

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN OCTOBER 2010

On a daily average basis in October 2010, estimated consumption of iron and steel scrap was down 6%, net receipts of purchased scrap were down 7%, and home scrap production was unchanged from that of September 2010, according to the U.S. Geological Survey. Stocks of purchased and home scrap at the end of October 2010 were up 3% from those at the end of September 2010. These observations are based upon responses from about 27% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 37% of the total scrap consumption in those sectors, and estimates for non-respondents to this survey.

On a daily average basis, pig iron production in October was down 4% and consumption was down 6% from those in September 2010. Stocks of pig iron at the end of October were up slightly from those at the end of September 2010.

Exports of iron and steel scrap for the month of September 2010 decreased by 8% from those of August 2010. Turkey was the leading country of destination, accounting for 33% of the total tonnage of exports, followed by the Republic of Korea, with 13%, and Taiwan, with 12% (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 16%, and San Francisco, CA, with 8% (table 7).

Imports of iron and steel scrap for September 2010 increased by 7% from those of August. Canada was the leading country of origin, accounting for 88% of the total tonnage of imports, followed by Mexico, with 12% (table 9). Seattle, WA, was the leading U.S. Customs district for tonnage of imports, accounting for 33% of the total, followed by Detroit, MI, with 28%, and Buffalo, NY, with 16% (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 211,000 metric tons, down 4% from that in September 2010, and up 9% from that in October 2009 (table 12). The electric furnace portion of raw steel production for October was 64%, up from 61% in September 2010, and up from 58% in October 2009.

Raw steel production capability utilization (AISI data) in October was 67%, down from 70% in September 2010, and up from 62% in October 2009 (table 12). Continuous cast steel production in October accounted for 97% of total raw steel production, down from 98% in September 2010 and October 2009.

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

(Thousand metric tons)

	October 2010			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	1,280	2,070	3,350	13,400	21,000	34,400
Receipts from other own company plants	34	250	284	365	2,470	2,830
Production recirculating scrap	338	266	604	3,320	2,700	6,020
Production obsolete scrap	W	W	13	W	W	124
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	841	W	W	8,060
Electric furnace	751	2,370	3,120	8,640	23,800	32,500
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,500	2,560	4,060	16,000	25,800	41,800
Shipments	95	36	131	963	261	1,220
Stocks end of month	1,290	1,720	3,010	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	535	64	599	7,610	907	8,520
Production	W	W	2,220	W	W	19,800
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,640	W	W	25,600
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,720	79	2,800	27,300	897	28,200
Shipments	W	W	6	W	W	77
Stocks at end of month	W	W	511	XX	XX	XX
Direct-reduced iron:⁸						
Receipts	W	W	90	W	W	1,160
Production	--	--	--	--	--	--
Total consumption	80	30	110	845	325	1,170
Shipments	--	--	--	--	W	W
Stocks end of month	103	41	144	XX	XX	XX

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable. -- 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 2010 data are based on returns from 27% of consumer surveys, representing 37% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³Prior months' data may have been revised.

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 2010				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	53	W	55	W	558	W	579
Cut structural and plate	253	56	311	217	2,640	504	3,220
No. 1 heavy melting steel	334	80	432	322	3,570	831	4,540
No. 2 heavy melting steel	436	20	490	332	4,440	204	4,700
No. 1 and electric furnace bundles	194	W	256	225	2,110	W	2,860
No. 2 and all other bundles	82	W	74	49	772	W	775
Electric furnace 1 foot and under (not bundles)	3	W	9	W	30	W	75
Railroad rails	14	W	19	5	140	W	194
Turnings and borings	147	4	166	97	1,420	36	1,600
Slag scrap	80	93	124	171	753	811	1,160
Shredded and fragmentized	873	W	958	646	8,520	W	9,740
No. 1 busheling	283	14	297	232	3,260	177	3,500
Steel cans (post consumer)	9	--	8	5	81	--	82
All other carbon steel scrap	305	136	435	244	3,160	1,340	4,520
Stainless steel scrap	66	30	103	50	721	303	1,090
Alloy steel scrap	6	17	55	37	87	286	474
Ingot mold and stool scrap	W	W	5	11	W	W	49
Machinery and cupola cast iron	W	W	1	3	W	W	14
Cast iron borings	W	W	W	W	173	W	167
Motor blocks	--	--	--	--	--	--	--
Other iron scrap	72	16	87	129	760	158	923
Other mixed scrap	123	12	150	92	1,170	150	1,550
Total	3,350	604	4,060	3,010	34,400	6,020	41,800

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.

