

# Mineral Industry Surveys

#### For information, contact:

Michael D. Fenton, Iron and Steel Scrap Commodity Specialist National Minerals Information Center U.S. Geological Survey 989 National Center Reston, VA 20192

Telephone: (703) 648-4972, Fax: (703) 648-7757

Email: mfenton@usgs.gov

Hoa P. Phamdang (Data) Telephone: (703) 648-7965 Fax: (703) 648-7975 Email: hphamdan@usgs.gov

Internet: http://minerals.usgs.gov/minerals/

#### IRON AND STEEL SCRAP IN JANUARY 2017

On a daily average basis in January 2017, iron and steel scrap consumption decreased by 5% and home scrap production decreased by 10% compared with those of December 2016 (table 1). Purchased scrap receipts in January 2017 decreased slightly from that of December 2016. Stocks of purchased and home scrap at the end of January 2017 were down by 4% from those at the end of December 2016. These observations are based upon responses from about 21% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 33% of the total scrap consumption in those sectors and estimates for nonrespondents to this survey.

On a daily average basis in January 2017, pig iron production decreased by 9% and consumption decreased by 4% compared with those of December 2016 (table 1). Stocks of pig iron at the end of January 2017 decreased by 14% from those at the end of December 16.

Exports of iron and steel scrap in January 2017 decreased by 20% from those in December 2016 (table 6). Mexico was the leading country of destination, accounting for 19% of the total tonnage of exports, followed by Taiwan with 12% and China with 10%. Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 19% of the total, followed by San Francisco, CA, with 13% and New York City, NY, with 10% (table 7).

Imports of iron and steel scrap for January 2017 increased by 20% from those in December 2016 (table 9). Canada was the leading country of origin, accounting for 72% of the total tonnage of imports, followed by United Kingdom with 11% and Sweden with 10%. Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 36% of the total, followed by Buffalo, NY, with 17% and New Orleans, LA, with 15% (table 10).

The daily average domestic raw steel production for January 2017, as calculated from the American Iron and Steel Institute (AISI) monthly production data, was 225,000 metric tons, up by 8% from that in January and December 2016 (table 12). Raw steel production capability utilization (AISI data) was 73% in January 2017, up from 68% in December 2016 and up from 69% in January 2016 (table 12). The electric furnace portion of raw steel production for January 2017 was 68%, the same as that in December 2016, and up from 66% in January 2016.

Continuous cast steel production accounted for 99.6% of total raw steel production in January 2017, 99.6% in December 2016, and 99.2% in January 2016 (table 12).

List services and Web feed subscribers are the first to receive notification of USGS minerals information publications and data releases. For information on how to subscribe, go to http://minerals.usgs.gov/minerals/.

# ${\it TABLE~1}$ IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS $^{1,2}$

#### (Thousand metric tons)

		January 2017	
		Electric	
	Integrated	furnace	Total for
	steel	steel	steel
	producers <sup>3</sup>	producers4	producers
Scrap:			
Receipts from dealers and other sources	1,420	1,710	3,130
Receipts from other own company plants	39	147	187
Production recirculating scrap	204	150	354
Production obsolete scrap	W	W	7
Consumption (by type of furnace):	·		
Blast furnace	W	W	134
Basic oxygen process	W	$\mathbf{W}$	348
Electric furnace	1,210	1,770	2,980
Other (including air furnace) <sup>5</sup>	W	W	217
Total consumption	1,690	1,990	3,680
Shipments	51	6	57
Stocks, end of period	1,730	2,080	3,800
Pig iron (includes hot metal):			
Receipts	335	57	392
Production	1,260		1,260
Consumption (by type of furnace):			
Basic oxygen process	W	$\mathbf{W}$	W
Direct castings <sup>6</sup>			
Electric furnace	W	W	W
Total consumption	1,620	86	1,700
Shipments	<del></del>		
Stocks, end of period	W	$\mathbf{W}$	344
Direct-reduced iron: <sup>7</sup>			
Receipts	79	87	166
Total consumption	96	81	177
Stocks, end of period	151	73	224

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and (or) "Total consumption."

 $<sup>^{1}\</sup>mathrm{Data}$  are rounded to no more than three significant digits; may not add to totals shown.

<sup>&</sup>lt;sup>2</sup>Includes manufacturers of raw steel that also produce steel castings. January 2017 data are based on returns from 21% of consumer surveys, representing 33% of scrap consumption during this month, and estimates for nonrespondents of this survey. <sup>3</sup>Includes data for electric furnaces operated by integrated steel producers.

