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Mineral Industry Surveys

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IRON AND STEEL SCRAP IN SEPTEMBER 2005

On a daily average basis in September 2005, estimated consumption of iron and steel scrap was up 3% and net receipts of purchased and home scrap were up 8% compared with those of August 2005, according to the U.S. Geological Survey. Production of home scrap was up 3% and stocks of purchased and home scrap at the end of the month was about the same as those of August 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 4% compared with those of August 2005. Stocks of pig iron at month's end were down 6% compared with that of August 2005.

Exports of iron and steel scrap for the month of August 2005 increased 3% from those of July 2005. China was the leading country of destination, accounting for 43% of the total tonnage of exports, followed by Canada and Mexico with 12% each (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 21% of the total, followed by New York, NY, with 14%, and San Francisco, CA, with 12% (table 7).

Imports of iron and steel scrap for August 2005 decreased 10% compared with those of July 2005. Canada was the leading country of origin, accounting for 94% of the total tonnage of imports, followed by Mexico with 5% (table 9). Detroit, MI, was the leading U.S. Customs District for tonnage of imports, accounting for 43% of the total, followed by Seattle, WA, with 27% and Buffalo, NY, with 18% (table 10).

The daily average domestic raw steel production for September 2005, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 259,000 metric tons (t), up 6% from 244,000 t in August 2005 and down 7% from 279,000 t in September 2004 (table 12). The electric furnace portion of raw steel production for September 2005 was 57%, down from 58% in August 2005 and up from 55% in September 2004.

Raw steel capability utilization (AISI data) in September 2005 was 86%, up from 81% in August 2005 and down from 97% in September 2004 (table 12). Continuous cast steel production in the United States accounted for 96% of total raw steel production in September 2005, down from 97% in August 2005 and down from 97% in September 2004.

TABLE 1

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

(Thousand metric tons)

	September 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	1,130	2,510	3,640	9,740	21,700	31,400
Receipts from other own company plants	W	W	187	W	W	1,680
Production recirculating scrap	561	329	890	5,100	2,990	8,090
Production obsolete scrap	9	27	37	84	245	329
Consumption (by type of furnace):						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	1,170	W	W	9,280
Electric furnace	W	W	3,360	W	W	31,300
Other (including air furnace)[6]	(5)	--	(5)	(5)	--	(5)
Total consumption	1,690	2,850	4,530	14,700	24,900	40,600
Shipments	108	17	124	1,000	128	1,130
Stocks end of month	2,170	2,180	4,350	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	429	123	551	3,800	1,380	5,180
Production	W	W	2,500	W	W	23,200
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,980	W	W	27,300
Direct castings[7]	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	2,870	115	2,980	26,300	1,060	27,300
Shipments	(8)	(8)	(8)	(8)	(8)	(8)
Stocks end of month	W	W	734	XX	XX	XX
Direct-reduced iron:[9]						
Receipts	58	7	64	868	328	1,200
Production	W	W	W	--	--	--
Total consumption	106	33	140	1,010	272	1,280
Shipments	--	--	--	--	--	--
Stocks end of month	208	45	254	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. September 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)

	September 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	30	W	58	131	231	W	496
Cut structural and plate	349	53	403	226	3,080	489	3,610
No. 1 heavy melting steel	332	175	500	483	3,090	1,570	4,730
No. 2 heavy melting steel	466	31	489	463	4,220	280	4,540
No. 1 and electric furnace bundles	392	W	500	297	3,130	W	4,250
No. 2 and all other bundles	63	W	66	44	593	W	626
Electric furnace 1 foot and under (not bundles)	7	W	W	W	58	W	W
Railroad rails	18	W	24	19	213	W	255
Turnings and borings	167	3	175	96	1,410	35	1,560
Slag scrap	71	121	166	170	617	1,080	1,460
Shredded and fragmentized	818	W	935	598	6,860	249	8,130
No. 1 busheling	457	17	449	331	3,840	154	3,990
Steel cans (post consumer)	22	W	26	W	192	W	233
All other carbon steel scrap	125	135	267	291	1,140	1,240	2,430
Stainless steel scrap	63	19	93	32	538	163	785
Alloy steel scrap	15	38	47	32	101	382	470
Ingot mold and stool scrap	W	7	5	16	W	60	44
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	26	W	28	23	211	W	216
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	52	31	100	W	446	286	851
Other mixed scrap	167	35	189	643	1,480	332	1,810
Total	3,640	890	4,530	4,350	31,400	8,090	40,600

