

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN DECEMBER 2015

In December 2015, iron and steel scrap consumption was 4 million metric tons (Mt) (table 1). On a daily average basis in December 2015, iron and steel scrap consumption increased slightly and home scrap production increased by 4% compared with those of November. Purchased scrap receipts in December 2015 were up slightly from that of November. Stocks of purchased and home scrap at the end of December were down slightly from those at the end of November (table 2). These observations are based upon responses from about 25% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 32% of the total scrap consumption in those sectors and estimates for nonrespondents to this survey.

In December 2015, pig iron production was 1.5 Mt (table 1). On a daily average basis, pig iron production increased by 22% and consumption increased by 10% compared with those of November 2015. Stocks of pig iron at the end of December increased slightly from those at the end of November.

Exports of iron and steel scrap in December 2015 increased by 37% from those in November. Turkey was the leading country of destination, accounting for 39% of the total tonnage of exports, followed by India and Mexico with 10% (table 6). New York, NY, was the leading U.S. Customs district for tonnage of exports, accounting for 18% of the total, followed by Los Angeles, CA, with 13% and Boston, MA, with 13% (table 7).

Imports of iron and steel scrap for December 2015 decreased by 11% from those in November. Canada was the leading country of origin, accounting for 90% of the total tonnage of imports, followed by Mexico with 8% and Chile with 1% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 45% of the total, followed by Seattle, WA, with 19% and Buffalo, NY, with 16% (table 10).

The daily average domestic raw steel production for December 2015, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 192,000 metric tons, down by 1% from that in November and down by 18% from that in December 2014 (table 12). Raw steel production capability utilization was 62% in December 2015, down from 63% in November and down from 75% in December 2014 (table 12). The electric furnace portion of raw steel production for December 2015 was 65%, up from 64% in November and up from 60% in December 2014.

Continuous cast steel production accounted for 99% of total raw steel production in December 2015, the same as in November 2015 and December 2014.

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

(Thousand metric tons)

	December 2015			January–December <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	1,540	1,840	3,370	19,200	22,400	41,600
Receipts from other own company plants	44	158	202	517	1,970	2,480
Production recirculating scrap	263	173	436	3,140	2,060	5,200
Production obsolete scrap	W	W	9	W	W	113
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	164	W	W	2,160
Basic oxygen process	W	W	328	W	W	4,320
Electric furnace	1,350	1,940	3,290	15,800	23,600	39,400
Other (including air furnace) <sup>6</sup>	W	W	212	W	W	2,490
Total consumption	1,830	2,160	3,990	21,900	26,400	48,300
Shipments	64	10	74	693	124	817
Stocks, end of period	2,010	2,030	4,040	2,010	2,030	4,040
<b>Pig iron (includes hot metal):</b>						
Receipts	243	105	348	4,390	832	5,220
Production	1,460	--	1,460	17,200	--	17,200
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	1,590	W	W	20,200
Direct castings <sup>7</sup>	W	W	190	W	W	1,840
Electric furnace	3	14	17	43	140	183
Total consumption	1,710	89	1,800	21,400	785	22,200
Shipments	W	--	W	W	--	W
Stocks, end of period	376	251	627	376	251	627
<b>Direct-reduced iron:<sup>8</sup></b>						
Receipts	75	--	75	1,330	630	1,960
Total consumption	324	45	369	3,530	658	4,190
Stocks, end of period	189	19	208	189	19	208

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. December 2015 data are based on returns from 25% of consumer surveys, representing 32% 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	December 2015				January–December <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	57	W	59	143	680	W	710
Cut structural and plate	278	28	321	307	3,480	328	3,850
No. 1 heavy melting steel	324	50	389	316	4,020	626	4,800
No. 2 heavy melting steel	385	32	430	241	4,790	383	5,350
No. 1 and electric furnace bundles	160	W	158	204	1,890	W	1,870
No. 2 and all other bundles	69	--	68	37	858	--	875
Electric furnace 1 foot and under (not bundles)	3	W	W	W	25	W	W
Railroad rails	14	--	15	18	172	--	176
Turnings and borings	186	4	190	140	2,220	55	2,290
Slag scrap	45	62	75	105	638	781	974
Shredded and fragmented	964	W	1,090	1,330	12,200	W	13,400
No. 1 busheling	421	7	429	353	4,680	182	4,860
Steel cans (post consumer)	7	--	7	W	85	--	85
All other carbon steel scrap	167	111	278	345	2,160	1,190	3,250
Stainless steel scrap	75	27	112	67	919	323	1,340
Alloy steel scrap	27	20	48	175	373	244	617
Ingot mold and stool scrap	W	W	6	7	W	W	78
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	11	W	14	4	165	W	183
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	48	21	65	58	709	214	888
Other mixed scrap	129	48	228	182	1,460	503	2,640
Total	3,370	436	3,990	4,040	41,600	5,200	48,300

