

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN NOVEMBER AND DECEMBER 2008

On a daily average basis in November 2008, estimated consumption of iron and steel scrap was down 20%, net receipts were down 28%, and home scrap production was down 4%, compared with those of October 2008, according to the U.S. Geological Survey. On a daily average basis in December 2008, estimated consumption of iron and steel scrap was down slightly, net receipts of purchased scrap were down 4%, and home scrap production was down 5% from those of November 2008. Stocks of purchased and home scrap at the end of November 2008 were down 3% from those at the end of October, and down 6% in December 2008 from those at the end of November. These observations are based upon responses from about 40% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent about 55% of the total scrap consumption in those sectors, and estimates for non-respondents to this survey.

On a daily average basis, pig iron production in November 2008 was down slightly from that in October. Pig iron production in December 2008 was down 11% from that in November. Pig iron consumption in November 2008 was down slightly from that in October and down 8% in December 2008 from that in November. Stocks of pig iron at the end of November 2008 were up 8% from those at the end of October and down 5% at the end of December 2008 from those at the end of November.

Exports of iron and steel scrap for October 2008 increased 9% from those of September. China was the leading country of destination, accounting for 25% of the total tonnage of exports, followed by the Republic of Korea, with 23%, and Turkey, with 11% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 25% of the total, followed by San Francisco, CA, with 13%, and New York, NY, with 12% (table 7).

Exports of iron and steel scrap for November 2008 decreased 30% from those of October. Turkey was the leading country of destination, accounting for 42% of the total tonnage of exports, followed by China, with 19%, and the Republic of Korea, with 7% (table 6a). New York, NY, and Los Angeles, CA, were the leading U.S. Customs districts for tonnage of exports, each

accounting for 16% of the total, followed by Boston, MA, with 13% (table 7a).

Imports of iron and steel scrap for October 2008 decreased 34% from those of September. Canada was the leading country of origin, accounting for 82% of the total tonnage of imports, followed by Mexico, with 16% (table 9). Detroit, MI, and Seattle, WA, were the leading U.S. Customs districts for tonnage of imports, each accounting for 30% of the total, followed by Buffalo, NY, with 15% (table 10).

Imports of iron and steel scrap for November 2008 decreased 6% from those of October. Canada was the leading country of origin, accounting for 75% of the total tonnage of imports, followed by the Netherlands with 16%, and Mexico, with 8% (table 9a). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 32% of the total, followed by Seattle, WA, with 19%, and Buffalo, NY, with 18% (table 10a).

The daily average domestic raw steel production for November 2008, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 157,000 metric tons (t), down 39% from 218,000 t in October 2008, and down 42% from 273,000 t in November 2007 (table 12). The electric furnace portion of raw steel production for November 2008 was 57%, down from 59% in October 2008, and down from 60% in November 2007.

The daily average domestic raw steel production for December 2008, as calculated from the AISI's monthly production data, amounted to 126,000 t, down 20% from 157,000 t in November 2008, and down 54% from 273,000 t in December 2007 (table 12). The electric furnace portion of raw steel production for December 2008 was 57%, the same as that in November 2008 and down slightly from that in December 2007.

Raw steel production capability utilization (AISI data) in November 2008 was 51%, down from 71% in October 2008, and down from 89% in November 2007 (table 12). Raw steel production capability utilization in December 2008 was 41%, down from 51% in November 2008, and down from 88% in December 2007 (table 12).

Continuous cast steel production in the United States (AISI data) accounted for 97% of total raw steel production in

November 2008, about the same as that in October 2008 and in November 2007. Continuous cast steel production accounted for 96% of total raw steel production in December 2008, about the same as in November 2008 and down slightly from that in December 2007.

