

Mineral Industry Surveys

For information, contact:

Michael D. Fenton, Iron and Steel Scrap Commodity Specialist
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-4972, Fax: (703) 648-7757
E-mail: mfenton@usgs.gov

Hoa P. Phamdang (Data)
Telephone: (703) 648-7965
Fax: (703) 648-7975
E-mail: hphamdan@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

IRON AND STEEL SCRAP IN APRIL 2010

On a daily average basis in April 2010, estimated consumption of iron and steel scrap was up 4%, net receipts of purchased scrap were up 4%, and home scrap production was unchanged from those of March 2010, according to the U.S. Geological Survey. Stocks of purchased and home scrap at the end of April were up 6% from those at the end of March 2010. These observations are based upon responses from about 26% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 36% of the total scrap consumption in those sectors, and estimates for non-respondents to this survey.

On a daily average basis, pig iron production and consumption in April were down 48% and up 3%, respectively, from those in March 2010. Stocks of pig iron at the end of April were up 13% from those at the end of March 2010.

Exports of iron and steel scrap for the month of March 2010 decreased 21% from those of February 2010. China and the Republic of Korea were the leading countries of destination, each accounting for 21% of the total tonnage of exports, followed by Turkey, with 13% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports,

accounting for 25% of the total, followed by New York, NY, with 11%, and Columbia-Snake, OR, with 9% (table 7).

Imports of iron and steel scrap for March 2010 increased 38% from those of February. Canada was the leading country of origin, accounting for 61% of the total tonnage of imports, followed by the United Kingdom, with 21%, and Mexico, with 10% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 23% of the total, followed by Seattle, WA, with 20%, and New Orleans, LA, with 15% (table 10).

The daily average domestic raw steel production for April, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 232,000 metric tons (t), up slightly from that in March 2010, and up 83% from 127,000 t in April 2009 (table 12). The electric furnace portion of raw steel production for April was 60%, the same as that in March 2010, and down from 63% in April 2009.

Raw steel production capability utilization (AISI data) in April was 74%, up from 73% in March 2010, and up from 41% in April 2009 (table 12). Continuous cast steel production in April accounted for 97% of total raw steel production, the same as that in March 2010 and April 2009.

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

(Thousand metric tons)

	April 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	1,510	2,120	3,630	5,820	8,370	14,200
Receipts from other own company plants	45	216	261	144	962	1,110
Production recirculating scrap	325	288	613	1,350	1,120	2,470
Production obsolete scrap	W	W	11	W	W	46
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	865	W	W	3,150
Electric furnace	885	2,420	3,300	3,720	9,650	13,400
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,720	2,600	4,320	6,870	10,300	17,100
Shipments	102	25	127	398	92	490
Stocks end of month	1,210	1,640	2,850	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	1,830	85	1,910	4,370	360	4,730
Production	W	W	1,160	W	W	6,780
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,790	W	W	10,200
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,890	84	2,970	11,100	387	11,500
Shipments	W	W	6	W	W	36
Stocks at end of month	W	W	441	XX	XX	XX
Direct-reduced iron:⁸						
Receipts	W	W	83	W	W	389
Production	W	--	W	W	--	W
Total consumption	W	W	109	W	W	448
Shipments	W	W	W	W	W	W
Stocks end of month	82	12	94	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. April 2010 data are based on returns from 26% of consumer surveys, representing 36% 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	April 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	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	60	W	63	W	234	W	241
Cut structural and plate	302	52	345	219	1,140	194	1,330
No. 1 heavy melting steel	362	83	468	304	1,530	352	1,920
No. 2 heavy melting steel	454	20	464	292	1,790	80	1,900
No. 1 and electric furnace bundles	225	W	283	248	907	W	1,200
No. 2 and all other bundles	83	W	84	33	319	W	327
Electric furnace 1 foot and under (not bundles)	W	W	W	--	W	W	W
Railroad rails	12	W	21	3	56	W	79
Turnings and borings	151	4	169	81	586	16	663
Slag scrap	70	86	126	150	281	331	453
Shredded and fragmentized	897	W	999	588	3,450	W	3,890
No. 1 busheling	368	8	378	226	1,450	72	1,540
Steel cans (post consumer)	10	--	9	5	35	--	35
All other carbon steel scrap	308	132	460	235	1,250	539	1,800
Stainless steel scrap	74	31	110	48	301	124	450
Alloy steel scrap	7	41	51	43	27	149	189
Ingot mold and stool scrap	W	W	5	12	W	W	20
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	18	W	16	17	72	W	63
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	81	18	102	123	320	62	400
Other mixed scrap	147	16	159	97	436	61	610
Total	3,630	613	4,320	2,850	14,200	2,470	17,100

