

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN JANUARY 2010

On a daily average basis in January 2010, estimated consumption of iron and steel scrap was up 13%, net receipts of purchased scrap were up 11%, and home scrap production was up 19% compared with that of December 2009, according to the U.S. Geological Survey. Stocks of purchased and home scrap at the end of January were up 5% from those at the end of December 2009. These observations are based upon responses from about 28% 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 nonrespondents to this survey.

On a daily average basis, pig iron production and consumption in January were up 19% and 22%, respectively, from those in December 2009. Stocks of pig iron at the end of January were down 12% from those at the end of December 2009.

Exports of iron and steel scrap for the month of December 2009 increased by 9% from those of November. Turkey was the leading country of destination, accounting for 23% of the total tonnage of exports, followed by China, with 20%, and the Republic of Korea, with 14% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports,

accounting for 20% of the total, followed by New York, NY, with 19%, and San Francisco, CA, with 9% (table 7).

Imports of iron and steel scrap for December 2009 increased by 3% from those of November. 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 33% of the total, followed by Seattle, WA, with 30%, and Buffalo, NY, with 15% (table 10).

The daily average domestic raw steel production for January, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 201,000 metric tons (t), up 6% from that in December 2009, and up 60% from 126,000 t in January 2009 (table 12). The electric furnace portion of raw steel production for January was 62%, the same as that in December 2009, and down from 65% in January 2009.

Raw steel production capability utilization (AISI data) in January 2010 was 64%, up from 61% in December 2009, and up from 42% in January 2009 (table 12). Continuous cast steel production in January 2010 accounted for 98% of total raw steel production, the same as that in December 2009, and up from 96% in January 2009.

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

(Thousand metric tons)

	January 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	1,340	2,040	3,380	1,340	2,040	3,380
Receipts from other own company plants	37	253	290	37	253	290
Production recirculating scrap	335	267	602	335	267	602
Production obsolete scrap	W	W	11	W	W	11
Consumption (by type of furnace):						
Blast furnace	W	W	210	W	W	210
Basic oxygen process	W	W	713	W	W	713
Electric furnace	834	2,410	3,240	834	2,410	3,240
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,610	2,580	4,180	1,610	2,580	4,180
Shipments	93	23	116	93	23	116
Stocks end of month	1,110	1,540	2,650	1,110	1,540	2,650
Pig iron (includes hot metal):						
Receipts	513	98	611	513	98	611
Production	W	W	2,160	W	W	2,160
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,570	W	W	2,570
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,680	103	2,790	2,680	103	2,790
Shipments	W	W	17	W	W	17
Stocks at end of month	W	W	434	W	W	434
Direct-reduced iron:⁸						
Receipts	W	W	61	W	W	61
Production	W	--	W	W	--	W
Total consumption	W	W	112	W	W	112
Shipments	W	W	W	W	W	W
Stocks end of month	77	33	110	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. January 2010 data are based on returns from 28% of monthly respondents, 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	January 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	59	W	59	W	59	W	59
Cut structural and plate	269	44	331	169	269	44	331
No. 1 heavy melting steel	368	85	451	311	368	85	451
No. 2 heavy melting steel	423	20	482	303	423	20	482
No. 1 and electric furnace bundles	213	W	302	226	213	W	302
No. 2 and all other bundles	68	W	70	31	68	W	70
Electric furnace 1 foot and under (not bundles)	W	W	W	--	W	W	W
Railroad rails	15	W	19	6	15	W	19
Turnings and borings	144	4	167	81	144	4	167
Slag scrap	71	77	109	155	71	77	109
Shredded and fragmentized	769	W	884	470	769	W	884
No. 1 busheling	334	20	370	185	334	20	370
Steel cans (post consumer)	8	--	9	4	8	--	9
All other carbon steel scrap	348	127	464	268	348	127	464
Stainless steel scrap	82	31	119	48	82	31	119
Alloy steel scrap	5	37	50	37	5	37	50
Ingot mold and stool scrap	W	W	5	12	W	W	5
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	19	W	23	6	19	W	23
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	78	23	108	130	78	23	108
Other mixed scrap	95	18	145	81	95	18	145
Total	3,380	602	4,180	2,650	3,380	602	4,180

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.

⁴Prior months' data may have been revised.

