

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN APRIL 2004

On a daily average basis in April 2004, estimated consumption of iron and steel scrap was up 1% and net receipts of purchased and home scrap were down 3% compared with those of March 2004, according to the U.S. Geological Survey. Production of home scrap was up 3% and stocks of purchased and home scrap at the end of the month were down 2%. These observations are based upon responses from 50% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 43% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production was up 1% and consumption was down 4% compared with those of March 2004. Stocks of pig iron at month's end were the same as in March 2004.

Exports of iron and steel scrap for the month of March 2004 increased 20% from those of February 2004. China was the leading country of destination, accounting for 27% of the total tonnage of exports, followed by the Republic of Korea with 23% and Mexico with 20% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 18% of the total, followed by New York, NY, with 15% and San Francisco, CA, with 12% (table 7).

Imports of iron and steel scrap for March 2004 increased 20% compared with those of February 2004. Canada was the leading country of origin, accounting for 48% of the total tonnage of imports, followed by the United Kingdom with 26% and Sweden with 14% (table 9). New Orleans, LA, was the leading Customs district for tonnage of imports, accounting for 30% of the total, followed by Charleston, SC, with 21% and Detroit, MI, with 19% (table 10).

The daily average domestic raw steel production for April 2004, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 269,000 metric tons (t), down 1% from 271,000 t in March 2004 and up 2% from 263,000 t in April 2003 (table 12). The electric furnace portion of raw steel production for March 2004 was 51%, down from 52% in February 2004 and up from 50% March 2003.

Raw steel capability utilization (AISI data) in April 2004 was 94%, about the same as in March 2004 and up from 88% in April 2003 (table 12). Continuous cast steel production in the United States accounted for 97% of total raw steel production in April 2004, about the same as in March 2004 and about the same as in April 2003.

TABLE 1
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS²

(Thousand metric tons)

	April 2004			Year to date ^p		
	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,110	2,490	3,600	4,590	9,880	14,500
Receipts from other own company plants	W	W	175	W	W	676
Production recirculating scrap	617	339	956	2,500	1,360	3,860
Production obsolete scrap	15	27	41	52	107	159
Consumption (by type of furnace):						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	1,630	W	W	4,870
Electric furnace	W	W	3,380	W	W	13,900
Other (including air furnace) ⁶	(5)	--	(5)	(5)	--	(5)
Total consumption	1,670	2,950	4,620	6,970	11,700	18,600
Shipments	103	2	105	383	21	404
Stocks end of month	2,080	1,890	3,980	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	569	124	694	2,260	469	2,720
Production	W	W	2,650	W	W	10,500
Consumption (by type of furnace):						
Basic oxygen process	W	W	3,100	W	W	12,900
Direct castings ⁷	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	3,010	97	3,100	12,500	401	12,900
Shipments	(8)	(8)	(8)	(8)	(8)	(8)
Stocks end of month	W	W	318	XX	XX	XX
Direct-reduced iron:⁹						
Receipts	110	29	139	326	77	403
Production	W	--	W	--	--	--
Total consumption	83	16	99	374	120	494
Shipments	--	--	--	--	--	--
Stocks end of month	116	44	160	XX	XX	XX

^pPreliminary. 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 2004 data are based on returns from 50% of monthly respondents, representing 43% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³Includes data for electric furnaces operated by integrated steel producers.

⁴Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁵Withheld to avoid disclosing company proprietary data; included in "Consumption: Basic oxygen process."

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Withheld to avoid disclosing company proprietary data.

