

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN OCTOBER 2011

On a daily average basis in October 2011, estimated consumption of iron and steel scrap was down by 3%, net receipts of purchased scrap were up by 4%, and home scrap production was the same from that of September 2011. Stocks of purchased and home scrap at the end of October 2011 were down by 10% from those at the end of September 2011. These observations are based upon responses from about 26% 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 was down by 42% and consumption was down by 7% in October from those in September 2011. Stocks of pig iron at the end of October were up slightly from those at the end of September 2011.

Exports of iron and steel scrap for the month of September 2011 decreased by 25% from those of August 2011. Turkey was the leading country of destination, accounting for 22% of the total tonnage of exports, followed by China, with 18%, and Taiwan, with 17% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 27% of the total, followed by New York, NY, with 17%, and New Orleans, LA, with 9% (table 7).

Imports of iron and steel scrap for September 2011 were slightly up from those of August 2011. Canada was the leading country of origin, accounting for 89% of the total tonnage of imports, followed by Mexico, with 10% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 34% of the total, followed by Seattle, WA, with 28%, and Buffalo, NY, with 19% (table 10).

The daily average domestic raw steel production for October, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 231,000 metric tons, down by 4% from that in September 2011, and up by 10% from that in October 2010 (table 12). The electric furnace portion of raw steel production for October 2011 was 58%, up from 57% in September 2011, and down from 64% in October 2010.

Raw steel production capability utilization (AISI data) in October was 72%, down from 76% in September 2011, and up from 67% in October 2010 (table 12). Continuous cast steel production in October accounted for 98% of total raw steel production, the same as that in September 2011, and up from 97% in October 2010.

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

(Thousand metric tons)

	October 2011			Year to date 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	1,600	2,460	4,050	15,300	23,400	38,700
Receipts from other own company plants	9	273	282	112	2,480	2,590
Production recirculating scrap	415	263	678	3,620	3,080	6,700
Production obsolete scrap	W	W	11	W	W	83
Consumption (by type of furnace):						
Blast furnace	W	W	249	W	W	1,800
Basic oxygen process	W	W	778	W	W	7,430
Electric furnace	936	2,590	3,520	10,600	26,200	36,800
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,790	2,790	4,580	18,100	28,200	46,300
Shipments	83	19	102	896	495	1,390
Stocks, end of period	1,410	2,080	3,490	1,410	2,080	3,490
Pig iron (includes hot metal):						
Receipts	1,300	65	1,360	5,950	958	6,910
Production	W	W	1,330	W	W	22,600
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,510	W	W	26,300
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,600	82	2,680	28,400	957	29,300
Shipments	W	W	5	W	W	61
Stocks, end of period	W	W	451	W	W	451
Direct-reduced iron:⁸						
Receipts	98	46	144	854	457	1,310
Production	--	--	--	--	--	--
Total consumption	83	60	143	861	457	1,320
Shipments	--	--	--	--	--	--
Stocks, end of period	122	55	177	122	55	177

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. October 2011 data are based on returns from 26% of consumer surveys, representing 34% 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	October 2011				Year to date ³		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ⁴	Ending stocks	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ⁴
Carbon steel:							
Low-phosphorus plate and punchings	55	W	57	W	860	W	584
Cut structural and plate	317	54	360	239	3,050	542	3,680
No. 1 heavy melting steel	401	73	472	349	3,960	791	4,890
No. 2 heavy melting steel	448	22	472	363	4,800	211	5,010
No. 1 and electric furnace bundles	186	W	255	211	1,950	W	2,680
No. 2 and all other bundles	89	W	92	38	855	W	844
Electric furnace 1 foot and under (not bundles)	W	W	W	W	W	W	W
Railroad rails	23	W	23	22	205	W	249
Turnings and borings	178	4	199	89	1,690	40	1,890
Slag scrap	71	86	119	146	749	876	1,230
Shredded and fragmented	1,280	W	1,180	948	10,500	W	11,600
No. 1 busheling	329	12	350	230	3,700	142	3,870
Steel cans (post consumer)	9	--	9	3	90	--	93
All other carbon steel scrap	361	194	495	328	3,390	1,850	4,760
Stainless steel scrap	75	27	107	53	724	296	1,080
Alloy steel scrap	40	19	61	40	232	195	607
Ingot mold and stool scrap	W	W	8	18	W	W	83
Machinery and cupola cast iron	3	W	3	2	28	W	27
Cast iron borings	W	W	W	W	260	W	257
Motor blocks	--	--	--	--	--	--	--
Other iron scrap	73	22	96	147	763	198	966
Other mixed scrap	94	42	189	114	1,170	318	1,790
Total	4,050	678	4,580	3,490	38,700	6,700	46,300

