

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN NOVEMBER 2010

On a daily average basis in November 2010, estimated consumption of iron and steel scrap was up 5%, net receipts of purchased scrap were up 6%, and home scrap production was up 5% from those of October 2010, according to the U.S. Geological Survey. Stocks of purchased and home scrap at the end of November 2010 were up slightly from those at the end of October 2010. These observations are based upon responses from about 30% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 38% 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 November was up 8% and consumption was up 8% from those in October 2010. Stocks of pig iron at the end of November were down 7% from those at the end of October 2010.

Exports of iron and steel scrap for the month of October 2010 increased by 20% from those of September 2010. China was the leading country of destination, accounting for 19% of the total tonnage of exports, followed by Turkey, with 17%, and the Republic of Korea, with 15% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 21% of the total, followed by San Francisco, CA, with 16%, and New York, NY, with 10% (table 7).

Imports of iron and steel scrap for October 2010 increased by 16% from those of September. Canada was the leading country of origin, accounting for 85% of the total tonnage of imports, followed by Mexico, with 13% (table 9). Detroit, MI, and Seattle, WA, were the leading U.S. Customs districts for tonnage of imports, each accounting for 27% of the total, followed by Buffalo, NY, with 20% (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 214,000 metric tons, up slightly from that in October 2010, and up 13% from that in November 2009 (table 12). The electric furnace portion of raw steel production for November was 62%, down from 64% in October 2010, and up from 61% in November 2009.

Raw steel production capability utilization (AISI data) in November was 68%, up from 67% in October 2010, and up from 61% in November 2009 (table 12). Continuous cast steel production in November accounted for 97% of total raw steel production, the same as in October 2010 and down from that in November 2009.

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

(Thousand metric tons)

	November 2010			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	1,300	2,110	3,410	14,700	23,100	37,800
Receipts from other own company plants	37	276	313	402	2,740	3,150
Production recirculating scrap	344	258	602	3,660	2,960	6,620
Production obsolete scrap	W	W	10	W	W	134
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	W	W	W	W
Basic oxygen process	W	W	888	W	W	8,950
Electric furnace	784	2,320	3,100	9,430	26,100	35,600
Other (including air furnace) <sup>6</sup>	W	--	W	W	--	W
Total consumption	1,560	2,580	4,140	17,600	28,400	46,000
Shipments	97	31	128	1,060	292	1,350
Stocks end of month	1,320	1,740	3,060	XX	XX	XX
<b>Pig iron (includes hot metal):</b>						
Receipts	469	64	533	8,080	971	9,050
Production	W	W	2,340	W	W	22,200
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	2,750	W	W	28,300
Direct castings <sup>7</sup>	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,830	75	2,900	30,100	973	31,100
Shipments	W	W	5	W	W	82
Stocks at end of month	W	W	474	XX	XX	XX
<b>Direct-reduced iron:<sup>8</sup></b>						
Receipts	W	W	92	W	W	1,250
Production	--	--	--	--	--	--
Total consumption	81	30	111	925	355	1,280
Shipments	--	--	--	--	W	W
Stocks end of month	113	13	126	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. November 2010 data are based on returns from 30% of consumer surveys, representing 38% 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	November 2010				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	53	W	55	W	610	W	635
Cut structural and plate	250	54	316	213	2,890	558	3,530
No. 1 heavy melting steel	355	81	452	324	3,940	912	5,000
No. 2 heavy melting steel	458	21	505	353	4,890	224	5,210
No. 1 and electric furnace bundles	189	W	262	221	2,300	W	3,120
No. 2 and all other bundles	88	W	81	58	860	W	856
Electric furnace 1 foot and under (not bundles)	3	W	3	W	33	W	78
Railroad rails	12	W	26	4	153	W	220
Turnings and borings	152	4	178	91	1,570	41	1,780
Slag scrap	87	92	128	175	840	903	1,290
Shredded and fragmentized	823	W	962	633	9,350	W	10,700
No. 1 busheling	346	13	319	279	3,600	189	3,820
Steel cans (post consumer)	8	--	8	5	88	--	90
All other carbon steel scrap	301	135	435	238	3,460	1,480	4,950
Stainless steel scrap	62	30	97	51	7,880	333	1,180
Alloy steel scrap	6	18	56	30	91	305	534
Ingot mold and stool scrap	W	W	5	11	W	W	54
Machinery and cupola cast iron	W	W	3	3	W	W	17
Cast iron borings	W	W	W	W	191	W	185
Motor blocks	--	--	--	--	--	--	--
Other iron scrap	70	18	145	95	830	176	1,010
Other mixed scrap	128	14	145	95	1,300	164	1,690
Total	3,410	602	4,140	3,060	37,800	6,620	46,000

