

# 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 JUNE 2015**

On a daily average basis in June 2015, iron and steel scrap consumption increased by 8% and home scrap production increased by 7% compared with those of May 2015. Purchased scrap receipts in June 2015 were up by 12% from that of May 2015. Stocks of purchased and home scrap at the end of June were up slightly from those at the end of May. 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 35% of the total scrap consumption in those sectors and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production increased by 13% and consumption increased by 10% compared with those of May 2015. Stocks of pig iron at the end of June decreased by 11% from those at the end of May.

Exports of iron and steel scrap in June 2015 decreased by 11% from those in May 2015. Turkey was the leading country of destination, accounting for 32% of the total tonnage of exports, followed by Taiwan with 15% and Thailand with 10% (table 6). New York City, NY, was the leading U.S. Customs district for tonnage of exports, accounting for 19% of the total, followed by Los Angeles, CA, with 17% and San Francisco, CA, with 11% (table 7).

Imports of iron and steel scrap for June 2015 decreased slightly from those in May 2015. Canada was the leading

country of origin, accounting for 93% of the total tonnage of imports, followed by Mexico with 6% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 44% of the total, followed by Seattle, WA, with 23% and Buffalo, NY, with 15% (table 10).

The daily average domestic raw steel production for June 2015, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 228,000 metric tons, up by 3% from that in May 2015 and down by 7% from that in June 2014 (table 12). Raw steel production capability utilization (AISI data) was 74% in June 2015, up from 72% in May 2015, and down from 79% in June 2014 (table 12). The electric furnace portion of raw steel production for June 2015 was 61%, down from 63% in May 2015 and down from 62% in June 2014.

Continuous cast steel production accounted for 99% of total raw steel production in June 2015 and May 2015, and 98% in June 2014.

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

#### (Thousand metric tons)

		June 2015			January–June <sup>3</sup>	
		Electric			Electric	
	Integrated	furnace	Total for	Integrated	furnace	Total for
	steel	steel	steel	steel	steel	steel
	producers <sup>4</sup>	producers55	producers	producers4	producers55	producers
Scrap:						
Receipts from dealers and other sources	1,730	1,930	3,660	9,650	11,400	21,000
Receipts from other own company plants	46	167	213	255	1,010	1,260
Production recirculating scrap	272	175	447	1,570	1,050	2,620
Production obsolete scrap	W	W	13	W	W	58
Consumption (by type of furnace):						
Blast furnace	W	W	202	W	W	1,170
Basic oxygen process	W	W	379	W	W	2,070
Electric furnace	1,360	2,040	3,400	7,950	12,000	19,900
Other (including air furnace) <sup>6</sup>	W	W	220	W	W	892
Total consumption	1,910	2,290	4,210	11,000	13,500	24,500
Shipments	64	10	74	348	65	413
Stocks, end of period	1,860	1,970	3,830	1,860	1,970	3,830
Pig iron (includes hot metal):						
Receipts	335	54	389	2,240	408	2,650
Production	1,540		1,540	8,430		8,430
Consumption (by type of furnace):						
Basic oxygen process	W	W	1,820	W	W	10,100
Direct castings <sup>7</sup>	W	W	132	W	W	971
Electric furnace	7	14	21	28	56	84
Total consumption	1,910	63	1,980	10,800	386	11,100
Shipments	W		W	W		W
Stocks, end of period	116	227	343	116	227	343
Direct-reduced iron: <sup>8</sup>						
Receipts	173	96	269	696	347	1,040
Total consumption	323	125	448	1,710	342	2,060
Stocks, end of period	267	51	318	267	51	318

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. June 2015 data are based on returns from 25% of consumer surveys, representing

35% 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."

