

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN SEPTEMBER AND OCTOBER 2006

On a daily average basis in September 2006, estimated consumption of iron and steel scrap was up 4%, net receipts of purchased scrap were up 4%, and home scrap production was up 2% from those of August, according to the U.S. Geological Survey. On a daily average basis in October 2006, estimated consumption of iron and steel scrap was down 5%, net receipts of purchased scrap were down 3%, and home scrap production was down 2% from those of September. Stocks of purchased and home scrap at the end of September and October were about the same as those in August. These observations are based upon responses from about 55% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 46% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production in September was down 5% from that in August. Pig iron production in October was down 3% from that in September. Pig iron consumption in September was up 4% from that in August and down 3% in October from that in September. Stocks of pig iron at the end of September were up 4% from those at the end of August and down 3% at the end of October from those at the end of September.

Exports of iron and steel scrap for the month of August increased 59% from those of July. Vietnam was the leading country of destination, accounting for 25% of the total tonnage of exports, followed by China, with 15%, and Turkey, with 11% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 40% of the total, followed by New York, NY, with 12%, and Seattle, WA, with 5% (table 7).

Exports of iron and steel scrap for the month of September increased 88% from those of August. China was the leading country of destination, accounting for 31% of the total tonnage of exports, followed by the Republic of Korea, with 26%, and Turkey, with 10% (table 6a). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 45% of the total, followed by San Francisco, CA, with 16%, and New York, NY, with 7% (table 7a).

Imports of iron and steel scrap for August decreased 19% from those of July. Canada was the leading country of origin,

accounting for 72% of the total tonnage of imports, followed by the Denmark, with 11%, and the United Kingdom, with 9% (table 9). Detroit, MI, was the leading U.S. Customs District for tonnage of imports, accounting for 36% of the total, followed by Seattle, WA, with 14%, and Buffalo, NY, with 11% (table 10).

Imports of iron and steel scrap for September decreased 10% from those of August. Canada was the leading country of origin, accounting for 72% of the total tonnage of imports, followed by the United Kingdom, with 21%, and Mexico, with 6% (table 9a). Detroit, MI, was the leading U.S. Customs District for tonnage of imports, accounting for 35% of the total, followed by Charleston, SC, with 20%, and Seattle, WA, with 15% (table 10a).

The daily average domestic raw steel production for September, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 281,000 metric tons (t), up 3% from 273,000 t in August, and up 8% from 259,000 t in September 2005 (table 12). The electric furnace portion of raw steel production for September was 56%, down slightly from that in August, and down slightly from that in September 2005.

The daily average domestic raw steel production for October, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 261,000 metric tons (t), down 7% from 281,000 t in September, and down slightly from 264,000 t in October 2005 (table 12). The electric furnace portion of raw steel production for October was 57%, up slightly from that in September and down slightly from that in October 2005.

Raw steel production capability utilization (AISI data) in September was 91%, up from 89% in August, and up from 86% in September 2005 (table 12). Raw steel production capability utilization (AISI data) in October was 86%, down from 91% in September, and down from 89% in October 2005 (table 12).

Continuous cast steel production in the United States accounted for 97% of total raw steel production in September, the same as that in August 2006 and up slightly from that in September 2005. Continuous cast steel production accounted for 97% of total raw steel production in October, about the same as that in September 2006 and October 2005.

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

(Thousand metric tons)

	September 2006			Year to date		
	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,180	2,460	3,640	10,300	22,300	32,600
Receipts from other own company plants	36	166	203	430	1,440	1,870
Production recirculating scrap	571	328	899	5,150	2,960	8,110
Production obsolete scrap	W	W	36	W	W	329
Consumption (by type of furnace):						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Other (including air furnace) ⁶	(5)	--	(5)	(5)	--	(5)
Total consumption	1,710	2,930	4,640	15,200	26,400	41,600
Shipments	99	54	153	1,020	197	1,220
Stocks end of month	2,220	2,180	4,400	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	W	W	634	W	W	3,680
Production	2,510	--	2,510	24,400	W	24,400
Consumption (by type of furnace):						
Basic oxygen process	W	W	W	W	W	W
Direct castings ⁷	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	2,980	W	3,080	W	W	27,900
Shipments	W	--	W	(8)	(8)	(8)
Stocks end of month	W	W	632	XX	XX	XX
Direct-reduced iron:⁹						
Receipts	111	17	128	735	209	945
Production	--	--	--	--	--	--
Total consumption	113	21	134	960	265	1,230
Shipments	--	--	--	W	--	W
Stocks end of month	193	78	271	XX	XX	XX

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable. -- 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. September 2006 data are based on returns from 55% of monthly respondents, representing 46% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³Includes data for electric furnaces operated by integrated steel producers.

⁴Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁵Withheld to avoid disclosing company proprietary data; included in "Consumption: Basic oxygen process."

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Withheld to avoid disclosing company proprietary data.

⁹Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

TABLE 1a
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

	October 2006			Year to date		
	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,190	2,460	3,650	11,500	24,800	36,200
Receipts from other own company plants	28	165	193	459	1,600	2,060
Production recirculating scrap	576	330	907	5,730	3,290	9,020
Production obsolete scrap	W	W	35	W	W	364
Consumption (by type of furnace):						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Other (including air furnace) ⁶	(5)	--	(5)	(5)	--	(5)
Total consumption	1,640	2,930	4,580	16,800	29,400	46,200
Shipments	101	53	154	1,120	249	1,370
Stocks end of month	2,280	2,170	4,450	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	W	W	586	3,140	1,120	4,270
Production	2,520	--	2,520	27,000	W	27,000
Consumption (by type of furnace):						
Basic oxygen process	W	W	W	W	W	W
Direct castings ⁷	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	W	W	3,090	W	W	31,000
Shipments	W	--	W	(8)	(8)	(8)
Stocks end of month	W	W	610	XX	XX	XX
Direct-reduced iron:⁹						
Receipts	136	43	179	871	252	1,120
Production	--	--	--	--	--	--
Total consumption	119	23	142	1,080	288	1,370
Shipments	--	--	--	W	--	W
Stocks end of month	210	98	308	XX	XX	XX

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable. -- 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. October 2006 data are based on returns from 55% of monthly respondents, representing 46% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³Includes data for electric furnaces operated by integrated steel producers.

