

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN APRIL 2012

On a daily average basis in April 2012, estimated consumption of iron and steel scrap was down slightly, net receipts of purchased scrap were down slightly, and home scrap production was up by 5% from that of March 2012. Stocks of purchased and home scrap at the end of April 2012 were down slightly from those at the end of March 2012. These observations are based upon responses from about 25% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 33% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production was down slightly and consumption was down slightly in April 2012 from those in March 2012. Stocks of pig iron at the end of April 2012 were up by 4% from those at the end of March 2012.

Exports of iron and steel scrap for the month of April 2012 decreased by 12% from those of March 2012. Turkey was the leading country of destination, accounting for 33% of the total tonnage of exports, followed by Taiwan with 16% and the Republic of Korea with 11% (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 17% and Boston, MA, with 11% (table 7).

Imports of iron and steel scrap for April 2012 were down slightly from those of March 2012. Canada was the leading country of origin, accounting for 77% of the total tonnage of imports, followed by the Netherlands with 9% and Sweden with 9% (table 9). Seattle, WA, was the leading U.S. Customs district for tonnage of imports, accounting for 26% of the total, followed by Detroit, MI, with 24% and Buffalo, NY, with 18% (table 10).

The daily average domestic raw steel production for April 2012, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 261,000 metric tons, up slightly from that in March 2012 and up by 12% from that in April 2011 (table 12). The electric furnace portion of raw steel production for April 2012 was 59%, up from 57% in March 2012 and down from 64% in April 2011.

Raw steel production capability utilization (AISI data) in April 2012 was 81%, up from 80% in March 2012 and up from 74% in April 2011 (table 12). Continuous cast steel production in April 2012 accounted for 98% of total raw steel production, the same as that in March 2012 and up slightly from that in April 2011.

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

(Thousand metric tons)

	April 2012			January–April 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	1,740	2,080	3,830	7,230	8,500	15,700
Receipts from other own company plants	54	255	309	209	1,010	1,220
Production recirculating scrap	443	234	677	1,740	940	2,680
Production obsolete scrap	W	W	10	W	W	44
Consumption (by type of furnace):						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	635	W	W	2,730
Electric furnace	1,330	2,360	3,690	5,450	9,530	15,000
Other (including air furnace) ⁶	W	W	W	W	W	W
Total consumption	2,150	2,550	4,700	8,790	10,300	19,100
Shipments	110	18	128	417	75	492
Stocks, end of period	1,980	1,730	3,710	1,980	1,730	3,710
Pig iron (includes hot metal):						
Receipts	567	94	661	2,290	401	2,690
Production	2,370	--	2,370	9,660	--	9,660
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,480	W	W	10,600
Direct castings ⁷	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,920	84	3,010	11,900	373	12,300
Shipments	W	W	6	W	W	25
Stocks, end of period	W	W	442	W	W	442
Direct-reduced iron:⁸						
Receipts	95	64	159	459	228	687
Total consumption	91	75	166	394	186	580
Stocks, end of period	178	70	248	178	70	248

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. April 2012 data are based on returns from 25% of consumer surveys, representing 33% 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	April 2012				January–April ^{B,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	55	W	58	W	222	W	232
Cut structural and plate	317	60	397	281	1,340	241	1,610
No. 1 heavy melting steel	400	76	494	321	1,630	303	2,000
No. 2 heavy melting steel	466	19	510	372	1,950	79	2,020
No. 1 and electric furnace bundles	208	W	275	263	792	W	1,090
No. 2 and all other bundles	70	W	76	28	328	W	343
Electric furnace 1 foot and under (not bundles)	1	W	W	W	5	W	37
Railroad rails	21	W	26	18	84	W	108
Turnings and borings	191	4	214	132	765	16	836
Slag scrap	82	93	136	153	318	375	519
Shredded and fragmented	1,160	W	1,330	990	4,780	W	5,470
No. 1 busheling	368	16	367	357	1,480	68	1,550
Steel cans (post consumer)	9	--	9	3	38	--	38
All other carbon steel scrap	225	145	370	196	957	546	1,500
Stainless steel scrap	73	27	110	46	290	110	443
Alloy steel scrap	40	20	63	155	161	81	253
Ingot mold and stool scrap	W	W	11	18	3	W	46
Machinery and cupola cast iron	5	W	5	4	18	W	18
Cast iron borings	W	W	W	W	99	W	101
Other iron scrap	78	35	103	133	317	118	422
Other mixed scrap	38	45	105	90	156	183	482
Total	3,830	677	4,700	3,710	15,700	2,680	19,100

