

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN FEBRUARY 2004

On a daily average basis in February 2004, estimated consumption of iron and steel scrap was up 4% and net receipts of purchased and home scrap were up 5% compared with those of January 2004, according to the U.S. Geological Survey. Production of home scrap was up 2% and stocks of purchased and home scrap at the end of the month were down 3%. These observations are based upon responses from 59% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 51% 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 12% and consumption was up 11% compared with those of January 2004. Stocks of pig iron at month's end were down 5%. Exports of iron and steel scrap for the month of January 2004 increased 2% from those of December 2003. China was the leading country of destination, accounting for 54% of the total tonnage of exports, followed by the Republic of Korea with 11% and Canada with 11% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 17% of the total, followed by New York, NY, with 14% and San Francisco, CA, with 13% (table 7).

Imports of iron and steel scrap for January 2004 increased 1% compared with those of December 2003. Canada was the leading country of origin, accounting for 56% of the total tonnage of imports, followed by the United Kingdom with 22% and Denmark with 7% (table 9). Charleston, SC, was the leading Customs district for tonnage of imports, accounting for 44% of the total, followed by Detroit, MI, with 25% and Seattle, WA, with 11% (table 10).

The daily average domestic raw steel production for February 2004, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 263,000 metric tons, up 4% from 253,000 tons in January 2004 and down 1% from 265,000 in February 2003 (table 12). The electric furnace portion of raw steel production for February 2004 was 52%, up from 50% in January 2004 and February 2003.

Raw steel capability utilization (AISI data) in February 2004 was 91%, up from 88% of January 2004 and up from 87% of February 2003 (table 12). Continuous cast steel production in the United States accounted for 97% of total raw steel production in February 2004, about the same as in January 2004 and up from 95% in February 2003.

TABLE 1  
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS<sup>2</sup>

(Thousand metric tons)

	February 2004			Year to date <sup>p</sup>		
	Integrated steel producers <sup>3</sup>	Electric furnace steel producers <sup>4</sup>	Total for steel producers	Integrated steel producers <sup>3</sup>	Electric furnace steel producers <sup>4</sup>	Total for steel producers
<b>Scrap:</b>						
Receipts from dealers and other sources	1,120	2,380	3,500	2,240	4,820	7,060
Receipts from other own company plants	W	W	169	W	W	337
Production recirculating scrap	617	336	953	1,270	677	1,950
Production obsolete scrap	13	27	40	26	53	79
<b>Consumption (by type of furnace):</b>						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	1,150	W	W	2,380
Electric furnace	W	W	3,430	W	W	6,910
Other (including air furnace) <sup>6</sup>	(5)	--	(5)	(5)	--	(5)
Total consumption	1,730	2,850	4,580	3,500	5,800	9,290
Shipments	92	6	98	188	13	201
Stocks end of month	2,140	1,820	3,960	XX	XX	XX
<b>Pig iron (includes hot metal):</b>						
Receipts	556	122	677	1,130	207	1,340
Production	W	W	2,550	W	W	5,190
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	3,170	W	W	6,430
Direct castings <sup>7</sup>	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	3,070	105	3,170	6,230	199	6,430
Shipments	(8)	(8)	(8)	(8)	(8)	(8)
Stocks end of month	W	W	319	XX	XX	XX
<b>Direct-reduced iron:<sup>9</sup></b>						
Receipts	61	16	77	144	41	185
Production	W	--	W	--	--	--
Total consumption	92	36	129	189	70	259
Shipments	--	--	--	--	--	--
Stocks end of month	141	107	249	XX	XX	XX

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable. -- Zero.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings. February 2004 data are based on returns from 59% of monthly respondents, representing 51% of scrap consumption during this month, and estimates for nonrespondents of this survey.

<sup>3</sup>Includes data for electric furnaces operated by integrated steel producers.

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

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

<sup>6</sup>Includes vacuum melting furnaces and miscellaneous uses.

<sup>7</sup>Includes ingot molds and stools.

<sup>8</sup>Withheld to avoid disclosing company proprietary data.

