Mineral Industry Surveys

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IRON AND STEEL SCRAP IN OCTOBER 2005

On a daily average basis in October 2005, estimated consumption of iron and steel scrap and net receipts of purchased and home scrap were about the same as those of September 2005, according to the U.S. Geological Survey. Production of home scrap was down 1% and stocks of purchased and home scrap at the end of the month were up 3% compared with those of September 2005. These observations are based upon responses from 58% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 49% 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 2% and consumption was up 2% compared with those of September 2005. Stocks of pig iron at month's end were down 3% compared with those of September 2005.

Exports of iron and steel scrap for the month of September 2005 decreased 22% from those of August 2005. China was the leading country of destination, accounting for 26% of the total tonnage of exports, followed by Turkey, with 22%, and Canada, with 15% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 24% of the total, followed by New York, NY, with 14%, and Laredo, TX, with 9% (table 7).

Imports of iron and steel scrap for September 2005 increased 23% compared with those of August 2005. Canada was the leading country of origin, accounting for 70% of the total tonnage of imports, followed by United Kingdom, with 23% and Mexico with 4% (table 9). Detroit, MI, was the leading U.S. Customs District for tonnage of imports, accounting for 36% of the total, followed by Charleston, SC, with 23%, and Seattle, WA, with 19% (table 10).

The daily average domestic raw steel production for October 2005, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 264,000 metric tons (t), up 2% from 259,000 t in September 2005 and down 5% from 279,000 t in October 2004 (table 12). The electric furnace portion of raw steel production for October 2005 was 58%, up from 57% in September 2005 and up from 56% in October 2004.

Raw steel production capability utilization (AISI data) in October 2005 was 89%, up from 86% in September 2005 and down from 98% in October 2004 (table 12). Continuous cast steel production in the United States accounted for 97% of total raw steel production in October 2005, and up from 96% in September 2005 and up from 96% in October 2004.

TABLE 1

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

(Thousand metric tons)

	October 2005			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	1,200	2,550	3,750	10,900	24,300	35,200
Receipts from other own company plants	W	W	184	W	W	1,870
Production recirculating scrap	582	330	912	5,680	3,320	9,000
Production obsolete scrap	9	27	36	94	272	366
Consumption (by type of furnace):						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	1,200	W	W	10,500
Electric furnace	W	W	3,450	W	W	34,700
Other (including air furnace)[6]	(5)	--	(5)	(5)	--	(5)
Total consumption	1,760	2,900	4,660	16,500	28,800	45,300
Shipments	110	17	127	1,110	145	1,260
Stocks end of month	2,240	2,260	4,500	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	459	108	567	4,260	1,490	5,750
Production	W	W	2,630	W	W	25,800
Consumption (by type of furnace):						
Basic oxygen process	W	W	3,150	W	W	30,500
Direct castings[7]	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	3,050	98	3,150	29,400	1,160	30,500
Shipments	(8)	(8)	(8)	(8)	(8)	(8)
Stocks end of month	W	W	712	XX	XX	XX
Direct-reduced iron:[9]						
Receipts	99	45	144	967	372	1,340
Production	W	W	W	--	--	--
Total consumption	121	27	148	1,130	299	1,430
Shipments	--	--	--	--	--	--
Stocks end of month	209	69	278	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. October 2005 data are based on returns from 58% of monthly respondents, representing 49% 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)

	October 2005				Year to date[p]		
Item	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	29	W	58	130	261	W	554
Cut structural and plate	356	54	405	259	3,430	543	4,010
No. 1 heavy melting steel	352	178	529	469	3,470	1,750	5,290
No. 2 heavy melting steel	467	31	511	456	4,690	313	5,050
No. 1 and electric furnace bundles	385	W	503	305	3,510	W	4,750
No. 2 and all other bundles	64	W	72	37	664	W	704
Electric furnace 1 foot and under (not bundles)	7	W	W	W	65	W	W
Railroad rails	17	W	24	17	230	W	278
Turnings and borings	181	3	191	100	1,600	38	1,760
Slag scrap	73	123	173	166	690	1,200	1,630
Shredded and fragmentized	893	W	954	697	7,750	277	9,090
No. 1 busheling	440	17	440	352	4,290	171	4,430
Steel cans (post consumer)	22	W	26	W	214	W	259
All other carbon steel scrap	125	137	280	289	1,260	1,370	2,700
Stainless steel scrap	69	18	94	38	606	181	873
Alloy steel scrap	10	42	51	32	111	424	521
Ingot mold and stool scrap	W	7	5	16	W	67	50
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	30	W	30	21	240	W	245
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	53	42	97	W	499	328	947
Other mixed scrap	171	36	201	651	1,650	368	2,010
Total	3,750	912	4,660	4,500	35,200	9,000	45,300

