

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN AUGUST 2015

On a daily average basis in August 2015, iron and steel scrap consumption increased slightly and home scrap production decreased 11% compared with those of July. Purchased scrap receipts in August 2015 were down slightly from that of July. Stocks of purchased and home scrap at the end of August were down slightly from those at the end of July. These observations are based upon responses from about 22% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 27% 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 5% and consumption decreased 3% compared with those of July 2015. Stocks of pig iron at the end of August increased by 4% from those at the end of July.

Exports of iron and steel scrap in August 2015 increased by 8% from those in July. Turkey was the leading country of destination, accounting for 30% of the total tonnage of exports, followed by Republic of South Korea with 17% and Vietnam with 8% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 18% of the total, followed by Seattle, WA, and New York City, NY, with 14% each (table 7).

Imports of iron and steel scrap for August 2015 decreased 32% from those in July. Canada was the leading country of origin, accounting for 94% of the total tonnage of imports, followed by Mexico with 5% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 48% of the total, followed by Seattle, WA, with 23% and Buffalo, NY, with 13% (table 10).

The daily average domestic raw steel production for August 2015, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 224,000 metric tons, down slightly from that in July and down by 11% from that in August 2014 (table 12). Raw steel production capability utilization (AISI data) was 72% in August 2015, down from 73% in July, and down from 80% in August 2014 (table 12). The electric furnace portion of raw steel production for August 2015 was 61%, up from 60% in July and down from 62% in August 2014.

Continuous cast steel production accounted for 99% of total raw steel production in August and July 2015 and August 2014.

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

		August 2015			January-August	3
		Electric			Electric	
	Integrated	furnace	Total for	Integrated	furnace	Total for
	steel	steel	steel	steel	steel	steel
	producers4	producers ⁵	producers	producers4	producers ⁵	producers
Scrap:						
Receipts from dealers and other sources	1,630	1,830	3,460	12,900	15,100	28,000
Receipts from other own company plants	43	158	201	340	1,340	1,680
Production recirculating scrap	268	166	434	2,100	1,370	3,470
Production obsolete scrap	W	W	11	W	W	78
Consumption (by type of furnace):						_
Blast furnace	W	W	173	W	W	1,500
Basic oxygen process	W	W	392	W	W	2,960
Electric furnace	1,300	1,960	3,260	10,600	15,900	26,400
Other (including air furnace) ⁶	W	W	255	W	W	1,730
Total consumption	1,860	2,180	4,050	14,800	17,800	32,600
Shipments	62	11	73	476	86	562
Stocks, end of period	1,890	1,960	3,850	1,890	1,960	3,850
Pig iron (includes hot metal):						
Receipts	387	61	448	3,030	525	3,560
Production	1,560		1,560	11,600		11,600
Consumption (by type of furnace):	·-					_
Basic oxygen process	W	W	1,840	W	W	13,800
Direct castings ⁷	W	W	137	W	W	1,230
Electric furnace	7	14	21	45	102	147
Total consumption	1,940	57	1,990	14,700	503	15,200
Shipments				W		W
Stocks, end of period	172	227	399	172	227	399
Direct-reduced iron: ⁸						
Receipts	144	79	223	930	477	1,410
Total consumption	341	68	409	2,400	467	2,860
Stocks, end of period	251	56	307	251	56	307

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

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings. August 2015 data are based on returns from 22% of consumer surveys, representing 27% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³May include revisions to previously published data.

⁴Includes data for electric furnaces operated by integrated steel producers.

