

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN JUNE 2004

On a daily average basis in June 2004, estimated consumption of iron and steel scrap was up 7% and net receipts of purchased and home scrap were up 7% compared with those of May 2004, according to the U.S. Geological Survey. Production of home scrap was up 9% and stocks of purchased and home scrap at the end of the month were up 4%. These observations are based upon responses from 60% 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 non-respondents to this survey.

On a daily average basis, pig iron production was down 3% and consumption was down 2% compared with those of May 2004. Stocks of pig iron at month's end were up 3% compared with those of May 2004.

Exports of iron and steel scrap for the month of May 2004 increased 38% from those of April 2004. Canada was the leading country of destination, accounting for 22% of the total tonnage of exports, followed by Mexico with 17% and Republic of Korea with 15% (table 6). Providence, RI, was the leading U.S. Customs district for tonnage of exports, accounting for 14% of the total, followed by New York, NY, with 11% and Los Angeles, CA, with 8% (table 7).

Imports of iron and steel scrap for May 2004 decreased 4% compared with those of April 2004. Canada was the leading country of origin, accounting for 63% of the total tonnage of imports, followed by the United Kingdom with 22% and Sweden with 11% (table 9). Detroit, MI, was the leading Customs district for tonnage of imports, accounting for 34% of the total, followed by New Orleans, LA, with 19% and Charleston, SC, with 14% (table 10).

The daily average domestic raw steel production for June 2004, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 272,000 metric tons (t), up 2% from 268,000 t in May 2004 and up 6% from 258,000 t in June 2003 (table 12). The electric furnace portion of raw steel production for June 2004 was 55%, about the same as in May 2004 and up from 51% June 2003.

Raw steel capability utilization (AISI data) in June 2004 was 94%, up from 93% of May 2004 and up from 86% of June 2003 (table 12). Continuous cast steel production in the United States accounted for 97% of total raw steel production in June 2004, down from 98% in May 2004 and about the same as in June 2003.

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

(Thousand metric tons)

	June 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	1,260	2,500	3,760	7,290	14,800	22,100
Receipts from other own company plants	W	W	172	W	W	1,010
Production recirculating scrap	638	337	975	3,780	2,030	5,810
Production obsolete scrap	13	27	40	75	161	235
<b>Consumption (by type of furnace):</b>						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	1,230	W	W	7,320
Electric furnace	W	W	3,530	W	W	21,000
Other (including air furnace) <sup>6</sup>	(5)	--	(5)	(5)	--	(5)
Total consumption	1,900	2,890	4,790	10,900	17,500	28,400
Shipments	110	11	121	611	40	651
Stocks end of month	2,250	1,910	4,160	XX	XX	XX
<b>Pig iron (includes hot metal):</b>						
Receipts	551	119	670	3,410	722	4,130
Production	W	W	2,510	W	W	15,300
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	3,120	W	W	19,000
Direct castings <sup>7</sup>	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	3,030	94	3,120	18,400	586	19,000
Shipments	(8)	(8)	(8)	(8)	(8)	(8)
Stocks end of month	W	W	300	XX	XX	XX
<b>Direct-reduced iron:<sup>9</sup></b>						
Receipts	81	5	86	492	69	561
Production	W	--	W	--	--	--
Total consumption	73	19	92	559	176	735
Shipments	--	--	--	--	--	--
Stocks end of month	124	30	155	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. June 2004 data are based on returns from 60% 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>1,2</sup>

(Thousand metric tons)

