

# Mineral Industry Surveys

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### **IRON AND STEEL SCRAP IN MARCH 2015**

On a daily average basis in March 2015, iron and steel scrap consumption and home scrap production each decreased by 6% compared with those of February 2015. Purchased scrap receipts in March 2015 were down by 11% from those of February 2015. Stocks of purchased and home scrap at the end of March were down slightly from those at the end of February. These observations are based upon responses from about 23% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 30% of the total scrap consumption in those sectors and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production decreased by 15% and consumption decreased by 8% compared with those of February 2015. Stocks of pig iron at the end of March decreased by 7% from those at the end of February.

Exports of iron and steel scrap in March 2015 increased by 25% from those in February 2015. Taiwan was the leading country of destination, accounting for 19% of the total tonnage of exports, followed by Turkey with 18% and Mexico with 12% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 22% of the total, followed by San Francisco, CA, with 14% and Houston-Galveston, TX, with 8% (table 7).

Imports of iron and steel scrap for March 2015 decreased by 6% from those in February 2015. Canada was the leading

country of origin, accounting for 83% of the total tonnage of imports, followed by Germany with 9% and Mexico with 7% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 38% of the total, followed by Seattle, WA, with 22% and Buffalo, NY, with 16% (table 10).

The daily average domestic raw steel production for March 2015, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 208,000 metric tons, down by 6% from that in February 2015 and down by 14% from that in March 2014 (table 12). Raw steel production capability utilization (AISI data) was 68% in March 2015, down from 72% in February 2015, and down from 78% in March 2014 (table 12). The electric furnace portion of raw steel production for March 2015 was 63% and in February 2015 and 62% in March 2014.

Continuous cast steel production accounted for 99% of total raw steel production in March 2015, February 2015, and March 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)

		March 2015			January–March <sup>3</sup>	
		Electric			Electric	
	Integrated	furnace	Total for	Integrated	furnace	Total for
	steel	steel	steel	steel	steel	steel
	producers <sup>4</sup>	producers <sup>5</sup>	producers	producers4	producers <sup>5</sup>	producers
Scrap:						
Receipts from dealers and other sources	1,520	1,920	3,440	4,790	5,780	10,600
Receipts from other own company plants	41	180	221	125	519	644
Production recirculating scrap	265	174	439	771	528	1,300
Production obsolete scrap	W	W	9	W	W	27
Consumption (by type of furnace):						
Blast furnace	W	W	182	W	W	618
Basic oxygen process	W	W	297	W	W	1,010
Electric furnace	1,320	2,040	3,360	3,910	5,970	9,890
Other (including air furnace) <sup>6</sup>	W	W	219	W	W	672
Total consumption	1,770	2,290	4,060	5,420	6,770	12,200
Shipments	56	10	66	163	36	199
Stocks, end of period	1,870	2,070	3,940	1,870	2,070	3,940
Pig iron (includes hot metal):						
Receipts	344	59	403	1,140	239	1,380
Production	1,260		1,260	4,280		4,280
Consumption (by type of furnace):						
Basic oxygen process	W	W	1,510	W	W	5,060
Direct castings <sup>7</sup>	W	W	168	W	W	458
Electric furnace	4	14	18	12	28	54
Total consumption	1,630	67	1,700	5,390	184	5,580
Shipments	W		W	W		W
Stocks, end of period	217	258	475	217	258	475
Direct-reduced iron: <sup>8</sup>						
Receipts	72	(9)	72	292	67	359
Total consumption	234	35	269	820	99	919
Stocks, end of period	183	15	198	183	15	198

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. March 2015 data are based on returns from 23% of consumer surveys, representing 30% 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>

		March 2015				January–March <sup>3</sup>	
Item	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	W	169	W	177
Cut structural and plate	293	30	319	318	887	91	970
No. 1 heavy melting steel	324	61	399	331	1,000	167	1,210
No. 2 heavy melting steel	403	32	454	312	1,270	95	1,410
No. 1 and electric furnace							
bundles	154	W	171	192	487	W	478
No. 2 and all other bundles	70		70	38	199		200
Electric furnace 1 foot and							
under (not bundles)	3	W	W	W	6	W	W
Railroad rails	14		15	18	44		44
Turnings and borings	204	4	198	146	568	14	578
Slag scrap	56	61	81	107	161	191	246
Shredded and fragmentized	983	W	1,120	1,200	3,100	W	3,360
No. 1 busheling	378	17	425	304	1,110	47	1,180
Steel cans (post consumer)	7		7	W	21		21
All other carbon steel scrap	180	95	251	313	554	299	790
Stainless steel scrap	77	27	110	62	224	80	329
Alloy steel scrap	36	20	52	180	113	61	168
Ingot mold and stool scrap	W	W	7	8	W	W	20
Machinery and cupola cast iron	W		W	W	W		W
Cast iron borings	W	W	W	W	W	W	W
Motor blocks	W		W	W	W		W
Other iron scrap	56	18	75	54	187	51	229
Other mixed scrap	116	42	225	173	378	110	674
Total	3,440	439	4,060	3,940	10,600	1,300	12,200