³Prior months' data may have been revised.

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 2010			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	375	154	589	3,880	1,500	6,030
North Central:						
Illinois and Indiana	386	145	507	4,070	1,450	5,320
Iowa, Minnesota, Nebraska, Wisconsin	199	5	220	2,020	58	2,180
Michigan	116	64	133	1,280	605	1,420
Ohio	411	67	550	4,480	672	5,240
Total	1,110	281	1,410	11,800	2,780	14,200
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	229	53	282	2,150	539	2,850
Georgia, North Carolina, South Carolina	235	12	283	2,610	109	2,940
Total	464	65	565	4,770	648	5,790
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	527	34	530	5,380	363	5,870
Arkansas, Louisiana, Oklahoma, Texas	581	41	631	5,670	444	6,600
Total	1,110	75	1,160	11,000	807	12,500
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	295	29	333	2,840	289	3,360
Grand total	3,350	604	4,060	34,400	6,020	41,800

^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.

³Prior months' data may have been revised.

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 2010					Year to date ^{p,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	17	W	--	W	W	175	W	--	W	W
Cut structural and plate	37	83	56	71	W	400	878	659	634	W
No. 1 heavy melting steel	62	81	26	150	W	632	988	301	1,500	W
No. 2 heavy melting steel	10	183	49	173	W	101	2,000	493	1,630	W
No. 1 and electric furnace bundles	6	128	W	38	W	101	1,270	W	457	W
No. 2 and all other bundles	14	32	W	W	W	133	368	96	157	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	46	19	61	5	145	427	198	598	48
Slag scrap	11	27	W	24	W	110	214	W	249	W
Shredded and fragmentized	82	186	174	377	54	715	2,020	1,670	3,590	540
No. 1 busheling	36	112	W	106	W	526	1,160	289	1,240	W
Steel cans (post consumer)	5	W	--	--	W	37	W	--	--	W
All other carbon steel scrap	31	141	W	45	W	298	1,540	W	453	W
Stainless steel scrap	31	W	--	W	--	379	W	--	W	--
Alloy steel scrap	2	2	--	W	--	17	42	--	W	--
Ingot mold and stool scrap	W	--	--	--	--	W	--	--	--	--
Machinery and cupola cast iron	W	W	W	--	--	W	W	W	--	--
Cast iron borings	W	W	W	2	W	W	W	W	25	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	9	21	W	W	W	51	269	W	W	W
Other mixed scrap	W	3	W	W	W	W	38	W	W	W
Total	375	1,110	464	1,110	295	3,880	11,800	4,770	11,000	2,840

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

¹Scrap received from brokers, dealers, and other outside sources.

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

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

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

⁵Prior months' data may have been revised.

TABLE 5
 CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3}

(Thousand metric tons)

Item	October 2010					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	17	W	W	W	W	181	W	W	W	W
Cut structural and plate	48	103	91	62	W	504	1,030	949	670	W
No. 1 heavy melting steel	105	105	30	167	W	1,050	1,210	345	1,690	252
No. 2 heavy melting steel	16	223	46	182	W	160	2,030	501	1,790	W
No. 1 and electric furnace bundles	18	187	W	28	W	221	1,870	W	477	W
No. 2 and all other bundles	14	29	W	17	W	134	369	81	172	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	31	47	22	61	5	305	443	201	600	49
Slag scrap	16	52	W	39	W	163	424	W	398	W
Shredded and fragmentized	104	208	208	384	54	980	2,190	2,030	4,000	540
No. 1 busheling	45	122	25	100	W	592	1,260	293	1,310	W
Steel cans (post consumer)	4	W	--	--	W	39	W	--	--	W
All other carbon steel scrap	74	176	39	56	W	729	1,860	390	638	W
Stainless steel scrap	50	W	--	W	--	572	W	--	W	--
Alloy steel scrap	13	36	--	W	--	138	279	--	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	25	W
Motor blocks	--	--	--	--	--	--	--	--	--	--
Other iron scrap	18	27	W	6	W	123	346	W	83	W
Other mixed scrap	W	10	W	W	W	W	114	W	W	W
Total	589	1,410	565	1,160	333	6,030	14,200	5,790	12,500	3,360

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.