[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	September 2005: Receipts of scrap from brokers, dealers, and other outside sources	September 2005: Production of home scrap (recirculating scrap resulting from current operations)	September 2005: Consumption of purchased and home scrap[3]	Year to date[p]: Receipts of scrap from brokers, dealers, and other outside sources	Year to date[p]: Production of home scrap (recirculating scrap resulting from current operations)	Year to date[p]: Consumption of purchased and home scrap[3]
Mid-Atlantic and New England:						
New Jersey, New York, Pennsylvania	399	169	607	3,570	1,510	5,450
North Central:						
Illinois and Indiana	327	287	585	2,980	2,580	5,300
Iowa, Minnesota, Nebraska, Wisconsin	246	5	240	2,200	45	2,150
Michigan	172	55	139	1,400	521	1,210
Ohio	441	123	572	4,270	1,150	5,450
Total	1,190	471	1,540	10,900	4,300	14,100
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	205	57	284	1,820	515	2,570
Florida, Georgia, North Carolina, South Carolina	273	20	347	2,490	170	2,980
Total	478	76	631	4,300	684	5,560
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	523	50	588	4,120	455	4,840
Arkansas, Louisiana, Oklahoma, Texas	710	68	782	5,550	618	7,050
Total	1,230	118	1,370	9,670	1,070	11,900
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	342	57	387	3,050	518	3,580
Grand total	3,640	890	4,530	31,400	8,090	40,600

[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)

	September 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	13	4	W	9	3	127	39	W	42	18
Cut structural and plate	48	118	77	80	26	397	1,050	761	642	231
No. 1 heavy melting steel	42	102	32	141	15	363	938	307	1,330	156
No. 2 heavy melting steel	8	174	64	173	47	68	1,690	552	1,490	426
No. 1 and electric furnace bundles	34	252	25	76	6	334	2,060	159	520	50
No. 2 and all other bundles	7	29	4	16	7	66	268	42	150	67
Electric furnace 1 foot and under (not bundles)	--	--	--	7	--	--	(5)	--	57	--
Railroad rails	W	W	--	9	W	W	W	49	86	W
Turnings and borings	25	49	19	67	7	230	401	147	570	64
Slag scrap	18	26	8	18	W	166	212	70	160	W
Shredded and fragmentized	46	147	184	353	89	406	1,450	1,640	2,600	766
No. 1 busheling	57	145	23	230	2	483	1,550	207	1,590	21
Steel cans (post consumer)	4	W	W	W	W	32	W	W	W	W
All other carbon steel scrap	31	65	5	22	W	334	549	40	202	W
Stainless steel scrap	50	13	--	--	--	426	112	--	(5)	--
Alloy steel scrap	9	W	--	W	--	63	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	3	W	W	W	60	13
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	17	W	2	W	W	148	W	10	W
Other mixed scrap	W	W	3	15	W	W	W	27	135	W
Total	399	1,190	478	1,230	342	3,570	10,900	4,300	9,670	3,050

[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)