^pPreliminary. 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	April 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	422	154	664	1,690	614	2,540
North Central:						
Illinois and Indiana	447	145	569	1,770	581	2,280
Iowa, Minnesota, Nebraska, Wisconsin	200	5	216	796	23	858
Michigan	135	63	148	551	242	601
Ohio	476	78	536	1,790	294	2,090
Total	1,260	291	1,470	4,910	1,140	5,830
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	212	53	280	834	224	1,130
Georgia, North Carolina, South Carolina	257	9	285	1,010	44	1,140
Total	469	62	565	1,850	268	2,270
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	646	25	645	2,410	147	2,580
Arkansas, Louisiana, Oklahoma, Texas	528	47	638	2,250	170	2,590
Total	1,170	72	1,280	4,650	317	5,170
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	310	34	336	1,100	128	1,340
Grand total	3,630	613	4,320	14,200	2,470	17,100

^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.

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	April 2010					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	W	73	W	W	W	W
Cut structural and plate	44	109	69	74	W	177	377	279	278	W
No. 1 heavy melting steel	68	106	27	145	W	276	438	115	645	W
No. 2 heavy melting steel	W	213	46	163	W	W	810	188	664	W
No. 1 and electric furnace bundles	11	127	25	57	W	48	526	103	212	W
No. 2 and all other bundles	14	44	7	16	W	53	165	30	64	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	--	--	W	--
Railroad rails	W	W	W	3	W	W	W	W	18	W
Turnings and borings	15	42	21	68	5	57	168	64	277	19
Slag scrap	11	20	W	21	W	44	78	W	92	W
Shredded and fragmentized	79	224	164	377	54	309	839	626	1,460	216
No. 1 busheling	63	118	30	153	W	248	488	129	568	W
Steel cans (post consumer)	5	3	--	W	W	17	10	--	W	W
All other carbon steel scrap	31	153	W	42	W	121	636	W	164	W
Stainless steel scrap	39	9	--	W	--	164	34	--	W	--
Alloy steel scrap	3	2	--	W	--	9	7	--	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	3	W	W	W	W	10	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	7	30	W	W	W	24	107	W	W	W
Other mixed scrap	W	6	W	7	W	W	16	W	34	W
Total	422	1,260	469	1,170	310	1,690	4,910	1,850	4,650	1,100

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.

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	April 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	19	W	W	W	W	74	W	W	W	W
Cut structural and plate	55	115	98	70	W	216	419	390	282	W
No. 1 heavy melting steel	115	123	27	177	W	432	525	139	718	W
No. 2 heavy melting steel	W	197	46	182	W	W	827	195	726	W
No. 1 and electric furnace bundles	26	183	26	44	W	97	758	115	210	W
No. 2 and all other bundles	14	42	7	18	W	54	166	30	70	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	--	--	W	--
Railroad rails	W	W	W	8	W	W	W	W	26	W
Turnings and borings	33	42	21	70	5	123	171	67	283	20
Slag scrap	17	54	W	38	W	66	166	W	156	W
Shredded and fragmentized	113	232	195	405	54	420	903	758	1,590	216
No. 1 busheling	71	127	32	142	W	278	520	136	587	W
Steel cans (post consumer)	4	3	--	W	W	17	10	--	W	W
All other carbon steel scrap	83	197	W	58	W	299	766	W	241	W
Stainless steel scrap	58	15	--	W	--	242	63	--	W	--
Alloy steel scrap	14	30	--	W	--	57	109	--	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	3	W	W	W	W	10	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	13	42	W	W	W	49	157	W	W	W
Other mixed scrap	W	12	W	7	W	W	44	W	33	W
Total	664	1,470	565	1,280	336	2,540	5,830	2,270	5,170	1,340

