

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN MAY 2012

On a daily average basis in May 2012, estimated consumption of iron and steel scrap was down by 4%, net receipts of purchased scrap were down slightly, and home scrap production was down by 4% from that of April 2012. Stocks of purchased and home scrap at the end of May 2012 were up slightly from those at the end of April 2012. These observations are based upon responses from about 26% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 35% 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 were down slightly in May 2012 from those in April 2012. Stocks of pig iron at the end of May 2012 were up slightly from those at the end of April 2012.

Exports of iron and steel scrap for the month of May 2012 increased by 8% from those of April 2012. Turkey was the leading country of destination, accounting for 30% of the total tonnage of exports, followed by the Republic of Korea with 16% and Taiwan 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 15% and San Francisco, CA, with 11% (table 7).

Imports of iron and steel scrap for May 2012 were down by 14% from those of April 2012. Canada was the leading country of origin, accounting for 89% of the total tonnage of imports, followed by Mexico with 7% and the United Kingdom with 2% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 30% of the total, followed by Seattle, WA, with 30% and Buffalo, NY, with 17% (table 10).

The daily average domestic raw steel production for May 2012, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 255,000 metric tons, down slightly from that in April 2012 and up by 11% from that in May 2011 (table 12). The electric furnace portion of raw steel production for May 2012 was 58%, down from 59% in April 2012 and from 60% in May 2011.

Raw steel production capability utilization (AISI data) in May 2012 was 79%, down from 81% in April 2012 and up from 73% in May 2011 (table 12). Continuous cast steel production in May 2012 accounted for 99% of total raw steel production, up from 98% in April 2012 and May 2011.

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

(Thousand metric tons)

	May 2012			January–May 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	1,750	2,130	3,880	8,990	10,600	19,600
Receipts from other own company plants	59	259	318	268	1,280	1,550
Production recirculating scrap	444	230	674	2,190	1,170	3,360
Production obsolete scrap	W	W	11	W	W	55
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	659	W	W	3,390
Electric furnace	1,320	2,370	3,690	6,770	11,900	18,700
Other (including air furnace) ⁶	W	W	W	W	W	W
Total consumption	2,180	2,510	4,690	11,000	12,800	23,800
Shipments	100	19	119	517	94	611
Stocks, end of period	1,940	1,840	3,780	1,940	1,840	3,780
Pig iron (includes hot metal):						
Receipts	565	72	637	2,860	472	3,330
Production	2,420	--	2,420	12,100	--	12,100
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,460	W	W	13,100
Direct castings ⁷	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,960	79	3,040	14,900	451	15,300
Shipments	W	W	6	W	W	31
Stocks, end of period	W	W	450	W	W	450
Direct-reduced iron:⁸						
Receipts	77	56	133	536	283	819
Total consumption	329	66	395	723	252	975
Stocks, end of period	156	60	216	156	60	216

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 2012 data are based on returns from 26% of consumer surveys, representing 35% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³May include revisions to previously published data.

⁴Includes data for electric furnaces operated by integrated steel producers.

⁵Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

TABLE 2
RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, CONSUMPTION, AND STOCKS OF IRON AND STEEL SCRAP, BY GRADE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Item	May 2012				January–May ^{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	95	W	58	176	316	W	290
Cut structural and plate	331	59	400	282	1,670	300	2,010
No. 1 heavy melting steel	402	76	484	334	2,020	379	2,470
No. 2 heavy melting steel	444	20	480	363	2,390	99	2,500
No. 1 and electric furnace bundles	188	W	282	246	980	W	1,370
No. 2 and all other bundles	74	W	78	26	403	W	422
Electric furnace 1 foot and under (not bundles)	W	W	W	W	6	W	45
Railroad rails	19	W	27	16	104	W	135
Turnings and borings	192	4	217	128	957	20	1,050
Slag scrap	79	96	136	155	397	472	655
Shredded and fragmentized	1,210	W	1,340	1,040	6,000	W	6,820
No. 1 busheling	362	15	377	369	1,840	83	1,920
Steel cans (post consumer)	9	--	9	3	48	--	48
All other carbon steel scrap	223	136	374	185	1,170	682	1,870
Stainless steel scrap	73	27	110	45	364	137	553
Alloy steel scrap	37	18	57	158	198	100	310
Ingot mold and stool scrap	W	W	10	18	3	W	56
Machinery and cupola cast iron	5	W	5	4	23	W	23
Cast iron borings	W	W	W	W	121	W	120
Other iron scrap	77	35	101	133	394	153	523
Other mixed scrap	35	45	122	86	191	229	604
Total	3,880	674	4,690	3,780	19,600	3,360	23,800

^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.