⁴Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁵Withheld to avoid disclosing company proprietary data; included in "Consumption: Basic oxygen process."

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Withheld to avoid disclosing company proprietary data.

⁹Includes 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^{1,2}

(Thousand metric tons)

Item	September 2006				Year to date		
	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 ³	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 ³
Carbon steel:							
Low-phosphorus plate and punchings	26	W	64	W	234	W	498
Cut structural and plate	327	59	385	267	3,150	517	3,480
No. 1 heavy melting steel	369	177	532	435	3,330	1,590	4,830
No. 2 heavy melting steel	492	33	522	420	4,410	292	4,690
No. 1 and electric furnace bundles	350	W	473	298	3,340	W	4,320
No. 2 and all other bundles	69	W	67	43	609	--	615
Electric furnace 1 foot and under (not bundles)	W	W	W	W	W	W	W
Railroad rails	19	W	20	14	170	W	200
Turnings and borings	185	4	186	77	1,570	41	1,750
Slag scrap	90	122	164	173	776	1,050	1,520
Shredded and fragmentized	974	W	1,020	638	8,510	W	8,930
No. 1 busheling	411	25	429	356	3,780	219	3,860
Steel cans (post consumer)	25	W	29	W	223	W	264
All other carbon steel scrap	144	146	264	350	1,270	1,310	2,380
Stainless steel scrap	80	18	103	29	596	167	802
Alloy steel scrap	10	40	46	37	94	363	422
Ingot mold and stool scrap	W	14	5	15	W	124	47
Machinery and cupola cast iron	--	W	--	W	W	W	W
Cast iron borings	30	W	25	W	256	W	246
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	74	35	107	372	543	312	908
Other mixed scrap	161	36	190	W	1,520	320	1,730
Total	3,840	935	4,640	4,400	34,500	8,440	41,600

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.

³Includes recirculating scrap and home-generated obsolete scrap.

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

(Thousand metric tons)

Item	October 2006				Year to date		
	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 ³	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 ³
Carbon steel:							
Low-phosphorus plate and punchings	27	W	58	W	261	W	556
Cut structural and plate	328	57	384	277	3,480	575	3,860
No. 1 heavy melting steel	362	189	520	436	3,690	1,780	5,350
No. 2 heavy melting steel	493	34	524	422	4,900	325	5,210
No. 1 and electric furnace bundles	346	W	470	304	3,690	W	4,790
No. 2 and all other bundles	61	W	65	39	670	W	681
Electric furnace 1 foot and under (not bundles)	W	W	W	W	W	W	W
Railroad rails	21	W	22	17	191	W	222
Turnings and borings	178	4	182	77	1,750	45	1,940
Slag scrap	89	121	159	176	864	1,170	1,680
Shredded and fragmentized	1,010	W	1,000	663	9,520	W	9,930
No. 1 busheling	409	24	431	352	4,190	244	4,290
Steel cans (post consumer)	25	W	28	W	248	W	292
All other carbon steel scrap	134	146	266	342	1,410	1,460	2,650
Stainless steel scrap	74	18	90	31	669	185	892
Alloy steel scrap	10	40	48	37	104	503	469
Ingot mold and stool scrap	W	W	5	15	W	136	52
Machinery and cupola cast iron	--	W	--	W	W	W	W
Cast iron borings	25	W	26	W	282	W	272
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	72	34	92	383	614	346	1,000
Other mixed scrap	169	35	196	W	1,680	355	1,930
Total	3,840	942	4,580	4,450	38,300	9,380	46,200

^pPreliminary. 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.

³Includes 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}

(Thousand metric tons)

Region and State	September 2006			Year to date		
	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 ³	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 ³
Mid-Atlantic and New England:						
New Jersey, New York, Pennsylvania	432	172	613	3,640	1,550	5,500
North Central:						
Illinois and Indiana	358	279	616	3,210	2,580	5,520
Iowa, Minnesota, Nebraska, Wisconsin	223	5	240	2,200	45	2,150
Michigan	122	60	130	1,380	512	1,190
Ohio	474	134	621	4,440	1,180	5,630
Total	1,180	478	1,610	11,200	4,320	14,500
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	253	56	316	1,940	505	2,770
Florida, Georgia, North Carolina, South Carolina	284	20	347	2,550	168	3,110
Total	538	77	662	4,500	673	5,880
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	490	51	557	4,480	473	4,960
Arkansas, Louisiana, Oklahoma, Texas	638	63	802	5,690	577	7,160
Total	1,130	115	1,360	10,200	1,050	12,100
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	360	58	402	3,060	518	3,600
Grand total	3,640	900	4,640	32,600	8,110	41,600

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.

³Includes recirculating scrap and home-generated obsolete scrap.

