

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN JANUARY 2009

On a daily average basis in January 2009, estimated consumption of iron and steel scrap was up slightly, net receipts of purchased scrap were up 8%, and home scrap production was unchanged from those of December 2008, according to the U.S. Geological Survey. Stocks of purchased and home scrap at the end of January were down slightly from those at the end of December 2008. These observations are based upon responses from about 44% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 54% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production and consumption in January were down slightly from those in December 2008. Stocks of pig iron at the end of January were up 11% from those at the end of December 2008.

Exports of iron and steel scrap for the month of December 2008 increased 25% from those of November. Turkey was the leading country of destination, accounting for 37% of the total tonnage of exports, followed by China, with 24%, and India, with 10% (table 6). New York, NY, was the leading U.S. Customs district for tonnage of exports, accounting for 20% of the total, followed by Los Angeles, CA, with 17%, and San Francisco, CA, with 14% (table 7).

Imports of iron and steel scrap for December 2008 increased slightly from those of November. Canada was the leading country of origin, accounting for 90% of the total tonnage of imports, followed by Mexico, with 9% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 42% of the total, followed by Seattle, WA, with 26%, and Buffalo, NY, with 18% (table 10).

The daily average domestic raw steel production for January, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 126,000 metric tons (t), unchanged from 126,000 t in December 2008, and down 56% from 288,000 t in January 2008 (table 12). The electric furnace portion of raw steel production for January was 43%, up from 41% in December 2008 and down from 90% in January 2008.

Raw steel production capability utilization (AISI data) in January was 43%, up from 41% in December 2008 and down from 90% in January 2008 (table 12). Continuous cast steel production in January accounted for 96% of total raw steel production, about the same as that in December 2008 and down slightly from that in January 2008.

TABLE 1  
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS<sup>1,2</sup>

(Thousand metric tons)

	January 2009			Year to date		
	Integrated steel producers <sup>3</sup>	Electric furnace steel producers <sup>3</sup>	Total for steel producers	Integrated steel producers <sup>4</sup>	Electric furnace steel producers <sup>4</sup>	Total for steel producers
<b>Scrap:</b>						
Receipts from dealers and other sources	1,180	2,100	3,290	1,180	2,100	3,290
Receipts from other own company plants	34	148	182	34	148	182
Production recirculating scrap	322	324	646	322	324	646
Production obsolete scrap	W	W	7	W	W	7
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	153	W	W	153
Basic oxygen process	W	W	545	W	W	545
Electric furnace	899	2,470	3,360	899	2,470	3,360
Other (including air furnace) <sup>5</sup>	W	--	W	W	--	W
Total consumption	1,490	2,570	4,060	1,490	2,570	4,060
Shipments	94	23	117	94	23	117
Stocks end of month	1,590	2,060	3,650	1,590	2,060	3,650
<b>Pig iron (includes hot metal):</b>						
Receipts	548	129	677	548	129	677
Production	W	W	1,540	W	W	1,540
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	1,880	W	W	1,880
Direct castings <sup>6</sup>	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	1,990	77	2,060	1,990	77	2,060
Shipments	W	W	W	W	W	W
Stocks at end of month	W	W	937	W	W	937
<b>Direct-reduced iron:<sup>7</sup></b>						
Receipts	W	W	68	W	W	68
Production	W	--	W	W	--	W
Total consumption	W	W	109	W	W	109
Shipments	W	W	W	W	W	W
Stocks end of month	333	53	386	333	53	386

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable. -- Zero.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings. January 2009 data are based on returns from 44% of monthly respondents, representing 54% of scrap consumption during this month, and estimates for nonrespondents of this survey.

<sup>3</sup>Includes data for electric furnaces operated by integrated steel producers.

<sup>4</sup>Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

<sup>5</sup>Includes vacuum melting furnaces and miscellaneous uses.

<sup>6</sup>Includes ingot molds and stools.