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

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

<sup>&</sup>lt;sup>6</sup>Includes ingot molds and stools.

<sup>&</sup>lt;sup>7</sup>Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipt."

# TABLE 2 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, CONSUMPTION, AND STOCKS OF IRON AND STEEL SCRAP, BY GRADE, FOR STEEL PRODUCERS $^{1,\,2}$

		January 2017		
	Receipts of scrap	Production of home		
	from brokers,	scrap (recirculating	Consumption of	
	dealers, and other	scrap resulting from	purchased and	Ending
Item	outside sources	current operations)	home scrap <sup>3</sup>	stocks
Carbon steel:			•	
Low-phosphorus plate and				
punchings	42	W	44	W
Cut structural and plate	283	23	303	286
No. 1 heavy melting steel	281	42	336	226
No. 2 heavy melting steel	358	27	391	223
No. 1 and electric furnace				
bundles	149	W	178	162
No. 2 and all other bundles	65		73	27
Electric furnace 1 foot and				
under (not bundles)	W	W	W	W
Railroad rails	15		15	7
Turnings and borings	169	2	174	143
Slag scrap	30	70	65	125
Shredded and fragmentized	870	W	941	1,430
No. 1 busheling	384	19	448	273
Steel cans (post consumer)	5		5	(4)
All other carbon steel scrap	228	71	305	369
Stainless steel scrap	75	27	111	62
Alloy steel scrap	28	19	47	183
Ingot mold and stool scrap	W	W	3	2
Machinery and cupola cast iron	W	W	W	W
Cast iron borings	12	W	13	4
Other iron scrap	92	31	117	82
Other mixed scrap	44	5	105	72
Total	3,130	354	3,680	3,800

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

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

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

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

<sup>&</sup>lt;sup>4</sup>Less than ½ unit.

TABLE 3 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP, BY REGION AND STATE, FOR STEEL PRODUCERS  $^{\!1,2}$ 

	January 2017				
Region and State	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>		
Mid-Atlantic and New England:		1 1 1 1 1 1 1 1 1 1 1 1 1	nome serap		
New Jersey, New York,	<del></del> ,				
Pennsylvania	339	52	393		
North Central:					
Illinois and Indiana	389	27	426		
Iowa, Minnesota, Nebraska,					
Wisconsin	215	17	235		
Michigan	153	51	172		
Ohio	451	86	556		
Total	1,210	183	1,390		
South Atlantic:					
Virginia, West Virginia	78	7	119		
Georgia, North Carolina,					
South Carolina	239	14	276		
Total	317	21	395		
South Central:					
Alabama, Kentucky,					
Mississippi, Tennessee	550	38	602		
Arkansas, Louisiana,					
Texas	545	44	670		
Total	1,100	82	1,270		
Mountain and Pacific:		<u> </u>	_		
Arizona, California, Colorado,					
Oregon, Utah, Washington	173	16	232		
Grand total	3,130	354	3,680		

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

 $<sup>^2\</sup>mbox{Includes}$  manufacturers of raw steel that also produce steel castings.

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

## TABLE 4 $\mbox{RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, } \\ \mbox{FOR STEEL PRODUCERS}^{1,\,2,\,3,\,4}$

		J	anuary 2017		
	Mid-Atlantic				Mountain
	and	North	South	South	and
Item	New England	Central	Atlantic	Central	Pacific
Carbon steel:					
Low-phosphorus plate and	<del></del>				
punchings	10	W		W	W
Cut structural and plate	35	96	24	107	W
No. 1 heavy melting steel	58	83	15	100	25
No. 2 heavy melting steel	6	91	43	186	W
No. 1 and electric furnace	<del></del>				
bundles	8	106	4	27	W
No. 2 and all other bundles		36	1	W	W
Electric furnace 1 foot and	<del>_</del>				
under (not bundles)		W		W	
Railroad rails	W	W		3	W
Turnings and borings		55	24	65	7
Slag scrap		21	1	1	1
Shredded and fragmentized		273	152	360	25
No. 1 busheling	43	153	30	155	2
Steel cans (post consumer)	W	W			
All other carbon steel scrap	35	154	3	34	3
Stainless steel scrap	W	W		W	
Alloy steel scrap		24		W	
Ingot mold and stool scrap	W	W		W	
Machinery and cupola cast iron		W	W	W	
Cast iron borings	W	W	W		W
Other iron scrap		33	W	6	W
Other mixed scrap	W	19	W	5	W
Total	339	1,210	317	1,100	173

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

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

 $<sup>^2\</sup>mbox{A}$  breakout of the States within each region is provided in Table 3.