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	January 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	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	425	148	624	425	148	624
North Central:						
Illinois and Indiana	445	148	573	445	148	573
Iowa, Minnesota, Nebraska, Wisconsin	136	3	149	136	3	149
Michigan	141	62	157	141	62	157
Ohio	452	84	536	452	84	536
Total	1,170	297	1,420	1,170	297	1,420
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	211	57	280	211	57	280
Georgia, North Carolina, South Carolina	186	9	225	186	9	225
Total	397	66	505	397	66	505
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	543	39	620	543	39	620
Arkansas, Louisiana, Oklahoma, Texas	549	36	664	549	36	664
Total	1,090	75	1,280	1,090	75	1,280
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	288	16	354	288	16	354
Grand total	3,380	602	4,180	3,380	602	4,180

³Preliminary.

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	January 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	18	W	W	W	W	18	W	W	W	W
Cut structural and plate	44	86	69	64	W	44	86	69	64	W
No. 1 heavy melting steel	71	103	25	153	W	71	103	25	153	W
No. 2 heavy melting steel	W	183	38	171	W	W	183	38	171	W
No. 1 and electric furnace bundles	10	133	23	43	W	10	133	23	43	W
No. 2 and all other bundles	13	34	4	15	W	13	34	4	15	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	--	--	W	--
Railroad rails	W	W	W	7	W	W	W	W	7	W
Turnings and borings	14	32	15	78	5	14	32	15	78	5
Slag scrap	11	19	W	25	W	11	19	W	25	W
Shredded and fragmentized	78	187	125	325	54	78	187	125	325	54
No. 1 busheling	60	129	20	121	W	60	129	20	121	W
Steel cans (post consumer)	3	3	--	W	W	3	3	--	W	W
All other carbon steel scrap	32	170	W	40	W	32	170	W	40	W
Stainless steel scrap	46	10	--	W	--	46	10	--	W	--
Alloy steel scrap	2	2	--	W	--	2	2	--	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	3	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	6	25	W	W	W	6	25	W	W	W
Other mixed scrap	W	3	W	8	W	W	3	W	8	W
Total	425	1,170	397	1,090	288	425	1,170	397	1,090	288

^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	January 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	18	W	W	W	W	18	W	W	W	W
Cut structural and plate	53	99	95	77	W	53	99	95	77	W
No. 1 heavy melting steel	107	115	33	171	25	107	115	33	171	25
No. 2 heavy melting steel	16	209	37	197	W	16	209	37	197	W
No. 1 and electric furnace bundles	22	195	30	50	W	22	195	30	50	W
No. 2 and all other bundles	13	34	4	17	W	13	34	4	17	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	7	W	W	W	W	7	W
Turnings and borings	30	37	18	77	5	30	37	18	77	5
Slag scrap	16	37	W	40	W	16	37	W	40	W
Shredded and fragmentized	102	199	152	377	54	102	199	152	377	54
No. 1 busheling	66	134	29	137	W	66	134	29	137	W
Steel cans (post consumer)	5	3	W	W	W	5	3	W	W	W
All other carbon steel scrap	70	179	32	66	W	70	179	32	66	W
Stainless steel scrap	66	17	--	W	--	66	17	--	W	--
Alloy steel scrap	14	33	--	W	--	14	33	--	W	--
Ingot mold and stool scrap	W	W	--	W	--	W	W	--	W	--
Machinery and cupola cast iron	--	W	W	--	--	--	W	W	--	--
Cast iron borings	W	W	W	3	W	W	W	W	3	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	12	47	W	W	W	12	47	W	W	W
Other mixed scrap	W	11	19	8	W	W	11	19	8	W
Total	624	1,420	505	1,280	354	624	1,420	505	1,280	354

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	December 2009		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	63	17,000	64	19,000
Canada	94	22,200	971	235,000
Mexico	22	5,690	668	159,000
Peru	30	7,170	155	42,400
Trinidad and Tobago	--	--	12	4,640
Other ³	1	458	9	3,590
Total	210	52,600	1,880	463,000
Africa, Europe, Middle East:				
Belgium	2	868	6	5,690
Egypt	(4)	20	361	90,500
Finland	--	--	30	41,600
Germany	2	380	12	2,530
Greece	16	4,900	224	53,900
Italy	(4)	14	48	17,300
Netherlands	1	1,020	5	5,610
Pakistan	17	4,670	332	83,900
Portugal	--	--	25	4,460
Spain	(4)	269	41	29,100
Sweden	11	2,470	13	6,160
Switzerland	--	--	55	15,700
Turkey	437	105,000	3,680	894,000
United Kingdom	(4)	431	4	6,260
Other ³	(4)	652	10	6,600
Total	488	121,000	4,850	1,260,000
Asia, Australia, Oceania:				
Bangladesh	2	430	91	25,100
China	377	179,000	6,210	2,500,000
Hong Kong	8	5,680	99	65,800
India	89	25,900	1,580	419,000
Indonesia	74	20,500	369	101,000
Japan	8	14,900	69	104,000
Korea, Republic of	273	82,900	3,110	939,000
Malaysia	71	20,200	688	189,000
Singapore	2	469	38	9,970
Taiwan	198	68,800	2,230	722,000
Thailand	10	2,790	458	120,000
Vietnam	95	24,500	750	193,000
Other ³	(4)	751	6	4,570
Total	1,210	447,000	15,700	5,400,000
Grand total	1,910	621,000	22,400	7,120,000

