

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN NOVEMBER 2009

On a daily average basis in November 2009, estimated consumption of iron and steel scrap was up 4%, net receipts of purchased scrap were unchanged, and home scrap production was up by 5% compared to that of October 2009, according to the U.S. Geological Survey. Stocks of purchased and home scrap at the end of November were down slightly from those at the end of October 2009. These observations are based upon responses from about 50% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 46% of the total scrap consumption in those sectors, and estimates for non-respondents to this survey.

On a daily average basis, pig iron production and consumption in November were each up slightly from those in October 2009. Stocks of pig iron at the end of November were the same as those at the end of October 2009.

Exports of iron and steel scrap for the month of October 2009 decreased 25% from those of September. Taiwan was the leading country of destination, accounting for 20% of the total tonnage of exports, followed by Turkey, with 17%, and the Republic of Korea, with 13% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 22% of the total, followed by New York, NY, with 17%, and Philadelphia, PA, with 8% (table 7).

Imports of iron and steel scrap for October 2009, increased 13% from those of September. Canada was the leading country of origin, accounting for 57% of the total tonnage of imports, followed by the United Kingdom, with 19%, and Sweden, with 9% (table 9). Seattle, WA, was the leading U.S. Customs district for tonnage of imports, accounting for 22% of the total, followed by Detroit, MI, with 19%, and New Orleans, LA, with 19% (table 10).

The daily average domestic raw steel production for November, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 190,000 metric tons (t), down slightly from that in October 2009, and up 21% from 157,000 t in November 2008 (table 12). The electric furnace portion of raw steel production for November was 63%, up from 58% in October 2009, and up from 57% in November 2008.

Raw steel production capability utilization (AISI data) in November was 61%, down slightly from that in October 2009, and up from 51% in November 2008 (table 12). Continuous cast steel production in November accounted for 98% of total raw steel production, the same as that in October 2009, and up from 96% in November 2008.

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

(Thousand metric tons)

	November 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	1,380	1,910	3,290	14,100	22,600	36,700
Receipts from other own company plants	40	197	237	406	2,290	2,690
Production recirculating scrap	351	294	645	3,580	3,370	6,960
Production obsolete scrap	W	W	7	W	W	83
Consumption (by type of furnace):						
Blast furnace	W	W	144	W	W	1,290
Basic oxygen process	W	W	709	W	W	6,730
Electric furnace	949	2,370	3,320	9,590	27,400	37,000
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,730	2,460	4,190	16,800	28,300	45,100
Shipments	73	23	96	1,060	265	1,330
Stocks end of month	1,440	1,670	3,100	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	499	89	588	6,000	943	6,940
Production	W	W	2,100	W	W	19,200
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,430	W	W	23,400
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,540	81	2,620	24,800	1,040	25,800
Shipments	W	W	W	W	W	W
Stocks at end of month	W	W	599	XX	XX	XX
Direct-reduced iron:⁸						
Receipts	W	W	143	W	W	1,190
Production	W	--	W	W	--	W
Total consumption	W	W	162	W	W	1,360
Shipments	W	W	W	W	W	W
Stocks end of month	177	66	243	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. November 2009 data are based on returns from 50% of monthly respondents, representing 46% 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	November 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	50	W	52	W	633	W	645
Cut structural and plate	272	46	365	222	3,130	466	3,780
No. 1 heavy melting steel	339	135	470	363	3,630	1,640	5,280
No. 2 heavy melting steel	414	17	421	387	4,510	196	4,780
No. 1 and electric furnace bundles	239	W	310	256	2,740	W	3,510
No. 2 and all other bundles	73	W	79	33	697	W	743
Electric furnace 1 foot and under (not bundles)	W	W	W	--	W	W	W
Railroad rails	11	W	17	5	142	W	201
Turnings and borings	137	10	167	104	1,680	113	1,980
Slag scrap	70	75	104	158	774	740	1,110
Shredded and fragmented	741	W	904	590	8,320	304	9,510
No. 1 busheling	329	17	379	219	3,990	171	4,280
Steel cans (post consumer)	11	--	10	5	108	--	107
All other carbon steel scrap	338	130	473	288	3,370	1,380	4,740
Stainless steel scrap	66	27	103	46	787	332	1,180
Alloy steel scrap	6	33	41	39	65	312	430
Ingot mold and stool scrap	W	W	5	15	W	W	58
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	15	W	16	9	141	W	146
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	66	16	89	133	725	101	882
Other mixed scrap	110	21	173	103	1,230	226	1,740
Total	3,290	645	4,190	3,100	36,700	6,960	45,100

¹Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

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

⁴Prior months' data may have been revised.