 $<sup>^3\</sup>mbox{Includes}$  manufacturers of raw steel that also produce steel castings.

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

## TABLE 5 CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS $^{1,\,2,\,3}$

		J	anuary 2017		
	Mid-Atlantic		-		Mountain
	and	North	South	South	and
Item	New England	Central	Atlantic	Central	Pacific
Carbon steel:					
Low-phosphorus plate and	<del>_</del>				
punchings	10	W	W	W	W
Cut structural and plate	40	94	45	104	W
No. 1 heavy melting steel	60	111	18	121	26
No. 2 heavy melting steel		98	47	200	36
No. 1 and electric furnace	<del>_</del>				
bundles	8	114	4	48	W
No. 2 and all other bundles		39	6	16	W
Electric furnace 1 foot and	<del>_</del>				
under (not bundles)		W		W	
Railroad rails	W	W		3	W
Turnings and borings		57	24	66	7
Slag scrap	9	42	2	10	W
Shredded and fragmentized	54	289	184	389	25
No. 1 busheling	44	163	32	207	2
Steel cans (post consumer)	W	W			
All other carbon steel scrap	49	200	7	46	3
Stainless steel scrap	53	22		W	
Alloy steel scrap	10	29		W	
Ingot mold and stool scrap	W	2		W	
Machinery and cupola cast iron		W	W	W	
Cast iron borings	W	W	W		W
Other iron scrap	6	49	W	5	
Other mixed scrap	W	31	W	5	W
Total	393	1,390	395	1,270	232

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

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

 $<sup>^2\</sup>mbox{A}$  breakout of the States within each region is provided in Table 3.

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

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

(Thousand metric tons and thousand dollars)

	January 2017		
Region and country	Quantity	Value	
North America and South America:			
Canada	58	15,100	
Ecuador	30	8,450	
Mexico	182	52,400	
Peru	65	17,200	
Other <sup>3</sup>	1	26	
Total	336	93,100	
Africa, Europe, Middle East:			
Belgium	1	163	
Germany	(4)	109	
Italy	36	9,580	
Kuwait	46	12,100	
Netherland	1	209	
Spain	(4)	99	
Sweden	(4)	99	
Turkey	82	22,200	
United Arab Emirates	_ 2	558	
Other <sup>3</sup>	1	358	
Total	169	45,400	
Asia, Australia, Oceania:			
Bangladesh	32	7,560	
China	95	69,400	
Hong Kong	3	2,440	
India	21	8,120	
Indonesia	1	418	
Japan	_ 2	1,990	
Korea, Republic of	88	24,500	
Malaysia	3	912	
Pakistan	32	12,000	
Singapore	1	277	
Taiwan	116	40,800	
Thailand	33	8,710	
Vietnam	47	12,400	
Other <sup>3</sup>	(4)	7	
Total	473	190,000	
Grand total	978	328,000	

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

<sup>&</sup>lt;sup>3</sup>Includes countries with January 2017 quantities of less than 500 metric tons.

<sup>&</sup>lt;sup>4</sup>Less than ½ unit.

# TABLE 7 $\mbox{U.s. EXPORTS OF IRON AND STEEL SCRAP BY REGION AND SELECTED CUSTOMS DISTRICT}^{1,2}$

(Thousand metric tons and thousand dollars)

	January 2017		
Region and customs district	Quantity	Value	
Canada–United States border:			
Buffalo, NY		3,640	
Detroit, MI		3,030	
Great Falls, MT		674	
Ogdensburg, NY		758	
Pembina, ND		4,820	
Other	6	1,040	
Total	51	14,000	
East coast:			
Baltimore, MD	<del></del> 7	5,390	
Boston, MA	<del></del> 77	21,400	
Charleston, SC	4	2,800	
Miami, FL		6,670	
New York City, NY	100	41,200	
Norfolk, VA		8,240	
Philadelphia, PA	63	17,600	
Portland, ME	4	687	
Providence, RI		5,800	
Savannah, GA		6,720	
St. Albans, VT	4	628	
Other	1	93	
Total	323	117,000	
Gulf coast and Mexico-United States		.,	
border (includes Caribbean territories):	<u> </u>		
El Paso, TX	4	961	
Houston-Galveston, TX	38	14,300	
Laredo, TX	63	20,500	
San Juan, PR		3,890	
Tampa, FL		8,240	
Other	(3)	335	
Total	147	48,300	
West coast and Hawaii:		•	
Columbia-Snake, OR	30	7,970	
Honolulu, HI, and Anchorage, AK	1	226	
Los Angeles, CA	184	73,100	
San Diego, CA		6,660	
San Francisco, CA	130	37,300	
Seattle, WA	82	23,500	
Total	456	149,000	
Grand total	978	328,000	
<sup>1</sup> Includes tipplate and terpenlate; evaluate used			

<sup>&</sup>lt;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.