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

TABLE 3
 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP,
 BY REGION AND STATE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Region and State	May 2012			January–May ^{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	461	140	606	2,160	716	3,100
North Central:						
Illinois and Indiana	449	142	589	2,270	710	2,960
Iowa, Minnesota, Nebraska, Wisconsin	261	13	284	1,300	66	1,420
Michigan	154	107	211	744	516	1,050
Ohio	435	89	550	2,390	422	2,840
Total	1,300	351	1,630	6,700	1,720	8,270
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	224	53	305	1,140	262	1,500
Georgia, North Carolina, South Carolina	346	18	365	1,570	96	1,780
Total	570	71	669	2,700	357	3,280
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	682	42	749	3,600	218	3,900
Arkansas, Louisiana, Oklahoma, Texas	611	48	713	3,150	242	3,670
Total	1,290	90	1,460	6,760	460	7,570
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	256	23	323	1,280	112	1,580
Grand total	3,880	674	4,690	19,600	3,360	23,800

^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.

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4
 RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3,4}

(Thousand metric tons)

Item	May 2012					January–May 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	58	W	--	W	W	133	W	2	W	W
Cut structural and plate	42	104	65	100	W	213	510	318	521	W
No. 1 heavy melting steel	68	102	40	168	24	349	519	186	849	121
No. 2 heavy melting steel	10	147	46	201	W	50	894	244	1,010	W
No. 1 and electric furnace bundles	8	131	W	28	W	42	636	W	191	W
No. 2 and all other bundles	13	31	W	14	W	67	160	W	78	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	3	W	W	W	W	23	W
Turnings and borings	15	63	27	79	9	73	310	136	395	43
Slag scrap	11	30	W	W	--	55	158	W	W	W
Shredded and fragmentized	80	293	232	460	145	413	1,460	996	2,410	723
No. 1 busheling	60	137	34	130	W	290	683	170	693	W
Steel cans (post consumer)	6	W	--	--	--	30	W	--	--	W
All other carbon steel scrap	42	114	15	50	3	209	608	W	284	14
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	2	W	--	W	--	8	W	--	W	--
Ingot mold and stool scrap	W	W	--	--	--	W	W	--	--	--
Machinery and cupola cast iron	W	1	W	W	--	W	6	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Other iron scrap	5	31	W	7	W	25	158	W	40	W
Other mixed scrap	W	5	W	W	W	W	26	W	W	W
Total	461	1,300	570	1,290	256	2,160	6,700	2,700	6,760	1,280

⁰Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

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

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

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

⁵May include revisions to previously published data.

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

(Thousand metric tons)

Item	May 2012					January–May 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	96	W	5	W	W
Cut structural and plate	51	132	93	104	W	264	639	467	540	W
No. 1 heavy melting steel	105	129	40	184	26	546	637	201	961	128
No. 2 heavy melting steel	16	154	54	215	W	80	866	261	1,090	W
No. 1 and electric furnace bundles	20	202	W	35	W	102	974	W	180	W
No. 2 and all other bundles	13	32	W	17	W	66	162	W	89	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	7	W	W	W	--	37	W
Turnings and borings	30	65	30	82	9	154	324	137	395	43
Slag scrap	17	66	W	32	W	83	316	W	160	W
Shredded and fragmentized	103	307	251	516	161	544	1,570	1,200	2,700	807
No. 1 busheling	64	148	32	131	W	318	742	162	693	W
Steel cans (post consumer)	6	W	--	--	--	30	W	--	--	W
All other carbon steel scrap	69	184	46	72	3	352	899	218	381	15
Stainless steel scrap	55	19	--	W	--	274	97	--	W	--
Alloy steel scrap	13	33	--	W	--	69	189	--	W	--
Ingot mold and stool scrap	W	5	--	W	--	W	34	--	W	--
Machinery and cupola cast iron	W	W	W	W	--	W	6	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Other iron scrap	12	44	38	7	W	61	225	192	41	W
Other mixed scrap	W	38	W	7	W	W	203	W	35	W
Total	606	1,630	669	1,460	323	3,100	8,270	3,280	7,570	1,580

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

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

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

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

⁴May include revisions to previously published data.