[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	October 2005			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	404	169	621	3,980	1,680	6,070
North Central:						
Illinois and Indiana	350	287	603	3,360	2,870	5,930
Iowa, Minnesota, Nebraska, Wisconsin	238	5	233	2,440	50	2,380
Michigan	174	60	146	1,570	581	1,360
Ohio	470	139	642	4,740	1,290	6,080
Total	1,230	492	1,620	12,100	4,790	15,800
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	224	57	298	2,040	571	2,870
Florida, Georgia, North Carolina, South Carolina	308	19	368	2,800	189	3,350
Total	532	76	666	4,850	760	6,220
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	510	52	589	4,630	507	5,430
Arkansas, Louisiana, Oklahoma, Texas	713	65	762	6,260	682	7,810
Total	1,220	116	1,350	10,900	1,190	13,200
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	355	59	395	3,410	577	3,970
Grand total	3,750	912	4,660	35,200	9,000	45,300

[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)

	October 2005					Year to date[p]				
Item	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	7	3	141	44	W	49	21
Cut structural and plate	47	118	81	84	26	445	1,160	845	726	256
No. 1 heavy melting steel	43	108	35	148	18	408	1,070	343	1,480	174
No. 2 heavy melting steel	8	170	67	175	47	75	1,860	623	1,660	473
No. 1 and electric furnace bundles	29	259	24	66	7	363	2,330	183	585	57
No. 2 and all other bundles	7	28	4	17	8	73	302	47	167	75
Electric furnace 1 foot and under (not bundles)	--	(5)	--	7	--	--	(5)	--	64	--
Railroad rails	W	W	--	8	W	W	W	49	94	W
Turnings and borings	26	51	25	71	8	254	456	175	641	71
Slag scrap	18	26	8	19	W	184	239	78	179	W
Shredded and fragmentized	50	175	211	368	90	457	1,620	1,850	2,970	856
No. 1 busheling	58	146	29	204	2	545	1,690	236	1,790	23
Steel cans (post consumer)	4	W	W	W	W	36	W	W	W	W
All other carbon steel scrap	30	65	6	23	W	362	614	45	225	W
Stainless steel scrap	56	13	--	--	--	482	124	--	(5)	--
Alloy steel scrap	6	W	--	W	--	69	W	--	W	--
Ingot mold and stool scrap	(5)	--	--	--	--	1	--	--	--	--
Machinery and cupola cast iron	--	--	(5)	W	--	--	--	3	W	--
Cast iron borings	W	W	W	8	5	W	W	W	68	19
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	16	W	2	W	W	164	W	12	W
Other mixed scrap	W	W	4	13	W	W	W	31	148	W
Total	404	1,230	532	1,220	355	3,980	12,100	4,850	10,900	3,410

[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 ½ unit.

TABLE 5

CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS[1, 2, 3]

(Thousand metric tons)

	October 2005					Year to date[p]				
Item	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	3	145	328	W	W	24
Cut structural and plate	71	117	113	79	24	671	1,170	1,110	815	243
No. 1 heavy melting steel	83	173	47	181	45	817	1,630	418	1,910	504
No. 2 heavy melting steel	14	182	74	192	48	144	1,820	704	1,900	484
No. 1 and electric furnace bundles	42	352	22	79	6	427	3,340	190	729	60
No. 2 and all other bundles	9	34	4	18	8	86	314	43	180	80
Electric furnace 1 foot and under (not bundles)	--	3	--	9	--	--	32	--	79	--
Railroad rails	5	W	--	12	W	45	W	50	114	W
Turnings and borings	30	60	19	73	8	300	554	170	653	80
Slag scrap	30	76	19	47	W	295	660	185	480	W
Shredded and fragmentized	82	170	245	361	95	794	1,570	2,240	3,590	901
No. 1 busheling	64	144	30	199	3	597	1,680	241	1,880	32
Steel cans (post consumer)	5	W	4	W	W	55	W	W	W	W
All other carbon steel scrap	56	123	40	58	W	630	1,130	387	526	W
Stainless steel scrap	75	19	--	--	--	674	200	--	(4)	--
Alloy steel scrap	16	32	--	W	--	168	329	--	24	--
Ingot mold and stool scrap	3	1	--	1	--	34	10	--	6	--
Machinery and cupola cast iron	--	--	W	W	--	--	--	W	W	--
Cast iron borings	W	W	W	7	3	W	W	W	68	14
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	40	W	3	W	W	391	W	28	W
Other mixed scrap	W	33	6	17	W	W	300	44	173	W
Total	621	1,620	666	1,350	395	6,070	15,800	6,220	13,200	3,970

[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 ½ unit.