 $<sup>^2\</sup>mathrm{Data}$  are rounded to no more than three significant digits; may not add to totals shown.

<sup>&</sup>lt;sup>3</sup>Less than ½ unit.

# $\label{eq:table 8} \mbox{U.S. EXPORTS OF IRON AND STEEL SCRAP AND} \\ \mbox{OTHER FERROUS PRODUCTS BY GRADE}^{1,2}$

#### (Thousand metric tons and thousand dollars)

	January	2017
Item	Quantity	Value
No. 1 heavy melting steel	236	63,600
No. 2 heavy melting steel	30	8,160
No. 1 bundles	5	1,400
No. 2 bundles	(3)	40
Shredded steel scrap	401	110,000
Borings, shovelings and turnings	(3)	94
Cut plate and structural	31	8,340
Tinned iron or steel	6	2,040
Remelting scrap ingots	(3)	74
Cast iron	14	5,040
Other iron and steel	184	67,200
Total carbon steel and cast iron	907	266,000
Stainless steel	34	36,900
Other alloy steel	37	25,200
Total stainless and alloy steel	71	62,100
Total carbon, stainless, alloy steel and cast iron	978	328,000
Ships, boats, and other vessels for	<del></del>	
breaking up (for scrapping)	1	57
Used rails for rerolling and other uses	1	2,050
Total scrap exports	979	330,000
Exports of manufactured ferrous products:		
Pig iron < or = 0.5% phosphorus	5	1,680
Pig iron > or = 0.5% phosphorus	(3)	11
Alloy pig iron		
Total pig iron	5	1,700
Direct-reduced iron (DRI)	94	20,400
Spongy iron products, not DRI	(3)	3,030
Granules for abrasive cleaning and other uses	2	3,340
Powders of alloy steel	2	4,090
Other ferrous powders	8	8,440
Total DRI, granules, powders	106	39,300
Grand total	1,091	371,000

<sup>--</sup> Zero.

<sup>&</sup>lt;sup>1</sup>Export valuation is on a free-alongside-ship basic.

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

<sup>&</sup>lt;sup>3</sup>Less than ½ unit.

 $\label{eq:table 9} \mbox{U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP BY SELECTED COUNTRY}^{1,2}$ 

(Thousand metric tons and thousand dollars)

	January 2017			
Country	Quantity	Value		
Bahamas	1	80		
Brazil	(3)	555		
Canada	247	71,400		
China	(3)	156		
France	(3)	98		
Germany	(3)	57		
Mexico		10,200		
Sweden	33	8,610		
United Kingdom	39	10,700		
Other <sup>4</sup>	1	480		
Total	343	102,000		

<sup>&</sup>lt;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.

 $<sup>^2\</sup>mathrm{Data}$  are rounded to no more than three significant digits; may not add to totals shown.

<sup>&</sup>lt;sup>3</sup>Less than ½ unit.

 $<sup>^4\</sup>mathrm{Includes}$  countries with January 2017 quantities of less than 500 metric tons.

TABLE 10  ${\hbox{U.s. IMPORTS FOR CONSUMPTION OF IRON AND} } \\ {\hbox{STEEL SCRAP BY SELECTED CUSTOMS DISTRICT}^{1,\,2} }$ 

(Thousand metric tons and thousand dollars)

	January 2017		
Customs district	Quantity	Value	
Baltimore, MD	(3)	60	
Buffalo, NY	58	23,200	
Charleston, SC	20	5,620	
Detroit, MI	123	34,800	
Duluth, MN	5	1,280	
El Paso, TX	3	1,040	
Galveston, TX	1	709	
Great Falls, MT	2	338	
Laredo, TX	12	5,680	
Miami	1	115	
Mobil, AL	3	1,610	
New Orleans, LA	51	13,800	
Nogales, AZ	1	167	
Ogdensburg, NY	2	1,020	
Pembina, ND	7	2,040	
Portland, ME	1	347	
San Diego, CA	3	1,790	
Seattle, WA	46	7,780	
S. Albans, VT	2	512	
Other	2	495	
Total	343	102,000	

<sup>&</sup>lt;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>&</sup>lt;sup>3</sup>Less than ½ unit.

