

# 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: hphamdang@usgs.gov

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

## IRON AND STEEL SCRAP IN JANUARY 2011

On a daily average basis in January 2011, estimated consumption of iron and steel scrap was up slightly, net receipts of purchased scrap were up 9%, and home scrap production was unchanged from those of December 2010, according to the U.S. Geological Survey. Stocks of purchased and home scrap at the end of January 2011 were up slightly from those at the end of December 2010. These observations are based upon responses from about 28% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 37% 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 January was down slightly and consumption was unchanged from those in December 2010. Stocks of pig iron at the end of January were up 6% from those at the end of December 2010.

Exports of iron and steel scrap for the month of December 2010 decreased 10% from those of November 2010. Turkey was the leading country of destination, accounting for 31% of the total tonnage of exports, followed by Taiwan, with 18%, and the China, with 11% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for

17% of the total, followed by New York, NY, with 12%, and New Orleans, LA, with 12% (table 7).

Imports of iron and steel scrap for December 2010 increased 7% from those of November. Canada was the leading country of origin, accounting for 73% of the total tonnage of imports, followed by Mexico, with 15% (table 9). Detroit, MI, was the leading U.S. Customs districts for tonnage of imports, accounting for 36% of the total, followed by Seattle, WA, with 23%, and Charleston, SC, with 11% (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 232,000 metric tons, up 8% from that in December 2010, and up 15% from that in January 2010 (table 12). The electric furnace portion of raw steel production for January was 63%, up from 61% in December 2010, and up from 62% in January 2010.

Raw steel production capability utilization (AISI data) in January was 73%, up from 68% in December 2010, and up from 64% in January 2010 (table 12). Continuous cast steel production in January accounted for 96% of total raw steel production, down from 98% in December 2010 and down from 98% in January 2010.

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

(Thousand metric tons)

	January 2011			Year to date <sup>3</sup>		
	Integrated steel producers <sup>4</sup>	Electric furnace steel producers <sup>5</sup>	Total for steel producers	Integrated steel producers <sup>4</sup>	Electric furnace steel producers <sup>5</sup>	Total for steel producers
<b>Scrap:</b>						
Receipts from dealers and other sources	1,510	2,280	3,790	1,510	2,280	3,790
Receipts from other own company plants	11	234	245	11	234	245
Production recirculating scrap	340	266	606	340	266	606
Production obsolete scrap	W	W	7	W	W	7
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	898	W	W	898
Electric furnace	947	2,550	3,490	947	2,550	3,490
Other (including air furnace) <sup>6</sup>	W	--	W	W	--	W
Total consumption	1,770	2,740	4,500	1,770	2,740	4,500
Shipments	95	22	117	95	22	117
Stocks end of month	1,210	1,810	3,020	XX	XX	XX
<b>Pig iron (includes hot metal):</b>						
Receipts	573	101	674	573	101	674
Production	W	W	2,370	W	W	2,370
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	2,800	W	W	2,800
Direct castings <sup>7</sup>	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,910	101	3,010	2,910	101	3,010
Shipments	W	W	5	W	W	5
Stocks at end of month	W	W	414	XX	XX	XX
<b>Direct-reduced iron:<sup>8</sup></b>						
Receipts	W	W	69	W	W	69
Production	--	--	--	--	--	--
Total consumption	92	33	125	92	33	125
Shipments	--	--	--	--	--	--
Stocks end of month	89	15	104	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.

<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 2011 data are based on returns from 28% of consumer surveys, representing 37% of scrap consumption during this month, and estimates for nonrespondents of this survey.

<sup>3</sup>Prior months' data may have been revised.

<sup>4</sup>Includes data for electric furnaces operated by integrated steel producers.

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

<sup>6</sup>Includes vacuum melting furnaces and miscellaneous uses.

<sup>7</sup>Includes ingot molds and stools.