TABLE 6

U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY[1, 2]

(Thousand metric tons and thousand dollars)

	September 2005		Year to date	
Region and country	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	(3)	103	10	2,310
Canada	136	21,800	1,790	203,000
Colombia	(3)	(3)	26	6,190
Dominican Republic	(3)	3	1	160
Ecuador	(3)	31	(3)	62
El Salvador	(3)	(3)	(3)	215
Guatemala	(3)	130	(3)	202
Jamaica	(3)	(3)	1	400
Mexico	88	15,900	998	202,000
Panama	(3)	(3)	(3)	43
Suriname	(3)	(3)	1	283
Trinidad and Tobago	(3)	(3)	2	792
Venezuela	(3)	95	5	1,080
Other	1	249	48	11,300
Total	225	38,300	2,880	428,000
Africa, Europe, Middle East:				
Belgium	(3)	70	10	2,370
Egypt	(3)	(3)	102	25,100
France	(3)	323	4	2,530
Finland	7	11,100	58	89,900
Germany	(3)	363	6	2,380
Greece	20	4,090	23	4,310
Hungary	(3)	15	1	141
Ireland	(3)	13	1	480
Israel	(3)	14	(3)	237
Italy	(3)	15	102	25,000
Kenya	5	624	56	10,700
Netherlands	1	1,830	12	7,910
Qatar	(3)	(3)	31	6,560
Spain	5	5,870	13	7,520
Sweden	(3)	177	7	5,620
Tunisia	(3)	(3)	(3)	185
Turkey	195	38,800	1,150	233,000
United Arab Emirates	(3)	4	2	492
United Kingdom	1	590	8	4,560
Other	6	1,350	54	11,800
Total	242	65,300	1,640	441,000
Asia, Australia, Oceania:				
Bangladesh	3	641	20	5,070
China	236	101,000	2,700	926,000
Hong Kong	6	3,930	36	23,900
India	41	12,100	570	160,000
Indonesia	7	1,680	171	41,900
Japan	6	2,440	31	20,500
Korea, Republic of	91	27,500	892	244,000
Malaysia	24	4,590	402	97,100
Pakistan	1	357	2	1,210
Singapore	(3)	13	74	1,900
Taiwan	19	11,600	213	117,000
Thailand	2	648	320	74,000
Vietnam	1	506	16	4,900
Other	2	305	5	897
Total	440	168,000	5,450	1,720,000
Grand total	907	271,000	9,970	2,590,000

[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 ½ unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

	September 2005		Year to date	
Region and customs district	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	10	2,240	99	27,000
Chicago, IL	(4)	114	2	1,430
Cleveland, OH	(4)	13	1	306
Detroit, MI	27	5,200	340	64,100
Duluth, MN	3	611	46	4,960
Great Falls, MT	1	281	24	3,930
Mikwaukee, WI	--	--	5	1,300
Ogdensburg, NY	8	1,730	55	11,900
Pembina, ND	40	6,980	428	64,400
Other[5]	(4)	(4)	(4)	(4)
Total	88	17,200	1,000	179,000
East Coast:				
Baltimore, MD	2	1,320	31	14,500
Boston, MA	69	14,800	552	129,000
Charleston, SC	3	2,460	39	21,500
Miami, FL	4	3,760	37	29,700
New York, NY	126	40,300	1,550	428,000
Norfolk, VA	10	5,610	88	43,300
Philadelphia, PA	9	1,470	441	91,600
Providence, RI	--	--	108	25,400
Portland, ME	34	6,990	184	42,100
Savannah, GA	8	3,630	60	33,500
St. Albans, VT	10	2,180	45	9,710
Wilmington, NC	2	830	20	6,580
Other[5]	34	2,960	736	24,500
Total	311	86,300	3,890	900,000
Gulf Coast and Mexican-U.S.				
Border (includes Caribbean territories):				
El Paso, TX	(4)	46	5	1,300
Houston-Galveston, TX	5	2,230	75	40,200
Laredo, TX	83	14,900	560	108,000
Mobile, AL	1	389	7	5,070
New Orleans, LA	75	24,000	246	96,300
San Juan, PR	8	1,770	48	10,200
Tampa, FL	(4)	21	187	39,500
Other	(4)	10	1	246
Total	172	43,400	1,130	301,000
West Coast and Hawaii:				
Columbia-Snake, OR	36	8,830	242	61,600
Honolulu, HI and Anchorage, AK	28	6,250	141	34,600
Los Angeles, CA	218	81,700	2,120	680,000
San Diego, CA	4	839	65	10,500
San Francisco, CA	29	15,100	823	245,000
Seattle, WA	20	11,600	559	176,000
Total	335	124,000	3,950	1,210,000
Grand total	907	271,000	9,970	2,590,000

