	107	41,900
United Kingdom	(4)	26	160	65,900
Other <sup>5</sup>	(4)	363	8	3,220
Total	381	134,000	3,160	1,190,000

-- 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–October 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	October 2013		January–October <sup>3</sup>	
	Quantity	Value	Quantity	Value
Buffalo, NY	76	34,400	601	298,000
Charleston, SC	(4)	81	188	75,800
Chicago, IL	10	1,240	41	6,600
Columbia-Snake, OR	--	--	8	2,320
Detroit, MI	127	43,200	1,040	383,000
Duluth, MN	12	3,240	54	15,500
El Paso, TX	3	1,230	30	12,400
Great Falls, MT	11	3,550	110	33,500
Laredo, TX	20	11,100	139	74,100
Mobile, AL	(4)	4	38	15,300
New Orleans, LA	(4)	253	27	10,700
Nogales, AZ	3	894	25	8,290
Norfolk, VA	--	--	1	342
Ogdensburg, NY	5	2,530	47	25,100
Pembina, ND	13	4,030	69	25,500
Portland, ME	1	395	7	2,580
San Diego, CA	4	1,160	36	10,700
San Juan, PR	--	--	3	62
Seattle, WA	87	24,700	642	170,000
St Albans, VT	3	768	16	5,470
Wilmington, NC	5	786	35	12,700
Other	(4)	290	12	4,670
Total	381	134,000	3,160	1,190,000

-- 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 2013		January–October <sup>3</sup>	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	40	13,400	263	87,400
No. 2 heavy melting steel	18	4,830	128	34,500
No. 1 bundles	81	31,600	906	349,000
No. 2 bundles	5	1,450	43	12,100
Shredded steel scrap	40	9,640	390	97,200
Borings, shovelings and turnings	7	1,500	52	11,600
Cut plate and structural	27	8,380	222	69,900
Tinned iron or steel	6	1,850	47	17,100
Remelting scrap ingots	--	--	(4)	56
Cast iron	40	8,630	189	49,700
Other iron and steel	45	13,900	407	122,000
Total carbon steel and cast iron	309	95,200	2,650	851,000
Stainless steel	27	21,100	176	170,000
Other alloy steel	45	17,600	340	171,000
Total stainless and alloy steel	72	38,700	516	341,000
Total carbon, stainless, alloy steel and cast iron	381	134,000	3,160	1,190,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	440	(4)	446
Total scrap imports	381	134,000	3,160	1,190,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	376	152,000	3,460	1,380,000
Pig iron < or = 0.5% phosphorus	--	--	(4)	26
Alloy pig iron	(4)	187	(4)	329
Total pig iron	376	152,000	3,460	1,380,000
Direct-reduced iron (DRI)	115	41,300	1,810	623,000
Spongy iron products, not DRI	(4)	409	120	54,500
Granules for abrasive cleaning and other uses	2	2,240	21	21,000
Powders of alloy steel	6	9,080	46	79,700
Other ferrous powders	4	7,620	41	72,800
Total DRI, granules, powders	128	60,600	2,040	851,000
Grand total	885	347,000	8,660	3,430,000

-- 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 to date <sup>2</sup>	Monthly	Year to date <sup>2</sup>	Monthly	Year to date <sup>2</sup>
2012:						
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
May	7,370	36,000	76.5	76.8	98.7	98.7
June	7,100	43,100	76.1	76.7	98.6	98.7
July	7,440	50,600	77.3	76.8	98.5	98.7
August	7,470	58,000	77.6	76.9	98.9	98.7
September	7,290	65,300	78.3	77.0	98.8	98.7
October	7,370	72,700	76.5	77.0	98.9	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>	
	\$/t	\$/t	\$/t	\$/t	\$/t	\$/t
2012:						
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
May	329.64	324.43	332.50	327.25	449.58	442.48
June	324.86	319.73	327.50	322.33	441.96	434.98
July	339.50	334.14	337.83	332.49	441.96	434.98
August	340.69	335.31	340.83	335.45	441.96	434.98
September	336.61	331.29	335.50	330.20	436.88	429.98
October	335.71	330.41	334.17	328.89	426.72	419.98

<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.