Mineral Industry Surveys

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IRON AND STEEL SCRAP IN DECEMBER 2004

On a daily average basis in December 2004, estimated consumption of iron and steel scrap was down 3% and net receipts of purchased and home scrap were down 40% compared with those of November 2004, according to the U.S. Geological Survey. Consumption during 2004 was slightly greater than that during 2003. Consumption during the fourth quarter of 2004 was 3% less than that during the fourth quarter of 2003. Production of home scrap was down less than 1% and stocks of purchased and home scrap at the end of the month were up 2% compared with those of November 2004. These observations are based upon responses from 56% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 48% 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 less than 1% and consumption was up less than 1% compared with those of November 2004. Stocks of pig iron at month's end were up 3% compared with those of November 2004.

Exports of iron and steel scrap for the month of November 2004 decreased 4% from those of October 2004. Canada was the leading country of destination, accounting for 25% of the total tonnage of exports, followed by China with 16% and Mexico with 13% (table 6). New York, NY, was the leading U.S. Customs district for tonnage of exports, accounting for 21% of the total, followed by Los Angeles, CA, with 17% and San Francisco, CA, with 9% (table 7).

Imports of iron and steel scrap for November 2004 decreased 9% compared with those of October 2004. Canada was the leading country of origin, accounting for 56% of the total tonnage of imports, followed by the United Kingdom with 16% and the Netherlands with 9% (table 9). Detroit, MI, was the leading Customs district for tonnage of imports, accounting for 28% of the total, followed by New Orleans, LA, with 23% and Buffalo, NY, with 13% (table 10).

The daily average domestic raw steel production for December 2004, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 262,000 metric tons (t), down 4% from 272,000 in November 2004 and up 6% from 246,000 t in December 2003 (table 12). The electric furnace portion of raw steel production for December 2004 was 53%, down from 55% in November 2004 and up from 48% in December 2003.

Raw steel capability utilization (AISI data) in December 2004 was 92%, down from 95% in November 2004 and up from 82% in December 2003 (table 12). Continuous cast steel production in the United States accounted for 97% of total raw steel production in December 2004, about the same as in November 2004 and December 2003.

TABLE 1

IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS[1, 2]

(Thousand metric tons)

	December 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	1,160	2,290	3,450	14,800	29,700	44,500
Receipts from other own company plants	W	W	178	W	W	2,080
Production recirculating scrap	572	327	900	7,330	4,020	11,300
Production obsolete scrap	10	27	37	176	320	497
Consumption (by type of furnace):						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	1,060	W	W	14,100
Electric furnace	W	W	3,320	W	W	41,900
Other (including air furnace)[6]	(5)	--	(5)	(5)	--	(5)
Total consumption	1,660	2,710	4,380	21,400	34,600	56,100
Shipments	118	11	129	1,320	87	1,400
Stocks end of month	2,510	2,310	4,820	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	412	194	605	6,540	1,780	8,320
Production	W	W	2,730	W	W	30,900
Consumption (by type of furnace):						
Basic oxygen process	W	W	3,210	W	W	38,000
Direct castings[7]	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	3,080	133	3,210	36,700	1,260	38,000
Shipments	(8)	(8)	(8)	(8)	(8)	(8)
Stocks end of month	W	W	655	XX	XX	XX
Direct-reduced iron:[9]						
Receipts	72	27	99	1,060	103	1,160
Production	W	W	W	--	--	--
Total consumption	121	20	141	1,180	227	1,400
Shipments	--	--	--	27	--	27
Stocks end of month	93	34	126	XX	XX	XX

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

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

[2]Includes manufacturers of raw steel that also produce steel castings. December 2004 data are based on returns from 56% of monthly respondents, representing 48% of scrap consumption during this month, and estimates for nonrespondents of this survey.

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

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

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

[6]Includes vacuum melting furnaces and miscellaneous uses.

[7]Includes ingot molds and stools.

[8]Withheld to avoid disclosing company proprietary data.