-- Zero.

[1]Re-export activity for September 2005 amounted to 2,196 metric tons valued at $972,813.

[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 ½ 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	September 2005 Quantity	September 2005 Value	Year to date Quantity	Year to date Value
No. 1 heavy melting steel	264	50,300	2,330	466,000
No. 2 heavy melting steel	20	4,100	263	52,900
No. 1 bundles	15	1,850	210	22,600
No. 2 bundles	5	1,020	82	20,200
Shredded steel scrap	208	43,200	3,070	680,000
Borings, shovelings and turnings	21	2,360	178	19,500
Cut plate and structural	39	8,860	321	72,800
Tinned iron or steel	8	1,660	55	17,600
Remelting scrap ingots	1	542	7	6,390
Cast iron	63	19,800	776	170,000
Other iron and steel	112	30,800	918	238,000
Total carbon steel and cast iron	756	164,000	8,220	1,770,000
Stainless steel	53	61,400	434	490,000
Other alloy steel	98	45,300	1,320	330,000
Total stainless and alloy steel	150	107,000	1,750	821,000
Total carbon, stainless, alloy steel and cast iron	907	271,000	9,970	2,590,000
Ships, boats, and other vessels for breaking up (for scrapping)	1	35	3	395
Used rails for rerolling and other uses	4	2,230	40	17,700
Total scrap exports	911	273,000	10,000	2,610,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	3	527	16	3,960
Pig iron > 0.5% phosphorus	--	--	21	1,850
Alloy pig iron	2	173	9	1,260
Total pig iron	5	700	46	7,070
Direct-reduced iron (DRI)	--	--	(3)	16
Spongy iron products, not DRI	1	407	6	2,800
Granules for abrasive cleaning and other uses	4	2,350	21	16,500
Powders of alloy steel	1	1,630	11	20,900
Other ferrous powders	5	6,860	37	56,300
Total DRI, granules, powders	10	11,200	75	96,500
Grand total	926	285,000	10,100	2,710,000

-- 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 ½ unit.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED COUNTRY[1, 2]

(Thousand metric tons and thousand dollars)

	September 2005		Year to date	
Country	Quantity	Value	Quantity	Value
Argentina	--	--	(3)	201
Bahamas, The	(3)	28	3	313
Brazil	--	--	1	774
Canada	192	37,300	1,890	399,000
Chile	--	--	(3)	271
Colombia	--	--	1	118
Dominican Republic	7	1,510	20	4,310
Ecuador	--	--	(3)	102
Egypt	--	--	1	517
El Salvador	--	--	(3)	160
France	--	--	(3)	355
Germany	(3)	13	2	95
Greece	--	--	(3)	12
Guatemala	(3)	27	(3)	416
Hong Kong	(3)	34	(3)	79
Japan	(3)	64	1	1,310
Korea, Republic of	--	--	(3)	50
Malaysia	--	--	1	175
Mexico	10	3,390	97	44,200
Netherlands	--	--	157	55,400
Panama	(3)	3	(3)	164
Russia	--	--	35	10,500
Singapore	--	--	(3)	36
Sweden	--	--	130	38,200
Trinidad and Tobago	--	--	1	645
United Arab Emirates	--	--	(3)	81
United Kingdom	64	17,700	231	66,600
Venezuela	(3)	45	1	1,380
Other	(3)	184	7	1,060
Total	273	60,300	2,580	626,000

-- Zero.