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	March 2010		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	--	--	1	254
Canada	130	42,000	330	104,000
Chile	(3)	9	1	136 [†]
Mexico	22	6,950	175	52,900
Peru	32	9,850	32	9,860
Venezuela	2	1,180	2	1,660
Other ⁴	(3)	506	1	1,190
Total	186	60,500	542	170,000
Africa, Europe, Middle East:				
Egypt	--	--	69	21,000
Finland	--	--	13	23,100
Germany	2	527	5	1,290
Greece	--	--	27	7,650
Italy	(3)	8	26	7,820
Libya	--	--	3	453
Pakistan	8	4,620	18	8,030
Spain	(3)	30	1	327
Sweden	(3)	688	1	1,760
Turkey	188	63,600	458	147,000
United Kingdom	(3)	466	2	2,230
Other ⁴	2	1,840	3	4,400
Total	200	71,800	626	225,000
Asia, Australia, Oceania:				
Bangladesh	3	1,090	8	2,970
China	299	181,000	913	509,000
Hong Kong	7	8,220	21	30,100
India	63	21,200	299	92,900
Indonesia	10	3,540	19	7,250
Japan	18	20,600	32	40,400
Korea, Republic of	302	98,100	853	272,000
Malaysia	83	29,500	170	58,200
Singapore	(3)	147	1	336
Taiwan	180	70,500	500	193,000
Thailand	66	22,500	190	63,900
Vietnam	8	2,260	77	23,600
Other ⁴	2	448	3	1,440
Total	1,040	459,000	3,090	1,300,000
Grand total	1,430	591,000	4,250	1,690,000

[†]Revised. -- 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.

³Less than ½ unit.

⁴Includes 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	March 2010		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	33	13,100	79	31,800
Chicago, IL	(3)	76	(3)	134
Cleveland, OH	(3)	107	4	629
Detroit, MI	29	8,770	63	21,300
Duluth, MN	7	2,550	29	8,770
Great Falls, MT	1	221	3	570
Ogdensburg, NY	3	951	7	2,420
Pembina, ND	46	15,800	111	36,900
Other ⁴	7	762	24	2,430
Total	126	42,300	320	105,000
East Coast:				
Baltimore, MD	8	2,520	25	7,590
Boston, MA	2	561	176	53,400
Charleston, SC	10	7,390	32	20,500
Charlotte, NC	4	3,450	8	8,070
Miami, FL	39	15,500	90	35,300
New York, NY	163	78,200	488	221,000
Norfolk, VA	10	9,200	31	25,200
Philadelphia, PA	109	39,000	195	65,800
Portland, ME	(3)	101	44	14,200
Providence, RI	--	--	124	37,400
Savannah, GA	23	14,400	85	48,400
St. Albans, VT	3	1,050	10	3,110
Total	372	171,000	1,310	540,000
Gulf Coast and Mexican-U.S.				
Border (includes Caribbean territories):				
El Paso, TX	(3)	117	5	1,470
Houston-Galveston, TX	92	31,900	206	73,400
Laredo, TX	19	6,140	67	20,900
Mobile, AL	7	2,670	16	6,300
New Orleans, LA	43	13,900	128	47,100
San Juan, PR	22	5,340	67	16,500
Tampa, FL	60	19,100	104	33,500
U.S. Virgin Islands	--	--	2	325
Other	(3)	57	(3)	117
Total	245	79,200	595	200,000
West Coast and Hawaii:				
Columbia-Snake, OR	132	44,700	299	97,400
Honolulu, HI and Anchorage, AK	8	2,330	42	13,000
Los Angeles, CA	355	179,000	895	459,000
San Diego, CA	2	582	6	1,610
San Francisco, CA	91	35,200	492	171,000
Seattle, WA	96	36,100	297	104,000
Total	684	298,000	2,030	846,000
Grand total	1,430	591,000	4,260	1,690,000

-- 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.

³Less than ½ unit.

⁴Includes 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	March 2010		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	419	136,000	1,100	344,000
No. 2 heavy melting steel	63	20,400	167	52,300
No. 1 bundles	26	6,980	84	22,100
No. 2 bundles	(3)	33	(3)	169
Shredded steel scrap	445	148,000	1,490	471,000
Borings, shovelings and turnings	3	620	13	2,320
Cut plate and structural	59	20,600	185	62,200
Tinned iron or steel	6	4,180	24	13,800
Remelting scrap ingots	2	2,520	6	7,700
Cast iron	44	17,100	120	45,200
Other iron and steel	211	77,800	627	217,000
Total carbon steel and cast iron	1,280	435,000	3,820	1,240,000
Stainless steel	66	64,500	205	196,000
Other alloy steel	82	91,600	230	256,000
Total stainless and alloy steel	148	156,000	435	453,000
Total carbon, stainless, alloy steel and cast iron	1,430	591,000	4,250	1,690,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	58	1	165
Used rails for rerolling and other uses	3	3,280	9	9,280
Total scrap exports	1,430	594,000	4,260	1,700,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	3	1,160	4	1,700
Pig iron > 0.5% phosphorus	--	--	(3)	6
Alloy pig iron	--	--	(3)	44
Total pig iron	3	1,160	4	1,750
Direct-reduced iron (DRI)	(3)	8	(3)	67
Spongy iron products, not DRI	(3)	50	1	624
Granules for abrasive cleaning and other uses	2	2,480	6	7,030
Powders of alloy steel	(3)	3,030	1	5,730
Other ferrous powders	13	12,900	30	32,100
Total DRI, granules, powders	15	18,500	38	45,600
Grand total	1,450	614,000	4,300	1,750,000

