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Mineral Industry Surveys

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IRON AND STEEL SCRAP IN SEPTEMBER 2009

On a daily average basis in September 2009, estimated consumption of iron and steel scrap was up 9%, net receipts of purchased scrap were up 5%, and home scrap production was up slightly from those of August 2009, according to the U.S. Geological Survey. Stocks of purchased and home scrap at the end of September were up slightly from those at the end of August 2009. These observations are based upon responses from about 54% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 45% of the total scrap consumption in those sectors, and estimates for non-respondents to this survey.

On a daily average basis, pig iron production in September was up 11% from that in August 2009. Pig iron consumption in September was up 9% from that in August 2009. Stocks of pig iron at the end of September were down 4% from those at the end of August 2009.

Exports of iron and steel scrap for the month of August 2009 increased 43% from those of July. China was the leading country of destination, accounting for 32% of the total tonnage of exports, followed by Turkey, with 18%, and the Republic of Korea, with 15% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 14% of the total, followed by New York, NY, with 13%, and San Francisco, CA, with 11% (table 7).

Imports of iron and steel scrap for August 2009, increased 17% from those of July. Canada was the leading country of origin, accounting for 67% of the total tonnage of imports, followed by the Netherlands, with 14%, and Sweden, with 9% (table 9). Seattle, WA, was the leading U.S. Customs district for tonnage of imports, accounting for 23% of the total, followed by Buffalo, NY, with 18%, and Detroit, MI, with 17% (table 10).

The daily average domestic raw steel production for September, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 193,000 metric tons (t), up 8% from 179,000 t in August 2009, and down 26% from 261,000 t in September 2008 (table 12). The electric furnace portion of raw steel production for September was 64%, the same as in August 2009 and up from 58% in September 2008.

Raw steel production capability utilization (AISI data) in September was 62%, up from 58% in August 2009, and down from 85% in September 2008 (table 12). Continuous cast steel production in September accounted for 98% of total raw steel production, about the same as that in August 2009 and up slightly from that in September 2008.

TABLE 1

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

(Thousand metric tons)

	September 2009			Year to date[3]		
	Integrated steel producers[4]	Electric furnace steel producers[5]	Total for steel producers	Integrated steel producers[4]	Electric furnace steel producers[5]	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,530	2,180	3,720	11,400	18,500	29,900
Receipts from other own company plants	40	263	303	326	1,850	2,180
Production recirculating scrap	340	297	637	2,880	2,770	5,650
Production obsolete scrap	W	W	8	W	W	68
Consumption (by type of furnace):						
Blast furnace	W	W	131	W	W	1,010
Basic oxygen process	W	W	711	W	W	5,330
Electric furnace	1,000	2,640	3,640	7,780	22,500	30,300
Other (including air furnace)[6]	W	--	W	W	--	W
Total consumption	1,770	2,730	4,500	13,500	23,300	36,800
Shipments	92	23	115	909	218	1,130
Stocks end of month	1,400	1,760	3,160	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	514	94	608	5,020	757	5,780
Production	W	W	2,120	W	W	14,900
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,450	W	W	18,400
Direct castings[7]	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,580	95	2,680	19,600	886	20,400
Shipments	W	W	W	W	W	W
Stocks at end of month	W	W	543	XX	XX	XX
Direct-reduced iron:[8]						
Receipts	W	W	160	W	W	875
Production	W	--	W	W	--	W
Total consumption	W	W	163	W	W	1,050
Shipments	W	W	W	W	W	W
Stocks end of month	184	54	238	XX	XX	XX

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 2009 data are based on returns from 54% of monthly respondents, representing 45% of scrap consumption during this month, and estimates for nonrespondents of this survey.

[3]Prior months' data may have been revised.

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

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

[6]Includes vacuum melting furnaces and miscellaneous uses.

[7]Includes ingot molds and stools.