<sup>9</sup>Includes 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<sup>1</sup><sup>2</sup>

(Thousand metric tons)

Item	February 2004				Year to date <sup>p</sup>		
	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 <sup>3</sup>	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 <sup>3</sup>
<b>Carbon steel:</b>							
Low-phosphorus plate and punchings	29	W	60	128	58	W	120
Cut structural and plate	370	73	448	292	786	164	939
No. 1 heavy melting steel	426	166	559	461	856	331	1,150
No. 2 heavy melting steel	465	35	525	397	920	69	1,060
No. 1 and electric furnace bundles	348	W	488	290	710	W	995
No. 2 and all other bundles	72	W	74	43	148	W	150
Electric furnace 1 foot and under (not bundles)	(4)	W	W	W	(4)	W	W
Railroad rails	23	W	27	16	44	W	52
Turnings and borings	166	4	189	121	332	10	361
Slag scrap	67	120	165	168	148	248	342
Shredded and fragmentized	756	W	893	487	1,500	W	1,780
No. 1 busheling	376	15	388	241	768	29	789
Steel cans (post consumer)	22	W	26	W	44	W	53
All other carbon steel scrap	152	184	345	260	300	374	713
Stainless steel scrap	63	19	87	35	129	39	180
Alloy steel scrap	11	42	54	26	22	87	107
Ingot mold and stool scrap	W	7	5	16	W	13	9
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	26	W	24	13	51	W	52
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	35	32	92	W	74	72	179
Other mixed scrap	89	26	116	564	173	54	240
<b>Total</b>	<b>3,500</b>	<b>953</b>	<b>4,580</b>	<b>3,960</b>	<b>7,060</b>	<b>1,950</b>	<b>9,290</b>

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>Includes recirculating scrap and home-generated obsolete scrap.

<sup>4</sup>Less 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<sup>1,2</sup>

(Thousand metric tons)

Region and State	February 2004			Year to date <sup>p</sup>		
	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 <sup>3</sup>	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 <sup>3</sup>
<b>Mid-Atlantic and New England:</b>						
New Jersey, New York, Pennsylvania	388	173	595	800	348	1,220
<b>North Central:</b>						
Illinois and Indiana	393	316	677	792	630	1,360
Iowa, Minnesota, Nebraska, Wisconsin	243	5	238	488	10	479
Michigan	166	74	205	340	153	421
Ohio	483	118	579	899	245	1,140
Total	1,290	513	1,700	2,520	1,040	3,400
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	160	74	278	355	169	583
Florida, Georgia, North Carolina, South Carolina	287	18	314	590	37	665
Total	447	91	592	945	207	1,250
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	465	50	497	932	104	1,020
Arkansas, Louisiana, Oklahoma, Texas	581	66	806	1,210	131	1,620
Total	1,050	117	1,300	2,140	235	2,640
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	334	59	385	659	120	780
Grand total	3,500	953	4,580	7,060	1,950	9,290

<sup>p</sup>Preliminary.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4  
RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1,2,3,4</sup>

(Thousand metric tons)

Item	February 2004					Year to date <sup>p</sup>				
	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	6	4	28	9	W	13	7
Cut structural and plate	45	134	76	85	29	93	266	178	190	59
No. 1 heavy melting steel	43	115	40	174	55	86	237	82	345	106
No. 2 heavy melting steel	8	193	62	152	51	15	364	128	311	102
No. 1 and electric furnace bundles	30	246	18	44	9	58	491	41	100	19
No. 2 and all other bundles	7	32	3	18	12	15	64	11	35	24
Electric furnace 1 foot and under (not bundles)	--	(5)	--	--	--	--	(5)	--	--	--
Railroad rails	W	W	1	14	W	W	W	1	25	W
Turnings and borings	24	51	22	62	7	46	97	45	131	14
Slag scrap	18	28	2	17	W	37	61	4	44	W
Shredded and fragmentized	45	158	171	281	100	99	307	354	538	201
No. 1 busheling	43	176	19	132	6	95	329	41	291	12
Steel cans (post consumer)	3	W	W	W	W	7	W	W	W	W
All other carbon steel scrap	39	68	10	34	W	80	134	20	63	W
Stainless steel scrap	52	11	--	--	--	107	22	--	--	--
Alloy steel scrap	7	W	--	W	--	14	W	--	W	--
Ingot mold and stool scrap	--	W	--	--	--	(5)	--	--	--	--
Machinery and cupola cast iron	--	--	--	W	--	--	--	--	W	--
Cast iron borings	W	W	W	8	--	W	W	W	16	--
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	20	W	1	W	W	40	W	1	W
Other mixed scrap	W	W	5	14	W	W	W	9	28	W
Total	388	1,290	447	1,050	334	800	2,520	945	2,140	659