[9]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[1, 2]

(Thousand metric tons)

Item	December 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	24	W	51	136	341	W	700
Cut structural and plate	372	51	397	318	4,590	703	5,200
No. 1 heavy melting steel	345	174	520	576	4,730	2,090	6,780
No. 2 heavy melting steel	411	31	492	462	5,760	405	6,250
No. 1 and electric furnace bundles	369	W	482	330	4,630	W	6,230
No. 2 and all other bundles	69	W	70	51	895	W	931
Electric furnace 1 foot and under (not bundles)	4	W	W	W	143	W	W
Railroad rails	17	W	21	19	243	W	294
Turnings and borings	150	5	171	116	1,980	54	2,160
Slag scrap	67	123	154	136	830	1,510	2,030
Shredded and fragmentized	797	W	931	813	10,200	W	11,200
No. 1 busheling	456	14	441	415	5,180	181	5,110
Steel cans (post consumer)	22	W	26	W	265	W	318
All other carbon steel scrap	139	141	278	292	1,710	2,100	3,920
Stainless steel scrap	65	18	98	30	787	228	1,130
Alloy steel scrap	11	43	50	30	132	518	628
Ingot mold and stool scrap	W	7	5	16	W	80	56
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	18	W	19	30	299	W	280
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	50	37	100	W	703	397	1,210
Other mixed scrap	64	29	65	607	1,100	350	1,370
Total	3,450	900	4,380	4,820	44,500	11,300	56,100

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

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

[2]Includes manufacturers of raw steel that also produce steel castings.

[3]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[1, 2]

(Thousand metric tons)

Region and State	December 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	399	170	609	4,780	2,060	7,290
North Central:						
Illinois and Indiana	324	287	574	4,530	3,710	7,940
Iowa, Minnesota, Nebraska, Wisconsin	245	5	238	2,940	60	2,880
Michigan	156	66	135	2,080	961	2,430
Ohio	498	131	669	6,000	1,470	7,480
Total	1,220	489	1,620	15,600	6,200	20,700
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	178	58	260	2,730	784	3,550
Florida, Georgia, North Carolina, South Carolina	313	14	329	3,710	194	3,970
Total	491	72	589	6,440	978	7,520
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	439	49	498	5,850	616	6,340
Arkansas, Louisiana, Oklahoma, Texas	624	62	773	8,000	771	9,650
Total	1,060	111	1,270	13,900	1,390	16,000
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	274	58	292	3,880	720	4,550
Grand total	3,450	900	4,380	44,500	11,300	56,100

[p]Preliminary.
[1]Data are rounded to no more than three significant digits; may not add to totals shown.
[2]Includes manufacturers of raw steel that also produce steel castings.
[3]Includes 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	December 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	13	4	W	4	1	168	53	W	68	45
Cut structural and plate	44	116	88	94	29	541	1,480	1,070	1,150	353
No. 1 heavy melting steel	41	99	36	148	21	515	1,430	479	1,810	500
No. 2 heavy melting steel	8	150	56	145	51	91	2,260	829	1,970	614
No. 1 and electric furnace bundles	32	243	15	72	7	379	3,140	264	743	102
No. 2 and all other bundles	8	29	8	17	8	90	375	76	229	125
Electric furnace 1 foot and under (not bundles)	--	(5)	--	4	--	--	6	--	137	--
Railroad rails	W	W	--	8	W	W	W	4	134	W
Turnings and borings	25	41	23	54	6	293	548	279	777	79
Slag scrap	18	27	8	13	W	221	330	86	181	W
Shredded and fragmentized	42	185	199	269	101	551	2,070	2,520	3,830	1,230
No. 1 busheling	48	189	16	198	6	569	2,080	250	2,210	73
Steel cans (post consumer)	4	W	W	W	W	44	W	W	W	W
All other carbon steel scrap	44	72	4	18	W	486	839	94	279	W
Stainless steel scrap	56	10	--	--	--	649	138	--	--	--
Alloy steel scrap	6	W	--	W	--	82	W	--	W	--
Ingot mold and stool scrap	--	--	--	--	--	1	--	--	--	--
Machinery and cupola cast iron	(5)	--	(5)	W	--	(5)	--	1	W	--
Cast iron borings	W	W	W	5	--	W	W	W	100	(5)
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	16	W	1	W	W	265	W	11	W
Other mixed scrap	W	W	5	8	W	W	W	56	188	W
Total	399	1,220	491	1,060	274	4,780	15,600	6,440	13,900	3,880