[8]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	September 2009				Year to date[p, 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[4]	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[4]
Carbon steel:							
Low-phosphorus plate and punchings	59	W	59	W	522	W	530
Cut structural and plate	336	48	375	255	2,560	374	3,070
No. 1 heavy melting steel	357	149	504	359	2,950	1,350	4,320
No. 2 heavy melting steel	458	19	485	372	3,700	161	3,940
No. 1 and electric furnace bundles	260	W	345	248	2,240	W	2,890
No. 2 and all other bundles	79	W	79	34	547	W	584
Electric furnace 1 foot and under (not bundles)	W	W	W	--	W	W	W
Railroad rails	13	W	18	4	117	W	166
Turnings and borings	154	10	170	108	1,380	92	1,630
Slag scrap	77	75	102	143	635	591	900
Shredded and fragmentized	880	W	988	626	6,760	249	7,690
No. 1 busheling	397	20	429	218	3,280	133	3,530
Steel cans (post consumer)	9	--	9	5	88	--	88
All other carbon steel scrap	358	107	486	287	2,710	1,130	3,820
Stainless steel scrap	74	32	112	48	652	275	975
Alloy steel scrap	6	34	46	39	53	246	345
Ingot mold and stool scrap	W	W	5	15	W	W	48
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	16	W	15	12	110	W	114
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	72	9	85	135	587	68	698
Other mixed scrap	110	20	174	118	1,010	185	1,390
Total	3,720	637	4,500	3,160	29,900	5,650	36,800

[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]Prior months' data may have been revised.

[4]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 2009			Year to date[p, 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[4]	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[4]
Mid-Atlantic and New England:						
New Jersey, New York, Pennsylvania	402	150	621	3,680	1,390	5,630
North Central:						
Illinois and Indiana	410	140	532	3,650	1,250	4,810
Iowa, Minnesota, Nebraska, Wisconsin	136	3	149	1,200	31	1,330
Michigan	157	66	173	1,030	527	1,210
Ohio	488	64	528	3,470	499	3,840
Total	1,190	273	1,380	9,350	2,310	11,200
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	205	57	283	1,780	504	2,470
Florida, Georgia, North Carolina, South Carolina	236	12	234	1,600	52	1,770
Total	441	69	517	3,380	556	4,240
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	660	32	711	5,300	254	5,450
Arkansas, Louisiana, Oklahoma, Texas	691	57	826	5,030	497	6,290
Total	1,350	89	1,540	10,300	751	11,700
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	332	56	439	3,180	636	3,960
Grand total	3,720	637	4,500	29,900	5,650	36,800

[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]Prior months' data may have been revised.
[4]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	September 2009					Year to date[p, 5]				
	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	18	W	W	W	W	162	W	W	W	W
Cut structural and plate	38	109	84	99	W	332	887	599	680	W
No. 1 heavy melting steel	68	84	24	161	W	528	607	328	1,310	W
No. 2 heavy melting steel	W	156	36	231	W	W	1,180	277	1,920	W
No. 1 and electric furnace bundles	7	158	29	60	W	156	1,400	218	434	W
No. 2 and all other bundles	17	32	4	21	W	119	183	31	173	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	--	--	W	--
Railroad rails	W	W	W	6	W	W	W	W	51	W
Turnings and borings	13	38	17	83	4	121	330	121	773	37
Slag scrap	11	26	W	23	W	99	198	W	179	W
Shredded and fragmentized	70	196	144	394	76	707	1,510	1,020	2,840	682
No. 1 busheling	50	163	26	152	W	576	1,420	179	1,060	W
Steel cans (post consumer)	3	4	--	W	W	32	37	--	W	W
All other carbon steel scrap	39	147	W	66	W	288	934	W	434	W
Stainless steel scrap	40	8	--	W	--	351	72	--	W	--
Alloy steel scrap	2	3	--	W	--	18	23	--	W	--
Ingot mold and stool scrap	W	--	--	--	--	W	--	--	--	--
Machinery and cupola cast iron	W	W	W	--	--	W	W	W	--	--
Cast iron borings	W	W	W	5	W	W	W	W	44	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	9	18	W	W	W	55	156	W	W	W
Other mixed scrap	W	3	W	12	W	W	27	W	114	W
Total	402	1,190	441	1,350	332	3,680	9,350	3,380	10,300	3,180

[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]Prior months' data may have been revised.