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

(Thousand metric tons and thousand dollars)

Region and country	May 2012		January–May ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	112	37,600	560	193,000
Colombia	2	291	31	11,900
Guatemala	--	--	30	13,100
Mexico	66	27,800	243	103,000
Other ⁴	(5)	644	4	2,120
Total	180	66,300	868	324,000
Africa, Europe, Middle East:				
Belgium	3	2,160	5	3,450
Egypt	(5)	79	214	88,100
Finland	--	--	6	11,500
Germany	(5)	119	2	3,420
Greece	--	--	2	429
Iraq	--	--	1	230
Italy	28	13,400	31	16,800
Morocco	--	--	25	10,700
Netherlands	2	3,670	5	6,940
Portugal	--	--	6	1,070
Saudi Arabia	41	18,400	81	35,800
Spain	1	1,160	6	11,700
Turkey	605	257,000	2,760	1,170,000
United Arab Emirates	(5)	17	1	461
United Kingdom	1	1,140	1	2,150
Other ⁴	(5)	1,220	3	6,780
Total	681	299,000	3,150	1,370,000
Asia, Australia, Oceania:				
Bangladesh	7	3,410	22	10,400
China	152	117,000	1,000	647,000
Hong Kong	3	3,350	27	20,400
India	101	50,000	538	247,000
Indonesia	59	26,100	126	56,500
Japan	5	8,550	26	40,400
Korea, Republic of	318	144,000	1,440	642,000
Malaysia	162	70,000	332	144,000
Pakistan	16	10,400	80	48,300
Taiwan	281	134,000	1,410	656,000
Thailand	55	22,000	220	87,800
Vietnam	16	5,770	132	53,500
Other ⁴	(5)	388	1	1,840
Total	1,180	596,000	5,350	2,650,000
Grand total	2,040	961,000	9,360	4,350,000

-- Zero.

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free-alongside-ship basis.

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

³May include revisions to previously published data.

⁴Includes countries with January–May 2012 quantities of less than 500 metric tons.

⁵Less 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	May 2012		January–May ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	28	11,800	123	49,800
Chicago, IL	--	--	1	610
Detroit, MI	30	9,510	147	48,200
Duluth, MN	3	1,200	11	4,840
Great Falls, MT	1	364	4	1,140
Ogdensburg, NY	3	1,380	13	4,320
Pembina, ND	31	11,500	211	82,100
Other	8	1,480	29	4,990
Total	104	37,200	539	196,000
East coast:				
Baltimore, MD	5	2,560	116	52,100
Boston, MA	115	51,300	643	275,000
Charleston, SC	18	10,300	52	32,200
Charlotte, NC	2	2,500	6	8,500
Miami, FL	41	17,300	214	87,100
New York, NY	296	142,000	1,310	633,000
Norfolk, VA	69	33,900	251	123,000
Philadelphia, PA	70	34,100	375	170,000
Portland, ME	30	13,900	71	31,500
Providence, RI	80	34,200	322	136,000
Savannah, GA	30	17,800	168	99,800
St. Albans, VT	8	2,770	25	9,240
Washington, DC	--	--	(4)	23
Total	763	363,000	3,550	1,660,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	4	1,705	6	2,190
Houston–Galveston, TX	107	51,157	591	269,000
Laredo, TX	31	13,301	141	59,300
Mobile, AL	2	1,562	73	39,800
New Orleans, LA	45	18,688	280	117,000
San Juan, PR	43	16,420	161	58,000
Tampa, FL	47	22,208	137	64,300
U.S. Virgin Islands	2	268	12	2,040
Other	(4)	7	(4)	161
Total	281	125,000	1,400	612,000
West coast and Hawaii:				
Columbia–Snake, OR	95	41,300	540	234,000
Honolulu, HI, and Anchorage, AK	36	15,300	89	37,200
Los Angeles, CA	414	226,000	1,830	982,000
San Diego, CA	1	287	8	2,250
San Francisco, CA	215	96,900	896	404,000
Seattle, WA	128	56,500	515	228,000
Total	889	436,000	3,880	1,890,000
Grand total	2,040	961,000	9,360	4,350,000

-- Zero.