<sup>7</sup>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<sup>1,2</sup>

(Thousand metric tons)

Item	January 2009				Year to date <sup>P</sup>		
	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 <sup>3</sup>	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 <sup>3</sup>
Carbon steel:							
Low-phosphorus plate and punchings	59	W	59	W	59	W	59
Cut structural and plate	281	42	342	267	281	42	342
No. 1 heavy melting steel	331	155	479	456	331	155	479
No. 2 heavy melting steel	480	19	476	436	480	19	476
No. 1 and electric furnace bundles	257	W	326	268	257	W	326
No. 2 and all other bundles	55	W	60	36	55	W	60
Electric furnace 1 foot and under (not bundles)	W	W	W	W	W	W	W
Railroad rails	15	W	18	6	15	W	18
Turnings and borings	149	10	181	106	149	10	181
Slag scrap	75	60	100	148	75	60	100
Shredded and fragmentized	694	W	825	744	694	W	825
No. 1 busheling	358	17	391	311	358	17	391
Steel cans (post consumer)	9	--	9	10	9	--	9
All other carbon steel scrap	259	134	391	284	259	134	391
Stainless steel scrap	75	32	112	54	75	32	112
Alloy steel scrap	6	35	45	44	6	35	45
Ingot mold and stool scrap	W	W	5	15	W	W	5
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	14	W	15	13	14	W	15
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	62	8	73	189	62	8	76
Other mixed scrap	105	20	148	130	105	20	148
Total	3,290	646	4,060	3,650	3,290	646	4,060

<sup>P</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>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<sup>1,2</sup>

(Thousand metric tons)

Region and State	January 2009			Year to date <sup>p</sup>		
	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 <sup>3</sup>	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 <sup>3</sup>
<b>Mid-Atlantic and New England:</b>						
New Jersey, New York, Pennsylvania	407	160	623	407	160	623
<b>North Central:</b>						
Illinois and Indiana	392	140	518	392	140	518
Iowa, Minnesota, Nebraska, Wisconsin	123	3	145	123	3	145
Michigan	112	53	126	112	53	126
Ohio	472	68	481	472	68	481
Total	1,100	264	1,270	1,100	264	1,270
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	207	57	290	207	57	290
Florida, Georgia, North Carolina, South Carolina	120	5	190	120	5	190
Total	327	62	480	327	62	480
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	563	30	616	563	30	616
Arkansas, Louisiana, Oklahoma, Texas	551	52	648	551	52	648
Total	1,110	82	1,260	1,110	82	1,260
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	340	78	425	340	78	425
Grand total	3,290	646	4,060	3,290	646	4,060

<sup>p</sup>Preliminary.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4  
RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1, 2, 3, 4</sup>

(Thousand metric tons)

Item	January 2009					Year to date <sup>p</sup>				
	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	18	W	W	W	W
Cut structural and plate	43	98	57	77	W	43	98	57	77	W
No. 1 heavy melting steel	58	68	43	142	W	58	68	43	142	W
No. 2 heavy melting steel	W	201	28	217	W	W	201	28	217	W
No. 1 and electric furnace bundles	19	160	22	51	W	19	160	22	51	W
No. 2 and all other bundles	11	19	3	19	W	11	19	3	19	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	--	--	W	--
Railroad rails	W	W	W	8	W	W	W	W	8	W
Turnings and borings	15	41	9	79	4	15	41	9	79	4
Slag scrap	11	24	W	22	W	11	24	W	22	W
Shredded and fragmented	82	156	93	287	76	82	156	93	287	76
No. 1 busheling	64	159	13	117	W	64	159	13	117	W
Steel cans (post consumer)	3	4	--	W	W	3	4	--	W	W
All other carbon steel scrap	22	91	W	41	W	22	91	W	41	W
Stainless steel scrap	39	11	--	W	--	39	11	--	W	--
Alloy steel scrap	2	3	--	W	--	2	3	--	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	5	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	4	17	W	W	W	4	17	W	W	W
Other mixed scrap	W	3	W	14	W	W	3	W	14	W
Total	407	1,100	327	1,110	340	407	1,100	327	1,110	340

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

<sup>1</sup>Scrap received from brokers, dealers, and other outside sources.

<sup>2</sup>A breakout of the States within each region is provided in Table 3.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

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

TABLE 5  
CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1,2,3</sup>

(Thousand metric tons)

Item	January 2009					Year to date				
	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	18	W	W	W	W
Cut structural and plate	50	109	90	87	W	50	109	90	87	W
No. 1 heavy melting steel	101	99	51	178	50	101	99	51	178	50
No. 2 heavy melting steel	16	166	35	234	W	16	166	35	234	W
No. 1 and electric furnace bundles	31	215	25	50	W	31	215	25	50	W
No. 2 and all other bundles	11	19	3	21	W	11	19	3	21	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	8	W	W	W	W	8	W
Turnings and borings	31	51	11	85	4	31	51	11	85	4
Slag scrap	18	28	W	37	W	18	28	W	37	W
Shredded and fragmented	105	177	151	316	76	105	177	151	316	76
No. 1 busheling	71	160	24	131	W	71	160	24	131	W
Steel cans (post consumer)	3	4	W	W	W	3	4	W	W	W
All other carbon steel scrap	69	122	33	48	W	69	122	33	48	W
Stainless steel scrap	61	15	--	W	--	61	15	--	W	--
Alloy steel scrap	14	28	--	W	--	14	28	--	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	6	W	W	W	W	6	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	10	20	W	W	W	10	20	W	W	W
Other mixed scrap	W	10	3	16	W	W	10	3	16	W
Total	623	1,270	480	1,260	425	623	1,270	480	1,260	425