-- 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	March 2010		Year to date	
	Quantity	Value	Quantity	Value
Argentina	--	--	2	269
Canada	263	102,000	662	238,000
Mexico	44	20,800	89	42,200
Netherlands	37	12,900	70	23,700
Sweden	--	--	44	11,800
United Kingdom	89	34,200	152	56,000
Other ³	1	2,410	3	4,990
Total	434	172,000	1,020	377,000

-- 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.

³Includes 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	March 2010		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	49	31,000	121	72,400
Charleston, SC	59	22,400	122	44,100
Cleveland, OH	(3)	127	(3)	1,052
Columbia-Snake, OR	--	--	10	2,940
Detroit, MI	100	37,800	254	88,900
Duluth, MN	2	1,580	6	3,370
El Paso, TX	5	2,180	12	5,090
Great Falls, MT	17	5,370	38	11,500
Laredo, TX	17	12,600	37	26,300
Miami, FL	(3)	111	3	599
New Orleans, LA	67	24,600	144	47,200
Ogdensburg, NY	5	6,660	10	12,400
Pembina, ND	4	2,070	11	5,190
San Diego, CA	19	5,030	36	9,380
Seattle, WA	85	16,800	207	40,800
Other	5	3,620	11	6,150
Total	434	172,000	1,020	377,000

-- 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.

³Less 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	March 2010		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	14	4,290	41	11,600
No. 2 heavy melting steel	6	1,700	17	4,060
No. 1 bundles	201	78,100	408	148,000
No. 2 bundles	6	907	12	1,940
Shredded steel scrap	44	9,070	124	27,700
Borings, shovelings and turnings	8	1,900	18	4,540
Cut plate and structural	15	4,010	41	10,400
Tinned iron or steel	6	1,130	14	2,770
Remelting scrap ingots	--	--	--	--
Cast iron	10	3,220	41	12,000
Other iron and steel	35	8,070	98	23,000
Total carbon steel and cast iron	345	112,000	814	246,000
Stainless steel	25	38,700	53	81,800
Other alloy steel	64	20,700	155	50,000
Total stainless and alloy steel	89	59,400	208	132,000
Total carbon, stainless, alloy steel and cast iron	434	172,000	1,020	377,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	45	(3)	171
Total scrap imports	434	172,000	1,020	378,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	381	132,000	857	284,000
Pig iron > or = 0.5% phosphorus	--	--	--	--
Alloy pig iron	(3)	18	(3)	38
Total pig iron	381	132,000	857	284,000
Direct-reduced iron (DRI)	174	56,200	366	106,000
Spongy iron products, not DRI	(3)	512	(3)	804
Granules for abrasive cleaning and other uses	10	3,850	12	5,250
Powders of alloy steel	6	9,580	14	21,900
Other ferrous powders	4	5,930	11	16,100
Total DRI, granules, powders	194	76,000	403	150,000
Grand total	1,010	380,000	2,280	812,000

-- 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	Monthly	Year to date
2009:						
April	3,800	15,600	40.8	42.4	96.7	96.4
May	4,120	19,700	42.8	42.5	98.0	96.7
June	4,360	24,100	46.9	43.2	97.7	96.9
July	5,040	29,100	52.4	44.6	97.9	97.1
August	5,550	34,700	57.7	46.2	98.0	97.2
September	5,780	40,500	62.1	48.0	97.9	97.3
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

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		Iron Age		Iron Age	
	No. 1 HMS		No. 1 HMS		Pig Iron ¹	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2009:						
March	162.50	159.93	162.03	159.47	284.48	279.99
April	146.74	144.42	143.59	141.32	355.60	349.98
May	178.67	175.85	178.00	175.19	355.60	349.98
June	184.70	181.78	185.77	182.84	355.60	349.98
July	221.36	217.86	220.59	217.11	361.18	355.48
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	411.48	404.98	463.80	456.47
April	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.