<sup>3</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	November 2010			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	397	150	559	4,270	1,650	6,600
<b>North Central:</b>						
Illinois and Indiana	409	146	532	4,480	1,590	5,850
Iowa, Minnesota, Nebraska, Wisconsin	201	5	215	2,220	63	2,390
Michigan	141	68	155	1,420	673	1,570
Ohio	448	64	566	4,940	736	5,820
Total	1,200	283	1,470	13,100	3,060	15,600
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	230	53	282	2,380	591	3,140
Georgia, North Carolina, South Carolina	285	10	299	2,900	120	3,240
Total	515	63	581	5,280	711	6,370
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	469	32	558	5,850	396	6,430
Arkansas, Louisiana, Oklahoma, Texas	534	43	650	6,200	485	7,240
Total	1,000	75	1,210	12,000	881	13,700
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	298	31	324	3,140	320	3,690
Grand total	3,410	602	4,140	37,800	6,620	46,000

<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	November 2010					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	17	W	--	W	W	192	W	--	W	W
Cut structural and plate	36	82	63	62	W	436	960	722	696	W
No. 1 heavy melting steel	63	82	27	142	W	696	1,110	328	1,650	W
No. 2 heavy melting steel	10	217	46	164	W	111	2,220	539	1,800	W
No. 1 and electric furnace bundles	7	125	W	35	W	108	1,390	W	492	W
No. 2 and all other bundles	13	37	W	W	W	146	404	119	171	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	14	48	20	65	5	158	475	217	663	53
Slag scrap	11	34	W	24	W	121	249	W	273	W
Shredded and fragmentized	71	193	210	295	54	786	2,210	1,880	3,880	594
No. 1 busheling	81	114	W	119	W	609	1,270	316	1,360	W
Steel cans (post consumer)	4	W	--	--	W	41	W	--	--	W
All other carbon steel scrap	31	144	W	39	W	329	1,680	W	492	W
Stainless steel scrap	28	W	--	W	--	407	W	--	W	--
Alloy steel scrap	1	2	--	W	--	18	44	--	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	27	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	4	27	W	W	W	56	296	W	W	W
Other mixed scrap	W	3	W	W	W	W	41	W	W	W
Total	397	1,200	515	1,000	298	4,270	13,100	5,280	12,000	3,140

<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	November 2010					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	18	W	W	W	W	200	W	W	W	W
Cut structural and plate	47	100	95	67	W	551	1,130	1,040	737	W
No. 1 heavy melting steel	101	130	34	162	W	1,150	1,350	379	1,850	277
No. 2 heavy melting steel	16	239	47	179	W	177	2,270	548	1,960	W
No. 1 and electric furnace bundles	18	183	W	39	W	240	2,050	W	516	W
No. 2 and all other bundles	13	37	W	16	W	147	406	96	188	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	6	W	W	W	--	69	W
Turnings and borings	30	53	23	67	5	335	495	224	667	54
Slag scrap	16	55	W	40	W	178	479	W	438	W
Shredded and fragmentized	93	209	208	398	54	1,080	2,390	2,240	4,400	594
No. 1 busheling	45	122	26	122	W	642	1,380	319	1,440	W
Steel cans (post consumer)	4	W	--	--	W	42	W	--	--	W
All other carbon steel scrap	72	181	39	53	W	802	2,040	429	691	W
Stainless steel scrap	46	W	--	W	--	619	W	--	W	--
Alloy steel scrap	14	36	--	W	--	155	315	--	W	--
Ingot mold and stool scrap	W	W	--	W	--	W	W	--	W	--
Machinery and cupola cast iron	W	W	W	--	--	W	W	W	--	--
Cast iron borings	W	W	W	W	W	W	W	W	28	W
Motor blocks	--	--	--	--	--	--	--	--	--	--
Other iron scrap	12	33	W	6	W	135	379	W	89	W
Other mixed scrap	W	11	W	W	W	W	125	W	W	W
Total	559	1,470	581	1,210	324	6,600	15,600	6,370	13,700	3,690