¹Includes tinsplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free-alongside-ship basis.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

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	May 2012		January–May	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	707	300,000	3,300	1,400,000
No. 2 heavy melting steel	93	37,300	482	199,000
No. 1 bundles	43	14,000	236	84,000
No. 2 bundles	(3)	88	2	594
Shredded steel scrap	635	273,000	2,850	1,220,000
Borings, shovelings and turnings	7	2,690	36	12,800
Cut plate and structural	96	40,600	397	170,000
Tinned iron or steel	14	8,550	67	33,100
Remelting scrap ingots	2	2,740	12	14,800
Cast iron	57	22,800	240	100,000
Other iron and steel	257	119,000	1,220	562,000
Total carbon steel and cast iron	1,910	820,000	8,840	3,800,000
Stainless steel	62	89,600	235	337,000
Other alloy steel	64	51,200	283	215,000
Total stainless and alloy steel	126	141,000	518	553,000
Total carbon, stainless, alloy steel and cast iron	2,040	961,000	9,360	4,350,000
Ships, boats, and other vessels for breaking up (for scrapping)	2	302	3	510
Used rails for rerolling and other uses	2	2,630	9	9,330
Total scrap exports	2,040	964,000	9,380	4,360,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	527	4	2,450
Pig iron > 0.5% phosphorus	--	--	(3)	18
Alloy pig iron	(3)	98	1	542
Total pig iron	1	625	5	3,010
Direct-reduced iron (DRI)	(3)	16	(3)	16
Spongy iron products, not DRI	(3)	205	2	1,270
Granules for abrasive cleaning and other uses	3	4,060	17	20,600
Powders of alloy steel	1	4,590	5	18,300
Other ferrous powders	8	9,010	39	45,100
Total DRI, granules, powders	13	17,900	63	85,300
Grand total	2,060	983,000	9,440	4,450,000

-- 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	May 2012		January–May ³	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	92	3	655
Bulgaria	--	--	2	265
Canada	264	113,000	1,360	599,000
Cayman Islands	2	722	3	862
France	--	--	16	6,950
Germany	(4)	7	45	20,700
Japan	(4)	75	1	324
Jordan	--	--	1	290
Korea, Republic of	--	--	4	1,570
Mexico	22	10,800	113	63,200
Netherlands	--	--	135	59,400
Peru	--	--	1	318
Sweden	--	--	70	30,800
United Kingdom	7	1,390	78	36,400
Other ⁵	1	708	3	5,020
Total	297	127,000	1,840	826,000

-- Zero.

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

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

³May include revisions to previously published data.

⁴Less than ½ unit.

⁵Includes countries with January–May 2012 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	May 2012		January–May ³	
	Quantity	Value	Quantity	Value
Boston, MA	--	--	1	447
Buffalo, NY	51	36,600	286	193,000
Charleston, SC	--	--	162	72,100
Chicago, IL	(4)	66	18	1,680
Columbia-Snake, OR	9	3,280	9	3,280
Detroit, MI	90	36,400	486	209,000
Duluth, MN	3	928	14	6,020
El Paso, TX	4	1,470	18	8,180
Great Falls, MT	10	3,800	63	24,800
Laredo, TX	5	4,290	43	34,800
Los Angeles, CA	5	2,170	10	5,930
Miami, FL	1	251	6	1,280
Mobile, AL	(4)	22	33	15,400
New Orleans, LA	7	1,360	119	49,200
Nogales, AZ	3	1,380	14	6,190
Ogdensburg, NY	3	2,680	19	19,200
Pembina, ND	8	2,850	31	13,300
Portland, ME	1	498	4	2,010
San Diego, CA	5	1,790	30	9,990
Savannah, GA	--	--	1	373
Seattle, WA	89	26,400	432	127,000
Tampa, FL	3	740	4	1,060
Wilmington, NC	(4)	8	36	16,500
Other	(4)	258	2	5,020
Total	297	127,000	1,840	826,000

-- Zero.