Item	June 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>
Carbon steel:							
Low-phosphorus plate and punchings	30	W	59	127	185	W	362
Cut structural and plate	363	51	425	253	2,350	398	2,706
No. 1 heavy melting steel	412	184	615	520	2,540	1,040	3,542
No. 2 heavy melting steel	480	36	539	438	2,900	210	3,187
No. 1 and electric furnace bundles	411	W	547	286	2,300	W	3,145
No. 2 and all other bundles	78	W	81	39	442	W	461
Electric furnace 1 foot and under (not bundles)	--	W	W	W	2	W	W
Railroad rails	23	W	22	30	140	W	153
Turnings and borings	175	4	181	94	990	29	1,116
Slag scrap	70	139	181	155	464	765	1,071
Shredded and fragmentized	827	W	893	631	4,770	W	5,380
No. 1 busheling	472	15	462	251	2,470	89	2,518
Steel cans (post consumer)	22	W	27	W	133	W	160
All other carbon steel scrap	138	187	350	244	907	1,120	2,129
Stainless steel scrap	68	19	94	35	408	115	565
Alloy steel scrap	11	42	53	28	67	261	320
Ingot mold and stool scrap	W	7	5	16	W	40	28
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	25	W	25	18	152	W	148
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	51	37	105	W	318	209	595
Other mixed scrap	104	26	113	577	542	167	695
Total	3,760	975	4,790	4,160	22,100	5,810	28,353

<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.

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	June 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	391	169	615	2,420	1,040	3,680
<b>North Central:</b>						
Illinois and Indiana	412	318	703	2,360	1,900	4,110
Iowa, Minnesota, Nebraska, Wisconsin	243	5	238	1,470	30	1,440
Michigan	181	87	233	1,060	496	1,340
Ohio	491	135	657	2,810	762	3,600
Total	1,330	545	1,830	7,700	3,180	10,500
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	238	64	304	1,400	413	1,810
Florida, Georgia, North Carolina, South Carolina	294	18	319	1,730	109	1,950
Total	532	82	623	3,140	521	3,760
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	513	54	567	2,960	318	3,230
Arkansas, Louisiana, Oklahoma, Texas	670	67	766	3,900	388	4,870
Total	1,180	121	1,330	6,860	706	8,100
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	331	58	385	1,990	360	2,320
Grand total	3,760	975	4,790	22,100	5,810	28,400

<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	June 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	8	3	85	26	W	38	32
Cut structural and plate	42	116	88	87	29	274	778	552	572	177
No. 1 heavy melting steel	41	122	41	170	39	259	706	262	1,030	279
No. 2 heavy melting steel	8	179	78	164	51	45	1,140	425	983	307
No. 1 and electric furnace bundles	34	278	25	66	8	186	1,590	140	332	56
No. 2 and all other bundles	7	36	6	19	10	44	186	35	111	66
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	2	--	--	--
Railroad rails	W	W	1	14	W	W	W	4	84	W
Turnings and borings	24	45	24	75	6	145	277	132	396	40
Slag scrap	18	25	8	18	W	110	168	40	140	W
Shredded and fragmentized	45	192	195	294	100	281	953	1,140	1,800	603
No. 1 busheling	48	186	19	213	6	295	992	121	1,030	37
Steel cans (post consumer)	4	W	W	W	W	22	W	W	W	W
All other carbon steel scrap	35	66	10	26	W	238	416	63	182	W
Stainless steel scrap	55	13	--	--	--	337	71	--	--	--
Alloy steel scrap	7	W	--	W	--	42	W	--	W	--
Ingot mold and stool scrap	--	--	--	--	--	(5)	--	--	--	--
Machinery and cupola cast iron	--	--	--	W	--	--	--	(5)	W	--
Cast iron borings	W	W	W	9	--	W	W	W	56	--
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	20	W	1	W	W	121	W	3	W
Other mixed scrap	W	W	5	16	W	W	W	25	85	W
Total	391	1,330	532	1,180	331	2,420	7,700	3,140	6,860	1,990