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

<sup>1</sup>Scrap received from brokers, dealers, and other outside sources.

<sup>2</sup>A breakout of the States within each region is provided in Table 3.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

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

<sup>5</sup>Less than 1/2 unit.

TABLE 5  
CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1,2,3</sup>

(Thousand metric tons)

Item	February 2004					Year to date <sup>p</sup>				
	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	7	29	66	W	W	11
Cut structural and plate	69	142	113	96	28	140	285	260	198	56
No. 1 heavy melting steel	83	136	39	214	87	167	282	88	429	182
No. 2 heavy melting steel	14	191	74	192	52	29	390	147	387	104
No. 1 and electric furnace bundles	37	366	18	57	10	73	750	33	118	21
No. 2 and all other bundles	9	31	4	19	11	17	58	12	38	25
Electric furnace 1 foot and under (not bundles)	--	10	--	--	--	--	21	--	--	--
Railroad rails	W	W	1	15	W	9	W	1	27	W
Turnings and borings	28	59	22	73	7	56	110	38	142	15
Slag scrap	29	74	13	49	W	58	151	33	98	W
Shredded and fragmentized	79	158	208	340	107	171	299	427	673	215
No. 1 busheling	49	169	23	140	7	104	320	48	303	14
Steel cans (post consumer)	5	W	W	W	W	11	W	W	W	W
All other carbon steel scrap	65	164	45	68	W	134	334	100	139	W
Stainless steel scrap	67	20	--	--	--	140	40	--	--	--
Alloy steel scrap	19	32	--	W	--	37	66	--	W	--
Ingot mold and stool scrap	3	1	--	(4)	--	7	2	--	1	--
Machinery and cupola cast iron	--	--	--	W	--	--	--	--	W	--
Cast iron borings	W	W	W	8	--	W	W	W	18	--
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	51	W	4	W	W	101	W	6	W
Other mixed scrap	W	32	5	16	W	W	66	14	34	W
Total	595	1,700	592	1,300	385	1,220	3,400	1,250	2,640	780

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

<sup>2</sup>A breakout of the States within each region is provided in Table 3.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>4</sup>Less than 1/2 unit.

TABLE 6  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and country	January 2004		Year to date	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Aruba	1	76	1	76
Canada	86	13,400	86	13,400
Dominican Republic	(3)	40	(3)	40
Guatemala	25	4,240	25	4,240
Honduras	(3)	43	(3)	43
Mexico	38	6,070	38	6,070
Peru	32	4,690	32	4,690
Turks and Caicos Islands	(3)	39	(3)	39
Other	1	132	1	132
<b>Total</b>	<b>182</b>	<b>28,700</b>	<b>182</b>	<b>28,700</b>
<b>Africa, Europe, Middle East:</b>				
Belgium	(3)	150	(3)	150
Finland	6	7,740	6	7,740
Germany	(3)	230	(3)	230
Kenya	6	1,930	6	1,930
Netherlands	1	486	1	486
Portugal	7	886	7	886
United Arab Emirates	(3)	81	(3)	81
Other	1	316	1	316
<b>Total</b>	<b>21</b>	<b>11,800</b>	<b>21</b>	<b>11,800</b>
<b>Asia, Australia, Oceania:</b>				
China	421	82,600	421	82,600
Hong Kong	2	992	2	992
India	5	2,920	5	2,920
Japan	7	4,450	7	4,450
Korea, Republic of	86	29,200	86	29,200
Malaysia	23	2,800	23	2,800
Taiwan	7	5,080	7	5,080
Thailand	31	4,040	31	4,040
Other	1	749	1	749
<b>Total</b>	<b>583</b>	<b>133,000</b>	<b>583</b>	<b>133,000</b>
<b>Grand total</b>	<b>786</b>	<b>173,000</b>	<b>786</b>	<b>173,000</b>

<sup>1</sup>Includes 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.