⁰Preliminary. 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	October 2011			Year to date ^{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	404	142	606	4,090	1,460	6,070
North Central:						
Illinois and Indiana	548	140	662	4,790	1,400	5,840
Iowa, Minnesota, Nebraska, Wisconsin	249	14	273	2,490	150	2,740
Michigan	129	82	160	1,410	686	1,690
Ohio	484	125	565	4,750	1,130	5,720
Total	1,410	360	1,660	13,400	3,360	16,000
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	232	53	301	2,280	542	2,980
Georgia, North Carolina, South Carolina	311	18	342	3,080	166	3,450
Total	542	70	642	5,360	707	6,440
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	659	29	635	6,530	310	6,920
Arkansas, Louisiana, Oklahoma, Texas	572	43	659	6,010	457	7,080
Total	1,230	72	1,290	12,500	768	14,000
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	465	34	378	3,300	395	3,770
Grand total	4,050	678	4,580	38,700	6,700	46,300

^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	October 2011					Year to date 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	18	W	--	W	W	193	W	4	W	W
Cut structural and plate	42	104	76	87	W	425	977	646	929	W
No. 1 heavy melting steel	70	119	33	160	19	660	1,150	326	1,650	W
No. 2 heavy melting steel	10	176	58	168	W	101	2,150	583	1,680	W
No. 1 and electric furnace bundles	7	132	W	26	W	83	1,250	W	413	W
No. 2 and all other bundles	12	39	W	16	W	123	338	W	159	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	8	W	W	W	W	52	W
Turnings and borings	16	60	24	74	4	161	563	228	695	40
Slag scrap	11	26	W	W	--	110	272	W	189	W
Shredded and fragmentized	75	304	212	456	227	765	2,530	2,010	4,390	800
No. 1 busheling	54	132	20	123	W	557	1,370	302	1,440	W
Steel cans (post consumer)	6	W	--	--	--	50	W	--	--	W
All other carbon steel scrap	38	166	W	56	W	385	1,440	W	519	W
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	1	W	--	W	--	12	178	--	W	--
Ingot mold and stool scrap	W	W	--	--	--	W	W	--	--	--
Machinery and cupola cast iron	W	1	W	W	--	W	7	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Motor blocks	--	--	--	--	--	--	--	--	--	--
Other iron scrap	4	30	W	W	W	44	314	W	W	W
Other mixed scrap	W	4	W	W	W	W	92	W	22	W
Total	404	1,410	542	1,230	465	4,090	13,400	5,360	12,500	3,300

⁰Preliminary. 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	October 2011					Year to date ⁴				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	19	W	1	W	W	198	W	10	W	W
Cut structural and plate	53	112	95	92	W	526	1,150	959	968	W
No. 1 heavy melting steel	109	145	34	163	21	1,070	1,350	346	1,880	246
No. 2 heavy melting steel	16	186	58	185	W	160	2,130	598	1,810	W
No. 1 and electric furnace bundles	19	185	W	30	W	201	1,850	W	422	W
No. 2 and all other bundles	12	39	W	18	W	124	341	W	176	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	4	W	W	W	--	61	W
Turnings and borings	33	66	26	69	4	323	606	230	689	41
Slag scrap	17	55	W	30	W	163	558	W	331	W
Shredded and fragmentized	103	309	241	461	62	1,010	2,640	2,380	4,910	631
No. 1 busheling	61	140	28	122	W	608	1,450	306	1,480	W
Steel cans (post consumer)	6	W	--	--	W	49	W	--	--	W
All other carbon steel scrap	66	216	W	64	W	670	1,920	395	615	W
Stainless steel scrap	55	W	--	W	--	561	W	--	W	--
Alloy steel scrap	14	38	--	W	--	146	371	--	W	--
Ingot mold and stool scrap	W	1	--	W	--	W	44	--	W	--
Machinery and cupola cast iron	W	W	W	W	--	W	7	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Motor blocks	--	--	--	--	--	--	--	--	--	--
Other iron scrap	11	39	39	8	W	129	404	W	68	W
Other mixed scrap	W	33	W	8	W	W	283	W	83	W
Total	606	1,660	642	1,290	378	6,070	16,000	6,440	14,000	3,770

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

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

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴May include revisions to previously published data.