<sup>8</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 2011				Year to date <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>4</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>4</sup>
Carbon steel:							
Low-phosphorus plate and punchings	55	W	58	W	55	W	58
Cut structural and plate	289	54	343	229	289	54	343
No. 1 heavy melting steel	391	81	484	345	391	81	484
No. 2 heavy melting steel	513	20	503	372	513	20	503
No. 1 and electric furnace bundles	196	W	272	206	196	W	272
No. 2 and all other bundles	82	W	90	42	82	W	90
Electric furnace 1 foot and under (not bundles)	3	W	10	W	3	W	10
Railroad rails	14	W	18	6	14	W	18
Turnings and borings	164	3	188	85	164	3	188
Slag scrap	79	88	128	165	79	88	128
Shredded and fragmentized	945	W	1,090	608	945	W	1,090
No. 1 busheling	353	15	354	216	353	15	354
Steel cans (post consumer)	8	--	9	4	8	--	9
All other carbon steel scrap	374	130	482	268	374	130	482
Stainless steel scrap	78	32	119	48	78	32	119
Alloy steel scrap	8	20	59	40	8	20	59
Ingot mold and stool scrap	W	W	6	12	W	W	6
Machinery and cupola cast iron	W	W	2	2	W	W	2
Cast iron borings	W	W	W	W	W	W	W
Motor blocks	--	--	--	--	--	--	--
Other iron scrap	75	19	94	131	75	19	94
Other mixed scrap	130	20	168	93	130	20	168
Total	3,790	606	4,500	3,020	3,790	606	4,500

<sup>0</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>Prior months' data may have been revised.

<sup>4</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 2011			Year to date <sup>p, 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>4</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>4</sup>
<b>Mid-Atlantic and New England:</b>						
New Jersey, New York, Pennsylvania	408	148	599	408	148	599
<b>North Central:</b>						
Illinois and Indiana	466	141	572	466	141	572
Iowa, Minnesota, Nebraska, Wisconsin	220	9	247	220	9	247
Michigan	143	64	163	143	64	163
Ohio	540	64	600	540	64	600
Total	1,370	278	1,580	1,370	278	1,580
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	232	53	294	232	53	294
Georgia, North Carolina, South Carolina	283	12	322	283	12	322
Total	515	65	616	515	65	616
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	617	30	659	617	30	659
Arkansas, Louisiana, Oklahoma, Texas	556	43	665	556	43	665
Total	1,170	73	1,320	1,170	73	1,320
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	323	42	381	323	42	381
Grand total	3,790	606	4,500	3,790	606	4,500

<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>Prior months' data may have been revised.

<sup>4</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 2011					Year to date <sup>5</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	20	W	--	W	W	20	W	--	W	W
Cut structural and plate	44	106	58	74	W	44	106	58	74	W
No. 1 heavy melting steel	65	125	38	149	W	65	125	38	149	W
No. 2 heavy melting steel	10	250	58	168	W	10	250	58	168	W
No. 1 and electric furnace bundles	6	123	W	46	W	6	123	W	46	W
No. 2 and all other bundles	12	40	W	W	W	12	40	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	W	W	W	W	W	W	W
Turnings and borings	15	52	20	73	4	15	52	20	73	4
Slag scrap	11	28	W	23	W	11	28	W	23	W
Shredded and fragmentized	76	229	208	369	63	76	229	208	369	63
No. 1 busheling	53	123	W	152	W	53	123	W	152	W
Steel cans (post consumer)	4	W	--	--	W	4	W	--	--	W
All other carbon steel scrap	39	183	W	51	W	39	183	W	51	W
Stainless steel scrap	44	W	--	W	--	44	W	--	W	--
Alloy steel scrap	1	2	--	W	--	1	2	--	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	2	W	W	W	W	2	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	4	29	W	W	W	4	29	W	W	W
Other mixed scrap	W	5	W	7	W	W	5	W	7	W
Total	408	1,370	515	1,170	323	408	1,370	515	1,170	323

<sup>0</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.

<sup>5</sup>Prior months' data may have been revised.

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 2011					Year to date <sup>4</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	20	W	1	W	W	20	W	1	W	W
Cut structural and plate	51	117	92	76	W	51	117	92	76	W
No. 1 heavy melting steel	104	145	36	174	26	104	145	36	174	26
No. 2 heavy melting steel	16	230	58	171	W	16	230	58	171	W
No. 1 and electric furnace bundles	18	183	W	50	W	18	183	W	50	W
No. 2 and all other bundles	12	37	W	18	W	12	37	W	18	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	4	W	W	W	--	4	W
Turnings and borings	30	59	22	73	4	30	59	22	73	4
Slag scrap	16	55	W	39	W	16	55	W	39	W
Shredded and fragmentized	104	243	228	454	63	104	243	228	454	63
No. 1 busheling	52	129	28	140	W	52	129	28	140	W
Steel cans (post consumer)	4	W	--	--	W	4	W	--	--	W
All other carbon steel scrap	68	205	32	61	W	68	205	32	61	W
Stainless steel scrap	64	W	--	W	--	64	W	--	W	--
Alloy steel scrap	14	35	--	W	--	14	35	--	W	--
Ingot mold and stool scrap	W	1	--	W	--	W	1	--	W	--
Machinery and cupola cast iron	W	1	W	--	--	W	1	W	--	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Motor blocks	--	--	--	--	--	--	--	--	--	--
Other iron scrap	12	37	W	7	W	12	37	W	7	W
Other mixed scrap	W	16	W	6	W	W	16	W	6	W
Total	599	1,580	616	1,320	381	599	1,580	616	1,320	381

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.