⁵Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

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

		August 2015				January–August ³	
	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 ⁴	stocks	outside sources	current operations)	home scrap ⁴
Carbon steel:			•				
Low-phosphorus plate and	_						
punchings	57	W	59	145	454	W	472
Cut structural and plate	299	25	318	313	2,350	221	2,590
No. 1 heavy melting steel	342	51	403	310	2,700	416	3,230
No. 2 heavy melting steel	380	31	426	279	3,240	255	3,600
No. 1 and electric furnace	_						
bundles	150	W	143	186	1,270	\mathbf{W}	1,260
No. 2 and all other bundles	69		78	28	578		597
Electric furnace 1 foot and	_						
under (not bundles)	2	W	W	W	15	\mathbf{W}	W
Railroad rails	14		15	18	115		117
Turnings and borings	174	5	193	144	1,490	38	1,530
Slag scrap	55	67	80	115	445	531	656
Shredded and fragmentized	1,040	W	1,160	1,250	8,240	\mathbf{W}	9,020
No. 1 busheling	388	20	393	286	3,100	143	3,290
Steel cans (post consumer)	6		7	W	58		58
All other carbon steel scrap	192	94	291	288	1,430	760	2,170
Stainless steel scrap	79	27	115	61	615	215	898
Alloy steel scrap	28	20	50	166	262	163	425
Ingot mold and stool scrap	W	W	8	9	W	W	52
Machinery and cupola cast iron	W		W	W	W		W
Cast iron borings	W	W	W	W	120	W	132
Motor blocks	W		W	W	W		W
Other iron scrap	55	20	72	64	505	143	613
Other mixed scrap	119	41	216	175	974	323	1,770
Total	3,460	434	4,050	3,850	28,000	3,470	32,600

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

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings.

³May include revisions to previously published data.

⁴Includes 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 1,2

		August 2015			January–August ³	
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 ⁴	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 ⁴
Mid-Atlantic and New England:	<u></u>					
New Jersey, New York, Pennsylvania	436	65	501	3,350	529	3,900
North Central:	.50		501	2,550	527	2,500
Illinois and Indiana		35	468	3,280	287	3,770
Iowa, Minnesota, Nebraska,	_					
Wisconsin	222	30	257	1,810	240	2,070
Michigan	154	76	183	1,150	577	1,400
Ohio	453	88	570	3,810	669	4,550
Total	1,220	230	1,480	10,000	1,770	11,800
South Atlantic:						
Virginia, West Virginia	54	17	104	618	152	942
Georgia, North Carolina,						
South Carolina	297	17	318	2,450	175	2,650
Total	351	34	422	3,070	327	3,590
South Central:						
Alabama, Kentucky,						
Mississippi, Tennessee	651	42	682	5,170	317	5,660
Arkansas, Louisiana,						
Texas	527	42	628	4,210	340	4,880
Total	1,180	84	1,310	9,380	657	10,500
Mountain and Pacific: California, Colorado,	_					
Oregon, Utah, Washington	269	21	335	2,160	188	2,740
Grand total	3,460	434	4,050	28,000	3,470	32,600

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings.

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

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

		Α	august 2015				Jan	uary–August ⁵		
_	Mid-Atlantic and	North	South	South	Mountain and	Mid-Atlantic and	North	South	South	Mountain 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	167	W	W	W	W
Cut structural and plate	_ 45	92	24	117	W	345	726	219	901	W
No. 1 heavy melting steel	_ 70	86	18	140	28	503	718	151	1,100	223
No. 2 heavy melting steel	_ 10	110	43	182	35	78	1,020	407	1,450	278
No. 1 and electric furnace										
bundles	13	107	3	23	W	103	856	34	243	W
No. 2 and all other bundles	14	36	W	W	W	101	303	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	23	W
Turnings and borings	15	57	25	70	7	122	512	211	590	57
Slag scrap	8	29	2	W	\mathbf{W}	66	231	14	W	W
Shredded and fragmentized	97	293	174	386	88	764	2,250	1,510	3,020	705
No. 1 busheling	60	148	30	148	2	474	1,210	246	1,160	13
Steel cans (post consumer)	W	W				W	W			W
All other carbon steel scrap	30	123	3	32	3	197	954	W	238	21
Stainless steel scrap	W	W		W		W	120		W	
Alloy steel scrap	_ 1	25		W		5	236	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	44	W	4	W	W	396	W	58	W
Other mixed scrap	W	8	W	15	W	W	75	W	W	W
Total	436	1,220	351	1,180	269	3,350	10,000	3,070	9,380	2,160

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

¹Scrap received from brokers, dealers, and other outside sources.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴Data are rounded to no more than three significant digits; may not add to totals shown.

⁵May include revisions to previously published data.

