

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN MAY 2011

On a daily average basis in May 2011, estimated consumption of iron and steel scrap was down by 5%, net receipts of purchased scrap were down by 4%, and home scrap production was down by 5% from that of April 2011, according to the U.S. Geological Survey. Stocks of purchased and home scrap at the end of May 2011 were down slightly from those at the end of April 2011. These observations are based upon responses from about 25% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 31% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production in May was up slightly and consumption was up slightly from that in April 2011. Stocks of pig iron at the end of May were up by 21% from those at the end of April 2011.

Exports of iron and steel scrap for April 2011 increased by 20% from those of March 2011. The Republic of Korea was the leading country of destination, accounting for 20% of the total tonnage of exports, followed by China, with 19%, and Turkey, with 16% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 24% of the total, followed by New Orleans, LA, with 10%,

Philadelphia, PA, with 8%, and San Francisco, CA, with 8% (table 7).

Imports of iron and steel scrap for April 2011 were down by 6% from those of March 2011. Canada was the leading country of origin, accounting for 76% of the total tonnage of imports, followed by Mexico with 13%, and the Netherlands with 5% (table 9). Seattle, WA, and Detroit, MI, were the leading U.S. Customs districts for tonnage of imports, each accounting for 26% of the total, followed by Buffalo, NY, with 18% (table 10).

The daily average domestic raw steel production for May, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 230,000 metric tons, down slightly from that in April 2011, and up by 39% from that in May 2010 (table 12). The electric furnace portion of raw steel production for May 2011 was 60%, down from 64% in April 2011, and down from 61% in May 2010.

Raw steel production capability utilization (AISI data) in May was 73%, down from 74% in April 2011, and down from 75% in May 2010 (table 12). Continuous cast steel production in May accounted for 98% of total raw steel production, up slightly from that in April 2011 and down slightly from that in May 2010.

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

(Thousand metric tons)

	May 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	1,550	2,220	3,770	7,860	11,300	19,200
Receipts from other own company plants	13	254	267	58	1,340	1,400
Production recirculating scrap	358	263	621	1,770	1,690	3,450
Production obsolete scrap	W	W	4	W	W	37
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	728	W	W	4,200
Electric furnace	1,030	2,520	3,550	5,250	12,900	18,200
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,810	2,710	4,530	9,200	13,900	23,100
Shipments	97	19	116	474	409	883
Stocks, end of period	1,290	1,760	3,060	1,290	1,760	3,060
Pig iron (includes hot metal):						
Receipts	544	177	721	2,580	572	3,150
Production	W	W	2,480	W	W	12,000
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,860	W	W	13,700
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,960	143	3,110	14,400	534	14,900
Shipments	W	W	5	W	W	34
Stocks, end of period	W	W	523	W	W	523
Direct-reduced iron:⁸						
Receipts	W	W	176	W	W	613
Production	--	--	--	--	--	--
Total consumption	71	40	111	440	162	602
Shipments	--	--	--	--	--	--
Stocks, end of period	86	88	174	86	88	174

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. May 2011 data are based on returns from 25% of consumer surveys, representing 31% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³May include revisions to prior months' 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 PRODUCER^{1,2}

(Thousand metric tons)

Item	May 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	56	W	58	W	283	W	293
Cut structural and plate	291	52	354	212	1,500	272	1,840
No. 1 heavy melting steel	379	82	479	297	1,930	410	2,450
No. 2 heavy melting steel	461	20	507	336	2,410	102	2,530
No. 1 and electric furnace bundles	202	W	282	216	1,040	W	1,390
No. 2 and all other bundles	83	W	82	33	418	W	440
Electric furnace 1 foot and under (not bundles)	1	W	6	W	5	W	38
Railroad rails	21	W	27	16	101	W	125
Turnings and borings	149	4	176	76	815	20	920
Slag scrap	78	88	122	153	396	453	643
Shredded and fragmentized	988	W	1,080	696	5,050	W	5,670
No. 1 busheling	380	14	397	267	1,940	74	1,990
Steel cans (post consumer)	9	--	9	5	45	--	45
All other carbon steel scrap	338	145	470	267	1,730	1,030	2,390
Stainless steel scrap	70	30	104	46	365	155	554
Alloy steel scrap	10	20	61	45	50	99	303
Ingot mold and stool scrap	W	W	6	12	W	W	28
Machinery and cupola cast iron	W	W	11	W	W	W	22
Cast iron borings	22	W	25	14	124	W	131
Motor blocks	--	--	--	--	--	--	--
Other iron scrap	80	18	97	138	390	91	468
Other mixed scrap	146	27	176	109	563	128	844
Total	3,770	621	4,530	3,060	19,200	3,450	23,100

¹Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

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

⁴May include revisions to prior months' data.