#### 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)

		June 2015				January–June <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	Ending	dealers, and other	scrap resulting from	purchased and
Item	outside sources	current operations)	home scrap <sup>4</sup>	stocks	outside sources	current operations)	home scrap <sup>4</sup>
Carbon steel:							
Low-phosphorus plate and	_						
punchings	57	W	59	144	340	W	354
Cut structural and plate	313	29	349	303	1,770	171	1,960
No. 1 heavy melting steel	358	57	422	315	2,010	326	2,430
No. 2 heavy melting steel	413	32	465	263	2,450	192	2,750
No. 1 and electric furnace	_						
bundles	164	W	162	176	967	W	974
No. 2 and all other bundles	78		81	36	430		439
Electric furnace 1 foot and	_						
under (not bundles)	2	W	W	W	12	W	W
Railroad rails	14		15	18	86		88
Turnings and borings	194	5	195	150	1,130	28	1,160
Slag scrap	- 58	70	90	105	331	398	499
Shredded and fragmentized	1,080	W	1,140	1,250	6,160	W	6,710
No. 1 busheling	429	23	451	274	2,320	105	2,480
Steel cans (post consumer)	7		7	W	4		45
All other carbon steel scrap	174	90	262	287	1,050	577	1,600
Stainless steel scrap	- 81	27	112	63	458	161	668
Alloy steel scrap	31	20	61	174	207	122	330
Ingot mold and stool scrap	W	W	4	8	W	W	37
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	- 76	19	82	67	389	106	465
Other mixed scrap	122	44	228	175	735	243	1,330
Total	3,660	447	4,210	3,830	21,000	2,620	24,500

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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)

		June 2015			January–June <sup>3</sup>	
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>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>
Mid-Atlantic and New England:			•			•
New Jersey, New York,						
Pennsylvania	442	68	512	2,500	399	2,930
North Central:						
Illinois and Indiana	438	36	487	2,470	215	2,830
Iowa, Minnesota, Nebraska,						
Wisconsin	226	29	266	1,360	179	1,570
Michigan	163	74	177	842	427	1,040
Ohio	455	82	577	2,870	500	3,430
Total	1,280	221	1,510	7,540	1,320	8,860
South Atlantic:						
Virginia, West Virginia		23	123	480	116	723
Georgia, North Carolina,						
South Carolina	304	25	333	1,870	141	2,010
Total	393	48	457	2,350	257	2,730
South Central:						
Alabama, Kentucky,						
Mississippi, Tennessee	747	45	784	3,870	236	4,280
Arkansas, Louisiana,						
Texas	527	45	595	3,140	266	3,630
Total	1,270	90	1,380	7,010	502	7,910
Mountain and Pacific:						
California, Colorado,						
Oregon, Utah, Washington	270	21	351	1,620	143	2,070
Grand total	3,660	447	4,210	21,000	2,620	24,500

<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)

			June 2015				Ja	nuary–June <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	125	W	W	W	W
Cut structural and plate	- 48	99	28	118	W	263	538	168	678	W
No. 1 heavy melting steel	70	103	19	137	28	374	536	113	819	167
No. 2 heavy melting steel	10	127	52	189	35	59	783	307	1,090	209
No. 1 and electric furnace	_									
bundles	13	107	3	37	W	78	644	28	193	W
No. 2 and all other bundles	13	42	W	W	W	74	223	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	18	W
Turnings and borings	15	72	26	75	7	93	391	159	446	42
Slag scrap	- 8	31	2	W	W	50	169	10	W	W
Shredded and fragmentized	104	281	198	408	88	577	1,660	1,160	2,230	529
No. 1 busheling	59	151	30	187	2	356	909	186	862	9
Steel cans (post consumer)	W	W				W	W			W
All other carbon steel scrap	28	111	3	30	3	137	704	W	173	15
Stainless steel scrap	W	W		W		W	87		W	
Alloy steel scrap	- 1	28		W		4	188	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	57	W	13	W	W	306	W	45	W
Other mixed scrap	W	8	W	16	W	W	60	W	W	W
Total	442	1,280	393	1,270	270	2,500	7,540	2,350	7,010	1,620

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.

