

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN SEPTEMBER 2011

On a daily average basis in September 2011, estimated consumption of iron and steel scrap was up slightly, net receipts of purchased scrap were up slightly, and home scrap production was up by 5% from that of August 2011. Stocks of purchased and home scrap at the end of September 2011 were down slightly from those at the end of August 2011. 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 nonrespondents to this survey.

On a daily average basis, pig iron production and consumption were each down slightly in September from those in August 2011. Stocks of pig iron at the end of September were up slightly from those at the end of August 2011.

Exports of iron and steel scrap for the month of August 2011 increased by 49% from those of July 2011. Turkey was the leading country of destination, accounting for 29% of the total tonnage of exports, followed by China, with 17%, and Taiwan, with 14% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 18% of the total, followed by New York, NY, with 13%, and San Francisco, CA, with 11% (table 7).

Imports of iron and steel scrap for August 2011 were up by 4% from those of July 2011. Canada was the leading country of origin, accounting for 89% of the total tonnage of imports, followed by Mexico, with 10% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 35% of the total, followed by Seattle, WA, with 28%, and Buffalo, NY, with 16% (table 10).

The daily average domestic raw steel production for September, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 241,000 metric tons, up slightly from that in August 2011, and up by 10% from that in September 2010 (table 12). The electric furnace portion of raw steel production for September 2011 was 57%, down from 59% in August 2011, and down from 61% in September 2010.

Raw steel production capability utilization (AISI data) in September was 76%, the same as that in August 2011, and up from 70% in September 2010 (table 12). Continuous cast steel production in September accounted for 98% of total raw steel production, the same as that in August 2011 and September 2010.

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

(Thousand metric tons)

	September 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	1,500	2,290	3,790	13,700	20,900	34,600
Receipts from other own company plants	8	239	247	103	2,200	2,300
Production recirculating scrap	382	268	650	3,200	2,800	6,000
Production obsolete scrap	W	W	11	W	W	72
Consumption (by type of furnace):						
Blast furnace	W	W	224	W	W	1,550
Basic oxygen process	W	W	692	W	W	6,650
Electric furnace	1,040	2,620	3,670	9,620	23,500	33,100
Other (including air furnace) <sup>6</sup>	W	--	W	W	--	W
Total consumption	1,820	2,780	4,600	16,300	25,200	41,600
Shipments	85	21	106	812	477	1,290
Stocks, end of period	1,270	1,890	3,160	1,270	1,890	3,160
<b>Pig iron (includes hot metal):</b>						
Receipts	539	73	612	4,650	893	5,550
Production	W	W	2,210	W	W	21,200
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,620	W	W	23,800
Direct castings <sup>7</sup>	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,730	81	2,810	25,800	875	26,600
Shipments	W	W	6	W	W	56
Stocks, end of period	W	W	448	W	W	448
<b>Direct-reduced iron:<sup>8</sup></b>						
Receipts	77	61	138	756	372	1,130
Production	--	--	--	--	--	--
Total consumption	89	54	143	778	358	1,140
Shipments	--	--	--	--	--	--
Stocks, end of period	91	69	160	91	69	160

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." -- 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. September 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>May include revisions to previously published data.

<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	September 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>
<b>Carbon steel:</b>							
Low-phosphorus plate and punchings	56	W	59	W	505	W	527
Cut structural and plate	303	57	392	220	2,740	488	3,320
No. 1 heavy melting steel	384	73	465	321	3,550	718	4,410
No. 2 heavy melting steel	455	23	478	357	4,360	189	4,540
No. 1 and electric furnace bundles	190	W	264	208	1,760	W	2,420
No. 2 and all other bundles	83	W	76	47	755	W	773
Electric furnace 1 foot and under (not bundles)	W	W	W	W	W	W	W
Railroad rails	20	W	24	17	182	W	227
Turnings and borings	172	4	189	87	1,510	35	1,690
Slag scrap	71	86	117	146	679	791	1,110
Shredded and fragmented	1,100	W	1,220	731	9,230	W	10,400
No. 1 busheling	344	18	387	232	3,340	130	3,490
Steel cans (post consumer)	9	--	9	3	81	--	84
All other carbon steel scrap	296	148	431	280	3,000	1,640	4,210
Stainless steel scrap	71	27	105	50	649	269	977
Alloy steel scrap	32	19	56	38	192	176	545
Ingot mold and stool scrap	W	W	12	17	W	W	75
Machinery and cupola cast iron	3	W	3	2	25	W	25
Cast iron borings	W	W	20	W	236	W	231
Motor blocks	--	--	--	--	--	--	--
Other iron scrap	75	21	99	146	691	176	870
Other mixed scrap	97	46	188	108	1,080	276	1,600
Total	3,790	650	4,600	3,160	34,600	6,000	41,600

<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>May include revisions to previously published data.