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

(Thousand metric tons)

Region and State	October 2006			Year to date		
	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 ³	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 ³
Mid-Atlantic and New England:						
New Jersey, New York, Pennsylvania	420	173	615	4,050	1,720	6,120
North Central:						
Illinois and Indiana	342	278	601	3,550	2,860	6,120
Iowa, Minnesota, Nebraska, Wisconsin	223	5	240	2,430	50	2,390
Michigan	132	58	139	1,520	570	1,330
Ohio	444	140	577	4,880	1,320	6,200
Total	1,140	482	1,560	12,400	4,800	16,000
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	253	56	299	2,200	562	3,090
Florida, Georgia, North Carolina, South Carolina	324	19	340	2,880	186	3,450
Total	578	75	655	5,080	747	6,530
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	494	53	550	4,980	527	5,510
Arkansas, Louisiana, Oklahoma, Texas	651	65	801	6,340	643	7,960
Total	1,140	119	1,350	11,300	1,170	13,500
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	364	59	401	3,420	576	4,000
Grand total	3,650	908	4,580	36,200	9,020	46,200

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.

³Includes recirculating scrap and home-generated obsolete scrap.

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

(Thousand metric tons)

Item	September 2006					Year to date				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	13	W	W	W	W	122	W	W	W	W
Cut structural and plate	49	102	75	66	W	431	1,020	704	640	W
No. 1 heavy melting steel	46	101	41	153	W	380	1,040	351	1,360	W
No. 2 heavy melting steel	W	169	75	199	W	W	1,690	629	1,570	405
No. 1 and electric furnace bundles	28	223	23	67	W	288	2,140	167	652	44
No. 2 and all other bundles	9	30	4	18	7	67	277	35	150	69
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	9	W	W	W	--	75	W
Turnings and borings	29	60	16	72	6	223	462	190	605	64
Slag scrap	20	27	W	17	W	167	258	82	196	W
Shredded and fragmentized	61	174	205	340	86	471	1,620	1,730	2,900	773
No. 1 busheling	63	139	23	175	W	587	1,360	193	1,550	20
Steel cans (post consumer)	5	12	W	W	W	47	110	W	W	W
All other carbon steel scrap	22	75	W	W	W	204	636	W	194	W
Stainless steel scrap	62	12	--	--	--	443	105	--	--	--
Alloy steel scrap	7	2	--	W	--	59	W	--	W	--
Ingot mold and stool scrap	--	W	--	W	--	W	W	--	W	--
Machinery and cupola cast iron	--	--	--	--	--	W	--	W	--	--
Cast iron borings	W	W	W	7	W	W	W	W	67	W
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	21	40	W	W	W	162	265	W	W
Other mixed scrap	W	W	W	W	W	W	80	W	102	W
Total	425	1,180	538	1,170	322	3,640	11,200	4,500	10,200	3,020

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.

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

(Thousand metric tons)

Item	October 2006					Year to date				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	14	W	W	W	W	138	W	W	W	W
Cut structural and plate	49	103	83	63	W	487	1,140	798	714	W
No. 1 heavy melting steel	46	89	45	160	W	432	1,150	402	1,540	W
No. 2 heavy melting steel	W	177	75	207	W	W	1,890	714	1,800	438
No. 1 and electric furnace bundles	27	225	23	68	W	319	2,400	193	731	49
No. 2 and all other bundles	9	24	4	18	7	77	305	39	170	78
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	11	W	W	W	--	88	W
Turnings and borings	27	52	16	76	6	254	522	210	691	71
Slag scrap	20	25	W	19	W	190	287	101	218	W
Shredded and fragmentized	65	169	240	347	87	544	1,820	2,000	3,300	873
No. 1 busheling	58	142	26	179	W	655	1,530	222	1,750	22
Steel cans (post consumer)	5	13	W	W	W	53	124	W	W	W
All other carbon steel scrap	22	77	W	W	W	229	723	W	W	W
Stainless steel scrap	59	11	--	--	--	509	118	--	--	--
Alloy steel scrap	7	W	--	W	--	67	W	--	W	--
Ingot mold and stool scrap	--	W	--	W	--	W	W	--	W	--
Machinery and cupola cast iron	--	--	--	--	--	W	--	W	--	--
Cast iron borings	W	W	W	7	W	W	W	W	75	W
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	19	40	W	W	W	184	309	W	W
Other mixed scrap	W	W	W	W	W	W	89	W	109	W
Total	427	1,160	588	1,200	332	4,120	12,600	5,160	11,600	3,400

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.

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

(Thousand metric tons)

Item	September 2006					Year to date				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	14	W	W	W	W	140	W	W	W	W
Cut structural and plate	68	117	105	71	W	703	1,170	1,040	707	W
No. 1 heavy melting steel	81	166	49	195	41	814	1,650	471	1,990	431
No. 2 heavy melting steel	14	179	80	200	48	144	1,840	776	1,970	484
No. 1 and electric furnace bundles	33	340	21	74	5	376	3,410	214	737	54
No. 2 and all other bundles	9	29	4	18	8	86	301	37	177	81
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	9	W	W	W	--	--	W
Turnings and borings	30	59	18	71	9	294	606	216	736	84
Slag scrap	31	70	19	43	W	311	698	193	467	W
Shredded and fragmentized	88	179	253	402	97	855	1,770	2,460	3,880	960
No. 1 busheling	66	156	22	182	3	703	1,520	213	1,820	32
Steel cans (post consumer)	7	12	W	W	W	71	129	W	W	W
All other carbon steel scrap	48	127	40	45	W	496	1,250	410	463	W
Stainless steel scrap	81	22	--	--	--	690	201	--	--	--
Alloy steel scrap	16	W	--	W	--	161	W	--	W	--
Ingot mold and stool scrap	W	1	--	W	--	W	10	--	W	--
Machinery and cupola cast iron	--	--	--	--	--	W	--	W	--	--
Cast iron borings	W	W	W	7	W	W	W	W	79	W
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	45	40	W	W	W	400	384	W	W
Other mixed scrap	7	22	3	8	W	66	264	43	83	W
Total	613	1,610	662	1,360	402	6,120	16,000	6,530	13,500	4,000

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.