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	October 2010		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
North America and South America:				
Argentina	(4)	63	4	1,330
Brazil	(4)	14	61	20,400
Canada	106	33,800	1,190	366,000
Chile	(4)	98	1	431
Dominican Republic	(4)	50	2	558
Jamaica	--	--	1	266
Mexico	93	26,000	593	191,000
Peru	--	--	218	75,900
Trinidad and Tobago	--	--	1	480
Venezuela	(4)	54	14	6,550
Other <sup>5</sup>	1	255	3	2,200
Total	201	60,300	2,090	665,000
Africa, Europe, Middle East:				
Austria	(4)	304	1	2,320
Belgium	3	4,600	7	17,300
Egypt	70	26,100	464	166,000
Finland	12	26,900	37	78,900
France	1	205	3	2,390
Germany	(4)	152	8	2,490
Greece	--	--	61	17,800
Israel	--	--	2	937
Italy	1	578	119	48,500
Libya	--	--	3	453
Netherlands	4	1,810	19	16,900
Pakistan	13	6,280	137	53,600
Qatar	1	390	1	390
Spain	1	479	15	30,700
Swaziland	--	--	1	187
Sweden	(4)	979	2	7,510
Turkey	346	116,000	3,340	1,160,000
United Arab Emirates	1	97	3	1,120
United Kingdom	1	625	6	7,000
Other <sup>5</sup>	(4)	239	6	1,790
Total	454	186,000	4,230	1,620,000
Asia, Australia, Oceania:				
Bangladesh	4	1,640	28	10,700
China	381	194,000	2,630	1,490,000
Hong Kong	7	4,930	80	72,000
India	120	45,200	790	274,000
Indonesia	10	3,340	276	103,000
Japan	8	8,560	165	152,000
Korea, Republic of	302	111,000	2,560	928,000
Malaysia	60	22,200	740	288,000
Singapore	1	447	6	2,270
Taiwan	272	107,000	2,220	900,000
Thailand	68	27,700	403	145,000
Vietnam	107	38,300	550	187,000
Other <sup>5</sup>	1	441	2	3,920
Total	1,340	565,000	10,400	4,550,000
Grand total	2,000	811,000	16,800	6,840,000