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	December 2015			January–December <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>	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	414	64	482	5,020	784	5,850
<b>North Central:</b>						
Illinois and Indiana	377	36	433	4,850	434	5,570
Iowa, Minnesota, Nebraska, Wisconsin	220	29	251	2,690	356	3,100
Michigan	137	83	183	1,650	875	2,090
Ohio	422	94	528	5,620	1,050	6,680
<b>Total</b>	<b>1,160</b>	<b>242</b>	<b>1,400</b>	<b>14,800</b>	<b>2,710</b>	<b>17,400</b>
<b>South Atlantic:</b>						
Virginia, West Virginia	88	6	114	900	200	1,390
Georgia, North Carolina, South Carolina	266	19	306	3,580	247	3,850
<b>Total</b>	<b>354</b>	<b>25</b>	<b>420</b>	<b>4,480</b>	<b>447</b>	<b>5,240</b>
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	643	35	726	7,380	454	8,390
Arkansas, Louisiana, Texas	538	46	638	6,650	518	7,300
<b>Total</b>	<b>1,180</b>	<b>81</b>	<b>1,360</b>	<b>14,000</b>	<b>972</b>	<b>15,700</b>
<b>Mountain and Pacific:</b>						
California, Colorado, Oregon, Utah, Washington	269	24	330	3,230	287	4,090
<b>Grand total</b>	<b>3,370</b>	<b>436</b>	<b>3,990</b>	<b>41,600</b>	<b>5,200</b>	<b>48,300</b>

<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	December 2015					January–December <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	21	W	--	W	W	249	W	W	W	W
Cut structural and plate	43	83	21	111	W	518	1,070	312	1,340	W
No. 1 heavy melting steel	60	78	21	136	28	752	1,050	228	1,660	335
No. 2 heavy melting steel	10	113	48	180	35	117	1,480	600	2,180	417
No. 1 and electric furnace bundles	13	109	3	32	W	154	1,280	46	360	W
No. 2 and all other bundles	12	40	1	W	W	152	458	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	3	W	W	W	W	35	W
Turnings and borings	18	58	26	78	7	190	755	315	879	85
Slag scrap	8	18	2	W	W	99	317	21	W	W
Shredded and fragmented	94	266	174	343	88	1,140	3,360	2,210	4,450	1,060
No. 1 busheling	59	148	23	190	2	711	1,800	346	1,800	19
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	W
All other carbon steel scrap	22	112	3	27	3	298	1,450	W	349	31
Stainless steel scrap	W	W	--	W	--	W	178	--	W	--
Alloy steel scrap	1	24	--	W	--	8	335	W	W	--
Ingot mold and stool scrap	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
Other iron scrap	W	35	W	7	W	W	551	W	85	W
Other mixed scrap	W	10	W	14	W	W	106	W	W	W
Total	414	1,160	354	1,180	269	5,020	14,800	4,480	14,000	3,230