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

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

<sup>2</sup>A breakout of the States within each region is provided in Table 3.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

TABLE 6  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY<sup>1, 2</sup>

(Thousand metric tons and thousand dollars)

Region and country	December 2008		Year to date	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Argentina	--	--	1	519
Bahamas, The	(3)	43	7	1,580
Bermuda	--	--	1	64
Brazil	(3)	27	2	1,440
Canada	49	11,200	1,670	648,000
Colombia	--	--	59	25,300
Dominican Republic	1	190	4	968
Mexico	15	4,020	847	341,000
Netherlands Antilles	(3)	4	2	1,060
Peru	(3)	21	140	63,500
Suriname	--	--	2	405
Trinidad and Tobago	(3)	30	8	1,890
Venezuela	(3)	205	1	435
Other <sup>4</sup>	(3)	250	9	2,980
Total	66	16,000	2,750	1,090,000
<b>Africa, Europe, Middle East:</b>				
Austria	(3)	92	2	2,020
Belgium	(3)	552	6	11,800
Egypt	35	9,880	870	400,000
Finland	6	7,230	57	111,000
France	(3)	373	4	9,700
Germany	(3)	206	7	5,080
Greece	--	--	276	117,000
Ireland	(3)	5	1	226
Israel	(3)	52	1	769
Italy	(3)	273	82	44,000
Netherlands	(3)	158	21	42,600
Pakistan	44	9,780	190	64,800
Portugal	--	--	1	216
Romania	--	--	1	335
Saudi Arabia	(3)	3	1	479
Spain	39	10,300	107	77,400
Sweden	--	--	1	2,210
Switzerland	45	12,200	94	28,400
Turkey	541	122,000	4,480	2,010,000
United Kingdom	(3)	215	7	15,600
Other <sup>4</sup>	(3)	1,370	33	24,400
Total	715	174,000	6,240	2,970,000
<b>Asia, Australia, Oceania:</b>				
Australia	(3)	263	1	3,130
Bangladesh	15	4,060	112	44,000
China	348	119,000	2,810	1,840,000
Hong Kong	5	3,460	167	96,100
India	152	38,200	883	365,000
Indonesia	12	2,890	371	179,000
Japan	11	8,220	436	324,000
Korea, Republic of	20	9,390	2,620	1,200,000
Malaysia	(3)	202	1,260	512,000
Singapore	(3)	64	47	13,200
Taiwan	60	21,500	2,480	1,170,000
Thailand	31	7,240	1,060	451,000
Vietnam	24	5,060	310	111,000
Other <sup>4</sup>	(3)	177	1	5,500
Total	678	220,000	12,600	6,310,000
Grand total	1,460	410,000	21,500	10,400,000

See footnotes at end of table.

TABLE 6--Continued  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY<sup>1, 2</sup>

(Thousand metric tons and thousand dollars)

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-- Zero.

<sup>1</sup>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.

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

<sup>3</sup>Less than ½ unit.