⁹Includes 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 2004				Year to date ^p		
	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 ³	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 ³
Carbon steel:							
Low-phosphorus plate and punchings	31	W	64	129	123	W	241
Cut structural and plate	378	64	432	270	1,570	294	1,820
No. 1 heavy melting steel	412	167	589	490	1,700	670	2,310
No. 2 heavy melting steel	501	35	527	449	1,940	139	2,130
No. 1 and electric furnace bundles	376	W	509	292	1,480	W	2,030
No. 2 and all other bundles	73	W	75	43	293	W	301
Electric furnace 1 foot and under (not bundles)	(4)	W	W	W	(4)	W	W
Railroad rails	22	W	24	21	90	W	104
Turnings and borings	150	5	182	88	643	20	731
Slag scrap	83	125	179	151	306	486	699
Shredded and fragmented	784	W	866	519	3,110	W	3,560
No. 1 busheling	386	8	401	209	1,590	53	1,610
Steel cans (post consumer)	22	W	26	W	89	W	107
All other carbon steel scrap	154	188	351	260	604	751	1,420
Stainless steel scrap	78	20	102	40	288	79	383
Alloy steel scrap	12	45	54	28	45	179	218
Ingot mold and stool scrap	W	7	5	16	W	27	19
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	25	W	21	15	102	W	94
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	34	35	89	W	147	139	354
Other mixed scrap	79	28	111	563	353	112	468
Total	3,600	956	4,620	3,980	14,500	3,860	18,600

^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.

³Includes recirculating scrap and home-generated obsolete scrap.

⁴Less than 1/2 unit.

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 2004			Year to date ^p		
	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 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 ³
Mid-Atlantic and New England:						
New Jersey, New York, Pennsylvania	413	176	617	1,650	702	2,460
North Central:						
Illinois and Indiana	374	316	684	1,560	1,260	2,730
Iowa, Minnesota, Nebraska, Wisconsin	240	5	240	983	20	960
Michigan	174	88	223	706	319	882
Ohio	495	125	612	1,930	500	2,380
Total	1,280	534	1,760	5,180	2,100	6,950
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	239	66	266	818	295	1,130
Florida, Georgia, North Carolina, South Carolina	274	18	318	1,140	73	1,300
Total	513	83	583	1,960	368	2,430
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	355	41	423	1,760	195	1,960
Arkansas, Louisiana, Oklahoma, Texas	699	61	839	2,610	256	3,300
Total	1,050	102	1,260	4,360	451	5,260
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	339	61	398	1,330	242	1,540
Grand total	3,600	956	4,620	14,500	3,860	18,600

^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.

³Includes 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 2004					Year to date ^p				
	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	14	4	W	4	8	57	18	W	24	22
Cut structural and plate	46	133	90	80	29	189	536	365	363	118
No. 1 heavy melting steel	42	108	38	170	54	175	473	160	689	203
No. 2 heavy melting steel	8	200	72	170	51	30	783	265	659	205
No. 1 and electric furnace bundles	31	263	27	45	10	123	1,030	89	198	38
No. 2 and all other bundles	7	30	7	18	11	29	124	23	71	45
Electric furnace 1 foot and under (not bundles)	--	(5)	--	--	--	--	2	--	--	--
Railroad rails	W	W	1	13	W	W	W	2	53	W
Turnings and borings	26	42	16	59	7	96	189	76	255	27
Slag scrap	18	30	2	32	W	74	121	8	98	W
Shredded and fragmentized	46	162	208	267	100	192	640	760	1,110	402
No. 1 busheling	52	166	20	142	6	202	666	81	612	24
Steel cans (post consumer)	3	W	W	W	W	14	W	W	W	W
All other carbon steel scrap	38	70	12	32	W	159	274	41	125	W
Stainless steel scrap	65	13	--	--	--	240	48	--	--	--
Alloy steel scrap	7	W	--	W	--	29	W	--	W	--
Ingot mold and stool scrap	--	W	--	--	--	(5)	--	--	--	--
Machinery and cupola cast iron	--	--	--	W	--	--	--	--	W	--
Cast iron borings	W	W	W	7	--	W	W	W	31	--
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	20	W	(5)	W	W	W	W	2	W
Other mixed scrap	W	W	5	12	W	W	W	18	54	W
Total	413	1,280	513	1,050	339	1,650	5,180	1,960	4,360	1,330

^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.

⁵Less than 1/2 unit.