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>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	October 2010		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>Canadian-U.S. Border:</b>				
Buffalo, NY	18	7,690	288	110,000
Chicago, IL	7	2,780	13	5,180
Cleveland, OH	(4)	151	4	1,670
Detroit, MI	22	6,810	265	78,700
Duluth, MN	7	2,190	59	18,100
Great Falls, MT	1	197	9	1,740
Ogdensburg, NY	4	1,120	40	13,100
Pembina, ND	35	13,000	359	123,000
Other <sup>5</sup>	6	752	80	8,860
<b>Total</b>	<b>100</b>	<b>34,700</b>	<b>1,120</b>	<b>360,000</b>
<b>East Coast:</b>				
Baltimore, MD	17	6,380	198	75,900
Boston, MA	59	21,800	786	271,000
Charleston, SC	14	9,030	126	73,200
Charlotte, NC	1	1,420	18	18,800
Miami, FL	49	16,800	387	133,000
New York, NY	207	103,000	2,110	959,000
Norfolk, VA	10	5,830	238	121,000
Philadelphia, PA	88	30,800	731	252,000
Portland, ME	(4)	27	150	55,900
Providence, RI	35	12,900	359	121,000
Savannah, GA	45	24,400	368	204,000
St. Albans, VT	4	1,330	60	19,100
<b>Total</b>	<b>529</b>	<b>234,000</b>	<b>5,530</b>	<b>2,300,000</b>
<b>Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):</b>				
El Paso, TX	5	1,350	22	6,060
Houston-Galveston, TX	113	39,400	698	267,000
Laredo, TX	45	13,800	300	99,300
Mobile, AL	3	1,950	54	26,600
New Orleans, LA	100	43,800	916	344,000
San Juan, PR	26	7,310	292	78,200
Tampa, FL	32	8,610	438	159,000
U.S. Virgin Islands	8	2,640	19	5,250
Other	(4)	(4)	1	164
<b>Total</b>	<b>332</b>	<b>119,000</b>	<b>2,740</b>	<b>985,000</b>
<b>West Coast and Hawaii:</b>				
Columbia-Snake, OR	151	54,400	983	361,000
Honolulu, HI and Anchorage, AK	6	2,150	138	46,300
Los Angeles, CA	437	200,000	3,370	1,700,000
San Diego, CA	3	856	25	6,750
San Francisco, CA	313	119,000	1,830	685,000
Seattle, WA	125	47,200	1,030	388,000
<b>Total</b>	<b>1,040</b>	<b>424,000</b>	<b>7,380</b>	<b>3,190,000</b>
<b>Grand total</b>	<b>2,000</b>	<b>811,000</b>	<b>16,800</b>	<b>6,840,000</b>

<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.

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	October 2010		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	496	172,000	4,500	1,520,000
No. 2 heavy melting steel	100	33,600	859	273,000
No. 1 bundles	21	4,820	278	69,500
No. 2 bundles	20	7,640	53	21,600
Shredded steel scrap	798	279,000	6,060	2,130,000
Borings, shovelings and turnings	5	889	49	8,320
Cut plate and structural	80	28,300	608	223,000
Tinned iron or steel	7	3,780	71	44,100
Remelting scrap ingots	3	3,330	22	27,900
Cast iron	51	18,400	435	168,000
Other iron and steel	227	89,300	2,320	858,000
Total carbon steel and cast iron	1,810	641,000	15,200	5,350,000
Stainless steel	101	96,800	757	764,000
Other alloy steel	86	72,900	765	724,000
Total stainless and alloy steel	187	170,000	1,520	1,490,000
Total carbon, stainless, alloy steel and cast iron	2,000	811,000	16,800	6,840,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	7	4	624
Used rails for rerolling and other uses	3	1,730	38	32,800
Total scrap exports	2,000	813,000	16,800	6,870,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	2	1,070	19	9,200
Pig iron > 0.5% phosphorus	--	--	(3)	6
Alloy pig iron	2,180	2,580	2,210	3,980
Total pig iron	2,180	3,650	2,230	13,200
Direct-reduced iron (DRI)	--	--	1	102
Spongy iron products, not DRI	(3)	235	3	2,200
Granules for abrasive cleaning and other uses	3	4,410	26	34,400
Powders of alloy steel	1	2,850	6	24,000
Other ferrous powders	10	10,700	109	116,000
Total DRI, granules, powders	14	18,200	145	177,000
Grand total	4,190	835,000	19,200	7,060,000

-- 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	October 2010		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
Argentina	(4)	73	2	342
Bahamas, The	2	298	8	2,270
Canada	256	89,700	2,220	802,000
Cayman Islands	--	--	2	567
Egypt	(4)	162	1	1,110
Germany	(4)	67	75	28,700
Israel	1	715	1	908
Japan	(4)	419	1	804
Jordan	1	96	1	147
Mexico	38	17,800	353	162,000
Netherlands	--	--	136	49,700
Peru	(4)	20	1	483
Sweden	--	--	82	25,300
Taiwan	(4)	866	3	7,290
United Kingdom	1	121	274	106,000
Venezuela	--	--	1	2,390
Other <sup>5</sup>	1	790	6	10,200
Total	300	111,000	3,170	1,200,000