⁵Includes 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	November 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	358	143	566	4,410	1,690	6,780
North Central:						
Illinois and Indiana	440	139	566	4,560	1,530	5,970
Iowa, Minnesota, Nebraska, Wisconsin	135	3	147	1,470	37	1,630
Michigan	116	59	136	1,280	642	1,490
Ohio	498	86	585	4,350	667	4,850
Total	1,190	287	1,430	11,600	2,880	13,900
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	200	58	265	2,190	618	3,020
Georgia, North Carolina, South Carolina	155	10	219	1,920	72	2,210
Total	355	68	484	4,100	690	5,230
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	562	32	629	6,510	322	6,710
Arkansas, Louisiana, Oklahoma, Texas	492	38	632	6,180	589	7,660
Total	1,050	70	1,260	12,700	911	14,400
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	333	77	441	3,840	792	4,840
Grand total	3,290	645	4,190	36,700	6,960	45,100

^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	November 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	10	W	W	W	W	190	W	W	W	W
Cut structural and plate	38	100	57	70	W	408	1,080	717	843	W
No. 1 heavy melting steel	61	85	19	155	W	652	767	371	1,620	W
No. 2 heavy melting steel	W	155	32	192	W	W	1,440	344	2,350	W
No. 1 and electric furnace bundles	9	154	29	42	W	172	1,710	268	538	W
No. 2 and all other bundles	12	34	4	18	W	144	252	39	210	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	--	--	W	--
Railroad rails	W	W	W	4	W	W	W	W	62	W
Turnings and borings	14	34	14	70	4	150	398	157	932	46
Slag scrap	11	19	W	23	W	121	235	W	224	W
Shredded and fragmentized	71	206	97	292	76	848	1,920	1,220	3,500	834
No. 1 busheling	44	156	27	97	W	665	1,740	226	1,310	W
Steel cans (post consumer)	4	4	--	W	W	39	45	--	W	W
All other carbon steel scrap	27	163	W	43	W	346	1,230	W	527	W
Stainless steel scrap	32	8	--	W	--	418	88	--	W	--
Alloy steel scrap	2	3	--	W	--	22	29	--	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	3	W	W	W	W	52	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	5	21	W	W	W	65	201	W	W	W
Other mixed scrap	W	3	W	12	W	W	32	W	139	W
Total	358	1,190	355	1,050	333	4,410	11,600	4,100	12,700	3,840

^PPreliminary. 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	November 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	10	W	W	W	W	195	W	W	W	W
Cut structural and plate	50	118	112	78	W	520	1,240	1,030	924	W
No. 1 heavy melting steel	105	122	26	166	50	1,120	1,150	432	2,030	551
No. 2 heavy melting steel	16	147	29	204	W	177	1,480	376	2,470	W
No. 1 and electric furnace bundles	22	210	25	48	W	318	2,320	267	556	W
No. 2 and all other bundles	13	35	4	20	W	145	252	40	229	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	6	W	W	W	W	81	W
Turnings and borings	31	43	14	74	4	344	499	152	940	46
Slag scrap	16	33	W	39	W	191	333	W	395	W
Shredded and fragmentized	95	221	146	366	76	1,140	2,080	1,620	3,840	834
No. 1 busheling	56	163	22	133	W	742	1,770	226	1,490	W
Steel cans (post consumer)	4	4	W	W	W	38	45	W	W	W
All other carbon steel scrap	61	195	32	64	W	775	1,470	358	699	W
Stainless steel scrap	49	18	--	W	--	633	144	--	W	--
Alloy steel scrap	12	27	--	W	--	162	244	--	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	3	W	W	W	W	53	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	12	33	W	W	W	135	252	W	W	W
Other mixed scrap	W	10	16	12	W	W	114	W	143	W
Total	566	1,430	484	1,260	441	6,780	13,900	5,230	14,400	4,840