⁴Prior months' data may have been revised.

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 2010		Year to date ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Argentina	(4)	150	4	1,270
Brazil	--	--	61	20,400
Canada	131	40,600	1,080	332,000
Chile	(4)	77	1	333
Dominican Republic	(4)	31	2	508
Jamaica	(4)	16	1	266
Mexico	32	10,700	500	165,000
Peru	32	11,400	218	75,900
Trinidad and Tobago	--	--	1	480
Venezuela	1	21	14	6,500
Other ⁵	(4)	132	2	1,940
Total	197	63,000	1,890	605,000
Africa, Europe, Middle East:				
Austria	(4)	219	1	2,010
Belgium	1	4,920	4	12,700
Egypt	114	41,500	394	140,000
Finland	--	--	25	51,900
France	1	114	2	2,180
Germany	1	433	8	2,340
Greece	--	--	61	17,800
Israel	(4)	77	2	937
Italy	1	697	118	47,900
Libya	--	--	3	453
Netherlands	5	2,740	15	15,100
Pakistan	8	4,200	124	47,300
Spain	(4)	367	14	30,200
Swaziland	--	--	1	187
Sweden	(4)	1,170	2	6,530
Turkey	546	198,000	2,990	1,050,000
United Arab Emirates	(4)	33	2	1,020
United Kingdom	(4)	475	5	6,380
Other ⁵	(4)	204	6	1,550
Total	677	256,000	3,780	1,430,000
Asia, Australia, Oceania:				
Bangladesh	4	1,220	24	9,050
China	107	89,400	2,250	1,290,000
Hong Kong	7	5,280	73	67,000
India	46	18,500	670	229,000
Indonesia	45	17,400	266	99,700
Japan	11	12,300	157	144,000
Korea, Republic of	218	83,500	2,260	816,000
Malaysia	31	11,300	680	266,000
Singapore	1	294	5	1,820
Taiwan	195	83,900	1,950	793,000
Thailand	5	1,590	335	117,000
Vietnam	117	40,100	443	149,000
Other ⁵	1	10	1	3,480
Total	788	365,000	9,110	3,990,000
Grand total	1,660	684,000	14,800	6,030,000

See footnotes at end of table.

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

(Thousand metric tons and thousand dollars)

-- 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.

³Prior months' data may have been revised.

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 2010		Year to date ³	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	29	11,000	270	102,000
Chicago, IL	(4)	104	6	2,400
Cleveland, OH	(4)	70	4	1,520
Detroit, MI	39	11,700	243	71,900
Duluth, MN	4	1,210	52	15,900
Great Falls, MT	1	214	8	1,540
Ogdensburg, NY	5	1,700	36	12,000
Pembina, ND	33	11,200	324	110,000
Other ⁵	10	1,150	74	8,100
Total	121	38,300	1,020	326,000
East Coast:				
Baltimore, MD	14	5,780	181	69,500
Boston, MA	70	23,100	727	249,000
Charleston, SC	10	6,540	112	64,200
Charlotte, NC	1	1,520	17	17,400
Miami, FL	41	13,000	338	116,000
New York, NY	270	117,000	1,900	856,000
Norfolk, VA	19	9,670	228	115,000
Philadelphia, PA	123	42,600	643	221,000
Portland, ME	28	10,900	150	55,900
Providence, RI	28	9,660	324	108,000
Savannah, GA	33	20,300	323	180,000
St. Albans, VT	7	2,540	56	17,800
Total	644	263,000	5,000	2,070,000
Gulf Coast and Mexican-U.S.				
Border (includes Caribbean territories):				
El Paso, TX	2	439	17	4,710
Houston-Galveston, TX	61	27,500	585	228,000
Laredo, TX	28	9,390	255	85,600
Mobile, AL	4	2,240	51	24,600
New Orleans, LA	44	16,300	816	300,000
San Juan, PR	35	8,930	266	70,900
Tampa, FL	127	47,600	406	150,000
U.S. Virgin Islands	--	--	11	2,610
Other	(4)	3	1	164
Total	301	112,000	2,410	866,000
West Coast and Hawaii:				
Columbia-Snake, OR	97	35,800	832	307,000
Honolulu, HI and Anchorage, AK	5	1,790	132	44,100
Los Angeles, CA	341	173,000	2,940	1,500,000
San Diego, CA	3	832	22	5,900
San Francisco, CA	130	49,100	1,510	566,000
Seattle, WA	20	10,000	909	341,000
Total	596	270,000	6,340	2,770,000
Grand total	1,660	684,000	14,800	6,030,000