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

(Thousand metric tons)

Item	October 2006					Year to date				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	14	W	W	W	W	142	W	W	W	W
Cut structural and plate	17	119	106	68	W	714	1,190	1,060	718	W
No. 1 heavy melting steel	86	159	49	193	42	828	1,670	478	2,020	438
No. 2 heavy melting steel	15	183	83	202	49	146	1,870	788	2,000	492
No. 1 and electric furnace bundles	34	342	22	74	6	382	3,470	218	748	55
No. 2 and all other bundles	9	28	4	18	8	87	305	37	179	82
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	10	W	W	W	--	108	W
Turnings and borings	29	57	18	73	9	299	615	220	748	86
Slag scrap	32	66	19	44	W	316	710	196	475	W
Shredded and fragmentized	90	174	246	407	99	868	1,800	2,500	3,940	976
No. 1 busheling	67	153	25	188	3	715	1,550	217	1,850	32
Steel cans (post consumer)	7	13	W	W	W	73	131	W	W	W
All other carbon steel scrap	50	124	41	52	W	504	1,270	417	470	W
Stainless steel scrap	76	15	--	--	--	701	205	--	--	--
Alloy steel scrap	16	W	--	W	--	164	W	--	W	--
Ingot mold and stool scrap	W	1	--	W	--	W	10	--	W	--
Machinery and cupola cast iron	--	--	--	--	--	W	--	W	--	--
Cast iron borings	W	W	W	7	W	W	W	W	80	W
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	32	40	W	W	W	406	390	W	W
Other mixed scrap	7	30	4	7	W	67	268	44	85	W
Total	570	1,580	699	1,370	407	6,220	16,300	6,640	13,700	4,060

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.

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

(Thousand metric tons and thousand dollars)

Region and country	August 2006		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Argentina	(3)	57	(3)	286
Aruba	(3)	25	1	97
Bahamas, The	2	406	5	1,110
Barbados	--	--	(3)	6
Belize	--	--	(3)	27
Bermuda	(3)	14	(3)	14
Brazil	(3)	40	2	659
Canada	131	25,500	1,030	192,000
Cayman Islands	--	--	(3)	9
Chile	--	--	(3)	94
Colombia	39	9,020	60	13,800
Costa Rica	--	--	1	163
Dominican Republic	(3)	55	1	214
Ecuador	(3)	3	(3)	38
El Salvador	(3)	39	(3)	62
Guadeloupe	--	--	2	45
Guatemala	--	--	(3)	52
Haiti	(3)	12	(3)	12
Honduras	--	--	(3)	11
Jamaica	(3)	3	(3)	128
Mexico	85	17,200	787	174,000
Netherlands Antilles	18	740	20	1,050
Nicaragua	--	--	(3)	15
Panama	(3)	4	(3)	10
Peru	32	7,780	32	7,810
Suriname	(3)	7	(3)	170
Trinidad and Tobago	--	--	1	203
Turks and Caicos Islands	(3)	29	(3)	32
Venezuela	(3)	23	1	262
Total	307	60,900	1,950	392,000
Africa, Europe, Middle East:				
Austria	(3)	175	1	1,060
Belgium	(3)	304	3	3,210
Cote d'Ivoire	--	--	(3)	311
Czech Republic	--	--	(3)	24
Egypt	69	18,700	246	61,400
Finland	(3)	111	49	75,900
France	2	439	11	4,200
Georgia	(3)	25	(3)	36
Germany	--	135	2	2,040
Greece	33	8,110	130	29,200
Hungary	(3)	28	1	233
Ireland	(3)	131	1	327
Israel	4	43	5	474
Italy	--	138	38	26,000
Kenya	(3)	210	15	6,450
Netherlands	1	3,170	10	12,800
Nigeria	--	--	(3)	23
Norway	(3)	20	(3)	20
Pakistan	(3)	65	69	17,800
Poland	--	--	(3)	3
Portugal	--	--	23	4,970
Saudi Arabia	--	--	36	6,810
South Africa	(3)	562	(3)	726

See footnotes at end of table.

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

(Thousand metric tons and thousand dollars)

Region and country	August 2006		Year to date	
	Quantity	Value	Quantity	Value
Africa, Europe, Middle East--Continued:				
Spain	1	1,230	20	6,540
Sweden	(3)	22	(3)	399
Switzerland	(3)	30	1	368
Turkey	179	44,100	1,280	291,000
Ukraine	--	--	(3)	155
United Arab Emirates	--	--	1	242
United Kingdom	(3)	199	3	2,130
Total	290	77,900	1,950	555,000
Asia, Australia, Oceania:				
Australia	(3)	64	(3)	349
Bangladesh	4	1,190	34	8,600
Brunei	--	--	(3)	3
China	252	169,000	1,930	1,010,000
Hong Kong	9	6,260	67	45,900
India	65	10,500	362	131,000
Indonesia	7	1,970	55	15,400
Japan	2	3,390	37	31,200
Korea, Republic of	70	14,400	427	120,000
Malaysia	169	42,300	583	141,000
New Zealand	--	--	(3)	8
Philippines	(3)	32	(3)	52
Singapore	6	1,720	49	3,790
Sri Lanka	--	--	(3)	16
Taiwan	45	14,100	425	135,000
Thailand	14	3,030	331	78,200
Vietnam	414	724	442	8,130
Total	1,060	268,000	4,740	1,730,000
Grand total	1,650	407,000	8,640	2,680,000

-- 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.