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

#### (Thousand metric tons)

			June 2015				Ja	anuary–June <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	124	W	W	W	W
Cut structural and plate	46	107	46	130	W	268	606	276	690	W
No. 1 heavy melting steel	78	132	20	164	29	426	702	130	992	175
No. 2 heavy melting steel	14	150	59	204	W	84	879	356	1,200	W
No. 1 and electric furnace										
bundles	13	108	5	33	W	77	649	28	197	W
No. 2 and all other bundles	13	40	9	17	W	74	222	W	97	W
Electric furnace 1 foot and										
under (not bundles)		W		W			W		W	
Railroad rails	W	W		3	W	W	W		17	W
Turnings and borings	18	70	27	73	7	102	400	164	447	43
Slag scrap	12	48	2	26	W	72	256	10	148	W
Shredded and fragmentized	104	314	216	412	88	569	1,860	1,280	2,470	529
No. 1 busheling	60	161	31	198	2	364	961	198	952	9
Steel cans (post consumer)	W	W				W	W	W		
All other carbon steel scrap	49	161	7	43	3	266	1,010	40	265	17
Stainless steel scrap	54	22		W		323	127		W	
Alloy steel scrap	10	42		W		59	219	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	7	57	6	11	W	40	347	W	44	W
Other mixed scrap	W	35	W	15	W	W	216	W	W	W
Total	512	1,510	457	1,380	351	2,930	8,860	2,730	7,910	2,070

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.

#### U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY $^{\rm l,\,2}$

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

	June 2	015	January-	-June <sup>3</sup>
Region and country	Quantity	Value	Quantity	Value
North America and South America:				
Canada	71	17,800	354	93,000
Colombia			22	5,910
Dominican Republic	1	154	6	864
Ecuador	(4)	3	34	7,550
Mexico	86	23,500	472	130,000
Peru	32	8,570	187	52,200
Other <sup>5</sup>	(4)	121	2	813
Total	189	50,200	1,080	290,000
Africa, Europe, Middle East:				
Belgium	(4)	411	2	5,760
Egypt	47	13,300	160	44,400
Germany	1	328	2	721
Greece	27	7,440	27	7,440
Iceland	1	339	2	581
Italy	(4)	35	24	6,690
Kuwait	40	9,560	122	30,200
Morocco	22	6,700	45	12,000
Netherlands	(4)	326	1	1,790
Saudi Arabia			133	36,300
Spain	(4)	590	10	15,800
Turkey	369	100,000	1,960	530,000
United Arab Emirates	2	574	4	1,930
Other <sup>5</sup>	3	1,590	15	7,630
Total	512	141,000	2,510	701,000
Asia, Australia, Oceania:				
Bangladesh	5	1,700	27	8,600
China	63	71,400	403	346,000
Hong Kong	7	5,770	29	29,000
India	51	24,000	497	176,000
Indonesia	6	2,110	21	8,190
Japan	2	4,630	32	28,300
Korea, Republic of	17	8,010	472	143,000
Malaysia	1	432	23	7,370
Pakistan	24	10,700	154	66,800
Singapore	(4)	20	29	6,990
Taiwan	171	56,400	1,180	386,000
Thailand	117	31,200	281	76,900
Vietnam	2	570	154	39,800
Other <sup>5</sup>	1	96	6	795
Total	467	217,000	3,310	1,320,000
Grand total	1,170	409,000	6,900	2,310,000