TABLE 5

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

(Thousand metric tons)

Item	September 2009					Year to date[4]				
	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	18	W	W	W	W	166	W	W	W	W
Cut structural and plate	49	116	99	104	W	423	1,010	819	757	W
No. 1 heavy melting steel	111	115	29	200	50	906	918	378	1,670	451
No. 2 heavy melting steel	16	161	39	243	W	144	1,230	307	2,030	W
No. 1 and electric furnace bundles	25	212	28	76	W	275	1,900	217	456	W
No. 2 and all other bundles	17	28	4	23	W	118	184	31	188	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	7	W	W	W	W	68	W
Turnings and borings	29	45	14	78	4	280	415	119	782	38
Slag scrap	16	32	W	38	W	160	269	W	318	W
Shredded and fragmentized	104	212	169	426	76	949	1,650	1,310	3,090	682
No. 1 busheling	55	165	27	178	W	632	1,440	184	1,230	W
Steel cans (post consumer)	3	4	W	W	W	31	37	W	W	W
All other carbon steel scrap	74	162	32	98	W	651	1,120	293	567	W
Stainless steel scrap	61	15	--	W	--	531	117	--	W	--
Alloy steel scrap	14	29	--	W	--	136	189	--	W	--
Ingot mold and stool scrap	W	W	--	W	--	W	W	--	W	--
Machinery and cupola cast iron	--	W	W	--	--	--	W	W	--	--
Cast iron borings	W	W	W	5	W	W	W	W	45	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	16	21	W	W	W	112	182	W	W	W
Other mixed scrap	W	10	19	12	W	W	93	W	119	W
Total	621	1,380	517	1,540	439	5,630	11,200	4,240	11,700	3,960

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]Prior months' data may have been revised.

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 2009		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	104	25,400	585	138,000
Mexico	89	23,400	390	84,900
Peru	(3)	98	32	8,940
Trinidad and Tobago	(3)	157	12	4,570
Other[4]	1	373	5	3,280
Total	194	49,400	1,020	239,000
Africa, Europe, Middle East:				
Belgium	(3)	478	2	3,280
Egypt	75	17,100	242	57,800
Finland	6	11,100	30	41,600
Germany	2	258	3	757
Greece	12	3,070	184	43,300
Italy	(3)	5	48	17,100
Netherlands	(3)	143	1	2,050
Pakistan	12	2,730	243	59,500
Portugal	--	--	25	4,460
Spain	(3)	173	31	11,300
Sweden	(3)	415	1	2,110
Switzerland	4	1,300	52	14,600
Turkey	410	108,000	2,460	576,000
United Kingdom	(3)	54	2	3,900
Other[4]	1	423	9	4,040
Total	522	145,000	3,330	842,000
Asia, Australia, Oceania:				
Bangladesh	2	463	75	21,000
China	731	282,000	4,780	1,790,000
Hong Kong	8	4,940	66	41,200
India	89	22,600	1,280	334,000
Indonesia	16	4,740	136	34,900
Japan	8	11,300	35	47,700
Korea, Republic of	336	99,200	1,980	592,000
Malaysia	76	19,600	336	85,800
Singapore	2	443	8	2,340
Taiwan	265	86,200	1,310	404,000
Thailand	49	13,800	368	94,900
Vietnam	21	6,010	508	126,000
Other[4]	(3)	362	3	3,050
Total	1,600	552,000	10,900	3,580,000
Grand total	2,320	746,000	15,200	4,660,000

-- Zero.

[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.

[4]Includes countries with year to date quantities of less than 500 metric tons.

Source: U.S. Census Bureau.

TABLE 7

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

(Thousand metric tons and thousand dollars)