TABLE 6
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY^{1,2}

(Thousand metric tons and thousand dollars)

Region and country	September 2011		Year to date ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Argentina	--	--	2	1,020
Brazil	--	--	35	15,200
Canada	107	36,000	1,170	408,000
Ecuador	(4)	17	68	30,300
Guatemala	(4)	10	32	14,000
Mexico	32	13,900	433	187,000
Panama	--	--	1	183
Peru	30	13,500	123	53,900
Trinidad and Tobago	(4)	140	1	733
Venezuela	(4)	19	2	956
Other ⁵	2	179	7	2,110
Total	171	63,700	1,870	713,000
Africa, Europe, Middle East:				
Belgium	(4)	306	7	11,700
Egypt	111	49,200	675	292,000
Finland	6	13,200	35	82,600
France	(4)	432	12	3,930
Germany	1	274	2	1,120
Greece	--	--	34	12,500
Hungary	--	--	3	823
Iceland	1	48	2	350
Italy	51	25,700	160	76,600
Morocco	--	--	26	12,200
Netherlands	1	2,070	24	36,900
Saudi Arabia	(4)	6	19	8,250
Spain	6	12,400	28	24,600
Sweden	(4)	582	5	8,320
Turkey	458	204,000	4,320	1,890,000
United Arab Emirates	2	613	31	13,700
United Kingdom	(4)	231	4	2,980
Other ⁵	1	507	6	4,250
Total	638	310,000	5,390	2,480,000
Asia, Australia, Oceania:				
Bangladesh	5	2,360	38	18,400
China	376	208,000	3,250	1,780,000
Hong Kong	9	5,730	86	51,700
India	153	68,900	892	391,000
Indonesia	19	8,850	197	82,900
Japan	5	10,900	225	167,000
Korea, Republic of	189	89,200	2,400	1,070,000
Malaysia	56	24,400	802	357,000
Pakistan	17	10,200	148	80,300
Singapore	(4)	23	5	1,310
Taiwan	360	173,000	2,650	1,250,000
Thailand	83	37,500	617	274,000
Vietnam	7	2,490	335	138,000
Other ⁵	(4)	506	23	12,600
Total	1,280	642,000	11,700	5,680,000
Grand total	2,090	1,020,000	18,900	8,880,000

-- 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 year-to-date quantities of less than 500 metric tons.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Region and customs district	September 2011		Year to date ³	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	21	7,910	244	102,000
Chicago, IL	1	348	6	3,970
Detroit, MI	23	6,960	249	76,300
Duluth, MN	3	1,260	62	20,600
Great Falls, MT	(4)	111	6	1,590
Ogdensburg, NY	3	1,050	29	11,700
Pembina, ND	45	17,300	450	179,000
Other ⁵	4	727	56	6,930
Total	100	35,700	1,100	401,000
East Coast:				
Baltimore, MD	68	35,000	354	167,000
Boston, MA	32	14,600	964	422,000
Charleston, SC	15	9,120	116	73,900
Charlotte, NC	6	3,520	21	18,000
Miami, FL	63	26,500	465	181,000
New York, NY	347	178,000	2,560	1,260,000
Norfolk, VA	51	23,900	369	178,000
Philadelphia, PA	86	38,000	845	376,000
Portland, ME	(4)	131	128	60,300
Providence, RI	32	14,000	442	192,000
Savannah, GA	42	27,400	389	229,000
St. Albans, VT	7	2,770	69	27,300
Washington, DC	--	--	(4)	19
Total	749	373,000	6,730	3,190,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	2	676	15	5,940
Houston-Galveston, TX	158	70,900	912	418,000
Laredo, TX	23	9,930	247	103,000
Mobile, AL	23	13,900	98	56,800
New Orleans, LA	185	74,500	1,060	474,000
San Juan, PR	21	7,240	267	92,800
Tampa, FL	9	5,070	465	212,000
Other ⁵	(4)	3	1	93
Total	421	182,000	3,060	1,360,000
West Coast and Hawaii:				
Columbia-Snake, OR	94	44,400	1,090	494,000
Honolulu, HI and Anchorage, AK	7	2,900	144	63,000
Los Angeles, CA	555	301,000	4,050	2,130,000
San Diego, CA	2	96	5	1,560
San Francisco, CA	108	50,600	1,820	812,000
Seattle, WA	54	25,700	929	427,000
Total	818	425,000	8,040	3,930,000
Grand total	2,090	1,020,000	18,900	8,880,000

-- 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 Code 70, which is for low-valued exports from the United States to Canada.