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

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

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

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

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

[5]Less 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	December 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	--	173	394	W	W	61
Cut structural and plate	67	117	103	81	28	807	1,510	1,370	1,170	338
No. 1 heavy melting steel	81	150	42	191	57	983	1,930	527	2,350	997
No. 2 heavy melting steel	14	185	58	183	52	172	2,350	866	2,240	627
No. 1 and electric furnace bundles	38	349	16	71	8	463	4,580	293	788	109
No. 2 and all other bundles	9	28	8	19	8	106	370	77	248	131
Electric furnace 1 foot and under (not bundles)	--	3	--	4	--	--	90	--	139	--
Railroad rails	W	W	--	10	W	54	W	4	151	W
Turnings and borings	30	50	24	63	5	353	655	280	787	84
Slag scrap	29	64	18	41	W	353	902	215	554	W
Shredded and fragmentized	78	175	222	348	107	961	2,000	2,630	4,340	1,310
No. 1 busheling	50	190	13	181	7	626	2,050	250	2,100	84
Steel cans (post consumer)	6	W	W	W	W	67	W	W	W	W
All other carbon steel scrap	73	115	37	50	W	821	1,920	490	651	W
Stainless steel scrap	75	23	--	--	--	872	253	--	--	--
Alloy steel scrap	16	31	--	W	--	206	396	--	W	--
Ingot mold and stool scrap	3	1	--	(4)	--	40	12	--	4	--
Machinery and cupola cast iron	(4)	--	(4)	W	--	(4)	--	--	W	--
Cast iron borings	W	W	W	6	--	W	W	W	102	--
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	47	W	2	W	W	598	W	36	W
Other mixed scrap	W	28	8	13	W	W	360	68	189	W
Total	609	1,620	589	1,270	292	7,290	20,700	7,520	16,000	4,550

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

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

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

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

[4]Less 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	November 2004		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Belize	(3)	38	(3)	395
Brazil	(3)	26	2	732
Canada	288	21,700	2,060	218,000
Colombia	(3)	41	3	376
Costa Rica	(3)	7	(3)	95
Guatemala	(3)	4	30	5,640
Jamaica	(3)	17	(3)	77
Mexico	154	34,600	1,400	284,000
Peru	--	--	161	33,900
Suriname	(3)	22	(3)	139
Venezuela	(3)	68	4	642
Other	1	9	19	4,030
Total	443	56,500	3,670	547,000
Africa, Europe, Middle East:				
Belgium	10	615	23	2,920
Egypt	--	--	55	12,100
Finland	8	9,830	66	90,700
Germany	(3)	447	17	7,460
Italy	74	21,200	150	40,400
Kenya	6	2,210	53	22,700
Netherlands	1	842	14	15,300
Portugal	--	--	22	4,030
Slovenia	20	4,950	21	5,160
Sweden	(3)	532	1	2,090
Switzerland	(3)	60	3	1,120
Turkey	129	31,300	596	128,000
Ukraine	(3)	17	(3)	17
United Arab Emirates	(3)	88	5	1,430
United Kingdom	(3)	319	24	7,600
Other	2	15	10	8,190
Total	249	72,500	1,060	349,000
Asia, Australia, Oceania:				
Bangladesh	(3)	107	6	1,070
China	183	78,300	2,790	843,000
Hong Kong	6	4,200	68	37,900
India	2	2,060	255	76,000
Indonesia	9	2,540	33	9,550
Japan	6	2,780	92	39,500
Korea, Republic of	104	27,700	1,660	445,000
Malaysia	70	15,800	357	69,400
Pakistan	(3)	28	3	675
Philippines	(3)	13	1	130
Singapore	5	3,010	14	4,550
Taiwan	12	6,490	181	87,200
Thailand	68	14,800	716	142,000
Vietnam	(3)	63	13	3,680
Other	1	--	1	355
Total	466	158,000	6,190	1,760,000
Grand total	1,160	287,000	10,900	2,660,000

[1]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.