#### (Thousand metric tons)

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>

		March 2015			January–March <sup>3</sup>	
	Receipts of scrap	Production of home		Receipts of scrap	Production of home	
	from brokers,	scrap (recirculating	Consumption of	from brokers,	scrap (recirculating	Consumption of
	dealers, and other	scrap resulting from	purchased and	dealers, and other	scrap resulting from	purchased and
Region and State	outside sources	current operations)	home scrap <sup>4</sup>	outside sources	current operations)	home scrap <sup>4</sup>
Mid-Atlantic and New England:			•			
New Jersey, New York,						
Pennsylvania	419	67	477	1,240	203	1,450
North Central:						
Illinois and Indiana	406	38	462	1,220	110	1,390
Iowa, Minnesota, Nebraska,						
Wisconsin	227	30	263	679	89	785
Michigan	115	66	150	417	190	497
Ohio	495	90	556	1,540	261	1,760
Total	1,240	224	1,430	3,850	649	4,430
South Atlantic:						
Virginia, West Virginia	63	20	122	233	57	357
Georgia, North Carolina,						
South Carolina	320	25	328	929	72	996
Total	383	45	450	1,160	129	1,350
South Central:						
Alabama, Kentucky,						
Mississippi, Tennessee	591	38	715	1,890	111	2,090
Arkansas, Louisiana,						
Texas	531	41	639	1,620	134	1,820
Total	1,120	79	1,350	3,500	245	3,910
Mountain and Pacific:						
California, Colorado,						
Oregon, Utah, Washington	270	25	351	808	74	1,050
Grand total	3,440	439	4,060	10,600	1,300	12,200

#### (Thousand metric tons)

<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>

		Ν	Aarch 2015				Jan	uary–March <sup>5</sup>		
	Mid-Atlantic				Mountain	Mid-Atlantic				Mountain
	and	North	South	South	and	and	North	South	South	and
Item	New England	Central	Atlantic	Central	Pacific	New England	Central	Atlantic	Central	Pacific
Carbon steel:										
Low-phosphorus plate and										
punchings	21	W		W	W	62	W	W	W	W
Cut structural and plate	45	81	36	111	W	132	266	87	343	W
No. 1 heavy melting steel	62	83	19	133	28	181	267	57	413	84
No. 2 heavy melting steel	10	127	52	180	35	29	425	166	543	104
No. 1 and electric furnace										
bundles	13	109	4	24	W	39	321	12	102	W
No. 2 and all other bundles	11	36	W	W	W	36	99	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	W	W
Turnings and borings	16	71	27	83	7	46	196	79	226	21
Slag scrap	8	27	2	W	W	25	79	5	W	W
Shredded and fragmentized	107	271	180	337	88	292	835	572	1,140	264
No. 1 busheling	58	149	30	140	2	181	454	81	393	5
Steel cans (post consumer)	W	W				W	W			W
All other carbon steel scrap	16	127	3	32	3	61	385	W	91	8
Stainless steel scrap	W	W		W		W	39		W	
Alloy steel scrap	1	33		W		2	W	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	48	W	3	W	W	144	W	23	W
Other mixed scrap	W	5	W	14	W	W	42	W	W	W
Total	419	1,240	383	1,120	270	1,240	3,850	1,160	3,500	808