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

<sup>3</sup>Less 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<sup>1,2,3</sup>

(Thousand metric tons and thousand dollars)

Region and customs district	January 2004		Year to date	
	Quantity	Value	Quantity	Value
<b>Canadian-U.S. Border:</b>				
Buffalo, NY	4	1,350	4	1,350
Detroit, MI	30	4,380	30	4,380
Duluth, MN	2	302	2	302
Ogdensburg, NY	2	861	2	861
Pembina, ND	24	3,580	24	3,580
Other <sup>4</sup>	1	262	1	262
Total	63	10,700	63	10,700
<b>East Coast:</b>				
Baltimore, MD	3	829	3	829
Boston, MA	59	8,830	59	8,830
Charleston, SC	1	837	1	837
Miami, FL	2	888	2	888
New York, NY	108	27,300	108	27,300
Norfolk, VA	29	4,480	29	4,480
Philadelphia, PA	55	8,590	55	8,590
Savannah, GA	4	2,070	4	2,070
St. Albans, VT	1	284	1	284
Wilmington, NC	1	331	1	331
Other	22	2,710	22	2,710
Total	286	57,200	286	57,200
<b>Gulf Coast and Mexican-U.S.</b>				
<b>Border (includes Caribbean territories):</b>				
Houston-Galveston, TX	10	13,100	10	13,100
Laredo, TX	6	1,080	6	1,080
San Juan, PR	7	912	7	912
Tampa, FL	68	10,200	68	10,200
Other	1	448	1	448
Total	93	25,800	93	25,800
<b>West Coast and Hawaii:</b>				
Columbia-Snake, OR	61	10,200	61	10,200
Honolulu, HI	1	629	1	629
Los Angeles, CA	133	38,000	133	38,000
San Diego, CA	9	1,340	9	1,340
San Francisco, CA	101	19,800	101	19,800
Seattle, WA	39	9,730	39	9,730
Total	344	79,600	344	79,600
Grand total	786	173,000	786	173,000

<sup>1</sup>Re-export activity for January 2004 amounted to 804 metric tons valued at \$348,000.

<sup>2</sup>Includes 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.

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

<sup>4</sup>Includes 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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	January 2004		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	108	15,100	108	15,100
No. 2 heavy melting steel	23	3,870	23	3,870
No. 1 bundles	20	2,720	20	2,720
No. 2 bundles	1	128	1	128
Shredded steel scrap	254	38,600	254	38,600
Borings, shovelings and turnings	10	1,120	10	1,120
Cut plate and structural	42	6,590	42	6,590
Tinned iron or steel	7	1,930	7	1,930
Remelting scrap ingots	1	900	1	900
Cast iron	87	16,100	87	16,100
Other iron and steel	122	21,900	122	21,900
Total carbon steel and cast iron	675	109,000	675	109,000
Stainless steel	32	39,900	32	39,900
Other alloy steel	79	24,500	79	24,500
Total stainless and alloy steel	111	64,300	111	64,300
Total carbon, stainless, alloy steel and cast iron	786	173,000	786	173,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	1	609	1	609
Total scrap exports	787	174,000	787	174,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	23	(3)	23
Pig iron > 0.5% phosphorus	8	722	8	722
Alloy pig iron	(3)	18	(3)	18
Total pig iron	8	762	8	762
Direct-reduced iron (DRI)	--	--	--	--
Spongy iron products, not DRI	(3)	114	(3)	114
Granules for abrasive cleaning and other uses	2	1,190	2	1,190
Powders of alloy steel	1	1,250	1	1,250
Other ferrous powders	5	5,270	5	5,270
Total DRI, granules, powders	8	7,830	8	7,830
Grand total	804	183,000	804	183,000

-- Zero.