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

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

³May include revisions to previously published data.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Item	May 2012		January–May	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	23	8,500	93	35,100
No. 2 heavy melting steel	10	3,180	41	14,100
No. 1 bundles	54	22,000	634	279,000
No. 2 bundles	2	431	11	3,050
Shredded steel scrap	24	5,330	190	55,100
Borings, shovelings and turnings	7	1,690	39	10,300
Cut plate and structural	33	10,300	127	39,200
Tinned iron or steel	8	2,640	45	15,400
Remelting scrap ingots	--	--	(3)	148
Cast iron	22	7,240	110	33,700
Other iron and steel	74	24,300	217	65,500
Total carbon steel and cast iron	257	85,600	1,510	551,000
Stainless steel	10	18,000	76	131,000
Other alloy steel	31	23,500	257	144,000
Total stainless and alloy steel	41	41,500	333	275,000
Total carbon, stainless, alloy steel and cast iron	297	127,000	1,840	826,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Total scrap imports	297	127,000	1,840	826,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	398	186,000	2,120	979,000
Pig iron > or = 0.5% phosphorus	(3)	24	(3)	24
Alloy pig iron	--	--	(3)	89
Total pig iron	398	186,000	2,120	979,000
Direct-reduced iron (DRI)	140	55,300	1,090	422,000
Spongy iron products, not DRI	32	12,400	90	36,400
Granules for abrasive cleaning and other uses	2	2,050	8	9,150
Powders of alloy steel	5	9,170	25	44,200
Other ferrous powders	24	7,440	52	38,700
Total DRI, granules, powders	203	86,300	1,270	550,000
Grand total	898	400,000	5,230	2,360,000

-- 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
2011:						
May	7,140	35,400	72.7	74.4	97.5	97.5
June	7,250	42,700	76.2	74.4	97.7	97.5
July	7,370	50,000	75.0	74.4	98.0	97.6
August	7,440	57,500	75.7	74.7	97.9	97.6
September	7,240	64,700	76.1	74.8	98.1	97.6
October	7,160	71,900	71.9	74.5	97.9	97.7
November	7,040	78,900	73.0	74.4	98.0	97.7
December	7,490	86,400	75.2	74.4	98.0	97.8
2012:						
January	7,710	7,710	77.6	77.6	98.4	98.4
February	7,550	15,300	80.7	79.1	98.3	98.4
March	7,970	23,200	79.6	79.3	98.4	98.4
April	7,830	31,100	80.9	79.7	98.4	98.4
May	7,920	39,000	79.2	79.6	98.7	98.5

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

²May include revisions to previously published data.

Source: American Iron and Steel Institute.

TABLE 13
COMPOSITE PRICES FOR NO. 1 HEAVY MELTING STEEL SCRAP AND PIG IRON

Period	American Metal Market		Scrap Price Bulletin ¹			
	No. 1 HMS		No. 1 HMS		Pig Iron ²	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2011:						
May	404.44	398.05	402.50	396.14	558.80	549.97
June	415.68	409.11	415.00	408.48	558.80	549.97
July	419.50	412.87	418.50	411.89	558.80	549.97
August	418.55	411.94	417.16	410.57	558.80	549.97
September	416.83	410.25	416.83	410.25	558.80	549.97
October	405.95	399.54	408.30	401.85	553.21	544.47
November	379.75	373.75	373.33	367.43	497.84	489.98
December	396.41	390.15	339.50	334.14	497.84	489.98
Average, January–December	410.99	404.49	398.20	391.91	528.37	520.02
2012:						
January	424.42	417.72	428.17	421.41	516.13	507.98
February	406.16	399.75	401.17	394.83	520.70	512.48
March	402.76	396.40	401.92	395.57	520.70	512.48
April	395.08	388.84	399.17	392.87	520.70	512.48
May	398.55	392.26	399.17	392.87	520.70	512.48

¹Formerly Iron Age.

²Prices are Brazilian basic pig iron, f.o.b. New Orleans, LA.

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