

Mineral Industry Surveys

For information, contact:

Michael D. Fenton, Iron and Steel Scrap Commodity Specialist
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-4972, Fax: (703) 648-7757
E-mail: mfenton@usgs.gov

Hoa P. Phamdang (Data)
Telephone: (703) 648-7965
Fax: (703) 648-7975
E-mail: hphamdan@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

IRON AND STEEL SCRAP IN OCTOBER 2009

On a daily average basis in October 2009, estimated consumption of iron and steel scrap was down 10%, net receipts of purchased scrap were down 11%, and home scrap production was the same as that of September 2009, according to the U.S. Geological Survey. Stocks of purchased and home scrap at the end of October were up slightly from those at the end of September 2009. These observations are based upon responses from about 23% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 44% 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 October was down 3% from that in September 2009. Pig iron consumption in October was down 5% from that in September 2009. Stocks of pig iron at the end of October were up slightly from those at the end of September 2009.

Exports of iron and steel scrap for the month of September 2009 decreased 13% from those of August. The Republic of Korea was the leading country of destination, accounting for 25% of the total tonnage of exports, followed by China, with 19%, and Turkey, 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 17%, and New Orleans, LA, with 9% (table 7).

Imports of iron and steel scrap for September 2009, decreased 10% from those of August. Canada was the leading country of origin, accounting for 81% of the total tonnage of imports, followed by Germany, with 11%, and Mexico, with 6% (table 9). Seattle, WA, was the leading U.S. Customs district for tonnage of imports, accounting for 31% of the total, followed by Detroit, MI, with 23%, and Buffalo, NY, with 17% (table 10).

The daily average domestic raw steel production for October, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 193,000 metric tons (t), the same as that in September 2009, and down 12% from 218,000 t in October 2008 (table 12). The electric furnace portion of raw steel production for October was 63%, down from 64% in September 2009, and up from 58% in October 2008.

Raw steel production capability utilization (AISI data) in October was 62%, the same as that in September 2009, and down from 71% in October 2008 (table 12). Continuous cast steel production in October accounted for 98% of total raw steel production, about the same as that in September 2009, and up from 96% in October 2008.

TABLE 1
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

	October 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	1,330	2,090	3,420	12,700	20,600	33,300
Receipts from other own company plants	37	239	276	362	2,090	2,450
Production recirculating scrap	326	314	640	3,210	3,080	6,290
Production obsolete scrap	W	W	8	W	W	76
Consumption (by type of furnace):						
Blast furnace	W	W	124	W	W	1,130
Basic oxygen process	W	W	686	W	W	6,010
Electric furnace	867	2,500	3,370	8,640	25,000	33,700
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,610	2,590	4,190	15,100	25,800	41,000
Shipments	80	23	103	989	242	1,230
Stocks end of month	1,400	1,790	3,190	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	468	97	565	5,490	854	6,340
Production	W	W	2,140	W	W	17,000
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,480	W	W	20,900
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,570	78	2,650	22,100	963	23,100
Shipments	W	W	W	W	W	W
Stocks at end of month	W	W	554	XX	XX	XX
Direct-reduced iron:⁸						
Receipts	W	W	157	W	W	1,030
Production	W	--	W	W	--	W
Total consumption	W	W	146	W	W	1,200
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.

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

²Includes manufacturers of raw steel that also produce steel castings. October 2009 data are based on returns from 33% of monthly respondents, representing 44% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³Prior months' data may have been revised.

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

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

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Includes 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	October 2009				Year to date 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	62	W	63	W	584	W	593
Cut structural and plate	295	46	352	255	2,850	420	3,420
No. 1 heavy melting steel	341	148	485	363	3,290	1,500	4,800
No. 2 heavy melting steel	404	17	420	391	4,100	178	4,360
No. 1 and electric furnace bundles	257	W	331	243	2,500	W	3,220
No. 2 and all other bundles	71	W	76	32	618	W	660
Electric furnace 1 foot and under (not bundles)	W	W	W	--	W	W	W
Railroad rails	13	W	18	4	130	W	184
Turnings and borings	154	11	172	115	1,540	103	1,810
Slag scrap	68	65	95	145	703	655	995
Shredded and fragmentized	784	W	911	625	7,540	277	8,600
No. 1 busheling	368	20	388	219	3,650	153	3,920
Steel cans (post consumer)	9	--	9	5	98	--	97
All other carbon steel scrap	316	124	437	284	3,030	1,250	4,260
Stainless steel scrap	69	30	104	48	721	305	1,080
Alloy steel scrap	6	33	44	38	59	278	389
Ingot mold and stool scrap	W	W	5	15	W	W	53
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	15	W	14	12	125	W	129
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	72	8	85	136	659	77	783
Other mixed scrap	111	20	175	126	1,120	206	1,560
Total	3,420	640	4,190	3,190	33,300	6,290	41,000

^PPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

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

³Prior months' data may have been revised.