Item	September 2005					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	2	130	295	W	W	21
Cut structural and plate	68	118	113	79	24	600	1,050	1,000	736	219
No. 1 heavy melting steel	82	154	42	180	42	732	1,440	371	1,730	459
No. 2 heavy melting steel	14	170	67	189	48	129	1,640	629	1,710	436
No. 1 and electric furnace bundles	42	346	20	85	6	385	2,990	168	650	53
No. 2 and all other bundles	9	28	4	18	8	77	274	40	163	72
Electric furnace 1 foot and under (not bundles)	--	3	--	9	--	--	29	--	70	--
Railroad rails	5	W	--	13	W	41	W	50	101	W
Turnings and borings	29	55	19	64	8	270	490	150	580	71
Slag scrap	30	70	18	47	W	264	585	167	433	W
Shredded and fragmentized	80	144	233	383	94	710	1,400	1,990	3,230	806
No. 1 busheling	60	147	26	212	3	533	1,540	212	1,680	28
Steel cans (post consumer)	6	W	4	W	W	50	W	W	W	W
All other carbon steel scrap	58	115	38	52	W	575	1,010	347	468	W
Stainless steel scrap	70	23	--	--	--	598	186	--	(4)	--
Alloy steel scrap	17	28	--	W	--	152	297	--	22	--
Ingot mold and stool scrap	3	1	--	1	--	30	9	--	5	--
Machinery and cupola cast iron	--	--	--	W	--	--	--	W	W	--
Cast iron borings	W	W	W	7	3	W	W	W	61	11
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	44	W	3	W	W	351	W	25	W
Other mixed scrap	W	29	4	14	W	W	267	37	155	W
Total	607	1,540	631	1,370	387	5,450	14,100	5,560	11,900	3,580

[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)

Region and country	August 2005		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	(3)	(3)	10	2,200
Canada	135	23,400	1,660	181,000
Colombia	(3)	3	26	6,190
Dominican Republic	(3)	11	1	157
Ecuador	(3)	(3)	(3)	31
El Salvador	(3)	(3)	(3)	215
Guatemala	(3)	(3)	(3)	71
Jamaica	(3)	257	1	400
Mexico	142	21,500	910	186,000
Panama	(3)	(3)	(3)	43
Suriname	(3)	20	1	283
Trinidad and Tobago	(3)	13	2	792
Venezuela	(3)	106	5	985
Other	(3)	132	48	11,100
Total	278	45,500	2,660	390,000
Africa, Europe, Middle East:				
Belgium	1	464	10	2,300
Egypt	40	8,090	102	25,100
France	(3)	1,110	4	2,200
Finland	6	8,250	51	78,700
Germany	1	136	6	2,010
Hungary	(3)	21	1	126
Ireland	(3)	10	(3)	466
Israel	(3)	76	(3)	223
Italy	(3)	68	102	24,900
Kenya	10	1,130	51	10,100
Netherlands	1	579	10	6,080
Nigeria	(3)	14	(3)	34
Qatar	(3)	(3)	31	6,560
Sweden	(3)	181	7	5,450
Tunisia	(3)	(3)	(3)	185
Turkey	134	26,100	953	194,000
United Arab Emirates	(3)	124	2	488
United Kingdom	(3)	380	7	3,970
Other	6	1260	59	12,300
Total	199	48,000	1,400	375,000
Asia, Australia, Oceania:				
Bangladesh	4	1,010	18	4,430
China	502	146,000	2,460	825,000
Hong Kong	5	4,200	30	20,000
India	43	11,900	529	148,000
Indonesia	4	955	164	40,300
Japan	1	1,290	25	18,000
Korea, Republic of	64	14,800	801	216,000
Malaysia	22	5,500	378	92,500
Pakistan	(3)	58	2	848
Singapore	(3)	3	74	1,890
Taiwan	34	14,800	194	106,000
Thailand	5	1,120	318	73,400
Vietnam	3	1,030	14	4,400
Other	(3)	161	2	592
Total	689	203,000	5,010	1,550,000
Grand total	1,170	297,000	9,060	2,320,000

[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)