-- 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	October 2010		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
Buffalo, NY	59	27,100	447	246,000
Charleston, SC	(4)	40	189	70,400
Chicago, IL	1	298	2	1,150
Cleveland, OH	(4)	23	1	2,650
Columbia-Snake, OR	5	1,390	25	7,180
Detroit, MI	82	31,200	756	288,000
Duluth, MN	3	1,750	22	10,900
El Paso, TX	10	3,200	67	25,500
Great Falls, MT	20	6,250	156	49,500
Laredo, TX	14	8,760	125	89,800
Los Angeles, CA	1	1,460	4	9,180
Miami, FL	1	250	7	1,470
Mobile, AL	--	--	61	23,400
New Orleans, LA	--	--	299	107,000
New York, NY	2	1,060	2	1,560
Nogales, AZ	1	317	9	3,220
Ogdensburg, NY	2	2,880	24	31,800
Pembina, ND	3	2,520	30	18,700
Philadelphia, PA	(4)	56	17	7,080
Portland, ME	1	591	7	4,820
San Diego, CA	13	4,360	149	42,100
Seattle, WA	82	16,100	757	146,000
<b>Other</b>	<b>(4)</b>	<b>1,650</b>	<b>15</b>	<b>11,800</b>
<b>Total</b>	<b>300</b>	<b>111,000</b>	<b>3,170</b>	<b>1,200,000</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. 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	October 2010		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	15	4,340	136	40,400
No. 2 heavy melting steel	7	1,670	58	15,500
No. 1 bundles	65	24,100	1,040	404,000
No. 2 bundles	3	509	27	4,720
Shredded steel scrap	31	6,880	354	76,400
Borings, shovelings and turnings	14	2,410	72	16,800
Cut plate and structural	16	3,900	145	36,200
Tinned iron or steel	5	989	58	11,700
Remelting scrap ingots	--	--	(3)	190
Cast iron	11	3,060	120	35,600
Other iron and steel	45	11,700	388	102,000
Total carbon steel and cast iron	212	59,600	2,400	743,000
Stainless steel	17	26,900	165	258,000
Other alloy steel	71	24,700	603	199,000
Total stainless and alloy steel	88	51,600	768	456,000
Total carbon, stainless, alloy steel and cast iron	300	111,000	3,170	1,200,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	4	(3)	226
Total scrap imports	300	111,000	3,170	1,200,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	300	128,000	3,360	1,360,000
Pig iron > or = 0.5% phosphorus	--	--	--	--
Alloy pig iron	(3)	18	(3)	375
Total pig iron	300	128,000	3,360	1,360,000
Direct-reduced iron (DRI)	84	37,000	1,340	483,000
Spongy iron products, not DRI	(3)	225	1	3,190
Granules for abrasive cleaning and other uses	11	5,920	42	22,000
Powders of alloy steel	6	11,200	49	81,700
Other ferrous powders	4	6,270	35	57,900
Total DRI, granules, powders	105	60,600	1,460	648,000
Grand total	705	300,000	7,990	3,210,000

-- 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 <sup>2</sup>	Monthly	Year to date <sup>2</sup>
2009:						
November	5,710	52,200	61.4	50.5	97.8	97.4
December	5,860	58,000	60.9	51.2 <sup>r</sup>	98.0	97.5
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

<sup>r</sup>Revised.

<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		Iron Age		Iron Age	
	No. 1 HMS		No. 1 HMS		Pig Iron <sup>1</sup>	
	\$/t	\$/t	\$/t	\$/t	\$/t	\$/t
<b>2009:</b>						
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
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
<b>2010:</b>						
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	NA	NA	NA	NA	NA	NA

NA Not available.

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

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