³Less than ½ unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Region and country	September 2006		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Antigua and Barbuda	(3)	36	(3)	36
Argentina	(3)	108	1	394
Aruba	(3)	52	1	149
Bahamas, The	1	232	6	1,340
Barbados	--	--	(3)	6
Belize	(3)	13	(3)	39
Bermuda	--	--	(3)	14
Brazil	(3)	42	2	701
Canada	125	24,600	1,160	217,000
Cayman Islands	--	--	(3)	9
Chile	(3)	56	(3)	149
Colombia	(3)	26	60	13,900
Costa Rica	(3)	10	1	174
Dominican Republic	1	709	2	923
Ecuador	--	--	(3)	38
El Salvador	--	--	(3)	62
Guadeloupe	--	--	2	45
Guatemala	--	--	(3)	52
Haiti	--	--	(3)	12
Honduras	--	--	(3)	11
Jamaica	--	--	(3)	128
Mexico	61	15,300	848	189,000
Netherlands Antilles	(3)	135	21	1,190
Nicaragua	--	--	(3)	15
Panama	(3)	25	(3)	35
Peru	--	--	32	7,810
Suriname	--	--	(3)	170
Trinidad and Tobago	--	--	1	203
Turks and Caicos Islands	(3)	6	(3)	38
Venezuela	(3)	33	1	294
Total	188	41,300	2,140	434,000
Africa, Europe, Middle East:				
Austria	14	68	15	1,130
Belgium	(3)	134	4	3,350
Cote d' Ivoire	--	--	(3)	311
Czech Republic	(3)	9	(3)	33
Egypt	35	9,470	281	70,900
Finland	1	732	50	76,600
France	24	1,080	35	5,280
Georgia	--	--	(3)	36
Germany	1	144	2	2,180
Greece	27	6,260	157	35,500
Hungary	(3)	14	1	247
Ireland	(3)	99	1	425
Israel	4	147	9	621
Italy	(3)	56	38	26,100
Kenya	(3)	846	15	7,290
Netherlands	(3)	696	10	13,400
Nigeria	--	--	(3)	23
Norway	--	--	(3)	20
Pakistan	(3)	39	69	17,800
Poland	--	--	(3)	3
Portugal	--	--	23	4,970
Saudi Arabia	(3)	13	36	6,820

See footnotes at end of table.

TABLE 6a--Continued
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY^{1, 2}

(Thousand metric tons and thousand dollars)

Region and country	September 2006		Year to date	
	Quantity	Value	Quantity	Value
Africa, Europe, Middle East--Continued:				
South Africa	(3)	18	(3)	744
Spain	8	12,400	29	19,000
Sweden	--	--	(3)	399
Switzerland	(3)	105	1	474
Turkey	306	65,000	1,590	356,000
Ukraine	--	--	(3)	155
United Arab Emirates	(3)	52	1	294
United Kingdom	19	778	22	2,900
Total	442	98,100	2,390	653,000
Asia, Australia, Oceania:				
Australia	(3)	35	(3)	384
Bangladesh	182	1,270	215	9,870
Brunei	--	--	(3)	3
China	968	136,000	2,900	1,150,000
Hong Kong	48	4,930	116	50,800
India	208	7,930	570	139,000
Indonesia	5	3,510	60	18,900
Japan	3	3,160	39	34,400
Korea, Republic of	804	9,900	1,230	130,000
Malaysia	110	17,600	692	159,000
New Zealand	--	--	(3)	8
Philippines	--	--	(3)	52
Singapore	(3)	17	49	3,800
Sri Lanka	--	--	(3)	16
Taiwan	123	34,400	548	169,000
Thailand	15	3,550	346	81,800
Vietnam	7	1,830	449	9,970
Total	2,470	225,000	7,210	1,960,000
Grand total	3,100	364,000	11,700	3,040,000

-- 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.

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 7
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION AND SELECTED CUSTOMS DISTRICT^{1,2,3}

(Thousand metric tons and thousand dollars)

Region and customs district	August 2006		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	12	5,100	77	29,200
Chicago, IL	(4)	259	1	1,100
Cleveland, OH	(4)	44	(4)	136
Detroit, MI	34	6,650	244	48,100
Duluth, MN	(4)	258	21	4,600
Great Falls, MT	3	429	21	4,330
Ogdensburg, NY	6	1,490	56	12,600
Pembina, ND	43	8,420	348	69,500
Other ⁵	(4)	24	2	233
Total	99	22,700	771	172,000
East Coast:				
Baltimore, MD	2	2,150	15	13,000
Boston, MA	42	10,100	269	65,400
Charleston, SC	7	7,320	46	38,100
Miami, FL	12	12,200	65	61,400
New York, NY	194	68,900	1,360	456,000
Norfolk, VA	14	6,560	141	55,300
Philadelphia, PA	66	17,800	285	70,300
Portland, ME	12	3,660	127	30,700
Providence, RI	--	--	175	39,400
Savannah, GA	43	8,130	121	54,400
St. Albans, VT	7	1,510	49	10,900
Wilmington, NC	3	818	51	19,500
Other ⁵	24	2,290	213	18,200
Total	426	141,000	2,890	924,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	(4)	17	1	203
Houston-Galveston, TX	8	10,200	48	39,500
Laredo, TX	46	7,350	334	69,200
Mobile, AL	(4)	112	23	4,740
New Orleans, LA	37	8,310	117	75,100
San Juan, PR	37	5,030	123	25,500
Tampa, FL	66	17,400	159	42,400
Other	(4)	39	2	212
Total	195	48,400	808	257,000
West Coast and Hawaii:				
Columbia-Snake, OR	71	18,800	369	121,000
Honolulu, HI and Anchorage, AK	28	6,880	152	31,400
Los Angeles, CA	662	116,000	2,200	756,000
San Diego, CA	4	835	55	8,920
San Francisco, CA	82	25,300	847	246,000
Seattle, WA	87	26,800	542	163,000
Total	934	195,000	4,170	1,330,000
Grand total	1,650	407,000	8,640	2,680,000

-- Zero.