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

		A	august 2015				Jai	nuary–August ⁴	ı	-
	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	166	W	W	W	W
Cut structural and plate	46	101	42	109	W	351	814	358	907	W
No. 1 heavy melting steel	72	119	20	163	29	565	942	172	1,320	234
No. 2 heavy melting steel	14	125	55	193	W	112	1,120	470	1,590	W
No. 1 and electric furnace										
bundles	13	99	3	24	W	102	844	35	251	W
No. 2 and all other bundles	14	40	7	15	W	101	306	W	129	W
Electric furnace 1 foot and										
under (not bundles)		W		W			W		W	
Railroad rails	W	W		3	W	W	W		23	W
Turnings and borings	18	64	27	77	7	136	528	219	591	57
Slag scrap	12	40	2	24	W	96	334	14	196	W
Shredded and fragmentized	94	336	201	437	88	755	2,530	1,690	3,330	705
No. 1 busheling	61	158	27	145	2	482	1,280	253	1,260	13
Steel cans (post consumer)	W	W				W	W	W		
All other carbon steel scrap	53	182	7	47	3	367	1,370	53	358	22
Stainless steel scrap	54	24		W		431	176		W	
Alloy steel scrap	10	31		W		79	277	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	56	1	8	W	54	459	W	60	W
Other mixed scrap	W	37	W	14	W	W	292	W	W	W
Total	501	1,480	422	1,310	335	3,900	11,800	3,590	10,500	2,740

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

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴May include revisions to previously published data.

TABLE 6 U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY $^{\!1,2}$

(Thousand metric tons and thousand dollars)

	August	2015	January-A	August ³
Region and country	Quantity	Value	Quantity	Value
North America and South America:			•	
Argentina	(4)	16	2	696
Canada	71	17,800	500	130,000
Colombia			22	5,910
Dominican Republic	(4)	48	6	996
Ecuador	3	172	39	7,920
Mexico	67	18,400	670	184,000
Peru			218	61,000
Other ⁵	(4)	67	4	837
Total	141	36,600	1,460	391,000
Africa, Europe, Middle East:		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
Austria	(4)	430	1	3,380
Belgium	1	1,180	4	7,810
Egypt	-		160	44,400
Germany	(4)	254	3	1,220
Greece	27	5,950	54	13,400
Iceland			2	581
Italy	(4)	70	36	10,600
Kuwait	- (')		149	36,800
Morocco	- 		45	12,000
Netherlands	(4)	629	2	2,860
Saudi Arabia	- (.)	02)	133	36,300
Spain	6	7,600	16	23,700
Turkey	293	60,800	2,460	641,000
United Arab Emirates	2	742	7	2,900
Other ⁵	. 2	1,030	16	6,760
Total	331	78,700	3,090	844,000
Asia, Australia, Oceania:	331	70,700	3,070	044,000
Bangladesh	19	6,150	54	17,200
China	50	51,100	511	464,000
Hong Kong	- 7	5,630	45	42,900
India	- , 67	27,200	586	217,000
Indonesia	4	1,250	28	10,800
Japan	2	3,260	36	35,000
Korea, Republic of	172	42,600	798	228,000
	1/2	222	25	7,970
Malaysia Pakistan	24	12,000	204	
	- 24 1		30	91,100
Singapore Taiwan	- 1 97	193 33,700		7,460
Thailand	-		1,380	455,000
·	(4)	286 16 700	282	77,400 65,300
Vietnam	. 79	16,700	269	65,300
Other ⁵	(4)	51	6	1 720 000
Total	523	200,000	4,260	1,720,000
Grand total	994	316,000	8,810	2,960,000

⁻⁻ Zero.

¹Includes 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.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

⁵Includes countries with January–August 2015 quantities of less than 500 metric tons.

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)