⁴Includes 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 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	360	147	563	4,040	1,540	6,200
North Central:						
Illinois and Indiana	466	139	592	4,120	1,390	5,400
Iowa, Minnesota, Nebraska, Wisconsin	132	3	149	1,330	34	1,480
Michigan	133	56	144	1,160	583	1,350
Ohio	351	62	397	3,820	561	4,240
Total	1,080	260	1,280	10,400	2,570	12,500
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	199	56	278	1,980	559	2,750
Florida, Georgia, North Carolina, South Carolina	164	10	218	1,760	62	1,990
Total	363	66	496	3,740	621	4,740
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	636	33	687	5,940	288	6,140
Arkansas, Louisiana, Oklahoma, Texas	642	56	724	5,670	552	7,020
Total	1,280	89	1,410	11,600	840	13,200
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	332	78	440	3,510	714	4,400
Grand total	3,420	640	4,190	33,300	6,290	41,000

^pPreliminary.

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

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

³Prior months' data may have been revised.

⁴Includes 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	October 2009					Year to date 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	180	W	W	W	W
Cut structural and plate	36	95	61	96	W	367	982	660	776	W
No. 1 heavy melting steel	64	76	22	160	W	591	682	351	1,470	W
No. 2 heavy melting steel	W	104	33	231	W	W	1,280	311	2,150	W
No. 1 and electric furnace bundles	7	159	21	66	W	163	1,560	240	500	W
No. 2 and all other bundles	15	28	4	19	W	134	211	35	192	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	--	--	W	--
Railroad rails	W	W	W	5	W	W	W	W	57	W
Turnings and borings	12	35	21	81	4	133	364	143	854	41
Slag scrap	11	19	W	22	W	110	216	W	201	W
Shredded and fragmented	65	190	103	352	76	771	1,700	1,120	3,190	758
No. 1 busheling	43	159	20	141	W	619	1,580	199	1,200	W
Steel cans (post consumer)	3	4	--	W	W	35	41	--	W	W
All other carbon steel scrap	29	133	W	49	W	317	1,070	W	483	W
Stainless steel scrap	35	8	--	W	--	386	80	--	W	--
Alloy steel scrap	2	3	--	W	--	20	26	--	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	49	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	5	24	W	W	W	60	180	W	W	W
Other mixed scrap	W	3	W	12	W	W	29	W	126	W
Total	360	1,080	363	1,280	332	4,040	10,400	3,740	11,600	3,510

⁰Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

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

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

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

⁵Prior 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	October 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	185	W	W	W	W
Cut structural and plate	46	105	95	100	W	469	1,110	914	857	W
No. 1 heavy melting steel	106	109	27	192	50	1,010	1,030	406	1,860	501
No. 2 heavy melting steel	16	108	39	231	W	160	1,330	346	2,260	W
No. 1 and electric furnace bundles	21	212	24	69	W	297	2,110	241	525	W
No. 2 and all other bundles	15	29	5	21	W	133	213	36	208	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	7	W	W	W	W	75	W
Turnings and borings	28	42	19	79	4	308	456	138	861	42
Slag scrap	16	26	W	38	W	176	294	W	356	W
Shredded and fragmentized	92	202	159	382	76	1,040	1,860	1,470	3,470	758
No. 1 busheling	49	163	21	151	W	681	1,610	204	1,380	W
Steel cans (post consumer)	3	4	W	W	W	34	41	W	W	W
All other carbon steel scrap	60	154	32	71	W	711	1,270	326	638	W
Stainless steel scrap	54	14	--	W	--	584	131	--	W	--
Alloy steel scrap	14	27	--	W	--	150	216	--	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	50	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	12	27	W	W	W	123	209	W	W	W
Other mixed scrap	W	10	18	12	W	W	104	W	131	W
Total	563	1,280	496	1,410	440	6,200	12,500	4,740	13,200	4,400