¹Re-export activity for August 2006 amounted to 322 metric tons valued at \$146,710.

²Includes 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.

³Data are rounded to no more than three significant digits; may not add to totals shown.

⁴Less than ½ unit.

⁵Includes Code 70, which is for low-valued exports from the United States to Canada.

Source: U.S. Census Bureau.

TABLE 7a
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION AND SELECTED CUSTOMS DISTRICT^{1, 2, 3}

(Thousand metric tons and thousand dollars)

Region and customs district	September 2006		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	12	5,130	89	34,300
Chicago, IL	(4)	210	1	1,310
Cleveland, OH	(4)	31	(4)	167
Detroit, MI	32	6,650	276	54,700
Duluth, MN	1	258	23	4,850
Great Falls, MT	2	324	23	4,650
Ogdensburg, NY	6	1,520	63	14,100
Pembina, ND	39	7,120	387	76,600
Other ⁵	(4)	3	2	236
Total	94	21,200	865	193,000
East Coast:				
Baltimore, MD	1	534	16	13,600
Boston, MA	76	18,300	345	83,700
Charleston, SC	119	7,030	165	45,200
Miami, FL	29	9,190	94	70,600
New York, NY	215	62,300	1,570	519,000
Norfolk, VA	62	8,590	203	63,900
Philadelphia, PA	54	9,570	338	79,900
Portland, ME	5	1,280	132	32,000
Providence, RI	92	23,500	267	62,900
Savannah, GA	13	8,310	134	62,700
St. Albans, VT	9	2,010	58	12,900
Wilmington, NC	4	1,680	56	21,200
Other ⁵	26	2,170	239	20,400
Total	703	154,000	3,590	1,080,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	(4)	12	1	216
Houston-Galveston, TX	128	8,810	176	48,300
Laredo, TX	21	4,420	356	73,600
Mobile, AL	(4)	81	23	4,820
New Orleans, LA	42	11,100	159	86,200
San Juan, PR	9	2,110	132	27,600
Tampa, FL	23	903	183	43,300
Other	--	--	2	212
Total	223	27,400	1,030	284,000
West Coast and Hawaii:				
Columbia-Snake, OR	64	3,110	433	125,000
Honolulu, HI and Anchorage, AK	2	499	154	31,900
Los Angeles, CA	1,390	131,000	3,590	887,000
San Diego, CA	5	797	59	9,720
San Francisco, CA	503	11,100	1,350	257,000
Seattle, WA	122	14,600	664	178,000
Total	2,080	161,000	6,250	1,490,000
Grand total	3,100	364,000	11,700	3,040,000

-- Zero.

¹Re-export activity for September 2006 amounted to 243 metric tons valued at \$104,393.

²Includes 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.

³Data are rounded to no more than three significant digits; may not add to totals shown.

⁴Less than ½ unit.

⁵Includes Code 70, which is for low-valued exports from the United States to Canada.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Item	August 2006		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	247	61,200	1,670	413,000
No. 2 heavy melting steel	18	3,930	185	40,100
No. 1 bundles	12	1,830	163	17,800
No. 2 bundles	--	--	33	6,760
Shredded steel scrap	379	94,200	2,270	523,000
Borings, shovelings and turnings	8	1,390	118	18,200
Cut plate and structural	20	4,690	188	42,800
Tinned iron or steel	6	2,910	50	14,600
Remelting scrap ingots	(3)	492	4	4,310
Cast iron	582	32,300	1,580	295,000
Other iron and steel	197	60,600	1,200	356,000
Total carbon steel and cast iron	1,470	263,000	7,450	1,730,000
Stainless steel	42	53,500	331	438,000
Other alloy steel	143	90,200	850	510,000
Total stainless and alloy steel	184	144,000	1,180	948,000
Total carbon, stainless, alloy steel and cast iron	1,650	407,000	8,640	2,680,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	41	2	298
Used rails for rerolling and other uses	2	2,250	31	22,000
Total scrap exports	1,660	409,000	8,670	2,700,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	258	8	1,780
Pig iron > 0.5% phosphorus	--	--	1	148
Alloy pig iron	(3)	333	30	669
Total pig iron	1	591	39	2,600
Direct-reduced iron (DRI)	--	--	(3)	11
Spongy iron products, not DRI	1	326	6	2,370
Granules for abrasive cleaning and other uses	2	2,810	16	17,500
Powders of alloy steel	1	2,110	7	17,100
Other ferrous powders	6	6,170	40	49,100
Total DRI, granules, powders	10	11,400	69	86,100
Grand total	1,670	421,000	8,780	2,790,000

-- Zero.

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.