⁵Includes 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	May 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	387	145	585	2,050	738	3,030
North Central:						
Illinois and Indiana	462	141	578	2,310	705	2,850
Iowa, Minnesota, Nebraska, Wisconsin	250	15	278	1,250	76	1,380
Michigan	157	65	170	728	317	820
Ohio	427	82	572	2,350	695	2,940
Total	1,300	303	1,600	6,640	1,790	7,980
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	224	53	303	1,140	262	1,490
Georgia, North Carolina, South Carolina	272	10	313	1,400	64	1,600
Total	496	63	616	2,540	326	3,090
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	695	30	700	3,430	159	3,550
Arkansas, Louisiana, Oklahoma, Texas	548	38	641	2,960	229	3,560
Total	1,240	68	1,340	6,380	388	7,110
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	344	42	385	1,560	207	1,900
Grand total	3,770	621	4,530	19,200	3,450	23,100

^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 prior months' 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	May 2011					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	19	W	--	W	W	98	W	--	W	W
Cut structural and plate	38	96	62	89	W	212	491	296	468	W
No. 1 heavy melting steel	60	107	27	169	W	323	563	158	812	W
No. 2 heavy melting steel	10	214	56	154	W	50	1,120	292	816	W
No. 1 and electric furnace bundles	7	127	W	47	W	46	627	W	258	W
No. 2 and all other bundles	12	29	23	17	W	63	177	88	80	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	52	22	55	4	78	269	115	333	20
Slag scrap	11	34	W	15	W	55	148	W	102	W
Shredded and fragmented	69	232	178	446	63	372	1,180	956	2,220	316
No. 1 busheling	57	141	W	150	W	286	698	W	791	W
Steel cans (post consumer)	4	W	--	--	W	23	W	--	--	W
All other carbon steel scrap	39	146	W	53	W	197	770	W	259	W
Stainless steel scrap	35	W	--	W	--	192	W	--	W	--
Alloy steel scrap	1	5	--	W	--	6	23	--	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	1	W	W	W	W	8	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	4	32	W	W	W	22	157	W	W	W
Other mixed scrap	W	5	W	3	W	W	24	W	14	W
Total	387	1,300	496	1,240	344	2,050	6,640	2,540	6,380	1,560

^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.

⁵May include revisions to prior months' data.

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

(Thousand metric tons)

Item	May 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	100	W	5	W	W
Cut structural and plate	48	112	94	93	W	261	582	471	489	W
No. 1 heavy melting steel	95	136	32	190	26	514	675	176	959	131
No. 2 heavy melting steel	16	234	64	165	W	80	1,130	296	873	W
No. 1 and electric furnace bundles	21	192	W	49	W	105	928	W	252	W
No. 2 and all other bundles	12	32	W	18	W	63	180	W	87	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	7	W	W	W	--	30	W
Turnings and borings	31	62	23	56	4	158	292	114	335	20
Slag scrap	16	60	W	29	W	81	297	W	178	W
Shredded and fragmentized	96	240	230	448	63	503	1,240	1,150	2,450	316
No. 1 busheling	60	150	24	157	W	305	734	128	804	W
Steel cans (post consumer)	4	W	--	--	W	23	W	--	--	W
All other carbon steel scrap	64	197	32	61	W	340	990	162	314	W
Stainless steel scrap	52	W	--	W	--	287	W	--	W	--
Alloy steel scrap	15	37	--	W	--	74	184	--	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	8	--	W	--
Machinery and cupola cast iron	W	1	W	--	--	W	3	W	--	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Motor blocks	--	--	--	--	--	--	--	--	--	--
Other iron scrap	13	40	W	8	W	62	191	W	34	W
Other mixed scrap	W	16	W	8	W	W	86	W	42	W
Total	585	1,600	616	1,340	385	3,030	7,980	3,090	7,110	1,900