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

(Thousand metric tons)

	November 2008			Year to date ³		
	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,150	1,910	3,050	17,100	26,800	43,900
Receipts from other own company plants	16	174	190	354	2,300	2,650
Production recirculating scrap	330	317	647	4,160	3,730	7,890
Production obsolete scrap	W	W	7	W	W	87
Consumption (by type of furnace):						
Blast furnace	W	W	141	W	W	2,440
Basic oxygen process	W	W	580	W	W	8,300
Electric furnace	808	2,360	3,170	10,500	31,300	41,800
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,450	2,460	3,900	20,100	32,500	52,600
Shipments	91	32	123	1,030	287	1,310
Stocks end of month	1,730	2,160	3,890	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	527	115	642	6,500	1,240	7,740
Production	W	W	1,700	W	W	24,500
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,040	W	W	28,600
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,140	87	2,220	30,300	1,190	31,400
Shipments	W	W	W	W	W	W
Stocks at end of month	W	W	886	XX	XX	XX
Direct-reduced iron:⁸						
Receipts	W	W	153	W	W	1,990
Production	--	--	--	--	--	--
Total consumption	W	W	161	W	W	1,820
Shipments	--	W	W	--	W	W
Stocks end of month	326	117	443	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. November 2008 data are based on returns from 40% of monthly respondents, representing 55% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³Prior months' data may have been revised.

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."

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

(Thousand metric tons)

	December 2008			Year to date ³		
	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,080	1,960	3,040	18,200	28,800	47,000
Receipts from other own company plants	12	152	164	366	2,450	2,820
Production recirculating scrap	329	320	649	4,490	4,050	8,540
Production obsolete scrap	W	W	7	W	W	94
Consumption (by type of furnace):						
Blast furnace	W	W	191	W	W	2,630
Basic oxygen process	W	W	550	W	W	8,850
Electric furnace	812	2,370	3,180	11,300	33,700	45,000
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,420	2,510	3,930	21,500	35,000	56,500
Shipments	110	29	139	1,140	316	1,450
Stocks end of month	1,610	2,070	3,670	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	487	68	555	6,990	1,310	8,300
Production	W	W	1,570	W	W	26,000
Consumption (by type of furnace):						
Basic oxygen process	W	W	1,910	W	W	30,500
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,010	90	2,100	32,300	1,280	33,600
Shipments	W	W	W	W	W	W
Stocks at end of month	W	W	844	XX	XX	XX
Direct-reduced iron:⁸						
Receipts	W	W	145	W	W	2,130
Production	W	--	W	W	--	W
Total consumption	W	W	130	W	W	1,950
Shipments	W	W	W	W	W	W
Stocks end of month	352	77	428	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. December 2008 data are based on returns from 44% of monthly respondents, representing 55% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³Prior months' data may have been revised.

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."

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	November 2008				Year to date 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 ⁴	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 ⁴
Carbon steel:							
Low-phosphorus plate and punchings	56	W	60	W	656	W	666
Cut structural and plate	268	45	326	269	3,650	604	4,350
No. 1 heavy melting steel	308	163	467	500	4,520	1,800	6,300
No. 2 heavy melting steel	376	19	408	437	5,690	205	5,880
No. 1 and electric furnace bundles	222	W	300	275	2,950	W	3,580
No. 2 and all other bundles	53	W	60	39	782	W	824
Electric furnace 1 foot and under (not bundles)	W	W	W	--	W	W	W
Railroad rails	13	W	19	4	147	W	208
Turnings and borings	146	11	169	113	1,830	117	2,120
Slag scrap	70	56	96	169	900	838	1,360
Shredded and fragmentized	679	W	852	874	10,600	W	11,900
No. 1 busheling	350	10	367	347	4,520	182	4,730
Steel cans (post consumer)	9	--	10	10	147	--	141
All other carbon steel scrap	254	143	390	285	3,820	1,610	5,450
Stainless steel scrap	61	31	103	52	794	343	1,240
Alloy steel scrap	6	28	39	41	69	422	530
Ingot mold and stool scrap	W	W	6	21	W	W	63
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	15	W	18	12	235	W	240
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	65	8	75	170	864	204	1,040
Other mixed scrap	100	19	133	134	1,750	255	1,990
Total	3,050	647	3,900	3,890	43,900	7,890	52,600

^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.

³Prior months' data may have been revised.