<sup>4</sup>Prior months' data may have been revised.

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 2010		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
North America and South America:				
Argentina	(4)	89	4	1,450
Brazil	--	--	61	20,600
Canada	84	25,300	1,360	417,000
Chile	(4)	22	1	453
Dominican Republic	1	365	3	959
Ecuador	31	11,100	31	11,100
Jamaica	(4)	8	1	291
Mexico	20	6,220	665	213,000
Peru	30	11,000	281	98,200
Trinidad and Tobago	(4)	16	1	496
Venezuela	1	379	16	7,270
Other <sup>5</sup>	1	384	5	2,700
Total	168	54,900	2,430	774,000
Africa, Europe, Middle East:				
Austria	(4)	254	1	2,860
Belgium	(4)	593	9	20,100
Egypt	73	23,300	649	228,000
Finland	6	12,900	43	91,700
France	2	260	8	3,010
Germany	(4)	933	8	3,540
Greece	1	230	73	21,800
Israel	(4)	23	2	960
Italy	27	10,200	179	71,200
Libya	--	--	3	453
Netherlands	1	1,700	21	19,500
Pakistan	14	6,850	174	70,100
Qatar	--	--	1	490
Spain	4	932	20	32,100
Swaziland	--	--	1	187
Sweden	(4)	601	3	9,070
Turkey	552	201,000	4,350	1,530,000
United Arab Emirates	1	280	5	1,690
United Kingdom	(4)	236	7	7,750
Other <sup>5</sup>	(4)	361	5	2,620
Total	681	261,000	5,570	2,120,000
Asia, Australia, Oceania:				
Bangladesh	5	1,910	36	13,800
China	204	128,000	3,210	1,800,000
Hong Kong	6	4,600	95	83,500
India	57	23,200	976	347,000
Indonesia	43	16,300	390	145,000
Japan	4	8,260	173	170,000
Korea, Republic of	106	48,400	2,820	1,030,000
Malaysia	61	21,900	802	311,000
Singapore	1	369	7	2,880
Taiwan	316	137,000	2,820	1,160,000
Thailand	77	28,700	562	204,000
Vietnam	60	21,200	647	221,000
Other <sup>5</sup>	(4)	378	3	4,510
Total	940	440,000	12,500	5,490,000
Grand total	1,790	756,000	20,500	8,380,000

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)

---

-- 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>Prior months' data may have been revised.

<sup>4</sup>Less than ½ unit.

<sup>5</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 2010		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>Canadian-U.S. Border:</b>				
Buffalo, NY	15	5,790	315	120,000
Chicago, IL	(4)	192	13	5,400
Cleveland, OH	(4)	25	4	1,810
Detroit, MI	14	3,560	294	86,700
Duluth, MN	8	2,420	74	22,700
Great Falls, MT	(4)	220	10	2,110
Ogdensburg, NY	3	883	47	15,000
Pembina, ND	35	13,900	431	148,000
Other <sup>5</sup>	7	610	92	10,100
<b>Total</b>	<b>82</b>	<b>27,600</b>	<b>1,280</b>	<b>412,000</b>
<b>East Coast:</b>				
Baltimore, MD	45	17,700	264	102,000
Boston, MA	92	33,700	1,040	360,000
Charleston, SC	15	9,390	161	94,300
Charlotte, NC	1	1,770	20	21,500
Miami, FL	44	15,400	481	166,000
New York, NY	220	106,000	2,580	1,170,000
Norfolk, VA	79	28,200	360	166,000
Philadelphia, PA	98	36,700	919	321,000
Portland, ME	23	9,080	173	65,000
Providence, RI	90	33,700	449	155,000
Savannah, GA	30	19,000	443	247,000
St. Albans, VT	4	1,490	69	22,300
<b>Total</b>	<b>741</b>	<b>312,000</b>	<b>6,950</b>	<b>2,890,000</b>
<b>Gulf Coast and Mexican-U.S.</b>				
<b>Border (includes Caribbean territories):</b>				
El Paso, TX	1	240	26	7,070
Houston-Galveston, TX	80	31,200	888	340,000
Laredo, TX	18	5,720	347	113,000
Mobile, AL	40	19,200	97	47,100
New Orleans, LA	207	74,200	1,290	477,000
San Juan, PR	17	5,020	338	92,300
Tampa, FL	3	2,070	505	184,000
U.S. Virgin Islands	--	--	19	5,250
Other	1	19	1	183
<b>Total</b>	<b>367</b>	<b>138,000</b>	<b>3,510</b>	<b>1,270,000</b>
<b>West Coast and Hawaii:</b>				
Columbia-Snake, OR	129	48,700	1,270	466,000
Honolulu, HI and Anchorage, AK	4	1,400	174	59,200
Los Angeles, CA	299	163,000	4,000	2,030,000
San Diego, CA	1	268	28	7,620
San Francisco, CA	85	33,800	2,120	798,000
Seattle, WA	81	32,000	1,190	450,000
<b>Total</b>	<b>599</b>	<b>279,000</b>	<b>8,790</b>	<b>3,810,000</b>
<b>Grand total</b>	<b>1,790</b>	<b>756,000</b>	<b>20,500</b>	<b>8,380,000</b>