-- 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.

³Includes countries with year to date quantities of less than 500 metric tons.

⁴Less than ½ unit.

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	December 2009		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	12	2,320	168	45,200
Chicago, IL	(3)	73	22	6,230
Cleveland, OH	1	198	2	702
Detroit, MI	21	5,930	210	71,800
Duluth, MN	18	4,500	54	14,500
Great Falls, MT	1	173	9	1,990
Milwaukee, WI	--	--	5	1,290
Ogdensburg, NY	2	442	101	19,900
Pembina, ND	30	9,320	295	83,100
Other ⁴	6	756	98	11,500
Total	91	23,700	964	256,000
East Coast:				
Baltimore, MD	53	13,500	493	158,000
Boston, MA	91	23,900	1,270	324,000
Charleston, SC	11	6,230	167	79,800
Charlotte, NC	5	2,050	51	26,200
Miami, FL	37	12,000	404	129,000
New York, NY	354	109,000	3,110	1,040,000
Norfolk, VA	37	14,200	438	176,000
Philadelphia, PA	77	19,900	1,400	356,000
Portland, ME	5	1,400	129	35,600
Providence, RI	26	7,060	374	90,900
Savannah, GA	31	17,400	508	237,000
St. Albans, VT	4	1,020	35	8,750
Washington, DC	--	--	(3)	23
Total	731	228,000	8,380	2,670,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	1	300	13	3,110
Houston-Galveston, TX	130	34,900	914	278,000
Laredo, TX	20	5,090	418	99,200
Mobile, AL	9	3,330	112	49,000
New Orleans, LA	40	9,770	2,230	549,000
San Juan, PR	14	3,030	293	69,500
Tampa, FL	82	22,000	584	168,000
Other	(3)	38	29	7,140
Total	296	78,400	4,590	1,220,000
West Coast and Hawaii:				
Columbia-Snake, OR	139	39,400	1,220	346,000
Honolulu, HI and Anchorage, AK	6	1,460	141	39,100
Los Angeles, CA	390	171,000	4,330	1,730,000
San Diego, CA	1	402	16	3,360
San Francisco, CA	166	51,600	1,760	542,000
Seattle, WA	85	26,900	1,020	317,000
Total	787	291,000	8,490	2,980,000
Grand total	1,910	621,000	22,400	7,120,000

-- 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	December 2009		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	501	130,000	5,840	1,520,000
No. 2 heavy melting steel	74	18,300	902	230,000
No. 1 bundles	37	9,230	311	79,300
No. 2 bundles	(3)	20	55	14,600
Shredded steel scrap	779	202,000	8,500	2,190,000
Borings, shovelings and turnings	3	624	105	19,800
Cut plate and structural	95	27,500	1,320	359,000
Tinned iron or steel	9	6,710	112	54,000
Remelting scrap ingots	3	4,340	27	35,000
Cast iron	40	15,000	667	223,000
Other iron and steel	210	69,200	2,170	718,000
Total carbon steel and cast iron	1,750	482,000	20,000	5,440,000
Stainless steel	77	63,200	1,130	777,000
Other alloy steel	77	74,900	1,280	900,000
Total stainless and alloy steel	154	138,000	2,410	1,680,000
Total carbon, stainless, alloy steel and cast iron	1,910	621,000	22,400	7,120,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	71	5	773
Used rails for rerolling and other uses	2	1,160	59	38,700
Total scrap exports	1,910	622,000	22,500	7,160,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	5	1,690	10	3,580
Pig iron > 0.5% phosphorus	--	--	(3)	40
Alloy pig iron	(3)	31	1	589
Total pig iron	5	1,720	11	4,210
Direct-reduced iron (DRI)	--	--	(3)	38
Spongy iron products, not DRI	(3)	160	19	3,110
Granules for abrasive cleaning and other uses	3	4,630	26	32,200
Powders of alloy steel	(3)	1,480	3	12,400
Other ferrous powders	9	9,070	86	88,600
Total DRI, granules, powders	12	15,300	134	136,000
Grand total	1,920	639,000	22,600	7,300,000