⁴Includes 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	December 2008				Year to date 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 ⁴	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 ⁴
Carbon steel:							
Low-phosphorus plate and punchings	56	W	59	W	712	W	725
Cut structural and plate	261	43	323	266	3,910	647	4,670
No. 1 heavy melting steel	300	159	499	461	4,820	1,960	6,800
No. 2 heavy melting steel	409	17	461	404	6,100	223	6,350
No. 1 and electric furnace bundles	216	W	300	270	3,170	W	3,880
No. 2 and all other bundles	57	W	64	36	839	W	888
Electric furnace 1 foot and under (not bundles)	W	W	W	--	W	W	W
Railroad rails	13	W	18	4	160	W	227
Turnings and borings	156	11	186	114	1,990	128	2,310
Slag scrap	72	57	111	150	972	896	1,470
Shredded and fragmentized	662	W	801	800	11,300	W	12,700
No. 1 busheling	332	13	357	312	4,850	195	5,090
Steel cans (post consumer)	9	--	9	10	156	--	150
All other carbon steel scrap	251	132	377	285	4,070	1,740	5,820
Stainless steel scrap	64	28	92	54	858	371	1,330
Alloy steel scrap	6	36	45	43	75	458	575
Ingot mold and stool scrap	W	W	6	21	W	W	68
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	17	W	15	14	252	W	256
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	63	8	73	173	927	212	1,110
Other mixed scrap	98	21	128	127	1,840	275	2,120
Total	3,040	649	3,930	3,670	47,000	8,540	56,500

³Preliminary. 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.

³Prior months' data may have been revised.

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}

(Thousand metric tons)

Region and State	November 2008			Year to date ^{p, 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 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:						
New Jersey, New York, Pennsylvania	368	160	598	4,620	1,760	7,050
North Central:						
Illinois and Indiana	390	141	497	5,150	1,550	6,370
Iowa, Minnesota, Nebraska, Wisconsin	122	3	140	1,610	37	1,760
Michigan	121	54	134	1,600	642	1,820
Ohio	379	72	432	6,280	1,320	7,470
Total	1,010	270	1,200	14,600	3,550	17,400
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	184	56	275	2,470	639	3,320
Florida, Georgia, North Carolina, South Carolina	185	11	240	2,740	123	3,060
Total	369	67	515	5,210	762	6,380
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	486	23	559	7,590	316	7,740
Arkansas, Louisiana, Oklahoma, Texas	480	50	609	7,600	642	8,990
Total	966	73	1,170	15,200	958	16,700
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	336	77	416	4,270	858	5,010
Grand total	3,050	647	3,900	43,900	7,890	52,600

^pPreliminary.

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.

³Prior months' data may have been revised.

⁴Includes 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	December 2008			Year to date ^{p,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 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:						
New Jersey, New York, Pennsylvania	373	156	578	5,000	1,920	7,630
North Central:						
Illinois and Indiana	398	140	521	5,550	1,690	6,900
Iowa, Minnesota, Nebraska, Wisconsin	122	4	139	1,740	40	1,900
Michigan	99	51	130	1,700	692	1,950
Ohio	400	70	488	6,680	1,390	7,960
Total	1,020	265	1,280	15,700	3,810	18,700
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	181	56	281	2,650	694	3,600
Florida, Georgia, North Carolina, South Carolina	129	19	182	2,870	142	3,240
Total	310	75	463	5,520	836	6,840
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	507	25	554	8,090	342	8,290
Arkansas, Louisiana, Oklahoma, Texas	502	52	642	8,100	694	9,630
Total	1,010	77	1,200	16,200	1,040	17,900
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	330	76	410	4,600	935	5,430
Grand total	3,040	649	3,930	47,000	8,540	56,500

^pPreliminary.

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.

³Prior months' data may have been revised.