Region and customs district	August 2005		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	12	2,660	89	24,800
Chicago, IL	(4)	66	2	1,320
Cleveland, OH	--	--	1	293
Detroit, MI	53	10,800	313	58,900
Duluth, MN	3	785	43	4,350
Great Falls, MT	2	416	23	3,650
Mikwaukee, WI	--	--	5	1,300
Ogdensburg, NY	6	1,330	47	10,200
Pembina, ND	28	4,340	388	57,400
Other[5]	(4)	(4)	(4)	(4)
Total	105	20,400	912	162,000
East Coast:				
Baltimore, MD	2	1,320	29	13,200
Boston, MA	36	9,320	484	115,000
Charleston, SC	4	2,050	35	19,000
Miami, FL	5	4,840	33	25,900
New York, NY	167	48,700	1,420	388,000
Norfolk, VA	9	5,010	78	37,700
Philadelphia, PA	76	15,500	432	90,100
Providence, RI	--	--	108	25,400
Portland, ME	12	2,440	150	35,100
Savannah, GA	10	4,680	52	29,900
St. Albans, VT	6	1,060	35	7,540
Wilmington, NC	2	751	18	5,750
Other[5]	22	3,400	703	21,500
Total	352	99,100	3,580	813,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	(4)	60	5	1,250
Houston-Galveston, TX	5	1,490	70	37,900
Laredo, TX	104	15,600	477	92,900
Mobile, AL	(4)	57	6	4,680
New Orleans, LA	26	4,300	171	72,300
San Juan, PR	7	1,450	41	8,470
Tampa, FL	34	5,110	187	39,500
Other	(4)	5	1	237
Total	177	28,100	958	257,000
West Coast and Hawaii:				
Columbia-Snake, OR	35	7,710	206	52,800
Honolulu, HI and Anchorage, AK	2	585	113	28,400
Los Angeles, CA	240	78,100	1,900	598,000
San Diego, CA	4	731	60	9,640
San Francisco, CA	141	34,800	795	230,000
Seattle, WA	112	27,500	538	164,000
Total	535	149,000	3,620	1,080,000
Grand total	1,170	297,000	9,060	2,320,000

-- Zero.
[1]Re-export activity for August 2005 amounted to 1,646 metric tons valued at $645,050.
[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	August 2005		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	288	49,200	2,070	416,000
No. 2 heavy melting steel	26	4,790	243	48,800
No. 1 bundles	7	1,100	195	20,700
No. 2 bundles	6	1,640	78	19,200
Shredded steel scrap	439	80,400	2,870	637,000
Borings, shovelings and turnings	26	2,560	157	17,100
Cut plate and structural	48	9,080	282	64,000
Tinned iron or steel	8	3,990	47	15,900
Remelting scrap ingots	1	1,390	6	5,850
Cast iron	69	17,400	713	150,000
Other iron and steel	121	30,400	806	207,000
Total carbon steel and cast iron	1,040	202,000	7,460	1,600,000
Stainless steel	45	51,700	381	429,000
Other alloy steel	84	43,300	1,220	285,000
Total stainless and alloy steel	129	95,100	1,600	714,000
Total carbon, stainless, alloy steel and cast iron	1,170	297,000	9,060	2,320,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	14	2	361
Used rails for rerolling and other uses	10	3,520	36	15,500
Total scrap exports	1,180	300,000	9,100	2,330,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	326	14	3,430
Pig iron > 0.5% phosphorus	--	--	21	1,850
Alloy pig iron	1	92	7	1,080
Total pig iron	2	418	42	6,370
Direct-reduced iron (DRI)	--	--	(3)	16
Spongy iron products, not DRI	(3)	131	5	2,400
Granules for abrasive cleaning and other uses	2	1,710	17	14,100
Powders of alloy steel	1	2,590	10	19,300
Other ferrous powders	4	6,910	32	49,400
Total DRI, granules, powders	8	11,300	65	85,200
Grand total	1,190	312,000	9,210	2,420,000

-- 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)