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 prior months' 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	April 2011		Year to date ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	(4)	18	2	479
Canada	149	52,500	549	192,000
Guatemala	--	--	32	13,900
Mexico	31	12,800	225	97,900
Panama	1	170	1	170
Peru	--	--	31	13,700
Venezuela	--	--	1	414
Other ⁵	(4)	378	2	1,440
Total	181	65,900	843	320,000
Africa, Europe, Middle East:				
Egypt	(4)	29	129	53,300
Finland	--	--	12	31,600
France	4	520	11	1,670
Germany	(4)	116	1	406
Greece	--	--	18	6,860
Hungary	2	557	3	810
Iceland	1	155	1	176
Italy	30	13,900	51	22,200
Netherlands	2	1,330	4	3,810
Spain	1	782	14	4,810
Sweden	(4)	1,100	2	3,940
Turkey	361	152,000	1,280	562,000
United Arab Emirates	(4)	52	1	457
United Kingdom	(4)	140	2	1,830
Other ⁵	(4)	939	3	2,880
Total	401	172,000	1,540	697,000
Asia, Australia, Oceania:				
Bangladesh	5	2,190	17	8,060
China	429	223,000	1,390	739,000
Hong Kong	13	6,630	45	23,200
India	81	33,300	188	77,200
Indonesia	57	26,000	86	36,300
Japan	11	10,600	68	57,400
Korea, Republic of	445	198,000	1,140	511,000
Malaysia	176	79,300	398	180,000
Pakistan	15	9,200	58	27,300
Singapore	--	--	2	414
Taiwan	311	147,000	1,020	475,000
Thailand	119	52,200	365	162,000
Vietnam	12	4,820	113	47,000
Other ⁵	(4)	689	20	10,800
Total	1,680	793,000	4,910	2,350,000
Grand total	2,260	1,030,000	7,280	3,370,000

-- 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 prior months' 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	April 2011		Year to date ³	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	41	16,600	105	45,300
Detroit, MI	32	9,090	106	31,800
Duluth, MN	7	2,560	46	14,200
Great Falls, MT	1	198	3	732
Ogdensburg, NY	4	1,530	11	4,380
Pembina, ND	50	21,100	224	87,400
Other ⁴	7	1,070	29	4,080
Total	142	52,200	524	188,000
East Coast:				
Baltimore, MD	21	9,860	112	48,800
Boston, MA	110	48,200	326	142,000
Charleston, SC	14	7,290	41	29,000
Charlotte, NC	2	1,450	5	5,560
Miami, FL	41	15,400	172	61,700
New York, NY	125	64,800	761	382,000
Norfolk, VA	56	25,700	130	62,600
Philadelphia, PA	184	77,100	358	157,000
Portland, ME	33	14,200	61	28,400
Providence, RI	43	18,300	155	66,700
Savannah, GA	56	26,200	173	91,500
St. Albans, VT	8	3,240	26	10,200
Washington, DC	--	--	(5)	14
Total	693	312,000	2,320	1,090,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	(5)	170	8	3,430
Houston-Galveston, TX	106	47,000	314	140,000
Laredo, TX	30	12,400	101	40,600
Mobile, AL	1	539	45	25,400
New Orleans, LA	216	95,900	394	184,000
San Juan, PR	36	12,200	115	38,600
Tampa, FL	32	13,800	187	86,800
Other ⁴	(5)	12	1	78
Total	421	182,000	1,170	519,000
West Coast and Hawaii:				
Columbia-Snake, OR	157	71,800	415	184,000
Honolulu, HI and Anchorage, AK	11	4,210	57	25,300
Los Angeles, CA	537	274,000	1,700	878,000
San Diego, CA	(5)	166	3	879
San Francisco, CA	184	83,700	748	324,000
Seattle, WA	112	51,100	356	166,000
Total	1,000	485,000	3,280	1,580,000
Grand total	2,260	1,030,000	7,280	3,370,000

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 prior months' data.

⁴Includes Code 70, which is for low-valued exports from the United States to Canada.

⁵Less than ½ unit.

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	April 2011		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	761	329,000	2,260	980,000
No. 2 heavy melting steel	115	48,800	286	121,000
No. 1 bundles	55	21,500	160	48,700
No. 2 bundles	4	833	7	1,810
Shredded steel scrap	602	264,000	2,380	1,060,000
Borings, shovelings and turnings	14	3,950	45	8,880
Cut plate and structural	130	57,300	361	159,000
Tinned iron or steel	10	5,560	31	21,500
Remelting scrap ingots	3	3,860	9	10,300
Cast iron	49	21,000	173	67,100
Other iron and steel	361	158,000	1,020	429,000
Total carbon steel and cast iron	2,100	914,000	6,730	2,900,000
Stainless steel	45	59,900	186	266,000
Other alloy steel	108	56,400	366	202,000
Total stainless and alloy steel	153	116,000	552	469,000
Total carbon, stainless, alloy steel and cast iron	2,260	1,030,000	7,280	3,370,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	98	1	413
Used rails for rerolling and other uses	2	1,940	20	19,100
Total scrap exports	2,260	1,030,000	7,310	3,390,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	331	38	19,400
Pig iron > 0.5% phosphorus	(3)	34	(3)	39
Alloy pig iron	(3)	99	49	5,070
Total pig iron	1	464	87	24,500
Direct-reduced iron (DRI)	--	--	1	147
Spongy iron products, not DRI	(3)	360	4	2,210
Granules for abrasive cleaning and other uses	3	5,020	13	18,300
Powders of alloy steel	(3)	2,480	2	9,240
Other ferrous powders	13	13,900	44	47,900
Total DRI, granules, powders	18	21,800	64	77,800
Grand total	2,280	1,050,000	7,460	3,490,000