Source: U.S. Census Bureau.

TABLE 8
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	September 2011		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	742	309,000	6,340	2,730,000
No. 2 heavy melting steel	122	53,500	904	381,000
No. 1 bundles	53	19,400	397	131,000
No. 2 bundles	(3)	168	9	2,300
Shredded steel scrap	669	302,000	6,420	2,840,000
Borings, shovelings and turnings	11	4,300	85	23,900
Cut plate and structural	72	32,500	783	347,000
Tinned iron or steel	11	5,720	91	53,200
Remelting scrap ingots	4	4,010	29	29,800
Cast iron	49	21,900	402	178,000
Other iron and steel	219	106,000	2,200	975,000
Total carbon steel and cast iron	1,950	859,000	17,600	7,690,000
Stainless steel	69	110,000	502	728,000
Other alloy steel	66	46,700	773	458,000
Total stainless and alloy steel	135	157,000	1,280	1,190,000
Total carbon, stainless, alloy steel and cast iron	2,090	1,020,000	18,900	8,880,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	82	3	628
Used rails for rerolling and other uses	2	3,000	38	38,600
Total scrap exports	2,090	1,020,000	19,000	8,920,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	472	45	23,100
Pig iron > 0.5% phosphorus	--	--	(3)	43
Alloy pig iron	(3)	98	56	6,410
Total pig iron	1	570	101	29,600
Direct-reduced iron (DRI)	(3)	13	1	175
Spongy iron products, not DRI	1	400	7	4,300
Granules for abrasive cleaning and other uses	3	4,920	29	41,500
Powders of alloy steel	1	2,450	6	26,500
Other ferrous powders	9	10,400	89	97,100
Total DRI, granules, powders	14	18,100	132	170,000
Grand total	2,110	1,040,000	19,200	9,120,000

-- Zero.

¹Export valuation is on a free-alongside-ship basis.

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

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED COUNTRY^{1,2}

(Thousand metric tons and thousand dollars)

Country	September 2011		Year to date ³	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	59	7	2,020
Brazil	--	--	3	642
Canada	283	110,000	2,390	963,000
Germany	(4)	96	25	10,700
Japan	(4)	70	3	1,080
Jordan	--	--	2	355
Mexico	32	13,600	379	174,000
Netherlands	--	--	30	13,200
Peru	1	268	5	795
Singapore	--	--	3	7,800
Sweden	(4)	605	43	22,300
Taiwan	(4)	26	1	4,150
Turks and Caicos Islands	--	--	2	867
United Kingdom	(4)	15	68	33,000
Other ⁵	3	745	13	8,860
Total	319	125,000	2,980	1,240,000

-- Zero.

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

⁵Includes countries with year-to-date quantities of less than 500 metric tons.

Source: U.S. Census Bureau.

TABLE 10
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED CUSTOMS DISTRICT^{1,2}

(Thousand metric tons and thousand dollars)

Customs district	September 2011		Year to date ³	
	Quantity	Value	Quantity	Value
Buffalo, NY	61	29,900	508	292,000
Charleston, SC	(4)	46	105	47,200
Cleveland, OH	(4)	3	37	13,100
Columbia-Snake, OR	(4)	12	24	8,120
Detroit, MI	107	43,300	898	359,000
Duluth, MN	3	1,430	35	16,300
El Paso, TX	3	1,340	36	15,900
Great Falls, MT	14	5,490	132	51,300
Laredo, TX	8	5,870	133	94,600
Los Angeles, CA	(4)	311	1	2,270
Miami, FL	1	368	6	2,030
Mobile, AL	(4)	632	2	1,950
New Orleans, LA	--	--	60	28,100
New York, NY	(4)	44	5	3,160
Nogales, AZ	2	551	22	8,320
Ogdensburg, NY	1	759	16	25,200
Pembina, ND	7	2,820	43	20,700
Portland, ME	(4)	220	8	3,540
San Diego, CA	20	5,900	187	54,100
Savannah, GA	--	--	8	1,330
Seattle, WA	89	25,700	697	185,000
Other	1	583	15	8,980
Total	319	125,000	2,980	1,240,000

-- Zero.