-- 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.

³Prior months' data may have been revised.

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 2010		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	529	183,000	4,000	1,350,000
No. 2 heavy melting steel	78	27,200	759	240,000
No. 1 bundles	22	5,180	257	64,700
No. 2 bundles	1	103	33	14,000
Shredded steel scrap	523	192,000	5,260	1,850,000
Borings, shovelings and turnings	5	742	44	7,430
Cut plate and structural	85	31,500	528	195,000
Tinned iron or steel	5	4,780	64	40,300
Remelting scrap ingots	2	2,480	19	24,500
Cast iron	50	18,800	384	150,000
Other iron and steel	204	78,500	2,090	768,000
Total carbon steel and cast iron	1,500	544,000	13,400	4,710,000
Stainless steel	71	70,100	656	667,000
Other alloy steel	87	69,200	679	651,000
Total stainless and alloy steel	158	139,000	1,340	1,320,000
Total carbon, stainless, alloy steel and cast iron	1,660	684,000	14,800	6,030,000
Ships, boats, and other vessels for breaking up (for scrapping)	3	380	4	617
Used rails for rerolling and other uses	6	5,520	35	31,000
Total scrap exports	1,670	689,000	14,800	6,060,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	3	1,510	17	8,130
Pig iron > 0.5% phosphorus	--	--	(3)	6
Alloy pig iron	30	321	35	1,400
Total pig iron	33	1,830	52	9,540
Direct-reduced iron (DRI)	--	--	1	102
Spongy iron products, not DRI	(3)	205	3	1,960
Granules for abrasive cleaning and other uses	3	5,210	23	30,000
Powders of alloy steel	1	2,040	5	21,200
Other ferrous powders	12	12,600	99	105,000
Total DRI, granules, powders	16	20,100	131	159,000
Grand total	1,720	711,000	15,000	6,230,000

-- 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 2010		Year to date ³	
	Quantity	Value	Quantity	Value
Argentina	--	--	2	269
Bahamas, The	(4)	60	6	1,970
Canada	226	78,700	1,970	712,000
Cayman Islands	--	--	2	567
Egypt	(4)	142	1	948
Germany	(4)	38	75	28,700
Japan	(4)	67	1	385
Mexico	31	14,700	315	144,000
Netherlands	--	--	136	49,700
Peru	(4)	115	1	463
Sweden	--	--	82	25,300
Taiwan	(4)	160	3	6,430
United Kingdom	(4)	113	273	105,000
Venezuela	--	--	1	2,390
Other ⁵	1	1,220	5	9,680
Total	258	95,200	2,870	1,090,000

-- 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.

³Prior months' data may have been revised.

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 2010		Year to date ³	
	Quantity	Value	Quantity	Value
Buffalo, NY	41	20,800	388	219,000
Charleston, SC	(4)	100	189	70,300
Cleveland, OH	(4)	8	1	2,630
Columbia-Snake, OR	5	1,430	20	5,790
Detroit, MI	72	28,400	674	257,000
Duluth, MN	2	1,150	19	9,130
El Paso, TX	8	3,110	57	22,300
Great Falls, MT	18	5,430	136	43,200
Laredo, TX	10	7,900	111	81,100
Los Angeles, CA	(4)	241	3	7,720
Miami, FL	(4)	49	6	1,220
Mobile, AL	--	--	61	23,400
New Orleans, LA	(4)	2	299	107,000
Nogales, AZ	1	519	8	2,910
Ogdensburg, NY	3	4,010	22	29,000
Pembina, ND	1	1,060	27	16,100
Philadelphia, PA	(4)	71	17	7,030
Portland, ME	1	309	6	4,230
San Diego, CA	11	3,350	136	37,800
Seattle, WA	84	16,100	675	130,000
Other	1	1,240	15	11,500
Total	258	95,200	2,870	1,090,000

-- 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.