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

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

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

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

⁴Prior 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	September 2009		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	91	26,300	676	164,000
Mexico	92	26,200	482	111,000
Peru	62	17,600	94	26,600
Trinidad and Tobago	(3)	21	12	4,590
Other ⁴	(3)	242	6	3,520
Total	245	70,400	1,270	310,000
Africa, Europe, Middle East:				
Belgium	(3)	730	2	4,010
Egypt	79	22,400	321	80,300
Finland	--	--	30	41,600
Germany	(3)	17	3	774
Greece	--	--	184	43,300
Italy	(3)	77	48	17,200
Netherlands	(3)	98	2	2,150
Pakistan	9	2,960	252	62,400
Portugal	--	--	25	4,460
Spain	(3)	64	31	11,300
Sweden	(3)	347	1	2,460
Switzerland	3	1,040	55	15,700
Turkey	309	88,500	2,770	665,000
United Kingdom	(3)	165	2	4,070
Other ⁴	(3)	784	9	4,830
Total	402	117,000	3,730	959,000
Asia, Australia, Oceania:				
Bangladesh	7	1,730	82	22,800
China	385	204,000	5,160	1,990,000
Hong Kong	8	5,110	74	46,300
India	22	6,870	1,300	340,000
Indonesia	51	13,900	187	48,700
Japan	8	11,700	43	59,400
Korea, Republic of	510	155,000	2,490	748,000
Malaysia	108	31,200	444	117,000
Singapore	4	982	12	3,320
Taiwan	177	63,300	1,490	467,000
Thailand	11	3,220	379	98,100
Vietnam	85	26,000	593	152,000
Other ⁴	(3)	19	3	3,070
Total	1,380	523,000	12,300	4,100,000
Grand total	2,020	711,000	17,300	5,370,000

-- Zero.

¹Includes 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.

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

³Less than ½ unit.

⁴Includes 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	September 2009		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	24	8,020	130	35,600
Chicago, IL	(3)	241	22	6,090
Detroit, MI	14	6,810	150	53,100
Duluth, MN	3	611	20	5,800
Great Falls, MT	1	200	7	1,590
Ogdensburg, NY	3	892	92	17,700
Pembina, ND	30	10,400	193	54,200
Other ⁴	11	1,200	71	8,920
Total	86	28,400	685	183,000
East Coast:				
Baltimore, MD	44	12,800	372	126,000
Boston, MA	123	36,100	978	246,000
Charleston, SC	5	4,620	120	56,400
Charlotte, NC	6	2,960	35	17,900
Miami, FL	32	10,300	309	96,000
New York, NY	343	123,000	2,210	734,000
Norfolk, VA	34	19,000	328	133,000
Philadelphia, PA	91	26,900	1,110	279,000
Portland, ME	(3)	24	118	32,500
Providence, RI	--	--	348	83,800
Savannah, GA	32	18,700	389	177,000
St. Albans, VT	5	1,090	19	4,770
Washington, DC	--	--	(3)	23
Total	715	256,000	6,340	1,990,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	1	216	9	1,910
Houston-Galveston, TX	55	19,000	640	193,000
Laredo, TX	73	21,300	308	71,900
Mobile, AL	10	4,210	90	40,400
New Orleans, LA	184	51,800	2,100	514,000
San Juan, PR	20	4,220	223	54,100
Tampa, FL	71	20,900	477	137,000
Other	14	4,090	16	4,190
Total	428	126,000	3,860	1,020,000
West Coast and Hawaii:				
Columbia-Snake, OR	85	25,200	937	260,000
Honolulu, HI and Anchorage, AK	4	1,270	102	28,900
Los Angeles, CA	488	200,000	3,190	1,240,000
San Diego, CA	3	620	12	2,320
San Francisco, CA	162	55,000	1,370	415,000
Seattle, WA	52	18,600	766	237,000
Total	794	301,000	6,380	2,180,000
Grand total	2,020	711,000	17,300	5,370,000

-- Zero.

¹Includes 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.

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

³Less than ½ unit.

⁴Includes 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 2009		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	530	152,000	4,570	1,180,000
No. 2 heavy melting steel	93	26,000	728	186,000
No. 1 bundles	46	12,800	203	51,100
No. 2 bundles	1	377	16	3,780
Shredded steel scrap	759	222,000	6,520	1,660,000
Borings, shovelings and turnings	9	2,250	87	15,800
Cut plate and structural	85	25,000	1,110	299,000
Tinned iron or steel	17	6,670	82	34,200
Remelting scrap ingots	2	3,470	19	24,600
Cast iron	68	24,800	490	168,000
Other iron and steel	226	77,100	1,520	505,000
Total carbon steel and cast iron	1,840	553,000	15,400	4,130,000
Stainless steel	99	72,200	868	572,000
Other alloy steel	88	85,900	1,040	668,000
Total stainless and alloy steel	187	158,000	1,910	1,240,000
Total carbon, stainless, alloy steel and cast iron	2,020	711,000	17,300	5,370,000
Ships, boats, and other vessels for breaking up (for scrapping)	1	103	3	507
Used rails for rerolling and other uses	6	3,000	49	32,100
Total scrap exports	2,030	714,000	17,300	5,400,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	2	629	4	1,310
Pig iron > 0.5% phosphorus	(3)	3	(3)	40
Alloy pig iron	(3)	8	(3)	453
Total pig iron	2	640	5	1,810
Direct-reduced iron (DRI)	--	--	(3)	32
Spongy iron products, not DRI	1	354	5	2,390
Granules for abrasive cleaning and other uses	3	3,000	17	20,300
Powders of alloy steel	(3)	1,290	2	8,340
Other ferrous powders	8	8,470	60	61,100
Total DRI, granules, powders	12	13,100	84	92,100
Grand total	2,040	728,000	17,400	5,500,000

-- Zero.