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	December 2015					January–December <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	21	W	W	W	W	250	W	W	W	W
Cut structural and plate	42	97	42	120	W	528	1,210	527	1,340	W
No. 1 heavy melting steel	67	105	22	164	29	842	1,380	257	1,980	351
No. 2 heavy melting steel	14	121	55	201	W	167	1,630	696	2,390	W
No. 1 and electric furnace bundles	13	106	3	33	W	153	1,260	47	361	W
No. 2 and all other bundles	12	35	3	16	W	152	452	W	193	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	3	W	W	W	--	34	W
Turnings and borings	20	61	26	75	7	214	785	325	876	86
Slag scrap	12	34	2	25	W	144	490	21	295	W
Shredded and fragmented	92	293	198	417	88	1,130	3,730	2,480	4,960	1,060
No. 1 busheling	61	156	28	183	2	718	1,910	358	1,850	19
Steel cans (post consumer)	W	W	--	--	--	W	W	W	--	--
All other carbon steel scrap	43	176	7	50	3	549	2,050	79	544	33
Stainless steel scrap	54	21	--	W	--	647	260	--	W	--
Alloy steel scrap	10	29	--	W	--	118	393	W	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
Motor blocks	--	W	--	--	--	--	W	--	--	--
Other iron scrap	6	48	1	9	W	81	670	W	92	W
Other mixed scrap	W	51	W	15	W	W	445	W	W	W
Total	482	1,400	420	1,360	330	5,850	17,400	5,240	15,700	4,090

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	December 2015		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
North America and South America:				
Argentina	(4)	14	2	906
Canada	34	6,660	668	167,000
Chile	(4)	67	1	1,990
Colombia	--	--	22	5,910
Dominican Republic	1	145	7	1,350
Ecuador	63	10,900	105	19,000
Mexico	123	23,600	1,150	283,000
Peru	--	--	335	84,700
Other <sup>5</sup>	(4)	9	5	918
Total	220	41,400	2,290	565,000
Africa, Europe, Middle East:				
Austria	(4)	155	3	4,590
Belgium	1	2,180	9	14,000
Egypt	29	5,410	189	49,800
Finland	--	--	8	7,720
Germany	(4)	358	4	2,590
Greece	27	5,150	81	18,500
Iceland	--	--	3	806
Italy	(4)	17	36	10,700
Kuwait	--	--	193	43,800
Morocco	27	2,680	72	14,700
Netherlands	(4)	512	5	5,140
Saudi Arabia	(4)	20	133	36,800
Spain	(4)	7	17	24,600
Sweden	1	343	5	5,460
Tunisia	--	--	12	2,500
Turkey	463	85,700	3,970	929,000
Uganda	--	--	6	1,190
United Arab Emirates	1	331	13	5,160
United Kingdom	(4)	396	3	2,750
Other <sup>5</sup>	2	309	10	2,350
Total	551	104,000	4,770	1,180,000
Asia, Australia, Oceania:				
Bangladesh	26	6,240	134	37,400
China	47	47,100	703	660,000
Hong Kong	5	3,660	63	56,300
India	117	29,500	1,100	359,000
Indonesia	1	305	36	13,900
Japan	2	3,730	46	48,800
Korea, Republic of	67	19,100	1,090	311,000
Malaysia	1	277	34	11,000
Pakistan	65	19,000	356	147,000
Singapore	(4)	45	31	8,220
Taiwan	56	17,000	1,640	537,000
Thailand	33	6,290	374	96,000
Vietnam	4	621	291	69,600
Other <sup>5</sup>	(4)	64	7	1,220
Total	424	153,000	5,910	2,360,000
Grand total	1,190	298,000	13,000	4,110,000

-- 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>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

<sup>5</sup>Includes countries with January–December 2015 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 2015		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	4	1,210	108	36,300
Detroit, MI	9	1,870	210	55,000
Duluth, MN	(4)	126	13	3,990
Great Falls, MT	(4)	71	6	1,450
Ogdensburg, NY	(4)	114	10	3,560
Pembina, ND	13	1,990	173	41,600
Other	5	817	60	9,870
Total	31	6,200	579	152,000
East coast:				
Baltimore, MD	55	11,900	231	81,900
Boston, MA	64	12,800	711	171,000
Charleston, SC	6	4,780	65	56,200
Charlotte, NC	(4)	289	6	9,080
Miami, FL	18	5,620	287	102,000
New York City, NY	211	53,400	2,210	665,000
Norfolk, VA	25	8,750	215	113,000
Philadelphia, PA	106	19,300	714	174,000
Portland, ME	10	1,740	75	15,000
Providence, RI	73	13,300	575	135,000
Savannah, GA	9	4,800	113	66,400
St. Albans, VT	1	477	20	4,720
Washington, DC	--	--	(4)	36
Total	579	137,000	5,230	1,590,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	5	965	41	9,520
Houston–Galveston, TX	91	22,400	606	216,000
Laredo, TX	23	5,100	424	118,000
Mobile, AL	1	677	142	45,900
New Orleans, LA	2	1,880	32	25,800
San Juan, PR	2	760	159	36,800
Tampa, FL	35	7,070	294	89,200
Other	(4)	20	2	161
Total	158	38,900	1,700	541,000
West coast and Hawaii:				
Columbia–Snake, OR	58	11,000	517	121,000
Honolulu, HI, and Anchorage, AK	(4)	250	108	24,300
Los Angeles, CA	156	59,100	2,510	1,010,000
San Diego, CA	10	1,820	137	29,800
San Francisco, CA	153	30,600	1,580	443,000
Seattle, WA	50	12,700	613	187,000
Total	427	116,000	5,460	1,820,000
Grand total	1,190	298,000	13,000	4,110,000