Region and customs district	August 2009		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	20	6,110	106	27,600
Chicago, IL	(3)	18	22	5,850
Detroit, MI	36	9,630	136	46,300
Duluth, MN	3	969	17	5,190
Great Falls, MT	3	823	6	1,390
Ogdensburg, NY	3	710	89	16,800
Pembina, ND	21	5,680	163	43,800
Other[4]	14	1,370	61	7,720
Total	100	25,300	600	155,000
East Coast:				
Baltimore, MD	23	11,000	328	113,000
Boston, MA	182	44,600	855	210,000
Charleston, SC	8	8,550	115	51,800
Charlotte, NC	5	3,160	29	14,900
Miami, FL	39	13,400	277	85,700
New York, NY	306	112,000	1,870	610,000
Norfolk, VA	17	13,200	294	114,000
Philadelphia, PA	109	29,600	1,020	253,000
Portland, ME	41	12,300	118	32,500
Providence, RI	99	25,500	348	83,800
Savannah, GA	79	30,200	357	159,000
St. Albans, VT	4	998	14	3,680
Washington, DC	--	--	(3)	23
Total	912	305,000	5,625	1,730,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	1	169	8	1,690
Houston-Galveston, TX	72	24,000	585	174,000
Laredo, TX	50	13,700	235	50,600
Mobile, AL	14	4,680	80	36,200
New Orleans, LA	236	55,900	1,910	462,000
San Juan, PR	31	7,340	203	49,900
Tampa, FL	35	10,600	406	116,000
Other	(3)	27	2	102
Total	439	116,000	3,430	891,000
West Coast and Hawaii:				
Columbia-Snake, OR	121	33,700	852	235,000
Honolulu, HI and Anchorage, AK	23	6,560	97	27,700
Los Angeles, CA	320	139,000	2,710	1,040,000
San Diego, CA	2	431	9	1,700
San Francisco, CA	252	75,800	1,210	360,000
Seattle, WA	150	44,300	714	219,000
Total	868	300,000	5,590	1,880,000
Grand total	2,320	746,000	15,200	4,660,000

-- Zero.

[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.

[4]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 2009		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	609	161,000	4,040	1,030,000
No. 2 heavy melting steel	67	18,400	635	160,000
No. 1 bundles	25	6,710	157	38,300
No. 2 bundles	7	1,290	15	3,400
Shredded steel scrap	877	235,000	5,770	1,440,000
Borings, shovelings and turnings	10	1,720	78	13,500
Cut plate and structural	136	36,300	1,030	274,000
Tinned iron or steel	9	4,880	65	27,500
Remelting scrap ingots	2	2,170	17	21,100
Cast iron	56	18,700	422	143,000
Other iron and steel	298	90,100	1,290	428,000
Total carbon steel and cast iron	2,100	576,000	13,500	3,580,000
Stainless steel	108	85,000	769	500,000
Other alloy steel	115	84,500	950	582,000
Total stainless and alloy steel	223	170,000	1,720	1,080,000
Total carbon, stainless, alloy steel and cast iron	2,320	746,000	15,200	4,660,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	2	404
Used rails for rerolling and other uses	6	2,650	43	29,100
Total scrap exports	2,330	748,000	15,300	4,690,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	124	2	685
Pig iron > 0.5% phosphorus	(3)	3	(3)	37
Alloy pig iron	--	--	(3)	445
Total pig iron	(3)	127	3	1,170
Direct-reduced iron (DRI)	--	--	(3)	32
Spongy iron products, not DRI	(3)	279	4	2,040
Granules for abrasive cleaning and other uses	2	2,870	14	17,300
Powders of alloy steel	(3)	1,380	2	7,040
Other ferrous powders	9	8,850	52	52,600
Total DRI, granules, powders	12	13,400	72	79,000
Grand total	2,340	762,000	15,400	4,770,000

-- 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)

Country	August 2009		Year to date	
	Quantity	Value	Quantity	Value
Bahamas, The	1	199	3	502
Canada	230	69,100	1,590	389,000
Denmark	--	--	26	6,290
Germany	19	5,050	21	5,440
Mexico	17	11,100	124	51,600
Netherlands	47	11,800	47	11,800
Sweden	30	8,840	67	16,700
United Kingdom	(3)	17	35	10,800
Other[4]	2	1,380	10	5,350
Total	346	107,000	1,920	497,000

-- 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.

[4]Includes countries with year to date quantities of less than 500 metric tons.

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	August 2009		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	61	22,700	439	126,000
Charleston, SC	33	8,750	114	26,100
Chicago, IL	(3)	89	11	825
Columbia-Snake, OR	7	1,250	26	4,590
Detroit, MI	58	16,600	372	79,700
Duluth, MN	3	1,330	35	7,790
El Paso, TX	2	887	14	6,170
Great Falls, MT	12	2,520	57	11,500
Houston-Galveston, TX	(3)	464	1	2,630
Laredo, TX	9	8,340	54	28,400
Miami, FL	(3)	338	2	747
Mobile, AL	31	8,840	33	10,700
New Orleans, LA	33	8,110	71	19,000
Nogales, AZ	1	204	6	2,100
Ogdensburg, NY	7	3,210	26	7,950
Pembina, ND	2	1,130	15	6,250
Portland, ME	1	684	4	1,550
San Diego, CA	5	1,550	51	14,400
Seattle, WA	80	19,800	583	138,000
Tampa, FL	1	195	3	498
Other	(3)	579	3	1,930
Total	346	107,000	1,920	497,000

[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 ½ unit.