-- 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>Prior months' data may have been revised.

<sup>4</sup>Less than ½ unit.

<sup>5</sup>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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	December 2010		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	573	211,000	5,650	1,940,000
No. 2 heavy melting steel	68	23,900	1,030	331,000
No. 1 bundles	28	6,590	326	80,900
No. 2 bundles	(3)	118	54	21,900
Shredded steel scrap	585	216,000	7,440	2,640,000
Borings, shovelings and turnings	6	959	63	10,500
Cut plate and structural	153	56,100	824	302,000
Tinned iron or steel	6	4,190	81	52,400
Remelting scrap ingots	4	5,020	27	34,200
Cast iron	30	13,200	516	197,000
Other iron and steel	175	68,600	2,680	1,000,000
Total carbon steel and cast iron	1,630	606,000	18,700	6,600,000
Stainless steel	94	94,200	936	936,000
Other alloy steel	66	55,500	916	840,000
Total stainless and alloy steel	160	150,000	1,850	1,780,000
Total carbon, stainless, alloy steel and cast iron	1,790	756,000	20,500	8,380,000
Ships, boats, and other vessels for breaking up (for scrapping)	1	102	5	743
Used rails for rerolling and other uses	4	2,390	49	41,000
Total scrap exports	1,790	758,000	20,600	8,420,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	3	1,020	23	10,600
Pig iron > 0.5% phosphorus	--	--	(3)	6
Alloy pig iron	(3)	140	2,220	4,350
Total pig iron	3	1,160	2,240	15,000
Direct-reduced iron (DRI)	--	--	1	115
Spongy iron products, not DRI	1	459	5	3,090
Granules for abrasive cleaning and other uses	2	3,430	30	41,300
Powders of alloy steel	(3)	2,520	6	28,900
Other ferrous powders	10	10,700	128	137,000
Total DRI, granules, powders	14	17,100	170	210,000
Grand total	1,810	776,000	23,000	8,650,000

-- 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 2010		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
Argentina	--	--	3	2,310
Bahamas, The	1	159	9	2,560
Brazil	(4)	23	1	1,790
Canada	229	73,100	2,700	964,000
Cayman Islands	(4)	40	2	646
Egypt	(4)	104	1	1,240
France	1	277	1	479
Germany	(4)	67	76	28,900
Israel	(4)	38	1	976
Japan	1	148	2	1,110
Jordan	--	--	1	147
Mexico	46	18,800	440	197,000
Netherlands	(4)	5	136	49,700
Peru	--	--	1	522
Sweden	35	13,200	117	38,800
Taiwan	(4)	441	4	8,900
United Kingdom	(4)	224	274	106,000
Venezuela	--	--	1	3,260
Other <sup>5</sup>	(4)	266	8	9,430
Total	313	107,000	3,780	1,420,000

-- 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>Prior months' data may have been revised.

<sup>4</sup>Less than ½ unit.