-- 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	April 2011		Year to date ³	
	Quantity	Value	Quantity	Value
Bahamas, The	1	240	3	809
Brazil	2	223	3	405
Canada	259	108,000	1,010	432,000
Germany	(4)	85	24	10,000
Japan	--	--	2	806
Jordan	1	175	1	175
Mexico	44	19,700	209	103,000
Netherlands	17	7,780	30	13,200
Peru	1	244	4	527
Singapore	(4)	764	2	3,160
Sweden	15	7,400	42	20,600
Taiwan	(4)	1,480	1	2,870
United Kingdom	(4)	69	67	31,800
Other ⁵	1	1,410	6	4,690
Total	343	148,000	1,400	624,000

-- 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 prior months' 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	April 2011		Year to date ³	
	Quantity	Value	Quantity	Value
Buffalo, NY	61	35,800	218	140,000
Charleston, SC	32	15,200	104	46,500
Columbia-Snake, OR	--	--	9	2,760
Cleveland, OH	(4)	1,190	1	3,170
Detroit, MI	88	35,900	374	153,000
Duluth, MN	5	1,690	16	7,810
El Paso, TX	5	1,660	20	8,830
Great Falls, MT	12	4,990	61	23,900
Laredo, TX	16	10,800	85	62,900
Los Angeles, CA	(4)	367	(4)	1,370
New Orleans, LA	--	--	60	28,100
New York, NY	(4)	369	4	2,560
Nogales, AZ	3	1,180	8	3,100
Ogdensburg, NY	3	3,010	11	18,800
Pembina, ND	3	1,230	8	7,000
Portland, ME	1	346	5	2,380
San Diego, CA	20	5,720	94	26,900
Savannah, GA	5	541	8	1,050
Seattle, WA	89	25,600	307	78,000
Other	(4)	1,940	9	6,290
Total	343	148,000	1,400	624,000

-- 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 prior months' 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	April 2011		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	17	6,220	63	22,800
No. 2 heavy melting steel	6	2,140	18	6,070
No. 1 bundles	99	45,400	427	192,000
No. 2 bundles	1	213	6	1,360
Shredded steel scrap	33	6,860	135	36,000
Borings, shovelings and turnings	7	1,380	34	7,050
Cut plate and structural	18	4,840	69	19,900
Tinned iron or steel	6	1,520	30	8,510
Remelting scrap ingots	(3)	3	(3)	258
Cast iron	17	6,220	58	20,400
Other iron and steel	42	10,400	191	51,500
Total carbon steel and cast iron	246	85,200	1,030	366,000
Stainless steel	15	29,300	74	155,000
Other alloy steel	82	33,100	297	104,000
Total stainless and alloy steel	97	62,300	371	259,000
Total carbon, stainless, alloy steel and cast iron	343	148,000	1,400	624,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	17
Total scrap imports	343	148,000	1,400	624,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	547	277,000	1,590	756,000
Pig iron > or = 0.5% phosphorus	--	--	--	--
Alloy pig iron	(3)	92	(3)	165
Total pig iron	547	277,000	1,590	756,000
Direct-reduced iron (DRI)	162	69,500	513	207,000
Spongy iron products, not DRI	(3)	271	(3)	1,410
Granules for abrasive cleaning and other uses	2	2,070	17	11,600
Powders of alloy steel	5	9,020	20	38,100
Other ferrous powders	3	5,420	43	37,700
Total DRI, granules, powders	172	86,300	593	295,000
Grand total	1,060	511,000	3,590	1,680,000

-- 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	Monthly	Year	Monthly	Year
		to date ²		to date ²		to date ²
2010:						
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
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

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

²May include revisions to prior months' 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	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
	2010:					
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	347.56	342.07	346.09	340.62	474.09	466.60
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

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

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