#### (Thousand metric tons)

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>

		Ν	Aarch 2015				January–March <sup>4</sup>			
	Mid-Atlantic				Mountain	Mid-Atlantic		-		Mountain
	and	North	South	South	and	and	North	South	South	and
Item	New England	Central	Atlantic	Central	Pacific	New England	Central	Atlantic	Central	Pacific
Carbon steel:										
Low-phosphorus plate and	_									
punchings	21	W	W	W	W	62	W	W	W	W
Cut structural and plate	43	93	47	116	W	134	300	144	332	W
No. 1 heavy melting steel	71	110	21	168	29	213	341	67	504	88
No. 2 heavy melting steel	14	143	62	197	W	42	468	189	598	W
No. 1 and electric furnace	_									
bundles	13	111	4	40	W	38	313	13	102	W
No. 2 and all other bundles		34	6	16	W	36	98	W	W	W
Electric furnace 1 foot and	_									
under (not bundles)		W		W			W		W	
Railroad rails	W	W		3	W	W	W		9	W
Turnings and borings	17	68	27	78	7	51	197	81	229	21
Slag scrap	12	40	2	25	W	36	125	5	74	W
Shredded and fragmentized	96	305	206	424	88	283	946	629	1,240	264
No. 1 busheling	60	159	34	171	2	183	478	90	428	5
Steel cans (post consumer)	W	W				W	W			
All other carbon steel scrap	37	159	7	45	3	125	504	20	133	8
Stainless steel scrap	54	20		W		162	59		W	
Alloy steel scrap	9	34		W		28	113	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		W
Motor blocks		W					W			
Other iron scrap	6	55	5	9	W	19	170	W	23	W
Other mixed scrap	W	33	W	15	W	W	104	W	W	W
Total	477	1,430	450	1,350	351	1,450	4,430	1,350	3,910	1,050

(Thousand metric tons)

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 $^{\rm l,\,2}$

	March	2015	January–I	March <sup>3</sup>
Region and country	Quantity	Value	Quantity	Value
North America and South America:				
Canada	64	15,400	174	47,000
Colombia	22	5,740	22	5,740
Dominican Republic	3	438	4	548
Ecuador	32	7,380	34	7,530
Mexico	146	38,000	257	70,700
Peru	35	9,340	123	35,600
Other <sup>4</sup>	(5)	143	1	290
Total	303	76,400	615	167,000
Africa, Europe, Middle East:				
Belgium	1	1,730	2	3,580
Egypt			68	19,900
Iceland			1	242
Kuwait			44	12,500
Morocco	23	5,290	23	5,290
Saudi Arabia			92	27,500
Turkey	215	52,700	940	267,000
United Arab Emirates	1	326	2	1,000
Other <sup>4</sup>	(5)	1,520	12	5,020
Total	240	61,500	1,180	342,000
Asia, Australia, Oceania:				
Bangladesh	8	2,320	12	3,610
China	110	61,000	189	145,000
Hong Kong	4	3,230	10	10,100
India	135	41,500	189	65,700
Indonesia	1	339	3	1,370
Japan	3	5,810	7	14,300
Korea, Republic of	108	29,600	250	76,800
Malaysia	(5)	186	22	6,290
Pakistan	23	10,200	53	26,200
Taiwan	229	71,000	527	173,000
Thailand	33	8,200	128	36,500
Vietnam	30	7,040	66	17,600
Other <sup>4</sup>	1	180	3	747
Total	685	241,000	1,460	578,000
Grand total	1,230	379,000	3,260	1,090,000

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

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free-alongside-ship basis.

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Includes countries with January–March 2015 quantities of less than 500 metric tons. <sup>5</sup>Less than <sup>1</sup>/<sub>2</sub> unit.

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

### (Thousand metric tons and thousand dollars)

	March	2015	January–March <sup>3</sup>	
Region and customs district	Quantity	Value	Quantity	Value
Canada–United States border:	· · ·			
Buffalo, NY	- 9	3,430	27	10,000
Detroit, MI	28	6,080	64	16,600
Duluth, MN	2	513	4	1,260
Great Falls, MT	(4)	25	1	292
Ogdensburg, NY	1	212	3	705
Pembina, ND	11	2,470	40	10,500
Other	5	751	12	2,310
Total	56	13,500	151	41,700
East coast:	_			
Baltimore, MD	14	5,750	33	15,900
Boston, MA	- 43	11,000	132	38,400
Charleston, SC	- 6	4,790	16	13,400
Charlotte, NC	(4)	899	2	3,110
Miami, FL	34	10,400	82	29,600
New York City, NY	92	33,300	424	145,000
Norfolk, VA	- 19	10,600	50	30,300
Philadelphia, PA	- 90	23,300	168	47,000
Porland, ME	6	1,470	17	3,970
Providence, RI	55	13,000	163	44,700
Savannah, GA	21	8,670	32	17,900
St. Albans, VT	1	412	4	1,210
Total	382	123,000	1,120	391,000
Gulf coast and Mexico-United States	_			
border (includes Caribbean territories):	-			
El Paso, TX	2	463	6	1,690
Houston-Galveston, TX	- 93	29,200	238	82,700
Laredo, TX	- 69	18,800	134	38,900
Mobile, AL	- 1	452	2	1,160
New Orleans, LA	- 1	1,290	4	2,940
San Juan, PR	5	1,030	50	12,400
Tampa, FL	47	12,700	113	34,800
Other	(4)	17	1	122
Total	218	63,900	547	175,000
West coast and Hawaii:				
Columbia–Snake, OR	- 58	13,900	148	40,400
Honolulu, HI, and Anchorage, AK	2	560	27	7,650
Los Angeles, CA	265	95,800	697	264,000
San Diego, CA	- 9	2,100	26	5,560
San Francisco, CA	165	46,000	389	118,000
Seattle, WA	- 73	19,500	149	44,000
Total	572	178,000	1,440	480,000
Grand total	1,230	379,000	3,260	1,090,000