<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	September 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	407	143	601	3,680	1,320	5,470
<b>North Central:</b>						
Illinois and Indiana	472	141	573	4,240	1,260	5,170
Iowa, Minnesota, Nebraska, Wisconsin	257	14	271	2,250	136	2,470
Michigan	137	96	200	1,280	604	1,530
Ohio	450	69	502	4,300	1,000	5,150
Total	1,320	320	1,550	12,100	3,000	14,300
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	228	52	296	2,050	489	2,680
Georgia, North Carolina, South Carolina	311	20	361	2,660	130	2,980
Total	539	72	657	4,700	619	5,660
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	681	35	740	5,870	282	6,290
Arkansas, Louisiana, Oklahoma, Texas	541	46	690	5,440	415	6,420
Total	1,220	81	1,430	11,300	697	12,700
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	301	34	366	2,830	360	3,400
Grand total	3,790	650	4,600	34,600	6,000	41,600

<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>May include revisions to previously published data.

<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	September 2011					Year to date <sup>p, 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	175	W	4	W	W
Cut structural and plate	42	97	68	86	W	383	874	571	843	W
No. 1 heavy melting steel	66	106	32	161	19	590	1,030	286	1,490	W
No. 2 heavy melting steel	10	180	58	171	W	90	1,970	525	1,510	W
No. 1 and electric furnace bundles	7	129	W	34	W	75	1,120	W	387	W
No. 2 and all other bundles	12	34	W	16	W	111	308	W	143	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	W	W	W	W	W	44	W
Turnings and borings	17	59	20	71	4	146	503	204	621	36
Slag scrap	11	26	W	W	--	99	246	W	172	W
Shredded and fragmentized	84	302	217	430	64	690	2,260	1,780	3,930	573
No. 1 busheling	54	132	21	137	W	503	1,240	250	1,320	W
Steel cans (post consumer)	6	W	--	--	--	44	W	--	--	W
All other carbon steel scrap	34	108	W	53	W	347	1,270	W	462	W
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	1	W	--	W	--	11	143	--	W	--
Ingot mold and stool scrap	W	W	--	--	--	W	W	--	--	--
Machinery and cupola cast iron	W	1	W	W	--	W	6	W	W	--
Cast iron borings	W	W	W	1	W	W	W	W	W	W
Motor blocks	--	--	--	--	--	--	--	--	--	--
Other iron scrap	4	33	W	W	W	40	283	W	W	W
Other mixed scrap	W	5	W	W	W	W	88	W	21	W
Total	407	1,320	539	1,220	301	3,680	12,100	4,700	11,300	2,830

<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.

<sup>5</sup>May include revisions to previously published data.

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

(Thousand metric tons)

Item	September 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	179	W	9	W	W
Cut structural and plate	53	129	106	95	W	473	1,040	864	876	W
No. 1 heavy melting steel	112	122	35	176	21	962	1,200	305	1,710	226
No. 2 heavy melting steel	16	169	60	196	W	144	1,940	541	1,640	W
No. 1 and electric furnace bundles	19	187	W	37	W	182	1,660	W	392	W
No. 2 and all other bundles	12	25	W	18	W	112	302	W	158	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	6	W	W	W	--	57	W
Turnings and borings	33	59	22	72	4	290	540	204	620	37
Slag scrap	17	52	W	31	W	146	503	W	301	W
Shredded and fragmentized	102	291	249	513	62	909	2,330	2,120	4,450	569
No. 1 busheling	59	140	29	159	W	547	1,310	246	1,350	W
Steel cans (post consumer)	6	W	--	--	W	44	W	--	--	W
All other carbon steel scrap	63	159	W	60	W	605	1,700	W	551	W
Stainless steel scrap	55	W	--	W	--	506	W	--	W	--
Alloy steel scrap	13	34	--	W	--	132	333	--	W	--
Ingot mold and stool scrap	W	1	--	W	--	W	39	--	W	--
Machinery and cupola cast iron	W	W	W	W	--	W	6	W	W	--
Cast iron borings	W	W	W	W	W	W	W	W	W	W
Motor blocks	--	--	--	--	--	--	--	--	--	--
Other iron scrap	11	42	38	8	W	118	365	W	60	W
Other mixed scrap	W	4	W	9	W	W	250	W	76	W
Total	601	1,550	657	1,430	366	5,470	14,300	5,660	12,700	3,400