	August 2005		Year to date	
Country	Quantity	Value	Quantity	Value
Argentina	--	--	(3)	201
Bahamas, The	(3)	35	2	285
Brazil	--	--	1	774
Canada	208	36,800	1,690	362,000
Chile	--	--	(3)	271
Colombia	--	--	1	118
Dominican Republic	(3)	115	13	2,800
Ecuador	--	--	(3)	102
Egypt	--	--	1	517
El Salvador	(3)	8	(3)	160
France	(3)	24	(3)	355
Germany	(3)	8	2	82
Greece	--	--	(3)	12
Guatemala	(3)	17	(3)	389
Hong Kong	--	--	(3)	45
Japan	(3)	182	1	1,240
Korea, Republic of	--	--	(3)	50
Malaysia	--	--	1	175
Mexico	11	4,310	88	40,900
Netherlands	--	--	157	55,400
Panama	(3)	24	(3)	162
Russia	--	--	35	10,500
Singapore	--	--	(3)	36
Sweden	--	--	130	38,200
Trinidad and Tobago	--	--	1	645
United Arab Emirates	--	--	(3)	81
United Kingdom	--	--	168	48,900
Venezuela	(3)	321	1	1,340
Other	1	438	6	878
Total	221	42,300	2,300	566,000

-- 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)

	August 2005		Year to date	
Customs district	Quantity	Value	Quantity	Value
Buffalo, NY	40	9,920	280	106,000
Detroit, MI	96	16,700	863	166,000
Duluth, ND	1	234	26	6,330
El Paso, TX	4	711	23	4,340
Galveston, TX	2	1,780	16	14,400
Laredo, TX	2	1,200	24	16,600
Nogales, AZ	1	317	7	2,450
Pembina, ND	10	2,170	37	11,900
San Diego, CA	3	897	23	6,570
Seattle, WA	60	7,300	400	49,300
Other	2	1,100	603	182,000
Total	221	42,300	2,300	566,000

[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	August 2005 Quantity	August 2005 Value	Year to date Quantity	Year to date Value
No. 1 heavy melting steel	3	346	35	4,280
No. 2 heavy melting steel	4	466	27	4,030
No. 1 bundles	30	6,080	515	137,000
No. 2 bundles	(3)	58	8	2,790
Shredded steel scrap	33	4,520	523	116,000
Borings, shovelings and turnings	7	628	62	5,130
Cut plate and structural	15	2,520	92	13,500
Tinned iron or steel	2	325	12	2,110
Remelting scrap ingots	1	322	2	836
Cast iron	25	3,850	213	35,700
Other iron and steel	61	11,100	500	102,000
Total carbon steel and cast iron	180	30,200	1,990	424,000
Stainless steel	5	5,810	81	93,700
Other alloy steel	36	6,280	233	48,500
Total stainless and alloy steel	41	12,100	314	142,000
Total carbon, stainless, alloy steel and cast iron	221	42,300	2,300	566,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	142
Used rails for rerolling and other uses	6	7,200	108	37,400
Total scrap imports	227	49,500	2,410	604,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	133	36,100	4,080	1,120,000
Pig iron > 0.5% phosphorus	--	--	53	11,100
Alloy pig iron	(3)	79	39 [4]	9,970
Total pig iron	133	36,200	4,170	1,150,000
Direct-reduced iron (DRI)	298	35,500	1,350	256,000
Spongy iron products, not DRI	(3)	315	309	94,100
Granules for abrasive cleaning and other uses	2	954	11	8,300
Powders of alloy steel	4	5,450	36	47,800
Other ferrous powders	5	6,210	77	52,000
Total DRI, granules, powders	309	48,400	1,780	458,000
Grand total	670	134,000	8,360	2,210,000

-- 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.

[4]Includes revisions to previous months

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
2004:						
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
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

[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[1]	
	$/lt	$/t	$/lt	$/t	$/lt	$/t
2004:						
September	205.17	201.93	198.78	195.64	353.08	347.50
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	228.86	225.24	273.93	269.60

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

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