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 8a
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	September 2006		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	317	64,000	1,980	477,000
No. 2 heavy melting steel	35	5,460	220	45,500
No. 1 bundles	13	2,030	176	19,900
No. 2 bundles	1	233	34	7,000
Shredded steel scrap	193	46,300	2,460	569,000
Borings, shovelings and turnings	5	948	123	19,100
Cut plate and structural	36	9,000	224	51,800
Tinned iron or steel	4	991	54	15,600
Remelting scrap ingots	1	811	5	5,120
Cast iron	311	37,800	1,890	333,000
Other iron and steel	154	50,700	1,350	407,000
Total carbon steel and cast iron	1,070	218,000	8,520	1,950,000
Stainless steel	901	69,200	1,230	507,000
Other alloy steel	1,130	76,500	1,980	586,000
Total stainless and alloy steel	2,030	146,000	3,220	1,090,000
Total carbon, stainless, alloy steel and cast iron	3,100	364,000	11,700	3,040,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	9	2	307
Used rails for rerolling and other uses	4	2,860	35	24,800
Total scrap exports	3,110	367,000	11,800	3,070,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	7	1,700	15	3,480
Pig iron > 0.5% phosphorus	(3)	7	1	155
Alloy pig iron	51	93	81	763
Total pig iron	58	1,800	97	4,390
Direct-reduced iron (DRI)	--	--	(3)	11
Spongy iron products, not DRI	(3)	187	7	2,560
Granules for abrasive cleaning and other uses	2	1,970	18	19,400
Powders of alloy steel	1	2,320	8	19,400
Other ferrous powders	6	6,280	47	55,400
Total DRI, granules, powders	10	10,800	79	96,800
Grand total	3,170	379,000	12,000	3,170,000

-- Zero.

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.

³Less than ½ unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Country	August 2006		Year to date	
	Quantity	Value	Quantity	Value
Argentina	--	--	(3)	155
Australia	(3)	6	(3)	47
Bahamas, The	(3)	64	3	343
Belgium	--	--	61	15,700
Brazil	--	--	(3)	166
Canada	287	71,100	2,220	541,000
Cayman Islands	(3)	10	3	177
China	--	--	4	786
Colombia	(3)	187	1	634
Costa Rica	(3)	3	(3)	83
Denmark	42	13,000	105	27,800
Dominican Republic	4	1,100	23	5,250
Egypt	(3)	314	2	1,210
El Salvador	(3)	8	(3)	65
Germany	1	685	2	848
Grenada	--	--	(3)	82
Guatemala	(3)	5	(3)	65
India	--	--	(3)	22
Israel	--	--	(3)	12
Italy	--	--	(3)	35
Japan	(3)	269	2	1,130
Malaysia	--	--	(3)	57
Mexico	24	10,700	149	62,900
Netherlands	--	--	243	62,000
Netherlands Antilles	--	--	(3)	2
Panama	(3)	16	(3)	103
Russia	(3)	30	(3)	45
Spain	(3)	159	(3)	201
Sweden	--	--	173	41,300
Trinidad and Tobago	--	--	2	769
Turkey	(3)	71	(3)	95
United Arab Emirates	1	647	1	659
United Kingdom	35	12,300	576	157,000
Venezuela	--	--	(3)	147
Other	(3)	76	2	904
Total	397	111,000	3,580	922,000

-- Zero.

¹Includes 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.

³Less than ½ unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Country	September 2006		Year to date	
	Quantity	Value	Quantity	Value
Argentina	--	--	(3)	155
Australia	--	--	(3)	47
Bahamas, The	(3)	44	3	387
Belgium	--	--	61	15,700
Brazil	--	--	(3)	166
Canada	260	67,300	2,480	608,000
Cayman Islands	--	--	3	177
China	--	--	4	786
Colombia	--	--	1	634
Costa Rica	(3)	30	(3)	114
Denmark	--	--	105	27,800
Dominican Republic	(3)	9	23	5,250
Egypt	(3)	357	2	1,560
El Salvador	(3)	2	(3)	67
Germany	(3)	28	2	876
Grenada	--	--	(3)	82
Guatemala	(3)	6	(3)	71
India	--	--	(3)	22
Israel	--	--	(3)	12
Italy	--	--	(3)	35
Japan	1	678	3	1,810
Malaysia	(3)	2	(3)	59
Mexico	23	8,940	172	71,900
Netherlands	--	--	243	62,000
Netherlands Antilles	--	--	(3)	2
Panama	(3)	16	(3)	119
Russia	(3)	3	(3)	48
Spain	--	--	(3)	201
Sweden	(3)	22	174	41,300
Trinidad and Tobago	--	--	2	769
Turkey	--	--	(3)	95
United Arab Emirates	--	--	1	659
United Kingdom	74	21,100	650	178,000
Venezuela	--	--	(3)	147
Other	(3)	141	2	1,050
Total	359	98,600	3,940	1,020,000

-- Zero.

¹Includes 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.

³Less than ½ unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Customs district	August 2006		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	43	22,200	343	155,000
Charleston, SC	42	13,000	740	192,000
Cleveland, OH	19	1,500	56	4,220
Detroit, MI	143	31,800	1,180	265,000
El Paso, TX	5	1,210	29	7,530
Mobile, AL	4	1,090	146	34,300
New Orleans, LA	35	12,300	309	82,100
Pembina, ND	17	4,930	76	25,400
San Diego, CA	12	2,610	81	15,900
Seattle, WA	57	7,480	449	57,800
Other	19	12,600	170	82,600
Total	397	111,000	3,580	922,000

¹Includes 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.
Import valuation is on a Customs basis.