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>May include revisions to previously published data.

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	August 2011		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Argentina	--	--	2	1,020
Brazil	33	14,600	35	15,200
Canada	129	46,700	1,060	371,000
Ecuador	(4)	36	68	30,200
Guatemala	--	--	32	14,000
Mexico	53	22,600	401	173,000
Panama	--	--	1	183
Peru	31	13,800	93	40,400
Trinidad and Tobago	(4)	114	1	593
Venezuela	(4)	13	2	937
Other <sup>5</sup>	1	420	5	1,930
<b>Total</b>	<b>248</b>	<b>98,300</b>	<b>1,700</b>	<b>649,000</b>
<b>Africa, Europe, Middle East:</b>				
Belgium	(4)	263	7	11,400
Egypt	72	31,700	564	243,000
Finland	6	12,300	29	69,400
France	(4)	938	12	3,490
Germany	(4)	120	1	850
Greece	--	--	34	12,500
Hungary	--	--	3	823
Iceland	(4)	48	1	302
Italy	28	14,200	109	50,900
Morocco	--	--	26	12,200
Netherlands	3	4,720	23	34,800
Saudi Arabia	--	--	19	8,240
Spain	2	1,370	22	12,200
Sweden	(4)	601	5	7,740
Turkey	800	358,000	3,860	1,690,000
United Arab Emirates	(4)	469	29	13,100
United Kingdom	(4)	256	4	2,750
Other <sup>5</sup>	2	649	5	3,750
<b>Total</b>	<b>914</b>	<b>426,000</b>	<b>4,750</b>	<b>2,170,000</b>
<b>Asia, Australia, Oceania:</b>				
Bangladesh	4	2,070	33	16,000
China	470	265,000	2,880	1,570,000
Hong Kong	6	4,620	77	45,900
India	191	85,900	739	322,000
Indonesia	24	10,800	178	74,000
Japan	8	13,200	220	156,000
Korea, Republic of	338	150,000	2,210	983,000
Malaysia	45	20,400	746	333,000
Pakistan	21	12,100	131	70,100
Singapore	(4)	10	5	1,290
Taiwan	396	189,000	2,290	1,080,000
Thailand	85	38,200	534	236,000
Vietnam	33	15,000	328	136,000
Other <sup>5</sup>	(4)	33	23	12,100
<b>Total</b>	<b>1,620</b>	<b>805,000</b>	<b>10,400</b>	<b>5,040,000</b>
<b>Grand total</b>	<b>2,780</b>	<b>1,330,000</b>	<b>16,800</b>	<b>7,860,000</b>

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boat, 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>May include revisions to previously published data.