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

(Thousand metric tons)

Item	April 2004					Year to date ^p				
	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	14	33	W	W	10	58	131	W	W	24
Cut structural and plate	66	140	108	89	28	275	565	490	381	113
No. 1 heavy melting steel	82	153	42	220	92	330	581	172	874	349
No. 2 heavy melting steel	14	202	68	190	52	57	802	285	771	209
No. 1 and electric furnace bundles	39	384	21	55	9	150	1,530	73	241	38
No. 2 and all other bundles	9	30	5	20	12	34	119	22	78	48
Electric furnace 1 foot and under (not bundles)	--	12	--	--	--	--	44	--	--	--
Railroad rails	W	W	1	12	W	18	W	3	55	W
Turnings and borings	30	54	25	65	8	116	223	88	275	29
Slag scrap	30	81	16	51	W	117	315	64	199	W
Shredded and fragmentized	79	160	205	314	107	329	618	837	1,340	430
No. 1 busheling	54	170	21	150	7	212	661	90	620	28
Steel cans (post consumer)	5	W	4	W	W	22	W	W	W	W
All other carbon steel scrap	69	174	42	62	W	275	685	185	264	W
Stainless steel scrap	80	22	--	--	--	300	83	--	--	--
Alloy steel scrap	18	34	--	W	--	73	136	--	W	--
Ingot mold and stool scrap	3	1	--	(4)	--	13	4	--	1	--
Machinery and cupola cast iron	--	--	--	W	--	--	--	--	W	--
Cast iron borings	W	W	W	6	--	W	W	W	31	--
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	50	W	3	W	W	202	W	12	W
Other mixed scrap	W	27	5	12	W	W	128	23	63	W
Total	617	1,760	583	1,260	398	2,460	6,950	2,430	5,260	1,540

^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.

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

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

⁴Less than 1/2 unit.

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 2004		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Aruba	--	--	1	76
Belize	(3)	47	(3)	84
Brazil	(3)	159	(3)	340
Canada	158	21,900	357	53,200
Chile	(3)	72	(3)	81
Colombia	(3)	61	(3)	107
Dominican Republic	1	548	1	631
Ecuador	(3)	28	(3)	28
Guatemala	--	--	25	4,240
Jamaica	(3)	34	(3)	40
Mexico	190	41,700	256	53,600
Peru	--	--	32	4,690
Turks and Caicos Islands	(3)	45	1	143
Venezuela	(3)	26	(3)	60
Other	2	23	3	195
Total	350	64,700	675	117,000
Africa, Europe, Middle East:				
Belgium	(3)	74	(3)	224
Finland	6	8,440	18	24,200
Germany	2	225	2	766
Kenya	7	2,680	14	6,510
Netherlands	(3)	95	2	933
Oman	(3)	40	(3)	40
Portugal	3	339	10	1,230
Russia	(3)	37	(3)	37
Spain	(3)	17	(3)	47
Sweden	(3)	198	(3)	398
Switzerland	(3)	75	1	130
Turkey	48	10,600	147	23,100
United Arab Emirates	(3)	31	1	211
United Kingdom	(3)	165	1	470
Other	2	42	1	194
Total	67	23,100	197	58,500
Asia, Australia, Oceania:				
China	257	77,200	1,020	243,000
Hong Kong	10	4,530	16	6,880
India	5	1,660	13	7,070
Indonesia	(3)	180	1	519
Japan	8	5,040	21	14,000
Korea, Republic of	219	52,300	395	116,000
Malaysia	32	6,970	55	9,870
Pakistan	(3)	39	1	213
Phillipines	(3)	30	(3)	30
Singapore	(3)	64	(3)	206
Taiwan	10	7,180	26	19,300
Thailand	4	563	127	18,100
Vietnam	(3)	226	1	786
Other	1	16	1	118
Total	547	156,000	1,680	436,000
Grand total	964	244,000	2,550	612,000

-- 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 1/2 unit.

Source: U.S. Census Bureau.