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	October 2009		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Canada	101	24,200	777	188,000
Mexico	101	26,600	583	138,000
Peru	--	--	94	26,600
Trinidad and Tobago	--	--	12	4,590
Other ⁴	2	1,090	8	4,610
Total	204	51,900	1,470	362,000
Africa, Europe, Middle East:				
Belgium	1	448	3	4,460
Egypt	--	--	321	80,300
Finland	--	--	30	41,600
Germany	4	801	7	1,580
Greece	6	1,460	190	44,800
Italy	--	--	48	17,200
Netherlands	(3)	669	2	2,820
Pakistan	25	6,220	277	68,700
Portugal	--	--	25	4,460
Spain	3	6,280	34	17,600
Sweden	(3)	666	1	3,120
Switzerland	--	--	55	15,700
Turkey	250	70,200	3,020	735,000
United Kingdom	1	916	3	4,980
Other ⁴	1	634	10	5,460
Total	291	88,200	4,030	1,050,000
Asia, Australia, Oceania:				
Bangladesh	5	1,190	87	24,000
China	163	125,000	5,330	2,120,000
Hong Kong	8	6,360	82	52,700
India	59	17,400	1,360	358,000
Indonesia	84	25,400	271	74,100
Japan	9	13,100	52	72,500
Korea, Republic of	203	64,000	2,690	812,000
Malaysia	84	23,600	528	141,000
Singapore	13	3,330	25	6,650
Taiwan	299	102,000	1,790	570,000
Thailand	63	17,200	442	115,000
Vietnam	24	6,600	617	158,000
Other ⁴	2	756	5	3,820
Total	1,020	406,000	13,300	4,510,000
Grand total	1,510	547,000	18,800	5,920,000

-- 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	October 2009		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	16	4,420	146	40,000
Chicago, IL	(3)	25	22	6,120
Cleveland, OH	(3)	117	1	463
Detroit, MI	26	7,730	176	60,800
Duluth, MN	5	1,460	25	7,260
Great Falls, MT	1	133	8	1,720
Ogdensburg, NY	5	1,180	97	18,900
Pembina, ND	30	8,640	224	62,900
Other ⁴	10	1,150	81	9,730
Total	93	24,900	780	208,000
East Coast:				
Baltimore, MD	41	11,600	413	137,000
Boston, MA	75	21,700	1,050	267,000
Charleston, SC	16	8,600	136	65,000
Charlotte, NC	5	2,800	40	20,700
Miami, FL	29	10,800	337	107,000
New York, NY	261	97,900	2,470	832,000
Norfolk, VA	21	11,000	349	144,000
Philadelphia, PA	115	30,500	1,230	310,000
Portland, ME	6	1,670	124	34,200
Providence, RI	--	--	348	83,800
Savannah, GA	44	22,000	433	199,000
St. Albans, VT	6	1,410	25	6,170
Washington, DC	--	--	(3)	23
Total	619	220,000	6,960	2,210,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	2	568	11	2,470
Houston-Galveston, TX	94	35,400	734	228,000
Laredo, TX	60	14,700	368	86,600
Mobile, AL	7	2,950	97	43,400
New Orleans, LA	88	24,500	2,180	539,000
San Juan, PR	28	5,920	251	60,000
Tampa, FL	11	3,600	488	141,000
Other	2	239	18	4,430
Total	292	87,900	4,150	1,100,000
West Coast and Hawaii:				
Columbia-Snake, OR	71	23,300	1,010	284,000
Honolulu, HI and Anchorage, AK	4	979	106	29,900
Los Angeles, CA	335	153,000	3,530	1,390,000
San Diego, CA	2	443	14	2,770
San Francisco, CA	43	18,400	1,410	434,000
Seattle, WA	52	18,000	818	255,000
Total	507	214,000	6,890	2,400,000
Grand total	1,510	547,000	18,800	5,920,000

-- 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	October 2009		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	371	107,000	4,940	1,280,000
No. 2 heavy melting steel	34	9,080	762	195,000
No. 1 bundles	32	8,980	235	60,000
No. 2 bundles	38	10,800	54	14,500
Shredded steel scrap	467	132,000	6,990	1,800,000
Borings, shovelings and turnings	9	2,170	96	18,000
Cut plate and structural	70	21,100	1,180	320,000
Tinned iron or steel	11	6,980	93	41,200
Remelting scrap ingots	2	2,750	21	27,300
Cast iron	77	21,400	567	189,000
Other iron and steel	221	71,700	1,740	577,000
Total carbon steel and cast iron	1,330	394,000	16,700	4,520,000
Stainless steel	97	71,900	965	644,000
Other alloy steel	82	80,800	1,120	749,000
Total stainless and alloy steel	179	153,000	2,090	1,390,000
Total carbon, stainless, alloy steel and cast iron	1,510	547,000	18,800	5,920,000
Ships, boats, and other vessels for breaking up (for scrapping)	1	187	4	694
Used rails for rerolling and other uses	4	2,860	53	35,000
Total scrap exports	1,520	550,000	18,800	5,950,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	173	4	1,490
Pig iron > 0.5% phosphorus	--	--	(3)	40
Alloy pig iron	(3)	90	(3)	543
Total pig iron	1	263	5	2,070
Direct-reduced iron (DRI)	--	--	(3)	32
Spongy iron products, not DRI	14	405	19	2,800
Granules for abrasive cleaning and other uses	2	3,790	20	24,100
Powders of alloy steel	(3)	1,090	3	9,430
Other ferrous powders	9	9,640	69	70,700
Total DRI, granules, powders	26	14,900	111	107,000
Grand total	1,550	565,000	18,900	6,060,000