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

[3]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[1, 2, 3]

(Thousand metric tons and thousand dollars)

Region and customs district	November 2004		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	15	4,740	103	27,300
Chicago, IL	2	2,700	8	4,260
Detroit, MI	25	6,020	306	55,700
Duluth, MN	3	1,420	41	7,620
Great Falls, MT	2	359	20	2,740
Ogdensburg, NY	8	1,460	58	11,600
Pembina, ND	35	5,210	477	72,400
Other[5]	(4)	9	1	713
Total	91	21,900	1,010	182,000
East Coast:				
Baltimore, MD	2	1,790	17	8,600
Boston, MA	75	21,900	751	166,000
Charleston, SC	3	2,310	79	19,500
Miami, FL	2	2,390	41	16,300
New York, NY	245	74,100	1,670	455,000
Norfolk, VA	3	2,110	131	37,300
Philadelphia, PA	32	6,730	396	85,800
Portland, ME	38	11,000	288	60,700
Providence, RI	--	--	252	48,800
Savannah, GA	6	3,890	59	32,500
St. Albans, VT	7	1,410	48	9,330
Wilmington, NC	2	525	20	5,540
Other[5]	192	2,540	1,010	36,300
Total	607	131,000	4,770	982,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	(4)	55	3	564
Houston-Galveston, TX	11	2,070	113	79,000
Laredo, TX	29	7,360	390	81,800
New Orleans, LA	2	1,180	63	88,700
Nogales, AZ	(4)	63	20	2,940
San Juan, PR	1	233	76	14,400
Tempa, FL	34	8,490	289	57,300
Other	(4)	38	13	5,170
Total	77	19,500	967	330,000
West Coast and Hawaii:				
Columbia-Snake, OR	10	4,020	366	88,500
Honolulu, HI and Anchorage, AK	1	368	125	28,800
Los Angeles, CA	197	66,100	1,870	584,000
San Diego, CA	23	2,590	157	22,600
San Francisco, CA	109	25,700	1,080	266,000
Seattle, WA	44	15,800	584	173,000
Total	383	115,000	4,180	1,160,000
Grand total	1,160	287,000	10,900	2,660,000

[1]Re-export activity for November 2004 amounted to 258 metric tons valued at $101,000.
[2]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.
[3]Data are rounded to no more than three significant digits; may not add to totals shown.
[4]Less than 1/2 unit.
[5]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[1, 2]

(Thousand metric tons and thousand dollars)

Item	November 2004		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	214	53,800	1,850	379,000
No. 2 heavy melting steel	33	7,220	380	74,100
No. 1 bundles	23	2,610	252	32,800
No. 2 bundles	(3)	41	39	6,750
Shredded steel scrap	288	68,100	3,420	705,000
Borings, shovelings and turnings	28	2,170	187	17,900
Cut plate and structural	79	19,100	517	109,000
Tinned iron or steel	2	631	79	17,800
Remelting scrap ingots	1	374	6	5,890
Cast iron	110	25,200	937	189,000
Other iron and steel	89	27,200	1,160	269,000
Total carbon steel and cast iron	867	206,000	8,830	1,810,000
Stainless steel	34	42,300	438	499,000
Other alloy steel	256	38,100	1,660	353,000
Total stainless and alloy steel	290	80,400	2,100	852,000
Total carbon, stainless, alloy steel and cast iron	1,160	287,000	10,900	2,660,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	45	16	2,660
Used rails for rerolling and other uses	1	302	35	15,000
Total scrap exports	1,160	287,000	11,000	2,670,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	266	11	2,780
Pig iron > 0.5% phosphorus	8	675	20	1,760
Alloy pig iron	1	155	5	1,010
Total pig iron	10	1,100	36	5,550
Direct-reduced iron (DRI)	(3)	23	13	1,350
Spongy iron products, not DRI	(3)	90	3	2,290
Granules for abrasive cleaning and other uses	2	2,310	25	18,900
Powders of alloy steel	1	1,130	11	14,900
Other ferrous powders	5	6,860	51	68,400
Total DRI, granules, powders	9	10,400	103	106,000
Grand total	1,180	299,000	11,100	2,790,000

-- Zero.

[1]Export valuation is on a free alongside ship basis.