TABLE 7
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION AND SELECTED CUSTOMS DISTRICT^{1,2,3}

(Thousand metric tons and thousand dollars)

Region and customs district	March 2004		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	10	2,390	23	5,920
Chicago, IL	1	228	3	591
Detroit, MI	37	5,390	92	14,100
Duluth, MN	8	888	15	1,780
Ogdensburg, NY	5	1,120	11	3,040
Pembina, ND	63	7,960	127	17,900
Other ⁴	1	212	3	526
Total	125	18,200	275	43,800
East Coast:				
Baltimore, MD	1	757	5	2,400
Boston, MA	23	5,570	188	27,700
Charleston, SC	4	1,830	9	4,480
Miami, FL	4	1,960	10	3,880
New York, NY	147	44,100	410	103,000
Norfolk, VA	19	5,230	50	11,100
Philadelphia, PA	56	10,200	112	18,900
Portland, ME	25	5,310	87	14,500
Savannah, GA	5	3,310	14	8,380
St. Albans, VT	3	744	8	1,900
Wilmington, NC	2	804	5	1,470
Other	30	3,380	75	8,880
Total	318	83,300	973	206,000
Gulf Coast and Mexican-U.S.				
Border (includes Caribbean territories):				
Houston-Galveston, TX	19	10,800	32	24,900
Laredo, TX	74	14,200	99	19,300
Mobile, AL	2	3,620	2	3,850
New Orleans, LA	(5)	221	13	18,500
Nogales, AZ	2	189	3	355
San Juan, PR	11	2,000	19	3,000
Tampa, FL	28	5,260	96	15,600
Other	(5)	107	1	137
Total	137	36,400	264	85,500
West Coast and Hawaii:				
Columbia-Snake, OR	7	2,170	99	19,300
Honolulu, HI and Anchorage, AK	32	5,910	33	6,890
Los Angeles, CA	169	56,000	441	140,000
San Diego, CA	13	2,650	31	5,600
San Francisco, CA	117	26,800	287	61,500
Seattle, WA	46	12,300	150	42,900
Total	384	106,000	1,040	276,000
Grand total	964	244,000	2,550	612,000

¹Re-export activity for March 2004 amounted to 1,830 metric tons valued at \$751,000.

²Includes 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.

³Data are rounded to no more than three significant digits; may not add to totals shown.

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

⁵Less than 1/2 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	March 2004		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	193	35,600	412	65,600
No. 2 heavy melting steel	47	7,810	78	12,800
No. 1 bundles	28	4,330	65	9,660
No. 2 bundles	1	173	2	310
Shredded steel scrap	236	48,600	873	149,000
Borings, shovelings and turnings	28	2,480	48	4,780
Cut plate and structural	32	7,880	95	24,500
Tinned iron or steel	8	1,650	22	5,210
Remelting scrap ingots	1	784	2	2,230
Cast iron	141	29,000	279	55,600
Other iron and steel	105	21,800	327	64,800
Total carbon steel and cast iron	820	160,000	2,200	395,000
Stainless steel	51	45,100	116	128,000
Other alloy steel	94	38,500	233	88,600
Total stainless and alloy steel	145	83,600	349	217,000
Total carbon, stainless, alloy steel and cast iron	964	244,000	2,550	612,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	16	2,620
Used rails for rerolling and other uses	2	914	7	2,760
Total scrap exports	966	245,000	2,570	617,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	298	2	407
Pig iron > 0.5% phosphorus	--	--	10	912
Alloy pig iron	(3)	9	(3)	70
Total pig iron	1	307	12	1,390
Direct-reduced iron (DRI)	(3)	3	(3)	14
Spongy iron products, not DRI	(3)	164	1	472
Granules for abrasive cleaning and other uses	3	1,880	6	4,530
Powders of alloy steel	1	1,150	3	3,660
Other ferrous powders	4	5,590	13	16,500
Total DRI, granules, powders	8	8,790	24	25,200
Grand total	976	254,000	2,610	644,000

-- 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 1/2 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 2004		Year to date	
	Quantity	Value	Quantity	Value
Argentina	(3)	166	(3)	433
Bahamas, The	1	35	1	65
Brazil	(3)	274	2	870
Canada	225	55,200	589	135,000
China	(3)	330	1	887
Colombia	(3)	519	(3)	580
Dominican Republic	2	607	11	2,310
Germany	3	323	3	336
Mexico	15	7,170	40	18,800
Netherlands	22	10,400	34	12,400
Netherlands Antilles	10	321	13	718
Sweden	64	13,800	113	22,500
United Kingdom	125	28,800	315	69,800
Venezuela	3	787	7	6,020
Other	2	339	31	10,300
Total	472	119,000	1,160	281,000

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 1/2 unit.