<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	June 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	15	33	W	W	5	87	197	W	W	39
Cut structural and plate	67	117	106	107	28	410	807	714	606	169
No. 1 heavy melting steel	83	183	47	215	87	496	943	284	1,300	515
No. 2 heavy melting steel	14	203	85	185	52	86	1,190	444	1,150	313
No. 1 and electric furnace bundles	40	410	21	67	10	228	2,340	135	383	59
No. 2 and all other bundles	9	34	8	19	11	52	184	36	119	70
Electric furnace 1 foot and under (not bundles)	--	10	--	--	--	--	63	--	--	--
Railroad rails	W	W	1	10	W	27	W	4	80	W
Turnings and borings	32	57	24	61	7	180	336	144	414	43
Slag scrap	29	83	17	51	W	176	479	97	314	W
Shredded and fragmentized	80	182	199	325	107	489	920	1,240	2,080	644
No. 1 busheling	54	182	22	197	7	321	983	140	1,030	42
Steel cans (post consumer)	6	W	W	W	W	33	W	W	W	W
All other carbon steel scrap	67	173	48	59	W	411	1,040	280	381	W
Stainless steel scrap	75	19	--	--	--	440	125	--	--	--
Alloy steel scrap	17	33	--	W	--	108	199	--	W	--
Ingot mold and stool scrap	3	1	--	(4)	--	20	6	--	2	--
Machinery and cupola cast iron	--	--	--	W	--	--	--	--	W	--
Cast iron borings	W	W	W	9	--	W	W	W	51	--
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	54	W	2	W	W	308	W	17	W
Other mixed scrap	W	27	7	14	W	W	179	33	92	W
Total	615	1,830	623	1,330	385	3,680	10,500	3,760	8,100	2,317

<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	May 2004		Year to date	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Bahamas, The	(3)	77	1	139
Belize	(3)	98	(3)	182
Brazil	(3)	41	1	469
Canada	321	16,900	812	88,900
Chile	(3)	37	2	154
Dominican Republic	1	698	2	1,340
Mexico	246	46,200	664	132,000
Peru	36	7,770	99	19,800
Turks and Caicos Islands	2	182	4	361
Venezuela	1	132	1	211
Other	1	108	29 <sup>r</sup>	5,000 <sup>r</sup>
Total	608	72,300	1,610	249,000
<b>Africa, Europe, Middle East:</b>				
Belgium	6	790	7	1,110
Egypt	27	6,050	27	6,050
Finland	7	10,700	25	34,900
Germany	4	4,200	6	5,330
Ireland	(3)	39	(3)	107
Italy	(3)	86	(3)	140
Kenya	6	2,270	21	9,830
Netherlands	5	6,470	6	7,580
Portugal	--	--	17	2,680
Switzerland	1	391	2	778
Turkey	37	7,710	184	30,900
United Kingdom	1	1,230	3	2,650
Other	1	421	3 <sup>r</sup>	1,840 <sup>r</sup>
Total	95	40,400	302	104,000
<b>Asia, Australia, Oceania:</b>				
China	199	58,500	1,490	378,000
Hong Kong	5	2,800	32	15,100
India	75	16,500	137	36,600
Indonesia	1	632	4	1,440
Japan	4	2,900	34	20,200
Korea, Republic of	214	50,900	912	244,000
Malaysia	39	6,280	95	16,400
Taiwan	15	7,600	74	37,400
Thailand	200	36,500	358	62,500
Vietnam	1	317	9	2,010
Other	1	201	5 <sup>r</sup>	1,060 <sup>r</sup>
Total	753	183,000	3,150	815,000
Grand total	1,460	296,000	5,070	1,170,000

<sup>r</sup>Revised; unspecified group of countries differs from that of the previous report. -- Zero.

<sup>1</sup>Includes 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.