^BPreliminary. 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	April 2012			January–April ^{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	144	621	1,700	575	2,490
North Central:						
Illinois and Indiana	433	141	574	1,820	568	2,370
Iowa, Minnesota, Nebraska, Wisconsin	261	13	283	1,040	52	1,130
Michigan	146	100	218	590	409	842
Ohio	462	95	593	1,960	333	2,290
Total	1,300	350	1,670	5,410	1,360	6,640
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	221	53	301	912	209	1,200
Georgia, North Carolina, South Carolina	296	20	326	1,220	76	1,410
Total	517	72	626	2,130	286	2,610
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	725	42	762	2,920	176	3,150
Arkansas, Louisiana, Oklahoma, Texas	604	48	723	2,550	193	2,970
Total	1,330	90	1,490	5,470	369	6,120
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	256	22	298	1,020	90	1,260
Grand total	3,830	677	4,700	15,700	2,680	19,100

^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 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	April 2012					January–April 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	75	W	2	W	W
Cut structural and plate	41	100	60	95	W	171	407	252	422	W
No. 1 heavy melting steel	71	94	38	172	24	281	418	146	685	97
No. 2 heavy melting steel	10	172	43	202	W	40	747	198	805	W
No. 1 and electric furnace bundles	8	128	W	46	W	34	505	W	164	W
No. 2 and all other bundles	14	28	W	16	W	54	129	W	65	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	5	W	W	W	W	20	W
Turnings and borings	14	64	24	80	9	58	247	110	316	34
Slag scrap	11	33	W	W	--	44	128	W	72	W
Shredded and fragmentized	81	282	188	460	145	333	1,160	764	1,940	578
No. 1 busheling	57	138	35	137	W	229	546	136	563	W
Steel cans (post consumer)	6	W	--	--	--	24	W	--	--	W
All other carbon steel scrap	43	112	W	56	W	167	494	W	241	W
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	2	W	--	W	--	7	136	--	W	--
Ingot mold and stool scrap	W	W	--	--	--	W	W	--	--	--
Machinery and cupola cast iron	W	1	W	W	--	W	5	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Other iron scrap	5	31	W	8	W	20	128	W	34	W
Other mixed scrap	W	5	W	W	W	W	21	W	4	W
Total	422	1,300	517	1,330	256	1,700	5,410	2,130	5,470	1,020

^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 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	April 2012					January–April 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	77	W	4	W	W
Cut structural and plate	52	127	91	106	W	213	507	374	437	W
No. 1 heavy melting steel	109	126	38	196	26	440	508	160	788	102
No. 2 heavy melting steel	16	182	54	217	W	64	712	207	875	W
No. 1 and electric furnace bundles	20	199	W	36	W	81	772	W	145	W
No. 2 and all other bundles	14	31	W	17	W	53	130	W	73	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	68	26	81	9	123	259	107	313	34
Slag scrap	17	69	W	32	W	66	250	W	127	W
Shredded and fragmented	108	310	227	527	161	441	1,260	948	2,180	645
No. 1 busheling	63	150	28	123	W	254	594	130	562	W
Steel cans (post consumer)	6	W	--	--	--	24	W	--	--	W
All other carbon steel scrap	76	175	43	76	3	284	714	172	314	12
Stainless steel scrap	55	19	--	W	--	219	78	--	W	--
Alloy steel scrap	13	39	--	W	--	56	156	--	W	--
Ingot mold and stool scrap	W	7	--	W	--	W	29	--	W	--
Machinery and cupola cast iron	W	W	W	W	--	W	5	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Other iron scrap	12	43	38	9	W	48	182	155	35	W
Other mixed scrap	W	41	W	7	W	W	165	W	28	W
Total	621	1,670	626	1,490	298	2,490	6,640	2,610	6,120	1,260