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 2004		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	45	18,500	98	41,800
Charleston, SC	99	22,100	352	71,100
Detroit, MI	92	19,000	255	51,700
Galveston, TX	8	3,890	11	7,610
Laredo, TX	4	3,460	10	8,990
Mobile, AL	13	928	29	8,670
New Orleans, LA	142	37,800	231	59,500
Pembina, ND	4	1,280	10	3,640
San Diego, CA	6	922	13	2,190
Seattle, WA	47	6,430	119	14,900
Other	12	4,840	32	11,300
Total	472	119,000	1,160	281,000

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.

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 2004		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	24	2,800	59	7,840
No. 2 heavy melting steel	3	392	8	1,150
No. 1 bundles	41	8,770	82	16,100
No. 2 bundles	(3)	25	1	93
Shredded steel scrap	163	33,500	404	79,000
Borings, shovelings and turnings	1	99	2	161
Cut plate and structural	18	3,260	35	5,430
Tinned iron or steel	(3)	164	2	571
Remelting scrap ingots	(3)	67	(3)	97
Cast iron	29	4,900	77	12,600
Other iron and steel	144	32,100	381	76,100
Total carbon steel and cast iron	424	86,100	1,050	199,000
Stainless steel	22	27,000	48	59,100
Other alloy steel	26	6,040	60	23,200
Total stainless and alloy steel	48	33,000	108	82,300
Total carbon, stainless, alloy steel and cast iron	472	119,000	1,160	281,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	21	3,010	22	3,270
Total scrap imports	493	122,000	1,180	285,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	492	92,200	981	186,000
Pig iron > 0.5% phosphorus	--	--	29	5,620
Alloy pig iron	--	--	--	--
Total pig iron	492	92,200	1,010	192,000
Direct-reduced iron (DRI)	334	43,300	611	86,100
Spongy iron products, not DRI	(3)	49	(3)	266
Granules for abrasive cleaning and other uses	1	794	4	2,310
Powders of alloy steel	6	5,050	14	12,500
Other ferrous powders	5	5,860	12	14,000
Total DRI, granules, powders	346	55,100	642	115,000
Grand total	1,330	269,000	2,830	591,000

-- 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 1/2 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
2003:						
February	7,420	15,200	87.3	85.1	95.3	95.4
March	8,000	23,200	85.0	84.9	96.8	96.8
April	7,890	31,100	87.8	85.7	97.1	96.9
May	7,520	38,600	81.1	84.7	97.1	97.0
June	7,740	46,400	86.2	85.3	97.0	97.3
July	7,410	53,800	78.9	84.3	97.2	97.3
August	7,340	61,100	78.3	83.5	97.2	97.3
September	7,280	68,400	80.7	83.2	96.7	97.2
October	7,720	76,100	82.8	83.3	97.0	97.3
November	7,570	83,700	83.9	83.4	97.2	97.3
December	7,630	91,300	81.9	82.2	97.1	96.1
2004:						
January	7,850	7,850	88.0	88.0	96.9	96.9
February	7,620	15,400	90.9	88.9	97.0	97.0
March	8,410	23,800	93.7	90.4	96.9	96.9
April	8,080	31,900	93.9	91.1	96.9	96.9

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

²Includes 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	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2003:						
April	119.80	117.91	115.92	114.09	NA	NA
May	109.04	107.32	107.38	105.68	NA	NA
June	106.13	104.45	104.57	102.92	NA	NA
July	111.21	109.45	109.63	107.89	NA	NA
August	123.32	121.37	119.17	117.29	NA	NA
September	128.35	126.32	125.83	123.85	NA	NA
October	130.67	128.61	127.92	125.89	193.75	190.69
November	144.03	141.76	141.29	139.06	199.64	196.48
December	159.88	157.35	155.50	153.05	206.64	203.38
Average	114.06	112.26	112.10	110.33	180.99 ^r	178.13 ^r
2004:						
January	177.47	174.67	179.84	176.99	240.78	236.98
February	224.09	220.55	222.50	218.99	240.78	236.98
March	250.05	246.10	238.13	234.37	NA	NA
April	208.76	205.46	201.33	198.15	NA	NA

^rRevised. NA Not available.

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