<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 <sup>1</sup>/<sub>2</sub> unit.

### 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)

	March	2015	January–March <sup>3</sup>	
Item	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	322	81,200	934	262,000
No. 2 heavy melting steel	55	13,900	170	46,800
No. 1 bundles	9	2,270	20	5,460
No. 2 bundles	4	405	4	466
Shredded steel scrap	455	115,000	1,040	286,000
Borings, shovelings and turnings	(4)	76	3	865
Cut plate and structural	62	16,900	217	65,900
Tinned iron or steel	9	2,490	20	6,640
Remelting scrap ingots	1	280	2	1,100
Cast iron	23	6,490	52	17,200
Other iron and steel	213	77,200	587	216,000
Total carbon steel and cast iron	1,150	316,000	3,050	908,000
Stainless steel	41	42,800	105	119,000
Other alloy steel	35	19,900	105	60,300
Total stainless and alloy steel	76	62,700	210	179,000
Total carbon, stainless, alloy steel and cast iron	1,230	379,000	3,260	1,090,000
Ships, boats, and other vessels for				
breaking up (for scrapping)	(4)	43	1	172
Used rails for rerolling and other uses	3	3,310	14	15,800
Total scrap exports	1,230	382,000	3,270	1,100,000
Exports of manufactured ferrous products:				
Pig iron $<$ or $= 0.5\%$ phosphorus	2	805	7	2,670
Pig iron > or = $0.5\%$ phosphorus	(4)	36	1	125
Alloy pig iron	(4)	3	(4)	58
Total pig iron	3	844	8	2,860
Direct-reduced iron (DRI)	(4)	44	1	87
Spongy iron products, not DRI	(4)	152	(4)	313
Granules for abrasive cleaning and other uses	3	4,030	9	12,900
Powders of alloy steel	2	5,370	6	17,500
Other ferrous powders	8	9,140	23	25,800
Total DRI, granules, powders	13	18,700	38	56,600
Grand total	1,250	402,000	3,320	1,160,000

<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 <sup>1</sup>/<sub>2</sub> unit.

## TABLE 9 U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP BY SELECTED COUNTRY $^{\! 1.2}$

	March	March 2015 January–Marc		
Country	Quantity	Value	Quantity	Value
Brazil	1	199	4	3,030
Canada	222	60,000	681	207,000
Germany	23	2,510	39	2,730
Japan	3	225	3	463
Korea, Republic of	1	325	2	437
Mexico	19	8,760	72	34,400
Netherlands			29	9,280
Russia			2	458
Sweden			55	18,400
United Kingdom	(4)	36	118	39,800
Other <sup>5</sup>	(4)	884	3	3,500
Total	269	73,000	1,010	320,000

### (Thousand metric tons and thousand dollars)

-- 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 <sup>1</sup>/<sub>2</sub> unit.

<sup>5</sup>Includes countries with January–March 2015 quantities of less than 500 metric tons.

## TABLE 10 U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP BY SELECTED CUSTOMS DISTRICT<sup>1, 2</sup>

	March	2015	January–N	March <sup>3</sup>
Customs district	Quantity	Value	Quantity	Value
Buffalo, NY	44	16,500	150	63,900
Charleston, SC	1	2,120	60	21,300
Detroit, MI	102	25,800	307	89,100
Duluth, MN	5	1,320	17	4,470
El Paso, TX	3	1,490	7	3,700
Galveston, TX	(4)	171	4	4,050
Great Falls, MT	2	380	10	2,470
Laredo, TX	- 11	4,910	46	23,200
Los Angeles, LA	(4)	166	3	874
Mobil, AL	1	897	8	4,690
New Orleans, LA	25	929	184	49,000
New York City, NY	(4)	233	1	1,010
Nogales, AZ	1	253	4	1,110
Ogdensburg, NY	2	1,560	7	3,880
Pembina, ND	4	1,210	25	7,990
San Diego, CA	4	978	8	2,230
Seattle, WA	60	12,800	156	33,400
S. Albans, VT	1	347	7	1,880
Other	2	899	3	1,740
Total	269	73,000	1,010	320,000

### (Thousand metric tons and thousand dollars)

<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 <sup>1</sup>/<sub>2</sub> unit.