¹Export valuation is on a free-alongside-ship basis.

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

³Less 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	September 2009		Year to date	
	Quantity	Value	Quantity	Value
Bahamas, The	(3)	32	3	534
Brazil	(3)	1,020	3	2,240
Canada	254	74,400	1,840	463,000
Denmark	--	--	26	6,290
Germany	33	8,890	54	14,300
Korea, Republic of	1	214	2	595
Mexico	20	10,900	144	62,500
Netherlands	--	--	47	11,800
Netherlands Antilles	1	89	1	89
Sweden	(3)	22	67	16,700
Taiwan	(3)	1,450	1	1,780
United Kingdom	--	--	35	10,800
Other ⁴	3	1,780	9	5,200
Total	313	98,700	2,230	596,000

-- Zero.

¹Includes 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.

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

³Less than ½ unit.

⁴Includes 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	September 2009		Year to date	
	Quantity	Value	Quantity	Value
Baltimore, MD	(3)	615	1	1,050
Buffalo, NY	53	22,300	492	148,000
Charleston, SC	34	8,830	148	34,900
Chicago, IL	(3)	118	11	943
Columbia-Snake, OR	10	1,980	36	6,570
Detroit, MI	71	21,000	443	101,000
Duluth, MN	6	1,630	41	9,430
El Paso, TX	3	1,130	17	7,300
Great Falls, MT	10	2,220	67	13,700
Houston-Galveston, TX	1	2,120	2	4,740
Laredo, TX	8	6,320	62	34,700
Los Angeles, CA	1	1,430	2	2,170
Miami, FL	(3)	47	3	794
Mobile, AL	(3)	22	33	10,700
New Orleans, LA	1	89	72	19,100
Nogales, AZ	1	606	8	2,710
Ogdensburg, NY	5	3,870	31	11,800
Pembina, ND	1	1,370	16	7,610
Portland, ME	2	515	6	2,070
San Diego, CA	8	2,350	59	16,800
Seattle, WA	97	19,400	680	158,000
Tampa, FL	(3)	15	3	513
Other	(3)	684	(3)	1,440
Total	313	98,700	2,230	596,000

¹Includes 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.

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

³Less 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	September 2009		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	17	3,600	144	29,100
No. 2 heavy melting steel	3	677	18	3,550
No. 1 bundles	86	24,600	506	121,000
No. 2 bundles	5	745	29	4,250
Shredded steel scrap	34	4,460	376	65,100
Borings, shovelings and turnings	8	1,350	33	5,940
Cut plate and structural	23	4,200	117	22,700
Tinned iron or steel	5	961	18	3,150
Remelting scrap ingots	(3)	52	(3)	60
Cast iron	8	1,720	143	24,800
Other iron and steel	56	11,500	337	62,600
Total carbon steel and cast iron	245	53,900	1,720	343,000
Stainless steel	18	26,600	101	105,000
Other alloy steel	50	18,200	411	148,000
Total stainless and alloy steel	68	44,800	512	253,000
Total carbon, stainless, alloy steel and cast iron	313	98,700	2,230	596,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	64
Total scrap imports	313	98,700	2,230	596,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	212	60,200	1,580	608,000
Pig iron > or = 0.5% phosphorus	(3)	2	(3)	2
Alloy pig iron	--	--	(3)	17
Total pig iron	212	60,200	1,580	608,000
Direct-reduced iron (DRI)	170	45,900	625	203,000
Spongy iron products, not DRI	(3)	41	(3)	1,970
Granules for abrasive cleaning and other uses	1	889	10	8,020
Powders of alloy steel	4	5,670	26	38,000
Other ferrous powders	8	3,760	32	34,800
Total DRI, granules, powders	183	56,300	693	286,000
Grand total	708	215,000	4,500	1,490,000

-- Zero.

¹Import valuation is on a Customs basis.

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

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 12
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,
AND CONTINUOUS CAST STEEL PRODUCTION¹

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:						
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
October	5,990	46,500	62.3	49.4	97.8	97.4

¹Data are rounded to no more than three significant digits.

²May 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	
	\$/t	\$/t	\$/t	\$/t	\$/t	\$/t
2008:						
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	257.06	253.00	256.42	252.37	359.16	353.49
October	NA	NA	NA	NA	NA	NA

NA Not available.

¹Prices are Brazilian basic pig iron, f.o.b. New Orleans, LA.

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