<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	May 2004		Year to date	
	Quantity	Value	Quantity	Value
<b>Canadian-U.S. Border:</b>				
Buffalo, NY	5	1,440	34	9,510
Chicago, IL	(5)	70	5	916
Detroit, MI	26	4,000	145	22,500
Duluth, MN	4	625	24	3,200
Great Falls, MT	3	370	6	841
Ogdensburg, NY	3	531	17	4,090
Pembina, ND	54	5,830	239	30,700
Other <sup>4</sup>	(5)	30	1 <sup>r</sup>	277 <sup>r</sup>
<b>Total</b>	<b>95</b>	<b>12,900</b>	<b>470</b>	<b>72,100</b>
<b>East Coast:</b>				
Baltimore, MD	3	1,040	10	4,100
Boston, MA	69	15,100	400	72,100
Charleston, SC	6	2,940	18	9,130
Miami, FL	6	2,370	21	7,850
New York, NY	155	33,500	681	167,000
Norfolk, VA	17	4,850	103	22,000
Philadelphia, PA	13	2,860	184	33,000
Portland, ME	86	17,700	173	32,300
Providence, RI	201	38,100	201	38,100
Savannah, GA	4	2,210	23	14,600
St. Albans, VT	2	279	13	2,730
Wilmington, NC	1	286	9	2,310
Other	224	4,060	331	16,500
<b>Total</b>	<b>786</b>	<b>125,000</b>	<b>2,170</b>	<b>422,000</b>
<b>Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):</b>				
Houston-Galveston, TX	11	3,190	52	40,300
Laredo, TX	43	7,630	234	45,800
Mobile, AL	(5)	98	3	4,030
New Orleans, LA	15	21,300	29	40,800
Nogales, AZ	7	1,020	14	1,870
San Juan, PR	6	1,320	40	7,410
Tampa, FL	27	6,780	169	31,800
Virgin Islands, U.S.	9	880	9	880
Other	(5)	36	1	248
<b>Total</b>	<b>120</b>	<b>42,200</b>	<b>552</b>	<b>173,000</b>
<b>West Coast and Hawaii:</b>				
Columbia-Snake, OR	87	19,800	192	41,100
Honolulu, HI and Anchorage, AK	1	709	58	12,700
Los Angeles, CA	115	37,800	725	233,000
San Diego, CA	24	2,780	79	11,700
San Francisco, CA	114	23,900	536	119,000
Seattle, WA	114	30,500	286	82,300
<b>Total</b>	<b>454</b>	<b>115,000</b>	<b>1,880</b>	<b>500,000</b>
<b>Grand total</b>	<b>1,460</b>	<b>296,000</b>	<b>5,070</b>	<b>1,170,000</b>

<sup>r</sup>Revised; unspecified group of customs districts differs from that of the previous report.

<sup>1</sup>Re-export activity for May 2004 amounted to 7,020 metric tons valued at \$7,210,000.

<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.

<sup>5</sup>Less 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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	May 2004		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	217	43,300	780	138,000
No. 2 heavy melting steel	65	11,000	193	34,100
No. 1 bundles	38	4,100	135	18,000
No. 2 bundles	7	1,280	18	3,970
Shredded steel scrap	424	90,300	1,690	319,000
Borings, shovelings and turnings	12	1,390	83	8,220
Cut plate and structural	124	14,600	267	47,400
Tinned iron or steel	8	1,930	45	8,780
Remelting scrap ingots	1	485	3	3,060
Cast iron	106	20,000	440	88,100
Other iron and steel	132	31,500	579	120,000
Total carbon steel and cast iron	1,130	220,000	4,230	789,000
Stainless steel	41	49,800	193	219,000
Other alloy steel	282	26,100	643	159,000
Total stainless and alloy steel	323	76,000	836	378,000
Total carbon, stainless, alloy steel and cast iron	1,460	296,000	5,070	1,170,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	16	2,620
Used rails for rerolling and other uses	7	2,940	15	6,440
Total scrap exports	1,460	299,000	5,100	1,180,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	52	2	557
Pig iron > 0.5% phosphorus	--	--	10	912
Alloy pig iron	(3)	87	1	161
Total pig iron	1	138	13	1,630
Direct-reduced iron (DRI)	--	--	(3)	33
Spongy iron products, not DRI	(3)	120	1	715
Granules for abrasive cleaning and other uses	3	1,870	12	8,370
Powders of alloy steel	1	985	5	6,000
Other ferrous powders	5	6,670	22	28,500
Total DRI, granules, powders	9	9,650	40	43,600
Grand total	1,470	309,000	5,150	1,220,000