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

[3]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[1, 2]

(Thousand metric tons and thousand dollars)

Country	November 2004		Year to date	
	Quantity	Value	Quantity	Value
Australia	(3)	23	(3)	23
Bahamas, The	(3)	20	4	243
Canada	223	60,600	2,340	536,000
China	(3)	17	2	1,080
Denmark	27	8,280	138	31,600
Dominican Republic	4	921	76	16,300
Ecuador	(3)	40	1	712
Egypt	(3)	57	1	872
Germany	2	105	7	1,080
Guatemala	(3)	64	(3)	376
Jamaica	(3)	21	(3)	21
Japan	(3)	37	2	686
Mexico	9	4,760	118	54,300
Netherlands	36	13,200	247	79,100
Netherlands Antilles	--	--	17	1,630
Panama	(3)	10	(3)	239
Russia	--	--	26	8,500
Sweden	33	7,570	264	59,500
Trinidad and Tobago	(3)	215	1	1060
United Kingdom	65	26,400	1,020	300,000
Venezuela	(3)	332	9	8,260
Other	1	103	24	28,200
Total	400	123,000	4,290	1,130,000

[1]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.
[2]Data are rounded to no more than three significant digits; may not add to totals shown.
[3]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[1, 2]

(Thousand metric tons and thousand dollars)

Customs district	November 2004		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	52	18,800	409	162,000
Charleston, SC	38	13,300	999	270,000
Detroit, MI	112	30,900	1,130	249,000
Duluth, MN	4	1,180	22	5,920
El Paso, TX	3	860	29	7,890
Laredo, TX	3	2,760	31	25,500
Mobile, AL	36	13,100	192	48,600
New Orleans, LA	93	30,000	741	229,000
Pembina, ND	9	2,460	68	20,600
Seattle, WA	42	5,710	473	56,500
Other	8	3,740	194	54,000
Total	400	123,000	4,290	1,130,000

[1]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.
[2]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[1, 2]

(Thousand metric tons and thousand dollars)

Item	November 2004		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	7	1,240	112	19,700
No. 2 heavy melting steel	3	505	25	3,550
No. 1 bundles	132	48,700	819	217,000
No. 2 bundles	--	--	1	98
Shredded steel scrap	87	20,500	1,240	274,000
Borings, shovelings and turnings	9	948	53	5,170
Cut plate and structural	14	2,570	117	18,800
Tinned iron or steel	1	208	9	1,930
Remelting scrap ingots	(3)	41	1	820
Cast iron	33	7,990	318	58,800
Other iron and steel	84	22,500	1,200	310,000
Total carbon steel and cast iron	368	105,000	3,890	909,000
Stainless steel	9	10,900	129	149,000
Other alloy steel	22	6,790	271	71,300
Total stainless and alloy steel	31	17,700	400	220,000
Total carbon, stainless, alloy steel and cast iron	400	123,000	4,290	1,130,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	6	5,700	115	39,300
Total scrap imports	406	128,000	4,410	1,170,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1,140	208,000	5,810	1,200,000
Pig iron > 0.5% phosphorus	--	--	124	29,200
Alloy pig iron	--	--	--	--
Total pig iron	1,140	208,000	5,930	1,230,000
Direct-reduced iron (DRI)	178	33,400	2,290	427,000
Spongy iron products, not DRI	37	12,800	132	43,400
Granules for abrasive cleaning and other uses	1	755	14	8,550
Powders of alloy steel	5	5,520	54	52,500
Other ferrous powders	7	7,170	78	64,200
Total DRI, granules, powders	228	59,600	2,570	596,000
Grand total	1,780	396,000	12,900	2,990,000

-- Zero.

[1]Import valuation is on a Customs basis.

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

[3]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[1]

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:						
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
July	8,310	57,100	93.5	92.7	97.4	97.1
August	8,450	65,600	95.0	93.0	94.4	96.3
September	8,380	74,000	97.3	93.5	97.3	97.1
October	8,660	82,600	97.5	93.9	95.9	96.0
November	8,160	90,700	94.8	93.9	97.2	97.2
December	8,130	98,900	91.5	93.8	96.7	97.1

[1]Data are rounded to no more than three significant digits.
[2]Year-to-date may include 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:						
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
July	215.30	211.90	214.96	211.56	NA	NA
August	240.38	236.58	225.96	222.40	NA	NA
September	205.17	201.93	198.78	195.64	NA	NA
October	237.37	233.62	235.83	232.11	NA	NA
November	251.67	247.70	250.67	246.71	NA	NA
December	218.38	214.93	209.39	206.08	NA	NA

NA Not available.

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