August	2015	January-A	August ³
Quantity	Value	Quantity	Value
11	3,360	80	27,400
21	5,950	166	44,200
1	234	11	2,920
1	290	5	1,070
1	216	9	3,120
25	6,200	119	30,600
5	902	36	6,410
65	17,200	426	116,000
1	· · · · · · · · · · · · · · · · · · ·		•
4	3,700	134	54,500
	*		113,000
			39,500
			7,400
			76,200
			439,000
			80,000
			124,000
			12,000
			99,000
			45,500
			3,770
			24
-			1,090,000
313	110,000	3,270	1,000,000
1	336	12	3,140
			161,000
	*		92,800
			28,800
			13,000
			30,300
			69,700
			130
			399,000
	31,700	1,220	377,000
28	5 490	371	92,400
			19,400
			745,000
		,	21,200
			328,000
	33,900	1,090	140,000
138 492	156,000	3,900	1,350,000
	Quantity 11 21 1 1 25 5 65	11 3,360 21 5,950 1 234 1 290 1 216 25 6,200 5 902 65 17,200 4 3,700 86 18,700 6 4,700 (4) 523 23 7,490 136 45,500 22 13,000 28 6,630 5 688 28 5,830 4 2,910 2 302 (4) 24 343 110,000 1 336 24 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 12,000 43 13,900 28 5,490 2 1,870 (4) 3 94 31,900	Quantity Value Quantity 11 3,360 80 21 5,950 166 1 234 11 1 290 5 1 216 9 25 6,200 119 5 902 36 65 17,200 426 4 3,700 134 86 18,700 424 6 4,700 45 (4) 523 5 23 7,490 213 136 45,500 1,300 22 13,000 154 28 6,630 454 5 688 56 28 5,830 385 4 2,910 77 2 302 17 (4) 24 (4) 343 110,000 3,270 1 336 12 24 12,000 437 </td

¹Includes 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.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

 ${\it TABLE~8}$ U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE 1,2

(Thousand metric tons and thousand dollars)

	August	2015	January-	-August ³
Item	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	278	60,900	2,440	637,000
No. 2 heavy melting steel	51	11,600	420	109,000
No. 1 bundles	10	2,520	178	50,400
No. 2 bundles	(4)	4	6	922
Shredded steel scrap	316	72,400	2,700	713,000
Borings, shovelings and turnings	(4)	42	5	1,570
Cut plate and structural	88	22,500	578	163,000
Tinned iron or steel	6	1,240	51	17,000
Remelting scrap ingots	2	1,010	7	4,310
Cast iron	8	3,580	120	45,700
Other iron and steel	150	58,100	1,540	579,000
Total carbon steel and cast iron	909	234,000	8,050	2,320,000
Stainless steel	46	56,000	349	439,000
Other alloy steel	39	25,700	408	196,000
Total stainless and alloy steel	85	81,700	757	635,000
Total carbon, stainless, alloy steel and cast iron	994	316,000	8,810	2,960,000
Ships, boats, and other vessels for	_			
breaking up (for scrapping)	(4)	22	3	512
Used rails for rerolling and other uses	1	1,370	27	32,500
Total scrap exports	995	317,000	8,840	2,990,000
Exports of manufactured ferrous products:	_			
Pig iron $<$ or $= 0.5\%$ phosphorus	1	194	11	3,980
Pig iron $>$ or $= 0.5\%$ phosphorus	1	110	3	418
Alloy pig iron	(4)	51	(4)	173
Total pig iron	2	355	14	4,570
Direct-reduced iron (DRI)	13	113	17	489
Spongy iron products, not DRI	(4)	76	(4)	905
Granules for abrasive cleaning and other uses	3	3,200	25	32,900
Powders of alloy steel	2	5,630	16	48,200
Other ferrous powders	7	8,160	62	69,900
Total DRI, granules, powders	25	17,200	120	152,000
Grand total	1,020	334,000	8,970	3,150,000

¹Export valuation is on a free-alongside-ship basis.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

TABLE 9 $\label{eq:u.s.} \text{U.s. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP BY SELECTED COUNTRY}^{1,\,2}$

(Thousand metric tons and thousand dollars)

	August	2015	January-	-August ³
Country	Quantity	Value	Quantity	Value
Brazil	(4)	56	5	3,970
Canada	249	61,300	1,970	529,000
China	(4)	366	5	2,930
Colombia			1	734
Germany	(4)	94	42	3,520
Japan	(4)	148	3	973
Korea, Republic of	1	168	3	771
Mexico		6,810	172	76,400
Netherlands			82	23,400
Russia			2	458
Sweden			121	36,300
United Kingdom	(4)	21	149	49,100
Other ⁵	(4)	588	6	5,360
Total	265	69,600	2,560	733,000

⁻⁻ Zero.

¹Includes 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.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

 $^{^5} Includes$ countries with January–August 2015 quantities of less than 500 metric tons.