<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	August 2011		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>Canadian-U.S. Border:</b>				
Buffalo, NY	25	10,900	223	93,700
Chicago, IL	(4)	308	5	3,630
Detroit, MI	30	10,400	226	69,300
Duluth, MN	4	1,620	59	19,300
Great Falls, MT	1	271	6	1,480
Ogdensburg, NY	4	1,680	26	10,600
Pembina, ND	52	21,700	405	161,000
Other <sup>5</sup>	5	755	52	6,210
<b>Total</b>	<b>121</b>	<b>47,700</b>	<b>1,000</b>	<b>365,000</b>
<b>East Coast:</b>				
Baltimore, MD	41	21,700	286	132,000
Boston, MA	216	96,000	932	408,000
Charleston, SC	18	10,700	101	64,800
Charlotte, NC	2	2,070	15	14,500
Miami, FL	58	24,400	402	155,000
New York, NY	349	187,000	2,210	1,090,000
Norfolk, VA	49	24,700	318	155,000
Philadelphia, PA	76	34,600	759	338,000
Portland, ME	27	12,600	128	60,200
Providence, RI	91	40,200	410	178,000
Savannah, GA	55	34,800	347	201,000
St. Albans, VT	8	3,110	62	24,600
Washington, DC	--	--	(4)	19
<b>Total</b>	<b>990</b>	<b>492,000</b>	<b>5,970</b>	<b>2,820,000</b>
<b>Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):</b>				
El Paso, TX	2	653	13	5,260
Houston-Galveston, TX	119	53,900	754	347,000
Laredo, TX	43	18,400	224	92,700
Mobile, AL	(4)	464	75	42,900
New Orleans, LA	186	80,300	873	400,000
San Juan, PR	52	20,800	246	85,600
Tampa, FL	110	48,900	456	207,000
Other <sup>5</sup>	(4)	10	1	90
<b>Total</b>	<b>512</b>	<b>223,000</b>	<b>2,640</b>	<b>1,180,000</b>
<b>West Coast and Hawaii:</b>				
Columbia-Snake, OR	198	92,500	1,000	450,000
Honolulu, HI and Anchorage, AK	34	15,200	137	60,100
Los Angeles, CA	487	253,000	3,500	1,830,000
San Diego, CA	(4)	152	3	1,460
San Francisco, CA	298	139,000	1,710	761,000
Seattle, WA	141	66,500	875	402,000
<b>Total</b>	<b>1,160</b>	<b>566,000</b>	<b>7,220</b>	<b>3,500,000</b>
<b>Grand total</b>	<b>2,780</b>	<b>1,330,000</b>	<b>16,800</b>	<b>7,860,000</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>May include revisions to previously published data.

<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	August 2011		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	1,060	470,000	5,600	2,420,000
No. 2 heavy melting steel	131	55,900	782	328,000
No. 1 bundles	30	7,250	344	111,000
No. 2 bundles	(3)	38	9	2,140
Shredded steel scrap	963	430,000	5,750	2,540,000
Borings, shovelings and turnings	8	2,910	74	19,600
Cut plate and structural	101	46,300	711	314,000
Tinned iron or steel	15	8,650	80	47,500
Remelting scrap ingots	6	5,250	25	25,800
Cast iron	48	24,500	353	156,000
Other iron and steel	284	136,000	1,980	869,000
Total carbon steel and cast iron	2,650	1,190,000	15,700	6,830,000
Stainless steel	55	88,100	433	617,000
Other alloy steel	79	54,900	707	411,000
Total stainless and alloy steel	134	143,000	1,140	1,030,000
Total carbon, stainless, alloy steel and cast iron	2,780	1,330,000	16,800	7,860,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	22	2	546
Used rails for rerolling and other uses	3	3,960	36	35,600
Total scrap exports	2,790	1,330,000	16,900	7,900,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	683	44	22,600
Pig iron > 0.5% phosphorus	--	--	(3)	43
Alloy pig iron	(3)	116	56	6,310
Total pig iron	1	799	100	29,000
Direct-reduced iron (DRI)	(3)	6	1	162
<b>Spongy iron products, not DRI</b>	(3)	345	6	3,900
Granules for abrasive cleaning and other uses	4	7,200	26	36,600
Powders of alloy steel	1	3,240	5	24,000
Other ferrous powders	8	8,960	80	86,700
Total DRI, granules, powders	13	19,800	118	151,000
Grand total	2,800	1,350,000	17,100	8,080,000

-- 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	August 2011		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
Bahamas, The	(4)	35	7	1,960
Brazil	(4)	8	3	642
Canada	278	106,000	2,110	853,000
Germany	(4)	92	25	10,700
Japan	(4)	8	3	1,010
Jordan	--	--	2	355
Mexico	32	13,700	347	160,000
Netherlands	--	--	30	13,200
Peru	--	--	4	527
Singapore	(4)	73	3	7,800
Sweden	(4)	7	43	21,700
Taiwan	--	--	1	4,130
Turks and Caicos Islands	1	207	2	867
United Kingdom	(4)	54	68	33,000
Other <sup>5</sup>	1	794	10	8,120
Total	312	121,000	2,660	1,120,000

-- 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>May include revisions to previously published data.