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats and other vessels for scrapping. Import valuation is on a Customs basis.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 11
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER
FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	September 2011		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	20	7,030	153	55,300
No. 2 heavy melting steel	7	2,290	47	15,600
No. 1 bundles	70	32,800	783	359,000
No. 2 bundles	2	472	15	4,000
Shredded steel scrap	30	6,400	293	69,700
Borings, shovelings and turnings	13	3,110	82	18,200
Cut plate and structural	28	9,130	184	55,200
Tinned iron or steel	11	3,420	70	19,500
Remelting scrap ingots	(3)	59	(3)	434
Cast iron	14	5,080	151	51,400
Other iron and steel	42	10,400	454	115,000
Total carbon steel and cast iron	237	80,200	2,230	763,000
Stainless steel	11	15,700	135	250,000
Other alloy steel	71	29,400	610	230,000
Total stainless and alloy steel	82	45,100	745	480,000
Total carbon, stainless, alloy steel and cast iron	319	125,000	2,980	1,240,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	37
Total scrap imports	319	125,000	2,980	1,240,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	582	308,000	3,390	1,710,000
Pig iron > or = 0.5% phosphorus	--	--	--	--
Alloy pig iron	(3)	30	(3)	508
Total pig iron	582	308,000	3,390	1,710,000
Direct-reduced iron (DRI)	173	80,000	1,310	554,000
Spongy iron products, not DRI	(3)	628	2	4,020
Granules for abrasive cleaning and other uses	12	6,580	46	29,500
Powders of alloy steel	5	8,600	52	97,700
Other ferrous powders	4	6,960	79	78,900
Total DRI, granules, powders	194	103,000	1,490	764,000
Grand total	1,100	537,000	7,860	3,720,000

-- Zero.

¹Import valuation is on a Customs basis.

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

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 12
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,
AND CONTINUOUS CAST STEEL PRODUCTION¹

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date ²	Monthly	Year to date ²	Monthly	Year to date ²
2010:						
October	6,540	65,300	67.3	70.8	97.1	97.4
November	6,420	71,700	68.3	70.5	97.3	97.4
December	6,650	78,400	68.4	70.4	97.5	97.4
2011:						
January	7,190	7,190	73.2	73.2	96.3	96.3
February	6,690	13,900	75.4	74.2	97.4	97.5
March	7,370	21,200	75.0	74.5	97.4	97.5
April	7,030	28,300	74.2	74.4	97.4	97.4
May	7,140	35,400	72.7	74.4	97.5	97.5
June	7,250	42,700	76.2	74.4	97.7	97.5
July	7,370	50,000	75.0	74.4	98.0	97.6
August	7,440	57,500	75.7	74.7	97.9	97.6
September	7,240	64,700	76.1	74.8	98.1	97.6
October	7,160	71,900	71.9	74.5	97.9	97.7

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 No. 1 HMS		Iron Age No. 1 HMS		Iron Age Pig Iron ¹	
	\$/t	\$/t	\$/t	\$/t	\$/t	\$/t
2010:						
October	319.45	314.40	322.50	317.41	470.41	462.98
November	338.25	332.91	334.83	329.54	371.25	365.39
December	371.84	365.97	279.96	275.54	495.81	487.98
Average, January-December	331.58	326.34	323.82	318.71	464.24	456.91
2011:						
January	429.00	422.22	341.73	336.33	434.95	428.08
February	417.19	410.60	416.42	409.84	557.66	548.85
March	416.38	409.80	417.17	410.58	446.13	439.08
April	412.14	405.63	411.92	405.41	558.80	549.97
May	404.44	398.05	402.50	396.14	558.80	549.97
June	415.68	409.11	415.00	408.48	558.80	549.97
July	419.50	412.87	418.50	411.89	558.80	549.97
August	418.55	411.94	417.16	410.57	558.80	549.97
September	NA	NA	416.83	410.25	558.80	549.97
October	NA	NA	408.30	401.85	553.21	544.47

NA Not available.

¹Prices are Brazilian basic pig iron, f.o.b. New Orleans, LA.

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