-- 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	October 2009		Year to date	
	Quantity	Value	Quantity	Value
Argentina	2	273	4	737
Bahamas, The	(3)	18	3	552
Brazil	(3)	425	3	2,260
Canada	202	59,900	2,040	523,000
Denmark	--	--	26	6,290
Germany	(3)	21	54	14,300
Korea, Republic of	(3)	28	2	623
Mexico	21	8,770	165	71,300
Netherlands	29	9,330	76	21,100
Netherlands Antilles	--	--	1	89
Sweden	33	10,500	100	27,200
Taiwan	(3)	8	1	1,790
United Kingdom	66	22,200	101	33,000
Other ⁴	1	2,270	10	7,410
Total	355	114,000	2,590	709,000

-- 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	October 2009		Year to date	
	Quantity	Value	Quantity	Value
Baltimore, MD	--	--	1	1,050
Buffalo, NY	38	14,600	530	163,000
Charleston, SC	30	9,350	178	44,200
Chicago, IL	(3)	35	11	978
Columbia-Snake, OR	--	--	36	6,570
Detroit, MI	67	22,000	510	123,000
Duluth, MN	4	1,710	45	11,100
El Paso, TX	5	969	22	8,270
Great Falls, MT	9	1,980	76	15,700
Houston-Galveston, TX	1	2,160	3	6,910
Laredo, TX	8	5,130	70	39,800
Los Angeles, CA	(3)	364	2	2,530
Miami, FL	2	306	5	1,100
Mobile, AL	33	10,500	66	21,100
New Orleans, LA	66	22,200	138	41,300
Nogales, AZ	1	347	9	3,050
Ogdensburg, NY	3	1,700	34	13,500
Pembina, ND	3	1,470	19	9,090
Portland, ME	1	402	7	2,470
San Diego, CA	7	2,100	66	18,900
Seattle, WA	77	16,000	757	174,000
Tampa, FL	(3)	7	3	520
Other	(3)	359	(3)	1,800
Total	355	114,000	2,590	709,000

-- 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.

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	October 2009		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	18	4,020	162	33,100
No. 2 heavy melting steel	2	326	20	3,880
No. 1 bundles	139	45,200	645	167,000
No. 2 bundles	3	369	32	4,620
Shredded steel scrap	24	4,200	400	69,300
Borings, shovelings and turnings	7	1,720	40	7,650
Cut plate and structural	13	2,870	130	25,600
Tinned iron or steel	4	761	22	3,910
Remelting scrap ingots	--	--	(3)	60
Cast iron	10	2,280	153	27,100
Other iron and steel	65	16,300	402	78,900
Total carbon steel and cast iron	285	78,000	2,010	421,000
Stainless steel	11	16,000	112	121,000
Other alloy steel	59	19,600	470	168,000
Total stainless and alloy steel	70	35,600	582	289,000
Total carbon, stainless, alloy steel and cast iron	355	114,000	2,590	709,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	3	(3)	67
Total scrap imports	355	114,000	2,590	710,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	234	74,200	1,810	682,000
Pig iron > or = 0.5% phosphorus	--	--	(3)	2
Alloy pig iron	--	--	(3)	17
Total pig iron	234	74,200	1,810	682,000
Direct-reduced iron (DRI)	154	40,100	779	243,000
Spongy iron products, not DRI	(3)	189	1	2,160
Granules for abrasive cleaning and other uses	3	1,710	13	9,730
Powders of alloy steel	4	6,890	30	44,900
Other ferrous powders	4	4,300	36	39,100
Total DRI, granules, powders	166	53,200	859	339,000
Grand total	755	241,000	5,260	1,730,000

-- 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:						
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
November	5,710	52,200	61.4	50.5	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:						
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	243.60	239.75	240.92	237.12	359.16	353.49
November	214.53	211.14	217.03	213.60	359.16	353.49

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

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