-- 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	December 2009		Year to date	
	Quantity	Value	Quantity	Value
Argentina	--	--	4	737
Bahamas, The	(3)	35	4	599
Brazil	(3)	7	3	2,670
Canada	182	46,500	2,400	611,000
Denmark	--	--	26	6,290
Germany	(3)	27	54	14,400
Korea, Republic of	(3)	2	2	627
Mexico	20	7,030	207	83,900
Netherlands	--	--	76	21,100
Netherlands Antilles	--	--	1	89
Sweden	(3)	16	100	27,300
Taiwan	--	--	1	2,690
United Kingdom	(3)	521	101	33,500
Other ⁴	1	743	12	8,470
Total	204	54,800	2,990	814,000

-- 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.

⁴Includes 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	December 2009		Year to date	
	Quantity	Value	Quantity	Value
Baltimore, MD	1	191	2	1,240
Buffalo, NY	31	10,800	596	185,000
Charleston, SC	(3)	27	178	44,300
Chicago, IL	4	237	15	1,290
Columbia-Snake, OR	--	--	36	6,570
Detroit, MI	68	18,500	644	157,000
Duluth, MN	4	1,100	53	13,700
El Paso, TX	3	848	36	10,200
Great Falls, MT	8	2,000	93	19,700
Houston-Galveston, TX	(3)	277	3	7,680
Laredo, TX	8	3,750	84	46,700
Los Angeles, CA	(3)	33	2	3,430
Miami, FL	(3)	77	5	1,210
Mobile, AL	(3)	16	66	21,200
New Orleans, LA	--	--	138	41,300
Nogales, AZ	1	447	11	3,730
Ogdensburg, NY	1	809	37	15,600
Pembina, ND	4	1,520	25	11,400
Portland, ME	(3)	5	7	2,570
San Diego, CA	7	1,780	78	21,900
Seattle, WA	62	12,200	877	195,000
Tampa, FL	(3)	23	3	552
Other	2	275	3	2,210
Total	204	54,800	2,990	814,000

-- 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	December 2009		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	10	2,320	184	37,900
No. 2 heavy melting steel	4	877	28	5,510
No. 1 bundles	39	11,100	715	186,000
No. 2 bundles	3	457	37	5,430
Shredded steel scrap	21	4,100	453	78,500
Borings, shovelings and turnings	6	1,340	52	10,100
Cut plate and structural	10	2,350	148	29,600
Tinned iron or steel	4	772	28	5,190
Remelting scrap ingots	(3)	65	(3)	327
Cast iron	17	4,350	183	34,400
Other iron and steel	34	5,340	479	90,300
Total carbon steel and cast iron	148	33,000	2,310	483,000
Stainless steel	6	8,140	125	138,000
Other alloy steel	50	13,700	559	193,000
Total stainless and alloy steel	56	21,800	684	330,000
Total carbon, stainless, alloy steel and cast iron	204	54,800	2,990	814,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	7	(3)	80
Total scrap imports	204	54,900	2,990	814,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	284	88,900	2,420	877,000
Pig iron > or = 0.5% phosphorus	--	--	(3)	2
Alloy pig iron	--	--	(3)	26
Total pig iron	284	88,900	2,420	877,000
Direct-reduced iron (DRI)	163	41,000	1,020	304,000
Spongy iron products, not DRI	(3)	161	1	2,550
Granules for abrasive cleaning and other uses	2	1,200	16	12,100
Powders of alloy steel	3	5,310	37	55,900
Other ferrous powders	3	4,560	43	48,600
Total DRI, granules, powders	171	52,200	1,110	423,000
Grand total	659	196,000	6,530	2,110,000

-- 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:						
January	3,910	3,910	42.6	42.6	95.9	95.9
February	3,950	7,870	45.5	43.9	96.2	96.0
March	3,950	11,800	42.9	42.9	96.7	96.3
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

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:						
January	200.17	197.00	201.74	198.55	647.19	636.97
February	188.46	185.48	186.50	183.55	355.60	349.98
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

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

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