## TABLE 11 U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE $^{1,2}$

(Thousand metric tons and thousand dollars)

-	January	2017	
Item	Quantity	Value	
No. 1 heavy melting steel	14	3,600	
No. 2 heavy melting steel	6	1,340	
No. 1 bundles	74	21,400	
No. 2 bundles	6	1,440	
Shredded steel scrap	100	23,700	
Borings, shovelings and turnings	6	1,390	
Cut plate and structural	15	3,610	
Tinned iron or steel	7	2,120	
Remelting scrap ingots	(3)	62	
Cast iron	9	2,300	
Other iron and steel	37	8,130	
Total carbon steel and cast iron	273	69,200	
Stainless steel	22	21,800	
Other alloy steel	48	11,500	
Total stainless and alloy steel	70	33,200	
Total carbon, stainless, alloy steel and cast iron	343	102,000	
Ships, boats, and other vessels for	<del></del>		
breaking up (for scrapping)	(3)	3	
Used rails for rerolling and other uses	6	1,780	
Total scrap imports	350	104,000	
Imports of manufactured ferrous products:			
Pig iron < or = 0.5% phosphorus	168	45,600	
Pig iron > or = 0.5% phosphorus			
Alloy pig iron	(3)	38	
Total pig iron	168	45,600	
Direct-reduced iron (DRI)	251	50,000	
Spongy iron products, not DRI	(3)	396	
Granules for abrasive cleaning and other uses	2	2,230	
Powders of alloy steel	6	8,670	
Other ferrous powders	4	6,000	
Total DRI, granules, powders	264	67,200	
Grand total	782	217,000	

<sup>--</sup> Zero.

<sup>&</sup>lt;sup>1</sup>Import valuation is on a free-alongside-ship basic.

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

<sup>&</sup>lt;sup>3</sup>Less than ½ unit.

TABLE 12 U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION, AND CONTINUOUS CAST STEEL PRODUCTION  $^{\rm I}$ 

	Raw steel p		Raw steel		Continuous		
	thousand m	etric tons	utilization, percent pr		production	production, percent	
		Year		Year		Year	
Period	Monthly	to date <sup>2</sup>	Monthly	to date <sup>2</sup>	Monthly	to date <sup>2</sup>	
2016:							
January	6,460	6,460	68.7	68.7	99.2	99.2	
February	6,420	12,900	73.1	70.8	99.2	99.2	
March	6,770	19,700	72.1	71.3	99.2	99.2	
April	6,600	26,300	72.6	71.6	99.2	99.2	
May	6,980	33,200	74.3	72.1	99.6	99.3	
June	6,820	40,100	75.1	72.6	99.2	99.3	
July	6,700	46,800	71.3	72.4	99.5	99.3	
August	6,650	53,400	70.8	72.2	99.7	99.3	
September	6,190	59,600	68.0	71.8	99.4	99.4	
October	6,230	65,800	65.4	71.1	99.6	99.4	
November	6,190	72,000	67.1	70.8	99.6	99.4	
December	6,460	78,500	67.8	70.5	99.6	99.4	
2017, January	6,980	6,980	73.3	73.3	99.6	99.6	

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

Source: American Iron and Steel Institute.

 ${\it TABLE~13}$   ${\it COMPOSITE~PRICES~FOR~NO.~1~HEAVY~MELTING~STEEL~SCRAP~AND~PIG~IRON}$ 

Period	American Metal Market No. 1 HMS		Scrap Price Bulletin			
			No. 1 HMS		Pig Iron <sup>1</sup>	
	\$/lt	\$/t	\$/1t	\$/t	\$/1t	\$/t
2016:						
January	154.87	152.42	160.17	157.64	237.54	233.79
February	157.33	154.85	163.50	160.92	218.54	215.09
March	169.00	166.33	173.25	170.51	218.54	215.09
April	210.01	206.69	209.75	206.44	254.00	249.99
May	241.27	237.46	245.83	241.95	299.72	294.99
June	223.21	219.68	221.42	217.92	299.72	294.99
July	208.40	205.11	211.42	208.08	295.91	291.24
August	208.90	205.60	209.84	206.53	292.10	287.49
September	196.64	193.53	197.67	194.55	275.59	271.24
October	179.20	176.37	178.84	176.01	268.22	263.99
November	200.45	197.28	206.42	203.16	274.32	269.99
December	238.49	234.72	245.72	241.84	321.73	316.65
Average, January–December	198.98	195.84	201.99	198.80	271.33	267.04
2017, January	274.26	269.93	221.74	218.24	345.44	339.98

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

Note: Long tons = 1t; metric tons = t.

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