-- 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>May include revisions to previously published data.

<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 2015		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	351	64,500	3,660	880,000
No. 2 heavy melting steel	70	13,400	656	157,000
No. 1 bundles	7	1,500	242	68,700
No. 2 bundles	(4)	57	7	1,160
Shredded steel scrap	466	90,800	4,210	1,020,000
Borings, shovelings and turnings	1	131	8	2,080
Cut plate and structural	83	19,200	823	225,000
Tinned iron or steel	6	1,570	74	22,800
Remelting scrap ingots	1	861	11	8,050
Cast iron	16	4,510	166	62,800
Other iron and steel	129	40,100	2,040	745,000
Total carbon steel and cast iron	1,130	237,000	11,900	3,190,000
Stainless steel	38	47,000	520	639,000
Other alloy steel	26	14,300	551	274,000
Total stainless and alloy steel	64	61,300	1,070	913,000
Total carbon, stainless, alloy steel and cast iron	1,190	298,000	13,000	4,110,000
Ships, boats, and other vessels for breaking up (for scrapping)	1	57	4	641
Used rails for rerolling and other uses	1	1,570	37	45,300
Total scrap exports	1,200	299,000	13,000	4,150,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(4)	94	12	4,590
Pig iron > or = 0.5% phosphorus	--	--	5	553
Alloy pig iron	(4)	9	(4)	315
Total pig iron	(4)	103	17	5,460
Direct-reduced iron (DRI)	--	--	20	549
Spongy iron products, not DRI	(4)	105	(4)	1,290
Granules for abrasive cleaning and other uses	2	2,300	36	45,600
Powders of alloy steel	1	3,740	22	66,700
Other ferrous powders	6	6,410	89	99,800
Total DRI, granules, powders	9	12,600	167	214,000
Grand total	1,210	312,000	13,200	4,370,000

-- 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>May include revisions to previously published data.

<sup>4</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 2015		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
Brazil	(4)	130	5	4,510
Canada	167	32,100	2,790	703,000
Chile	2	500	3	1,980
China	(4)	92	7	3,640
Colombia	--	--	1	835
Germany	(4)	15	44	3,830
Japan	(4)	31	3	1,130
Korea, Republic of	(4)	87	4	1,110
Mexico	15	6,260	233	101,000
Netherlands	--	--	109	29,700
Russia	--	--	2	458
Sweden	--	--	181	51,300
Switzerland	--	--	15	1,490
United Kingdom	(4)	6	183	57,700
Other <sup>5</sup>	2	333	13	5,510
Total	186	39,500	3,590	968,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ship, 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 January–December 2015 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 2015		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
Buffalo, NY	29	7,980	475	174,000
Charleston, SC	(4)	39	204	58,600
Chicago, IL	(4)	20	20	2,070
Detroit, MI	84	15,400	1,330	335,000
Duluth, MN	7	1,120	77	16,400
El Paso, TX	2	701	26	13,800
Galveston, TX	(4)	19	5	5,100
Great Falls, MT	2	357	31	7,670
Laredo, TX	5	2,290	154	62,300
Los Angeles, LA	(4)	132	6	2,400
Mobile, AL	5	2,250	130	42,700
New Orleans, LA	(4)	6	218	57,300
New York City, NY	(4)	110	2	2,030
Nogales, AZ	1	225	12	3,290
Ogdensburg, NY	2	375	37	12,900
Pembina, ND	5	1,040	110	28,200
Philadelphia, PA	(4)	9	1	293
Portland, ME	(4)	86	2	1,170
San Diego, CA	3	876	29	9,200
Savannah, GA	2	491	4	1,330
Seattle, WA	35	5,140	676	120,000
St. Albans, VT	3	589	27	6,360
Wilmington, NC	(4)	51	5	3,670
Other	1	235	7	1,880
Total	186	39,500	3,590	968,000