<sup>1</sup>Export valuation is on a free alongside ship basis.

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

<sup>3</sup>Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 9  
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP  
BY SELECTED COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Country	January 2004		Year to date	
	Quantity	Value	Quantity	Value
Argentina	(3)	111	(3)	111
Brazil	(3)	194	(3)	194
Canada	165	35,800	165	35,800
China	(3)	154	(3)	154
Denmark	22	3,540	22	3,540
Dominican Republic	4	807	4	807
Egypt	(3)	106	(3)	106
Finland	2	5,210	2	5,210
Japan	1	162	1	162
Mexico	12	5,340	12	5,340
Netherlands	11	1,950	11	1,950
Netherlands Antilles	3	398	3	398
Suriname	3	445	3	445
United Kingdom	66	12,200	66	12,200
Venezuela	4	5,210	4	5,210
Other	2	389	2	389
Total	294	72,000	294	72,000

<sup>1</sup>Includes 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.

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

<sup>3</sup>Less 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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Customs district	January 2004		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	24	10,200	24	10,200
Charleston, SC	131	22,400	131	22,400
Detroit, MI	73	15,500	73	15,500
El Paso, TX	4	807	4	807
Laredo, TX	3	2,800	3	2,800
Mobile, AL	12	6,860	12	6,860
New Orleans, LA	4	5,040	4	5,040
Pembina, ND	2	1,090	2	1,090
San Diego, CA	3	595	3	595
Seattle, WA	32	3,530	32	3,530
Other	7	3,170	7	3,170
Total	294	72,000	294	72,000

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships.

<sup>2</sup>Data 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<sup>1, 2</sup>

(Thousand metric tons and thousand dollars)

Item	January 2004		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	32	4,630	32	4,630
No. 2 heavy melting steel	2	213	2	213
No. 1 bundles	19	3,170	19	3,170
No. 2 bundles	(3)	12	(3)	12
Shredded steel scrap	81	13,300	81	13,300
Borings, shovelings and turnings	(3)	20	(3)	20
Cut plate and structural	7	721	7	721
Tinned iron or steel	1	159	1	159
Remelting scrap ingots	(3)	9	(3)	9
Cast iron	20	2,940	20	2,940
Other iron and steel	104	17,700	104	17,700
Total carbon steel and cast iron	265	42,900	265	42,900
Stainless steel	12	16,300	12	16,300
Other alloy steel	17	12,800	17	12,800
Total stainless and alloy steel	30	29,100	30	29,100
Total carbon, stainless, alloy steel and cast iron	294	72,000	294	72,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	--	--	--	--
Total scrap imports	294	72,000	294	72,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	256	47,700	256	47,700
Pig iron > 0.5% phosphorus	--	--	--	--
Alloy pig iron	--	--	--	--
Total pig iron	256	47,700	256	47,700
Direct-reduced iron (DRI)	158	24,000	158	24,000
Spongy iron products, not DRI	(3)	105	(3)	105
Granules for abrasive cleaning and other uses	2	894	2	894
Powders of alloy steel	4	3,540	4	3,540
Other ferrous powders	4	4,450	4	4,450
Total DRI, granules, powders	167	33,000	167	33,000
Grand total	718	153,000	718	153,000

-- Zero.

<sup>1</sup>Import valuation is on a Customs basis.

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

<sup>3</sup>Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 12  
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,  
AND CONTINUOUS CAST STEEL PRODUCTION<sup>1</sup>

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date <sup>2</sup>	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

<sup>1</sup>Data are rounded to no more than three significant digits.

<sup>2</sup>Includes 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:						
February	115.91	114.08	116.21	114.37	163.07	160.49
March	120.42	118.52	121.83	119.91	163.07	160.49
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	27.18	26.75
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

NA Not available.

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