<sup>4</sup>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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and customs district	December 2008		Year to date	
	Quantity	Value	Quantity	Value
<b>Canadian-U.S. Border:</b>				
Buffalo, NY	3	1,330	282	161,000
Chicago, IL	20	4,550	39	15,900
Detroit, MI	11	3,710	502	199,000
Duluth, MN	2	267	59	19,300
Great Falls, MT	1	190	22	6,490
Ogdensburg, NY	1	408	82	37,900
Pembina, ND	26	6,550	529	205,000
Other <sup>3</sup>	5	569	85	13,100
Total	69	17,600	1,600	657,000
<b>East Coast:</b>				
Baltimore, MD	4	2,620	116	56,500
Boston, MA	134	27,200	1,560	690,000
Charleston, SC	5	1,520	166	86,400
Charlotte, NC	1	334	55	32,000
Miami, FL	10	3,570	246	167,000
New York, NY	288	84,900	3,230	1,700,000
Norfolk, VA	54	10,200	372	161,000
Philadelphia, PA	71	15,800	993	437,000
Portland, ME	(4)	53	115	63,700
Providence, RI	--	--	442	206,000
Savannah, GA	6	4,100	370	224,000
St. Albans, VT	(4)	148	94	36,400
Washington, DC	--	--	(4)	166
Total	573	150,000	7,760	3,860,000
<b>Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):</b>				
El Paso, TX	(4)	11	5	664
Houston-Galveston, TX	16	6,910	500	246,000
Laredo, TX	10	2,040	306	87,400
Mobile, AL	4	2,110	75	39,300
New Orleans, LA	157	38,900	955	473,000
Nogales, AZ	--	--	9	3,960
San Juan, PR	6	1,460	177	49,700
Tampa, FL	22	11,000	520	220,000
Other	(4)	(4)	(4)	190
Total	215	62,400	2,550	1,120,000
<b>West Coast and Hawaii:</b>				
Columbia-Snake, OR	62	13,600	937	454,000
Honolulu, HI and Anchorage, AK	3	635	186	75,000
Los Angeles, CA	245	90,200	5,860	3,030,000
San Diego, CA	1	99	19	6,200
San Francisco, CA	204	53,300	1,440	618,000
Seattle, WA	87	21,800	1,180	541,000
Total	602	180,000	9,630	4,730,000
Grand total	1,460	410,000	21,500	10,400,000

-- Zero.

<sup>1</sup>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.

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

<sup>3</sup>Includes Code 70, which is for low-valued exports from the United States to Canada.

<sup>4</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 8  
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	December 2008		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	459	103,000	5,240	2,360,000
No. 2 heavy melting steel	50	12,300	382	113,000
No. 1 bundles	6	1,580	248	62,800
No. 2 bundles	(3)	4	23	6,400
Shredded steel scrap	637	152,000	8,410	3,330,000
Borings, shovelings and turnings	7	763	152	17,700
Cut plate and structural	34	8,610	859	332,000
Tinned iron or steel	7	2,300	140	64,300
Remelting scrap ingots	3	4,730	77	101,000
Cast iron	22	8,030	589	262,000
Other iron and steel	70	21,900	2,740	1,200,000
Total carbon steel and cast iron	1,300	316,000	18,900	7,850,000
Stainless steel	61	42,000	1,000	1,190,000
Other alloy steel	103	52,300	1,680	1,330,000
Total stainless and alloy steel	164	94,300	2,680	2,520,000
Total carbon, stainless, alloy steel and cast iron	1,460	410,000	21,500	10,400,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	4	354
Used rails for rerolling and other uses	5	4,120	76	54,900
Total scrap exports	1,460	414,000	21,600	10,400,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	53	27	10,400
Pig iron > 0.5% phosphorus	--	--	(3)	32
Alloy pig iron	(3)	12	24	891
Total pig iron	(3)	65	51	11,400
Direct-reduced iron (DRI)	(3)	5	1	97
Spongy iron products, not DRI	(3)	214	14	7,770
Granules for abrasive cleaning and other uses	2	2,790	34	48,500
Powders of alloy steel	(3)	1,080	8	32,800
Other ferrous powders	5	5,690	110	112,000
Total DRI, granules, powders	8	9,790	167	202,000
Grand total	1,470	424,000	21,800	10,600,000

-- Zero.

<sup>1</sup>Export valuation is on a free-alongside-ship basis.

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 9  
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP BY SELECTED COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Country	December 2008		Year to date	
	Quantity	Value	Quantity	Value
Bahamas, The	(3)	15	4	1,240
Brazil	--	--	3	1,930
Canada	165	37,500	2,790	1,020,000
Denmark	--	--	15	11,300
Finland	(3)	5	17	4,780
Germany	(3)	6	5	5,430
Guadeloupe	--	--	8	2,150
Japan	(3)	25	28	2,870
Mexico	17	4,410	333	151,000
Netherlands	--	--	61	36,800
Netherlands Antilles	--	--	6	2,400
Panama	--	--	1	675
Sweden	(3)	18	88	44,100
United Kingdom	(3)	30	223	153,000
Other <sup>4</sup>	(3)	81	11	16,100
Total	183	42,100	3,600	1,450,000

-- Zero.

<sup>1</sup>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.

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

<sup>3</sup>Less than ½ unit.