[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 ½ 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)

	September 2005		Year to date	
Customs district	Quantity	Value	Quantity	Value
Buffalo, NY	29	9,230	309	115,000
Charleston, SC	64	17,500	577	173,000
Detroit, MI	100	19,600	963	186,000
Duluth, MN	3	486	29	6,810
El Paso, TX	2	556	25	4,900
Laredo, TX	3	1,510	26	18,100
Mobile, AL	7	1,510	45	9,830
Pembina, ND	7	1,470	44	13,400
San Diego, CA	4	1,040	27	7,600
Seattle, WA	53	6,090	453	55,300
Other	3	1,310	76	35,900
Total	273	60,300	2,580	626,000

[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	September 2005		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	4	455	38	4,730
No. 2 heavy melting steel	3	436	30	4,470
No. 1 bundles	50	12,100	565	149,000
No. 2 bundles	(3)	58	8	2,840
Shredded steel scrap	36	6,870	559	123,000
Borings, shovelings and turnings	9	928	70	6,060
Cut plate and structural	43	10,200	135	23,700
Tinned iron or steel	1	488	14	2,600
Remelting scrap ingots	(3)	63	2	899
Cast iron	15	2,500	228	38,200
Other iron and steel	66	13,000	566	115,000
Total carbon steel and cast iron	228	47,100	2,220	471,000
Stainless steel	6	6,100	87	99,800
Other alloy steel	39	7,060	273	55,600
Total stainless and alloy steel	45	13,200	360	155,000
Total carbon, stainless, alloy steel and cast iron	273	60,300	2,580	626,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	142
Used rails for rerolling and other uses	20	9,530	128	47,000
Total scrap imports	292	69,800	2,700	673,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	390	90,200	4,470	1,220,000
Pig iron > 0.5% phosphorus	--	--	53	11,100
Alloy pig iron	--	--	39	9,970
Total pig iron	390	90,200	4,560	1,240,000
Direct-reduced iron (DRI)	276	24,000	1,630	280,000
Spongy iron products, not DRI	(3)	258	309	94,400
Granules for abrasive cleaning and other uses	1	973	12	9,280
Powders of alloy steel	3	5,130	40	52,900
Other ferrous powders	5	6,470	82	58,500
Total DRI, granules, powders	286	36,800	2,070	495,000
Grand total	969	197,000	9,330	2,400,000

-- 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 ½ unit.

Source: U.S. Census Bureau.

TABLE 12

U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION, AND CONTINUOUS CAST STEEL PRODUCTION[1]

	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
Period	Monthly	Year to date[2]	Monthly	Year to date	Monthly	Year to date
2004:						
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
2005:						
January	8,280	8,280	90.9	90.9	96.6	96.6
February	7,640	15,900	92.9	91.9	96.7	96.7
March	8,190	24,100	88.4	89.7	96.7	96.7
April	7,950	32,000	89.2	89.5	96.7	96.7
May	7,750	39,800	84.2	88.4	96.4	96.6
June	7,110	46,900	79.8	87.0	96.2	96.5
July	7,160	54,000	77.1	85.5	97.3	96.7
August	7,560	61,600	81.3	85.0	96.8	96.7
September	7,770	69,400	86.4	85.0	95.7	96.6
October	8,190	77,700	89.3	85.6	96.7	96.5

[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

	American Metal Market No. 1 HMS		Iron Age No. 1 HMS		Iron Age Pig Iron[1]	
Period	$/lt	$/t	$/lt	$/t	$/lt	$/t
2004:						
October	237.37	233.62	235.83	232.11	372.13	366.25
November	251.67	247.70	250.67	246.71	390.67	384.50
December	218.38	214.93	209.39	206.08	370.86	365.00
Average	213.68	210.31	208.25	204.96	334.53	329.25
2005:						
January	205.02	201.78	197.67	194.54	337.84	332.50
February	199.32	196.17	193.59	190.53	317.52	312.50
March	197.81	194.69	196.17	193.07	320.04	314.99
April	217.64	214.20	213.54	210.17	327.66	322.49
May	180.19	177.34	174.30	171.55	327.66	322.49
June	124.92	122.95	120.83	118.92	308.61	303.74
July	137.58	135.41	135.21	133.07	248.29	244.36
August	188.09	185.12	187.10	184.15	261.11	256.99
September	229.87	226.24	232.13	228.46	295.91	291.24
October	202.33	199.13	197.73	194.61	294.64	289.99

[1]Prices are Brazilian basic pig iron, F.O.B. New Orleans, LA.

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