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

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

### 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         Canada–United States border:         Buffalo, NY         Detroit, MI         Duluth, MN         Great Falls, MT         Ogdensburg, NY         Pembina, ND         Other	Quantity 12 23 1 1 2 13 5 57	Value 3,870 6,110 294 183 559 3,410 824	January- Quantity 60 127 7 3 7	Value 21,300 33,100 1,940 555
Buffalo, NY         Detroit, MI         Duluth, MN         Great Falls, MT         Ogdensburg, NY         Pembina, ND	23 1 1 2 13 5	6,110 294 183 559 3,410	127 7 3 7	33,100 1,940 555
Detroit, MI Duluth, MN Great Falls, MT Ogdensburg, NY Pembina, ND	23 1 1 2 13 5	6,110 294 183 559 3,410	127 7 3 7	33,100 1,940 555
Duluth, MN Great Falls, MT Ogdensburg, NY Pembina, ND	1 1 2 13 5	294 183 559 3,410	7 3 7	1,940 555
Great Falls, MT Ogdensburg, NY Pembina, ND	1 2 13 5	183 559 3,410	3 7	555
Ogdensburg, NY Pembina, ND	2 13 5	559 3,410	7	
Pembina, ND	13 5	3,410		
	5	· · · · · ·		2,620
Other		824	67	17,300
	57		26	4,450
Total		15,200	298	81,200
East coast:				
Baltimore, MD	56	18,400	122	47,300
Boston, MA	29	8,000	258	72,100
Charleston, SC	6	4,960	34	30,000
Charlotte, NC	1	741	5	6,560
Miami, FL	30	10,700	177	63,000
New York City, NY	224	75,200	1,040	348,000
Norfolk, VA	18	10,200	119	58,000
Philadelphia, PA	65	19,500	365	100,000
Porland, ME	11	2,400	43	9,580
Providence, RI	40	11,000	314	83,400
Savannah, GA	7	4,520	68	36,300
St. Albans, VT	2	361	12	3,000
Total	487	166,000	2,550	857,000
Gulf coast and Mexico–United States				
border (includes Caribbean territories):				
El Paso, TX	1	303	10	2,650
Houston-Galveston, TX	78	24,400	399	139,000
Laredo, TX	33	9,240	257	73,400
Mobile, AL	1	490	47	15,500
New Orleans, LA	2	938	14	11,600
San Juan, PR	28	7,180	101	25,100
Tampa, FL	65	19,500	198	61,800
Other			1	122
Total	208	62,100	1,020	329,000
West coast and Hawaii:		· · · · ·		
Columbia–Snake, OR	59	14,500	343	86,900
Honolulu, HI, and Anchorage, AK	3	633	58	14,800
Los Angeles, CA	199	97,400	1,420	577,000
San Diego, CA	14	3,330	62	14,400
San Francisco, CA	126	39,300	849	256,000
Seattle, WA	15	10,200	296	98,400
Total	416	165,000	3,020	1,050,000
Grand total	1,170	409,000	6,900	2,310,000

-- 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.

#### U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY $\operatorname{GRADE}^{1,\,2}$

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

	June	2015	January–June <sup>3</sup>		
Item	Quantity	Value	Quantity	Value	
No. 1 heavy melting steel	301	81,500	1,910	512,000	
No. 2 heavy melting steel	40	10,600	334	88,600	
No. 1 bundles	16	4,510	115	32,400	
No. 2 bundles			6	898	
Shredded steel scrap	385	105,000	2,100	567,000	
Borings, shovelings and turnings	(4)	58	4	1,490	
Cut plate and structural	69	19,500	457	131,000	
Tinned iron or steel	7	2,440	38	12,900	
Remelting scrap ingots	1	487	4	2,520	
Cast iron	13	6,100	102	37,200	
Other iron and steel	243	86,300	1,230	459,000	
Total carbon steel and cast iron	1,080	316,000	6,310	1,840,000	
Stainless steel	47	67,000	258	325,000	
Other alloy steel	46	25,300	332	145,000	
Total stainless and alloy steel	93	92,300	590	470,000	
Total carbon, stainless, alloy steel and cast iron	1,170	409,000	6,900	2,310,000	
Ships, boats, and other vessels for					
breaking up (for scrapping)	(4)	69	2	319	
Used rails for rerolling and other uses	3	3,200	24	28,700	
Total scrap exports	1,170	412,000	6,920	2,340,000	
Exports of manufactured ferrous products:					
Pig iron $<$ or $= 0.5\%$ phosphorus	(4)	39	8	2,940	
Pig iron > or = $0.5\%$ phosphorus	(4)	32	2	263	
Alloy pig iron	(4)	43	(4)	119	
Total pig iron	(4)	114	10	3,330	
Direct-reduced iron (DRI)	1	74	2	218	
Spongy iron products, not DRI	(4)	66	(4)	607	
Granules for abrasive cleaning and other uses	3	4,110	19	26,300	
Powders of alloy steel	2	6,410	12	37,000	
Other ferrous powders	8	8,930	48	53,600	
Total DRI, granules, powders	14	19,600	81	118,000	
Grand total	1,190	432,000	7,010	2,460,000	

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

## TABLE 9 U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP BY SELECTED COUNTRY $^{\!\!1,2}$

(Thousand	metric to	ons and	thousand	dollars)