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	April 2012		January–April ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	105	34,600	448	156,000
Colombia	--	--	29	11,600
Guatemala	30	13,100	30	13,100
Mexico	47	20,500	177	75,600
Other ⁴	1	237	4	1,470
Total	182	68,500	688	257,000
Africa, Europe, Middle East:				
Belgium	1	169	2	1,290
Egypt	(5)	190	214	88,100
Finland	--	--	6	11,500
Germany	1	1,250	2	3,300
Greece	1	256	2	429
Iraq	1	230	1	230
Italy	1	1,640	3	3,400
Morocco	25	10,700	25	10,700
Netherlands	1	1,540	4	3,270
Portugal	6	1,070	6	1,070
Saudi Arabia	(5)	6	40	17,300
Spain	5	10,300	5	10,600
Turkey	618	263,000	2,150	917,000
United Arab Emirates	(5)	24	1	444
Other ⁴	(5)	1,900	3	6,570
Total	660	292,000	2,460	1,080,000
Asia, Australia, Oceania:				
Bangladesh	4	1,700	15	6,990
China	178	117,000	848	529,000
Hong Kong	5	4,010	24	17,100
India	156	72,100	437	197,000
Indonesia	23	10,800	67	30,400
Japan	6	7,460	21	31,900
Korea, Republic of	213	97,900	1,120	498,000
Malaysia	62	26,200	170	73,500
Pakistan	14	8,390	64	37,900
Taiwan	301	138,000	1,130	522,000
Thailand	51	21,000	165	65,800
Vietnam	39	15,600	116	47,700
Other ⁴	(5)	435	1	1,450
Total	1,050	520,000	4,180	2,060,000
Grand total	1,890	880,000	7,330	3,390,000

-- 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–April 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	April 2012		January–April ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	18	7,390	95	38,000
Chicago, IL	(4)	56	1	610
Detroit, MI	27	8,180	117	38,700
Duluth, MN	3	1,050	8	3,640
Great Falls, MT	1	186	3	775
Ogdensburg, NY	2	909	10	2,950
Pembina, ND	43	16,400	180	70,700
Other	5	789	21	3,510
Total	99	34,900	435	159,000
East coast:				
Baltimore, MD	15	6,780	111	49,500
Boston, MA	207	87,900	528	224,000
Charleston, SC	12	7,730	34	21,900
Charlotte, NC	1	1,360	4	6,000
Miami, FL	54	22,300	173	69,800
New York, NY	320	159,000	1,010	491,000
Norfolk, VA	20	11,400	182	88,900
Philadelphia, PA	23	9,950	305	136,000
Portland, ME	(4)	20	41	17,600
Providence, RI	59	25,000	242	102,000
Savannah, GA	30	17,900	138	82,100
St. Albans, VT	6	2,310	17	6,470
Washington, DC	--	--	(4)	23
Total	747	351,000	2,790	1,290,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	(4)	30	2	488
Houston–Galveston, TX	121	53,800	484	218,000
Laredo, TX	21	8,950	110	46,000
Mobile, AL	38	20,500	71	38,200
New Orleans, LA	54	21,500	235	98,500
San Juan, PR	22	7,210	118	41,600
Tampa, FL	52	23,900	90	42,100
U.S. Virgin Islands	6	1,070	10	1,770
Other	(4)	16	(4)	154
Total	314	137,000	1,120	487,000
West coast and Hawaii:				
Columbia–Snake, OR	96	42,100	445	192,000
Honolulu, HI, and Anchorage, AK	6	2,030	53	21,800
Los Angeles, CA	377	198,000	1,420	756,000
San Diego, CA	1	477	7	1,960
San Francisco, CA	131	60,300	681	307,000
Seattle, WA	121	53,800	387	172,000
Total	732	357,000	2,990	1,450,000
Grand total	1,890	880,000	7,330	3,390,000

-- 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	April 2012		January–April	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	656	278,000	2,590	1,100,000
No. 2 heavy melting steel	102	41,900	389	162,000
No. 1 bundles	75	32,700	193	70,000
No. 2 bundles	1	243	2	506
Shredded steel scrap	566	243,000	2,210	947,000
Borings, shovelings and turnings	9	2,710	29	10,200
Cut plate and structural	58	24,800	301	129,000
Tinned iron or steel	15	6,250	53	24,600
Remelting scrap ingots	3	3,210	10	12,100
Cast iron	56	23,800	183	77,500
Other iron and steel	238	109,000	966	443,000
Total carbon steel and cast iron	1,780	767,000	6,930	2,980,000
Stainless steel	49	67,000	173	247,000
Other alloy steel	62	46,500	219	164,000
Total stainless and alloy steel	111	114,000	392	412,000
Total carbon, stainless, alloy steel and cast iron	1,890	880,000	7,330	3,390,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	3	1	208
Used rails for rerolling and other uses	2	1,940	7	6,700
Total scrap exports	1,890	882,000	7,330	3,400,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	329	3	1,920
Pig iron > 0.5% phosphorus	--	--	(3)	18
Alloy pig iron	(3)	36	(3)	444
Total pig iron	1	365	4	2,380
Spongy iron products, not DRI	(3)	209	1	1,070
Granules for abrasive cleaning and other uses	3	3,240	14	16,600
Powders of alloy steel	1	3,720	4	13,700
Other ferrous powders	8	9,120	31	36,100
Total DRI, granules, powders	12	16,300	50	67,400
Grand total	1,910	899,000	7,390	3,470,000