-- 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	May 2004		Year to date	
	Quantity	Value	Quantity	Value
Argentina	(3)	171	(3)	647
Bahamas, The	(3)	23	2	118
Belgium	1	7,570	3	14,600
Brazil	(3)	111	3	981
Canada	226	40,200	1,030	223,000
China	(3)	6	1	918
Colombia	(3)	101	1	950
Dominican Republic	4	807	23	5,180
Egypt	(3)	77	(3)	375
Finland	(3)	3	2	5,240
Germany	(3)	21	3	449
Mexico	8	3,900	59	28,600
Netherlands	(3)	65	34	12,500
Sweden	40	11,100	197	43,500
Trinidad and Tobago	1	399	1	399
United Kingdom	78	29,300	460	117,000
Venezuela	(3)	279	7	6,710
Other	1	156	71 <sup>r</sup>	14,000 <sup>r</sup>
Total	359	94,200	1,890	475,000

<sup>r</sup>Revised; unspecified group of countries differs from that of the previous report.

<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	May 2004		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	30	9,840	156	62,900
Charleston, SC	51	21,300	510	119,000
Chicago, Il	21	495	23	1,520
Detroit, MI	121	22,400	490	97,000
Great Falls, MT	2	437	10	1,640
Mobile, AL	4	807	40	11,400
New Orleans, LA	68	26,500	334	102,000
Pembina, ND	4	1,060	20	6,600
San Diego, CA	4	897	21	4,190
Seattle, WA	44	4,740	216	26,800
Other	8	5,690	73 <sup>r</sup>	42,100 <sup>r</sup>
Total	359	94,200	1,890	475,000

<sup>r</sup>Revised; unspecified group of customs districts differs from that of the previous report.

<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.

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	May 2004		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	3	282	66	8,590
No. 2 heavy melting steel	1	130	12	1,680
No. 1 bundles	62	12,300	178	34,800
No. 2 bundles	--	--	1	95
Shredded steel scrap	86	21,100	602	127,000
Borings, shoveling and turnings	3	259	7	576
Cut plate and structural	10	1,210	60	9,390
Tinned iron or steel	1	138	3	898
Remelting scrap ingots	(3)	27	(3)	125
Cast iron	28	4,620	131	21,700
Other iron and steel	116	39,700	639	152,000
Total carbon steel and cast iron	311	79,800	1,700	357,000
Stainless steel	9	9,370	69	82,600
Other alloy steel	39	5,090	123	35,500
Total stainless and alloy steel	48	14,500	193	118,000
Total carbon, stainless, alloy steel and cast iron	359	94,200	1,890	475,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	4	4,720	27	11,000
Total scrap imports	363	98,900	1,920	486,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	292	61,400	1,550	303,000
Pig iron > 0.5% phosphorus	31	6,490	59	12,100
Alloy pig iron	--	--	--	--
Total pig iron	322	67,900	1,610	315,000
Direct-reduced iron (DRI)	126	22,700	900	130,000
Spongy iron products, not DRI	(3)	61	(3)	378
Granules for abrasive cleaning and other uses	1	698	7	3,980
Powders of alloy steel	5	4,810	24	22,200
Other ferrous powders	12	5,870	29	25,300
Total DRI, granules, powders	144	34,100	960	182,000
Grand total	829	201,000	4,490	984,000

-- 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:						
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
May	8,310	40,200	92.9	91.5	97.7	97.1
June	8,170	48,300	94.4	91.9	96.8	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:						
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	163.07	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	122.93	120.99	120.92	119.01	180.99	178.13
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
May	170.55	167.86	161.25	158.70	NA	NA
June	165.00	162.39	160.33	157.80	NA	NA

NA Not available.

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