### 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)

	March	2015	January–March <sup>3</sup>	
Item	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	14	3,390	45	12,200
No. 2 heavy melting steel	9	2,490	31	7,990
No. 1 bundles	60	15,400	243	76,400
No. 2 bundles	2	538	14	3,640
Shredded steel scrap	23	3,820	213	57,300
Borings, shovelings and turnings	5	843	17	3,480
Cut plate and structural	16	3,930	54	13,800
Tinned iron or steel	4	727	16	3,720
Remelting scrap ingots				
Cast iron	7	1,570	30	8,530
Other iron and steel	58	8,580	151	31,300
Total carbon steel and cast iron	197	41,300	814	218,000
Stainless steel	16	14,200	56	57,200
Other alloy steel	56	17,500	138	44,400
Total stainless and alloy steel	72	31,700	194	102,000
Total carbon, stainless, alloy steel and cast iron	269	73,000	1,010	320,000
Ships, boats, and other vessels for				
breaking up (for scrapping)			(4)	16
Used rails for rerolling and other uses				
Total scrap imports	269	73,000	1,010	320,000
Imports of manufactured ferrous products:				
Pig iron $<$ or $= 0.5\%$ phosphorus	396	131,000	1,330	476,000
Pig iron > or = $0.5\%$ phosphorus				
Alloy pig iron	1	467	2	1,230
Total pig iron	397	131,000	1,330	477,000
Direct-reduced iron (DRI)	138	44,700	536	179,000
Spongy iron products, not DRI	(4)	877	1	1,660
Granules for abrasive cleaning and other uses	2	1,600	6	5,070
Powders of alloy steel	5	8,800	13	22,500
Other ferrous powders	4	7,400	11	19,600
Total DRI, granules, powders	150	63,400	568	228,000
Grand total	816	267,000	2,910	1,030,000

-- 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 <sup>1</sup>/<sub>2</sub> unit.

## TABLE 12 U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION, AND CONTINUOUS CAST STEEL PRODUCTION<sup>1</sup>

	Raw steel p	production,	Raw steel of	capability	Continuous	cast steel
	thousand n	netric tons	utilization	, percent	production	, percent
		Year		Year		Year
Period	Monthly	to date <sup>2</sup>	Monthly	to date <sup>2</sup>	Monthly	to date <sup>2</sup>
2014:						
March	7,510	21,600	77.7	77.1	98.7	98.7
April	7,160	28,800	76.6	77.0	98.4	98.6
May	7,480	36,300	77.3	77.0	98.5	98.6
June	7,350	43,600	78.5	77.3	98.4	98.6
July	7,700	51,300	79.6	77.6	98.5	98.5
August	7,760	59,100	80.2	78.0	98.5	98.5
September	7,310	66,400	78.1	78.0	98.4	98.5
October	7,400	73,800	76.5	77.8	98.3	98.5
November	7,220	81,000	77.2	77.8	98.4	98.5
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	13,500	72.1	74.4	98.4	98.6
March	6,440	19,900	67.7	72.1	98.7	98.6

<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.

Period	American Metal Market No. 1 HMS		Scrap Price Bulletin			
			No. 1 HMS		Pig Iron <sup>1</sup>	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2014:						
March	364.37	358.62	364.30	358.55	454.66	447.48
April	373.27	367.37	375.17	369.24	454.66	447.48
May	366.14	360.36	368.17	362.35	454.66	447.48
June	358.27	352.61	359.17	353.50	454.66	447.48
July	356.74	351.11	357.50	351.85	454.66	447.48
August	356.67	351.04	357.50	351.85	454.66	447.48
September	358.67	353.00	361.50	355.79	454.66	447.48
October	344.41	338.97	342.50	337.09	454.66	447.48
November	315.54	310.56	320.00	314.95	447.04	439.98
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
2014:	_					
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

### TABLE 13 COMPOSITE PRICES FOR NO. 1 HEAVY MELTING STEEL SCRAP AND PIG IRON

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

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