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 2009		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	18	3,900	127	25,500
No. 2 heavy melting steel	4	767	15	2,880
No. 1 bundles	120	31,700	420	96,900
No. 2 bundles	4	711	24	3,510
Shredded steel scrap	56	11,500	342	60,700
Borings, shovelings and turnings	6	1,380	25	4,590
Cut plate and structural	14	3,360	94	18,500
Tinned iron or steel	3	601	13	2,190
Remelting scrap ingots	--	--	(3)	8
Cast iron	14	3,280	135	23,100
Other iron and steel	40	7,800	281	51,100
Total carbon steel and cast iron	279	65,000	1,480	289,000
Stainless steel	16	21,800	83	77,900
Other alloy steel	51	20,700	361	130,000
Total stainless and alloy steel	67	42,500	444	208,000
Total carbon, stainless, alloy steel and cast iron	346	107,000	1,920	497,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	20	(3)	64
Total scrap imports	346	107,000	1,920	497,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	133	36,800	1,370	548,000
Pig iron > or = 0.5% phosphorus	--	--	--	--
Alloy pig iron	(3)	5	(3)	17
Total pig iron	133	36,800	1,370	548,000
Direct-reduced iron (DRI)	147	44,700	455	157,000
Spongy iron products, not DRI	(3)	238	(3)	1,930
Granules for abrasive cleaning and other uses	2	1,390	9	7,130
Powders of alloy steel	2	3,040	22	32,300
Other ferrous powders	2	4,180	24	31,000
Total DRI, granules, powders	153	53,500	510	229,000
Grand total	632	197,000	3,800	1,270,000

-- 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]

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
2008:						
September	7,840	76,200	84.5	89.7	97.2	97.1
October	6,760	83,000	70.5	88.0	96.3	97.0
November	4,700	87,700	50.7	84.7	96.5	97.0
December	3,920	91,600	40.9	80.9	96.2	96.9
2009:						
January	3,910	3,910	42.6	42.6	95.9	95.9
February	3,950	7,870	45.5	43.9	96.2	96.0
March	3,950	11,800	42.9	42.9	96.7	96.3
April	3,800	15,600	40.8	42.4	96.7	96.4
May	4,120	19,700	42.8	42.5	98.0	96.7
June	4,360	24,100	46.9	43.2	97.7	96.9
July	5,040	29,100	52.4	44.6	97.9	97.1
August	5,550	34,700	57.7	46.2	98.0	97.2
September	5,780	40,500	62.1	48.0	97.9	97.3

[1]Data are rounded to no more than three significant digits.
[2]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
2008:						
July	519.24	511.04	518.83	510.64	944.88	929.96
August	452.78	445.63	457.10	449.89	944.88	929.96
September	311.13	306.22	315.42	310.44	944.88	929.96
October	191.90	188.87	195.83	192.74	870.46	856.71
November	100.74	99.15	100.00	98.42	647.19	636.97
December	176.35	173.56	168.67	166.00	647.19	636.97
Average, January - December	356.60	350.97	354.59	348.99	739.95	728.27
2009:						
January	200.17	197.00	201.74	198.55	647.19	636.97
February	188.46	185.48	186.50	183.55	355.60	349.98
March	162.50	159.93	162.03	159.47	284.48	279.99
April	146.74	144.42	143.59	141.32	355.60	349.98
May	178.67	175.85	178.00	175.19	355.60	349.98
June	184.70	181.78	185.77	182.84	355.60	349.98
July	221.36	217.86	220.59	217.11	361.18	355.48
August	240.37	236.57	242.43	238.60	344.93	339.48
September	NA	NA	NA	NA	NA	NA

NA Not available.
[1]Prices are Brazilian basic pig iron, f.o.b. New Orleans, LA.

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