<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	August 2011		Year to date <sup>3</sup>	
	Quantity	Value	Quantity	Value
Buffalo, NY	51	26,000	447	263,000
Charleston, SC	(4)	101	105	47,200
Cleveland, OH	4	689	37	13,100
Columbia-Snake, OR	5	1,950	24	8,110
Detroit, MI	109	43,700	791	316,000
Duluth, MN	5	1,880	32	14,900
El Paso, TX	4	1,790	33	14,600
Great Falls, MT	11	4,130	118	45,800
Laredo, TX	11	6,690	125	88,700
Los Angeles, CA	(4)	203	1	1,950
Miami, FL	(4)	81	5	1,660
Mobile, AL	(4)	24	2	1,320
New Orleans, LA	--	--	60	28,100
New York, NY	(4)	150	4	3,110
Nogales, AZ	(4)	204	19	7,770
Ogdensburg, NY	1	722	15	24,500
Pembina, ND	6	2,700	36	17,900
Portland, ME	(4)	39	8	3,320
San Diego, CA	18	4,980	167	48,200
Savannah, GA	(4)	240	8	1,330
Seattle, WA	86	24,200	608	159,000
Other	(4)	622	14	8,390
Total	312	121,000	2,660	1,120,000

-- 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>May include revisions to previously published data.

<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	August 2011		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	20	7,270	133	48,200
No. 2 heavy melting steel	8	2,500	40	13,300
No. 1 bundles	66	31,300	713	326,000
No. 2 bundles	2	458	13	3,530
Shredded steel scrap	34	6,960	263	63,300
Borings, shovelings and turnings	10	2,240	69	15,000
Cut plate and structural	27	8,420	156	46,100
Tinned iron or steel	8	2,340	59	16,100
Remelting scrap ingots	--	--	(3)	375
Cast iron	15	5,810	137	46,300
Other iron and steel	52	12,800	412	105,000
Total carbon steel and cast iron	242	80,100	2,000	683,000
Stainless steel	11	16,900	124	234,000
Other alloy steel	59	24,000	539	201,000
Total stainless and alloy steel	70	40,900	663	435,000
Total carbon, stainless, alloy steel and cast iron	312	121,000	2,660	1,120,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	2	(3)	37
Total scrap imports	312	121,000	2,660	1,120,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	330	179,000	2,810	1,400,000
Pig iron > or = 0.5% phosphorus	--	--	--	--
Alloy pig iron	--	--	(3)	478
Total pig iron	330	179,000	2,810	1,400,000
Direct-reduced iron (DRI)	169	67,600	1,140	474,000
Spongy iron products, not DRI	(3)	502	2	3,390
Granules for abrasive cleaning and other uses	2	1,690	34	22,900
Powders of alloy steel	5	10,800	47	89,100
Other ferrous powders	6	9,630	75	71,900
Total DRI, granules, powders	182	90,300	1,300	662,000
Grand total	824	390,000	6,770	3,180,000

-- 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>
2010:						
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
February	6,690	13,900	75.4	74.2	97.4	97.5
March	7,370	21,200	75.0	74.5	97.4	97.5
April	7,030	28,300	74.2	74.4	97.4	97.4
May	7,140	35,400	72.7	74.4	97.5	97.5
June	7,250	42,700	76.2	74.4	97.7	97.5
July	7,370	50,000	75.0	74.4	98.0	97.6
August	7,440	57,500	75.7	74.7	97.9	97.6
September	7,240	64,700	76.1	74.8	98.1	97.6

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

<sup>2</sup>May include revisions to previously published data.

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>	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2010:						
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
Average, January-December	331.58	326.34	323.82	318.71	464.24	456.91
2011:						
January	429.00	422.22	341.73	336.33	434.95	428.08
February	417.19	410.60	416.42	409.84	557.66	548.85
March	416.38	409.80	417.17	410.58	446.13	439.08
April	412.14	405.63	411.92	405.41	558.80	549.97
May	404.44	398.05	402.50	396.14	558.80	549.97
June	415.68	409.11	415.00	408.48	558.80	549.97
July	419.50	412.87	418.50	411.89	558.80	549.97
August	NA	NA	417.16	410.57	558.80	549.97
September	NA	NA	416.83	410.25	558.80	549.97

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.