<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	December 2015		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	12	1,670	188	40,600
No. 2 heavy melting steel	7	1,360	137	29,600
No. 1 bundles	49	9,100	867	228,000
No. 2 bundles	4	849	67	16,000
Shredded steel scrap	13	1,460	476	102,000
Borings, shovelings and turnings	2	162	58	10,100
Cut plate and structural	9	1,550	178	40,400
Tinned iron or steel	3	624	69	15,100
Remelting scrap ingots	--	--	(4)	154
Cast iron	9	1,300	140	30,100
Other iron and steel	26	4,760	575	125,000
Total carbon steel and cast iron	133	22,800	2,750	637,000
Stainless steel	14	9,100	192	165,000
Other alloy steel	38	7,600	643	166,000
Total stainless and alloy steel	53	16,700	835	331,000
Total carbon, stainless, alloy steel and cast iron	186	39,500	3,590	968,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	51	(4)	256
Total scrap imports	186	39,600	3,590	968,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	271	50,400	4,530	1,290,000
Pig iron > or = 0.5% phosphorus	--	--	(4)	33
Alloy pig iron	(4)	36	4	2,960
Total pig iron	271	50,500	4,530	1,290,000
Direct-reduced iron (DRI)	161	28,400	1,860	483,000
Spongy iron products, not DRI	(4)	300	3	6,600
Granules for abrasive cleaning and other uses	28	8,470	53	30,900
Powders of alloy steel	5	6,680	59	89,000
Other ferrous powders	3	5,250	46	78,100
Total DRI, granules, powders	198	49,100	2,030	688,000
Grand total	655	139,000	10,100	2,950,000

-- 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>May include revisions to previously published data.

<sup>4</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>
2014:						
December	7,220	88,200	74.6	77.5	98.8	98.5
2015:						
January	7,260	7,260	76.4	76.4	98.7	98.7
February	6,190	13,400	72.1	74.4	98.4	98.6
March	6,430	19,900	67.7	72.1	98.7	98.6
April	6,410	26,300	69.8	71.5	98.7	98.6
May	6,840	33,100	72.1	71.6	99.0	98.7
June	6,840	40,000	74.4	72.1	99.0	98.8
July	7,030	47,000	73.2	72.3	99.4	98.9
August	6,940	53,900	72.2	72.3	99.3	98.9
September	6,560	60,500	70.5	71.2	99.4	99.0
October	6,550	67,100	68.1	71.7	99.2	99.0
November	5,830	72,900	62.7	70.9	99.1	99.0
December	5,960	78,800	62.1	70.1	99.3	99.0

<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		Scrap Price Bulletin			
	No. 1 HMS		No. 1 HMS		Pig Iron <sup>1</sup>	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
<b>2014:</b>						
December	308.46	303.58	311.16	306.25	424.18	417.18
Average, January–December	356.31	350.68	357.70	352.05	449.61	442.49
<b>2015:</b>						
January	320.70	315.63	324.17	319.05	424.18	417.48
February	247.16	243.26	257.09	253.03	347.98	342.48
March	226.67	223.09	234.43	230.73	322.58	317.49
April	229.24	225.62	235.33	231.61	322.58	317.49
May	231.33	227.67	234.83	231.12	322.58	317.49
June	246.12	242.23	249.56	245.62	322.58	317.49
July	239.74	235.95	245.09	241.22	322.58	317.49
August	214.38	210.99	217.10	213.67	302.26	297.49
September	200.67	197.50	199.17	196.02	297.18	292.49
October	162.94	160.37	164.17	161.58	297.18	292.49
November	141.81	139.57	146.57	144.26	297.18	292.19
December	142.03	139.79	149.75	147.38	276.86	272.49

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

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