	June 2	015	January	y–June <sup>3</sup>
Country	Quantity	Value	Quantity	Value
Brazil			4	3,680
Canada	297	75,000	1,450	397,000
China	(4)	161	4	2,110
Germany	1	184	42	3,380
Japan	(4)	54	3	717
Korea, Republic of			2	441
Mexico	20	8,630	135	60,200
Netherlands			55	16,200
Russia			2	458
Sweden			89	27,900
United Kingdom	(4)	14	118	39,900
Other <sup>5</sup>	1	773	7	4,710
Total	319	84,900	1,910	556,000

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

<sup>5</sup>Includes countries with January–June 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>

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

	June 2	015	January–	June <sup>3</sup>
Customs district	Quantity	Value	Quantity	Value
Buffalo, NY	47	16,600	276	109,000
Charleston, SC	1	125	120	37,400
Chicago, IL	5	359	10	985
Detroit, MI	140	35,300	656	175,000
Duluth, MN	10	2,300	42	9,740
El Paso, TX	2	1,250	13	7,800
Galveston, TX	(4)	209	4	4,360
Great Falls, MT	3	677	20	4,480
Laredo, TX	14	5,960	87	39,000
Los Angeles, LA	(4)	83	3	1,220
Mobil, AL	1	415	16	7,910
New Orleans, LA	(4)	99	185	49,500
New York City, NY	(4)	166	2	1,450
Nogales, AZ	1	283	7	1,840
Ogdensburg, NY	6	2,330	18	7,970
Pembina, ND	- 11	3,090	51	15,000
Portland, ME	(4)	61	1	672
San Diego, CA	2	765	17	5,200
Seattle, WA	72	13,600	362	71,100
S. Albans, VT	4	842	13	3,200
Wilmington, NC	(4)	59	3	2,230
Other	(4)	308	3	1,140
Total	319	84,900	1,910	556,000

<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 <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)

	June	2015	January–June <sup>3</sup>		
Item	Quantity	Value	Quantity	Value	
No. 1 heavy melting steel	21	4,630	95	22,900	
No. 2 heavy melting steel	15	3,300	75	17,100	
No. 1 bundles	67	17,700	470	135,000	
No. 2 bundles	10	2,420	36	8,980	
Shredded steel scrap	23	3,300	299	71,900	
Borings, shovelings and turnings	7	1,230	32	6,260	
Cut plate and structural	20	4,690	98	24,000	
Tinned iron or steel	10	2,120	38	8,370	
Remelting scrap ingots			(4)	105	
Cast iron	17	3,430	73	16,500	
Other iron and steel	50	11,600	287	62,100	
Total carbon steel and cast iron	240	54,400	1,510	373,000	
Stainless steel	14	13,100	98	94,600	
Other alloy steel	65	17,300	307	88,800	
Total stainless and alloy steel	79	30,400	405	183,000	
Total carbon, stainless, alloy steel and cast iron	319	84,900	1,910	556,000	
Ships, boats, and other vessels for					
breaking up (for scrapping)			(4)	16	
Used rails for rerolling and other uses					
Total scrap imports	319	84,900	1,910	556,000	
Imports of manufactured ferrous products:					
Pig iron $<$ or $= 0.5\%$ phosphorus	270	72,700	2,040	670,000	
Pig iron > or = $0.5\%$ phosphorus					
Alloy pig iron			4	2,830	
Total pig iron	270	72,700	2,040	673,000	
Direct-reduced iron (DRI)	133	29,600	936	281,000	
Spongy iron products, not DRI	(4)	1,070	1	3,780	
Granules for abrasive cleaning and other uses	3	2,360	14	11,400	
Powders of alloy steel	6	8,990	29	46,700	
Other ferrous powders	4	6,350	23	40,900	
Total DRI, granules, powders	146	48,300	1,000	384,000	
Grand total	735	206,000	4,960	1,610,000	

-- Zero.

<sup>1</sup>Import valuation is on a Customs basis.

 $^2\mbox{Data}$  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 production, thousand metric tons		Raw steel of utilization	1 2	Continuous cast steel 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:						
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
April	6,420	26,300	69.8	71.5	98.7	98.6
May	6,850	33,200	72.1	71.6	99.0	98.7
June	6,850	40,000	74.4	72.1	99.0	98.8

<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

	American Metal Market No. 1 HMS		Scrap Price Bulletin			
			No. 1 HMS		Pig Iron <sup>1</sup>	
Period	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2014:						
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
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

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

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