<sup>4</sup>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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Customs district	December 2008		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	32	8,170	496	258,000
Charleston, SC	(3)	6	284	154,000
Chicago, IL	--	--	35	3,990
Detroit, MI	76	14,200	1,060	391,000
Duluth, MN	5	1,160	69	23,500
El Paso, TX	1	472	53	26,600
Great Falls, MT	2	403	59	23,200
Houston-Galveston, TX	(3)	5	30	36,000
Laredo, TX	13	2,820	85	48,300
New Orleans, LA	--	--	141	99,300
Ogdensburg, NY	1	250	19	22,500
Pembina, ND	2	596	72	35,700
San Diego, CA	3	920	177	49,400
Seattle, WA	47	12,700	820	201,000
Other	(3)	391	195	76,000
Total	183	42,100	3,600	1,450,000

-- Zero.

<sup>1</sup>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.

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

<sup>3</sup>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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	December 2008		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	9	2,180	166	56,300
No. 2 heavy melting steel	2	299	36	11,600
No. 1 bundles	42	8,180	866	458,000
No. 2 bundles	1	200	36	8,150
Shredded steel scrap	31	5,880	444	129,000
Borings, shovelings and turnings	1	262	76	19,300
Cut plate and structural	7	1,210	162	42,600
Tinned iron or steel	(3)	116	26	7,040
Remelting scrap ingots	(3)	2	(3)	9
Cast iron	13	1,810	349	95,100
Other iron and steel	30	5,130	666	219,000
Total carbon steel and cast iron	137	25,300	2,830	1,050,000
Stainless steel	4	2,550	140	217,000
Other alloy steel	42	14,300	629	186,000
Total stainless and alloy steel	46	16,900	769	403,000
Total carbon, stainless, alloy steel and cast iron	183	42,100	3,600	1,450,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	18
Total scrap imports	183	42,100	3,600	1,450,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	119	57,500	4,980	2,800,000
Pig iron > or = 0.5% phosphorus	--	--	(3)	67
Alloy pig iron	--	--	(3)	31
Total pig iron	119	57,500	4,980	2,800,000
Direct-reduced iron (DRI)	31	16,600	2,340	971,000
Spongy iron products, not DRI	(3)	254	219	85,800
Granules for abrasive cleaning and other uses	3	1,990	37	28,300
Powders of alloy steel	4	6,210	62	104,000
Other ferrous powders	2	4,100	59	67,900
Total DRI, granules, powders	40	29,100	2,710	1,260,000
Grand total	342	129,000	11,300	5,500,000

-- Zero.

<sup>1</sup>Import valuation is on a Customs basis.

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

<sup>3</sup>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<sup>1</sup>

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date <sup>2</sup>	Monthly	Year to date	Monthly	Year to date
2008:						
January	8,924	8,924	90.3	90.3	96.8	96.8
February	8,215	17,139	91.6	90.9	97.1	96.9
March	8,598	25,735	89.7	90.5	97.0	96.9
April	8,376	34,111	90.3	90.5	96.6	96.8
May	8,732	42,843	91.1	90.6	97.1	96.9
June	8,373	51,216	90.3	90.5	97.2	96.9
July	8,517	59,733	88.8	90.3	97.5	97.0
August	8,668	68,401	90.4	90.3	97.4	97.1
September	7,842	76,243	84.5	89.7	97.2	97.1
October	6,759	83,002	70.5	88.0	96.3	97.0
November	4,699	87,701	50.7	84.7	96.5	97.0
December	3,918	91,619	40.9	80.9	96.2	96.9
2009:						
January	3,914	3,914	42.6	42.6	95.9	95.9

<sup>1</sup>Data are rounded to no more than three significant digits.

<sup>2</sup>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 <sup>1</sup>	
	\$/t	\$/t	\$/t	\$/t	\$/t	\$/t
2008:						
January	325.64	320.50	309.17	304.29	423.67	416.98
February	329.90	324.69	324.17	319.05	484.50	476.85
March	352.44	346.87	345.44	339.98	563.88	554.97
April	469.32	461.91	502.10	494.17	657.86	647.47
May	513.65	505.54	516.67	508.51	825.50	812.46
June	500.16	492.26	501.63	493.71	924.56	909.96
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	99.13	100.00	98.40	647.19	636.83
December	176.35	173.53	168.67	165.97	647.19	636.83
Average	353.60	348.02	354.59	348.98	739.95	728.25
2009:						
January	200.17	196.97	201.74	198.51	647.19	636.83

<sup>1</sup>Prices are Brazilian basic pig iron, f.o.b. New Orleans, LA.

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