-- 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 2012		January–April ³	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	96	3	467
Bulgaria	2	265	2	265
Canada	266	115,000	1,100	486,000
France	--	--	16	6,950
Germany	(4)	15	45	20,700
Japan	(4)	58	1	249
Jordan	--	--	1	290
Korea, Republic of	--	--	4	1,570
Mexico	15	7,600	91	52,400
Netherlands	31	13,700	135	59,400
Peru	1	249	1	318
Sweden	30	13,700	70	30,800
United Kingdom	1	1,340	71	35,000
Other ⁵	1	720	2	4,540
Total	347	153,000	1,540	699,000

-- 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–April 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	April 2012		January–April ³	
	Quantity	Value	Quantity	Value
Boston, MA	1	223	1	447
Buffalo, NY	64	40,900	235	157,000
Charleston, SC	31	13,700	162	72,100
Chicago, IL	(4)	66	18	1,610
Detroit, MI	83	36,400	396	173,000
Duluth, MN	2	835	11	5,090
El Paso, TX	3	1,370	14	6,710
Great Falls, MT	16	6,210	53	21,000
Laredo, TX	4	3,050	38	30,500
Los Angeles, CA	(4)	385	5	3,760
Miami, FL	1	364	5	1,030
Mobile, AL	1	693	33	15,300
New Orleans, LA	31	13,300	112	47,800
Nogales, AZ	3	1,220	11	4,810
Ogdensburg, NY	3	2,410	16	16,500
Pembina, ND	7	2,870	23	10,400
Portland, ME	1	443	3	1,520
San Diego, CA	5	1,660	25	8,200
Savannah, GA	(4)	83	1	373
Seattle, WA	89	25,200	343	100,000
Tampa, FL	(4)	31	1	316
Wilmington, NC	--	--	36	16,500
Other	1	1,810	2	4,760
Total	347	153,000	1,540	699,000

-- 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	April 2012		January–April	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	20	7,630	70	26,600
No. 2 heavy melting steel	8	2,670	31	10,900
No. 1 bundles	120	51,400	580	257,000
No. 2 bundles	1	244	9	2,610
Shredded steel scrap	37	9,860	166	49,700
Borings, shovelings and turnings	7	1,670	32	8,630
Cut plate and structural	25	7,210	94	28,900
Tinned iron or steel	10	3,350	37	12,700
Remelting scrap ingots	(3)	90	(3)	148
Cast iron	16	6,360	88	26,400
Other iron and steel	40	11,600	143	41,200
Total carbon steel and cast iron	284	102,000	1,250	465,000
Stainless steel	11	19,900	66	113,000
Other alloy steel	52	31,200	226	120,000
Total stainless and alloy steel	63	51,100	292	233,000
Total carbon, stainless, alloy steel and cast iron	347	153,000	1,540	699,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Total scrap imports	347	153,000	1,540	699,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	400	187,000	1,720	793,000
Alloy pig iron	--	--	(3)	89
Total pig iron	400	187,000	1,720	793,000
Direct-reduced iron (DRI)	240	90,200	952	367,000
Spongy iron products, not DRI	30	11,500	58	24,000
Granules for abrasive cleaning and other uses	1	1,630	6	7,100
Powders of alloy steel	5	8,550	20	35,100
Other ferrous powders	4	8,450	28	31,300
Total DRI, granules, powders	280	120,000	1,060	464,000
Grand total	1,030	460,000	4,330	1,960,000

-- 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:						
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
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

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 No. 1 HMS		Iron Age No. 1 HMS		Iron Age Pig Iron ¹	
	\$/t	\$/t	\$/t	\$/t	\$/t	\$/t
	2011:					
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
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	NA	NA	399.17	392.87	520.70	512.48

NA Not available.

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

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