³Prior months' data may have been revised.

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 2010		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	16	4,790	121	36,100
No. 2 heavy melting steel	4	1,060	51	13,900
No. 1 bundles	43	16,800	979	380,000
No. 2 bundles	2	362	24	4,210
Shredded steel scrap	38	6,550	323	69,600
Borings, shoveling and turnings	8	1,710	58	14,400
Cut plate and structural	17	4,460	129	32,300
Tinned iron or steel	8	1,730	53	10,800
Remelting scrap ingots	(3)	82	(3)	190
Cast iron	8	2,300	109	32,600
Other iron and steel	44	11,600	343	90,000
Total carbon steel and cast iron	188	51,500	2,190	684,000
Stainless steel	17	24,700	148	231,000
Other alloy steel	53	19,000	532	174,000
Total stainless and alloy steel	70	43,800	680	405,000
Total carbon, stainless, alloy steel and cast iron	258	95,200	2,870	1,090,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	222
Total scrap imports	258	95,200	2,870	1,090,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	273	118,000	3,060	1,230,000
Pig iron > or = 0.5% phosphorus	--	--	--	--
Alloy pig iron	(3)	48	(3)	357
Total pig iron	273	118,000	3,060	1,230,000
Direct-reduced iron (DRI)	149	63,900	1,250	446,000
Spongy iron products, not DRI	(3)	486	1	2,970
Granules for abrasive cleaning and other uses	2	1,290	31	16,100
Powders of alloy steel	5	9,160	43	70,500
Other ferrous powders	3	5,580	31	51,600
Total DRI, granules, powders	159	80,400	1,360	588,000
Grand total	690	294,000	7,290	2,910,000

-- 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
2009:						
October	5,990	46,500	62.3	49.4	97.8	97.4
November	5,710	52,200	61.4	50.5	97.8	97.4
December	5,860	58,000	60.9	51.4	98.0	97.5
2010:						
January	6,230	6,230	64.2	64.2	98.0	97.5
February	6,240	12,500	71.1	67.5	97.5	97.3
March	7,110	19,600	73.2	69.4	97.1	97.2
April	6,960	26,500	74.0	70.6	97.4	97.3
May	5,130	31,700	74.8	71.4	97.6	97.4
June	7,090	38,800	75.4	72.1	97.7	97.4
July	6,760	45,500	69.6	71.7	97.7	97.4
August	6,620	52,100	68.1	71.3	97.5	97.4
September	6,600	58,800	70.2	71.2	97.5	97.4
October	6,540	65,300	67.3	70.8	97.1	97.4

¹Data are rounded to no more than three significant digits.

²May include revisions for previous months.

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	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2009:						
August	240.37	236.57	242.43	238.60	344.93	339.48
September	257.06	253.00	256.42	252.37	359.16	353.49
October	243.60	239.75	240.92	237.12	359.16	353.49
November	214.53	211.14	217.03	213.60	359.16	353.49
December	252.14	248.16	254.83	250.81	362.60	356.87
Average, January - December	207.53	204.25	207.49	204.21	375.02	369.10
2010:						
January	295.35	290.69	294.25	289.60	387.86	381.73
February	299.74	295.01	302.33	297.56	343.57	338.14
March	345.94	340.48	343.57	338.14	463.80	456.47
April	370.91	365.05	373.58	367.68	537.59	529.10
May	340.83	335.45	346.75	341.27	543.18	534.60
June	325.30	320.16	324.16	319.04	519.18	510.98
July	298.89	294.17	295.50	290.83	490.22	482.48
August	324.85	319.72	322.36	317.27	473.96	466.47
September	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA

NA Not available.

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

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