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

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Customs district	September 2006		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	32	17,500	374	172,000
Charleston, SC	70	19,700	810	212,000
Detroit, MI	125	28,500	1,300	293,000
Duluth, MN	3	1,020	37	11,400
El Paso, TX	4	1,110	32	8,640
Laredo, TX	4	3,100	28	25,500
New Orleans, LA	37	10,400	346	92,500
Pembina, ND	9	2,670	85	28,000
San Diego, CA	13	2,440	94	18,300
Seattle, WA	55	7,140	504	64,900
Other	7	5,020	320	93,300
Total	359	98,600	3,940	1,020,000

¹Includes 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.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Item	August 2006		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	23	6,150	76	14,700
No. 2 heavy melting steel	6	917	61	10,400
No. 1 bundles	62	15,400	1,040	277,000
No. 2 bundles	(3)	45	6	943
Shredded steel scrap	95	25,900	859	189,000
Borings, shovelings and turnings	10	917	50	5,460
Cut plate and structural	7	1,070	137	27,200
Tinned iron or steel	(3)	139	8	1,940
Remelting scrap ingots	(3)	48	1	396
Cast iron	36	6,120	295	52,500
Other iron and steel	84	17,400	580	130,000
Total carbon steel and cast iron	323	74,000	3,120	710,000
Stainless steel	22	26,700	125	141,000
Other alloy steel	51	9,970	332	70,400
Total stainless and alloy steel	73	36,700	456	211,000
Total carbon, stainless, alloy steel and cast iron	396	111,000	3,570	922,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	24	(3)	49
Used rails for rerolling and other uses	--	--	96	39,200
Total scrap imports	396	111,000	3,670	961,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	489	142,000	4,290	1,050,000
Pig iron > 0.5% phosphorus	--	--	249	57,100
Alloy pig iron	--	--	(3)	6
Total pig iron	489	142,000	4,540	1,110,000
Direct-reduced iron (DRI)	258	51,500	2,230	333,000
Spongy iron products, not DRI	31	10,200	55	18,700
Granules for abrasive cleaning and other uses	2	1,050	14	9,950
Powders of alloy steel	4	5,400	35	45,800
Other ferrous powders	5	5,750	50	58,000
Total DRI, granules, powders	300	73,900	2,380	465,000
Grand total	1,190	326,000	10,600	2,530,000

-- Zero.

¹Import valuation is on a Customs basis.

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

³Less than ½ unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Item	September 2006		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	7	1,200	84	15,900
No. 2 heavy melting steel	9	1,290	71	11,700
No. 1 bundles	65	16,900	1,110	294,000
No. 2 bundles	1	107	6	1,050
Shredded steel scrap	115	28,800	974	218,000
Borings, shovelings and turnings	5	567	56	6,030
Cut plate and structural	9	1,160	146	28,400
Tinned iron or steel	1	131	9	2,070
Remelting scrap ingots	(3)	4	1	400
Cast iron	29	5,430	325	57,900
Other iron and steel	57	13,500	637	144,000
Total carbon steel and cast iron	298	69,000	3,420	779,000
Stainless steel	15	20,000	140	161,000
Other alloy steel	45	9,630	376	80,000
Total stainless and alloy steel	60	29,700	516	241,000
Total carbon, stainless, alloy steel and cast iron	358	98,600	3,930	1,020,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	49
Used rails for rerolling and other uses	--	--	96	39,200
Total scrap imports	358	98,600	4,030	1,060,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	600	188,000	4,890	1,240,000
Pig iron > 0.5% phosphorus	--	--	249	57,100
Alloy pig iron	--	--	(3)	6
Total pig iron	600	188,000	5,140	1,300,000
Direct-reduced iron (DRI)	128	28,100	2,360	361,000
Spongy iron products, not DRI	62	19,600	117	38,400
Granules for abrasive cleaning and other uses	1	874	15	10,800
Powders of alloy steel	6	6,820	41	52,700
Other ferrous powders	5	6,000	55	64,000
Total DRI, granules, powders	202	61,500	2,580	527,000
Grand total	1,160	348,000	11,800	2,880,000

-- Zero.

¹Import valuation is on a Customs basis.

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

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 12
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,
AND CONTINUOUS CAST STEEL PRODUCTION¹

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date ²	Monthly	Year to date	Monthly	Year to date
2005:						
September	7,770	69,400	86.4	85.0	95.7	96.6
October	8,190	77,700	89.3	85.6	96.7	96.5
November	7,830	85,500	88.1	85.9	95.9	96.4
December	7,800	93,300	85.0	85.8	96.9	96.5
2006:						
January	8,090	8,090	85.6	85.6	96.8	96.8
February	7,720	15,800	89.5	87.0	96.6	96.7
March	8,860	24,700	92.8	89.1	96.2	96.5
April	8,510	33,200	91.4	89.6	96.6	96.5
May	8,900	42,100	92.5	90.2	96.8	96.7
June	8,580	50,700	92.1	90.5	96.5	96.7
July	8,460	59,100	88.7	90.2	97.2	96.7
August	8,460	67,600	88.7	90.0	97.2	96.7
September	8,420	76,000	91.2	90.1	96.5	96.7
October	8,090	84,100	86.2	89.8	96.7	96.7

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

²Year-to-date may include revisions for previous months.

Source: American Iron and Steel Institute.

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

Period	American Metal Market No. 1 HMS		Iron Age No. 1 HMS		Iron Age Pig Iron ¹	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2005:						
September	229.87	226.24	232.13	228.46	295.91	291.24
October	202.33	199.13	197.73	194.61	294.64	289.99
November	234.23	230.53	230.54	226.90	290.07	285.49
December	229.30	225.68	219.61	216.14	276.35	271.99
Average	195.53	192.44	191.54	188.51	300.48	295.73
2006:						
January	210.75	207.42	206.23	202.98	246.38	242.49
February	231.75	228.09	225.58	222.02	256.54	252.49
March	231.57	227.91	228.00	224.40	272.03	267.74
April	240.33	236.53	235.46	231.74	299.72	294.99
May	245.08	241.21	239.43	235.65	337.31	331.98
June	247.38	243.47	242.29	238.47	355.60	349.98
July	242.92	239.08	236.10	232.37	355.60	349.98
August	197.25	194.13	195.33	192.24	327.03	321.86
September	207.33	204.05	198.50	195.36	312.42	307.48
October	203.49	200.28	198.20	195.07	307.34	302.49

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

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