<sup>5</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 2010		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
Buffalo, NY	27	12,900	518	282,000
Charleston, SC	35	13,300	224	83,800
Chicago, IL	(4)	118	2	1,270
Cleveland, OH	(4)	84	1	2,760
Columbia-Snake, OR	--	--	34	9,890
Detroit, MI	111	36,200	974	363,000
Duluth, MN	4	1,870	30	14,500
El Paso, TX	5	1,780	77	28,600
Galveston, TX	(4)	120	3	9,770
Great Falls, MT	13	4,200	184	58,600
Laredo, TX	18	10,700	156	109,000
Los Angeles, CA	(4)	525	7	11,500
Miami, FL	(4)	89	8	1,660
Mobile, AL	(4)	40	61	23,700
New Orleans, LA	--	--	299	107,000
New York, NY	1	338	3	1,900
Nogales, AZ	1	375	11	3,940
Ogdensburg, NY	2	2,550	29	37,100
Pembina, ND	1	810	34	21,400
Philadelphia, PA	(4)	43	17	7,190
Portland, ME	(4)	242	8	5,710
San Diego, CA	23	5,940	194	54,400
Seattle, WA	71	14,500	889	173,000
Other	1	187	15	5,710
Total	313	107,000	3,780	1,420,000

-- 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>Prior months' data may have been revised.

<sup>4</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 2010		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	14	4,320	164	48,700
No. 2 heavy melting steel	6	1,630	68	18,400
No. 1 bundles	76	29,500	1,190	457,000
No. 2 bundles	3	766	33	6,360
Shredded steel scrap	52	13,600	441	98,200
Borings, shovelings and turnings	8	1,880	95	21,400
Cut plate and structural	14	3,330	175	43,700
Tinned iron or steel	4	1,110	68	14,300
Remelting scrap ingots	--	--	(3)	190
Cast iron	11	3,270	143	42,300
Other iron and steel	34	9,330	468	123,000
Total carbon steel and cast iron	222	68,700	2,840	873,000
Stainless steel	13	18,000	195	305,000
Other alloy steel	78	20,200	740	240,000
Total stainless and alloy steel	91	38,200	935	545,000
Total carbon, stainless, alloy steel and cast iron	313	107,000	3,780	1,420,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	226
Total scrap imports	313	107,000	3,780	1,420,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	307	129,000	3,780	1,540,000
Pig iron > or = 0.5% phosphorus	--	--	--	--
Alloy pig iron	(3)	18	(3)	430
Total pig iron	307	129,000	3,780	1,540,000
Direct-reduced iron (DRI)	154	63,600	1,640	607,000
Spongy iron products, not DRI	(3)	493	1	4,030
Granules for abrasive cleaning and other uses	1	1,370	44	25,300
Powders of alloy steel	4	9,540	57	99,700
Other ferrous powders	3	5,910	41	69,300
Total DRI, granules, powders	162	80,900	1,790	806,000
Grand total	782	317,000	9,340	3,760,000

-- 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	Monthly	Year	Monthly	Year
		to date <sup>2</sup>		to date <sup>2</sup>		to date <sup>2</sup>
2010:						
January	6,230	6,230	64.2	64.2	98.0	97.5
February	6,240	12,500	71.1	67.5	97.5	97.3
March	7,110	19,600	73.2	69.4	97.1	97.2
April	6,960	26,500	74.0	70.6	97.4	97.3
May	5,130	31,700	74.8	71.4	97.6	97.4
June	7,090	38,800	75.4	72.1	97.7	97.4
July	6,760	45,500	69.6	71.7	97.7	97.4
August	6,620	52,100	68.1	71.3	97.5	97.4
September	6,600	58,800	70.2	71.2	97.5	97.4
October	6,540	65,300	67.3	70.8	97.1	97.4
November	6,420	71,700	68.3	70.5	97.3	97.4
December	6,650	78,400	68.4	70.4	97.5	97.4
2011, January	7,190	7,190	73.2	73.2	96.3	96.3

<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>	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
	2009:					
December	252.14	248.16	254.83	250.81	362.60	356.87
Average, January - December	207.53	204.25	207.49	204.21	375.02	369.10
2010:						
January	295.35	290.69	294.25	289.60	387.86	381.73
February	299.74	295.01	302.33	297.56	343.57	338.14
March	345.94	340.48	343.57	338.14	463.80	456.47
April	370.91	365.05	373.58	367.68	537.59	529.10
May	340.83	335.45	346.75	341.27	543.18	534.60
June	325.30	320.16	324.16	319.04	519.18	510.98
July	298.89	294.17	295.50	290.83	490.22	482.48
August	324.85	319.72	322.36	317.27	473.96	466.47
September	347.56	342.07	346.09	340.62	474.09	466.60
October	319.45	314.40	322.50	317.41	470.41	462.98
November	338.25	332.91	334.83	329.54	371.25	365.39
December	371.84	365.97	279.96	275.54	495.81	487.98

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

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