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

(Thousand metric tons and thousand dollars)

	August	August 2015		august ³
Customs district	Quantity	Value	Quantity	Value
Buffalo, NY	35	11,600	352	135,000
Charleston, SC	(4)	101	147	44,800
Chicago, IL	(4)	27	15	1,740
Detroit, MI	126	33,300	920	246,000
Duluth, MN	6	1,110	54	12,200
El Paso, TX	2	1,310	17	10,300
Galveston, TX	(4)	140	4	4,910
Great Falls, MT	2	480	26	6,280
Laredo, TX	8	3,840	111	49,200
Los Angeles, LA	1	394	5	1,840
Mobile, AL	1	850	82	27,300
New Orleans, LA	(4)	65	185	49,700
New York City, NY	(4)	72	2	1,810
Nogales, AZ	1	251	8	2,350
Ogdensburg, NY	_ 4	1,120	28	11,000
Pembina, ND	12	2,840	74	20,500
Portland, ME	(4)	114	1	863
San Diego, CA	1	545	20	6,480
Seattle, WA	61	10,300	483	91,500
St. Albans, VT	2	527	19	4,710
Wilmington, NC	(4)	250	4	2,780
Other	1	393	5	1,840
Total	265	69,600	2,560	733,000

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.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

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

(Thousand metric tons and thousand dollars)

-	August	2015	January–August ³	
Item	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	22	4,380	135	31,300
No. 2 heavy melting steel	13	2,500	103	22,600
No. 1 bundles	56	14,200	625	176,000
No. 2 bundles	6	1,320	51	12,500
Shredded steel scrap	21	3,100	355	81,800
Borings, shovelings and turnings	5	878	43	8,070
Cut plate and structural	18	4,070	135	32,500
Tinned iron or steel	6	1,330	52	11,700
Remelting scrap ingots	(4)	9	(4)	114
Cast iron	10	2,830	101	23,600
Other iron and steel	39	8,590	407	91,300
Total carbon steel and cast iron	195	43,200	2,010	491,000
Stainless steel	15	12,200	134	123,000
Other alloy steel	55	14,200	422	118,000
Total stainless and alloy steel	70	26,300	556	241,000
Total carbon, stainless, alloy steel and cast iron	265	69,600	2,560	733,000
Ships, boats, and other vessels for				
breaking up (for scrapping)			(4)	16
Used rails for rerolling and other uses				
Total scrap imports	265	69,600	2,560	733,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	474	128,000	2,840	887,000
Pig iron > or = 0.5% phosphorus	(4)	33	(4)	33
Alloy pig iron			4	2,920
Total pig iron	474	128,000	2,840	890,000
Direct-reduced iron (DRI)	169	41,100	1,260	358,000
Spongy iron products, not DRI	(4)	692	2	5,090
Granules for abrasive cleaning and other uses		2,040	19	16,200
Powders of alloy steel	4	6,600	38	60,600
Other ferrous powders	5	7,470	32	54,600
Total DRI, granules, powders	180	57,900	1,350	494,000
Grand total	919	256,000	6,760	2,120,000

⁻⁻ Zero

¹Import valuation is on a Customs basis.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

 $\label{table 12} \mbox{U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,} \\ \mbox{AND CONTINUOUS CAST STEEL PRODUCTION}^1$

	Raw steel pr thousand m		Raw steel of utilization		Continuous production	
		Year		Year		Year
Period	Monthly	to date ²	Monthly	to date ²	Monthly	to date ²
2014:						
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	6,430 r	19,900	67.7	72.1	98.7	98.6
April	6,410 ^r	26,300	69.8	71.5	98.7	98.6
May	6,840 r	33,100	72.1	71.6	99.0	98.7
June	6,840 ^r	40,000 r	74.4	72.1	99.0	98.8
July	7,030 ^r	47,000 ^r	73.2	72.3	99.4	98.9
August	6,940	53,900	72.2	72.3	99.3	98.9

rRevised

Source: American Iron and Steel Institute.

 ${\it TABLE~13}$ 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 ¹	
	\$/lt	\$/t	\$/1t	\$/t	\$/lt	\$/t
2014:						
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
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

¹Prices are Brazilian basic pig iron, f.o.b. New Orleans, LA.

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

¹Data are rounded to no more than three significant digits.

²May include revisions to previously published data.