⁴Includes 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	November 2008					Year to date ^{P, 5}				
	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	18	W	W	W	W	195	W	W	W	W
Cut structural and plate	39	85	66	71	W	462	1,210	826	1,080	W
No. 1 heavy melting steel	59	63	44	123	W	694	1,230	466	1,910	W
No. 2 heavy melting steel	W	127	29	185	W	W	2,070	599	2,640	W
No. 1 and electric furnace bundles	8	155	23	31	W	126	1,800	253	718	W
No. 2 and all other bundles	11	16	3	18	W	140	326	38	227	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	--	--	W	--
Railroad rails	W	W	W	5	W	W	W	W	67	W
Turnings and borings	15	39	13	75	4	175	510	179	923	45
Slag scrap	11	22	W	18	W	121	295	W	283	W
Shredded and fragmentized	77	178	105	246	73	963	2,410	1,900	4,520	798
No. 1 busheling	56	156	28	105	W	704	1,850	233	1,680	W
Steel cans (post consumer)	2	5	--	--	W	46	77	--	--	W
All other carbon steel scrap	21	91	W	37	W	353	1,760	W	510	W
Stainless steel scrap	31	5	--	W	--	394	120	--	W	--
Alloy steel scrap	2	3	--	W	--	24	30	--	W	--
Ingot mold and stool scrap	--	--	--	--	--	--	--	--	--	--
Machinery and cupola cast iron	W	W	W	--	--	W	W	W	--	--
Cast iron borings	W	W	W	5	W	W	W	W	71	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	4	20	W	W	W	59	334	W	W	W
Other mixed scrap	W	3	W	10	W	W	49	W	145	W
Total	368	1,010	369	966	336	4,620	14,600	5,210	15,200	4,270

^PPreliminary. 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.

⁵Prior months' data may have been revised.

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

(Thousand metric tons)

Item	December 2008					Year to date ^{b, 5}				
	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	18	W	W	W	W	213	W	W	W	W
Cut structural and plate	40	87	60	66	W	502	1,300	886	1,140	W
No. 1 heavy melting steel	59	58	40	123	W	754	1,290	507	2,040	W
No. 2 heavy melting steel	W	151	22	201	W	W	2,230	621	2,840	W
No. 1 and electric furnace bundles	10	150	16	36	W	136	1,950	269	754	W
No. 2 and all other bundles	10	20	3	19	W	151	346	40	246	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	--	--	W	--
Railroad rails	W	W	W	5	W	W	W	W	72	W
Turnings and borings	15	47	12	78	4	189	558	191	1,000	50
Slag scrap	11	23	W	19	W	132	317	W	303	W
Shredded and fragmentized	79	160	83	267	73	1,040	2,570	1,980	4,790	871
No. 1 busheling	52	156	15	103	W	756	2,000	248	1,790	W
Steel cans (post consumer)	3	4	--	W	W	48	82	--	W	W
All other carbon steel scrap	20	87	W	38	W	373	1,850	W	548	W
Stainless steel scrap	34	4	--	W	--	428	124	--	W	--
Alloy steel scrap	2	3	--	W	--	27	32	--	W	--
Ingot mold and stool scrap	W	--	--	--	--	W	--	--	--	--
Machinery and cupola cast iron	W	W	W	--	--	W	W	W	--	--
Cast iron borings	W	W	W	6	W	W	W	W	77	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	4	17	W	W	W	63	351	W	W	W
Other mixed scrap	W	3	W	13	W	W	52	W	158	W
Total	373	1,020	310	1,010	330	5,000	15,700	5,520	16,200	4,600

^bPreliminary. 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.

⁵Prior months' data may have been revised.

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

(Thousand metric tons)

Item	November 2008					Year to date ⁴				
	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	18	W	W	W	W	199	W	W	W	W
Cut structural and plate	50	100	94	76	W	573	1,500	1,110	1,100	W
No. 1 heavy melting steel	101	99	54	164	50	1,150	1,710	573	2,320	551
No. 2 heavy melting steel	16	128	34	205	W	177	2,060	600	2,770	W
No. 1 and electric furnace bundles	21	208	26	41	W	252	2,440	251	582	W
No. 2 and all other bundles	11	20	3	20	W	140	323	36	248	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	8	W	W	W	W	89	W
Turnings and borings	31	44	14	76	4	353	615	187	920	46
Slag scrap	18	27	W	33	W	214	494	W	457	W
Shredded and fragmentized	104	183	175	315	76	1,250	2,460	2,300	5,030	834
No. 1 busheling	63	160	23	116	W	797	1,880	238	1,770	W
Steel cans (post consumer)	4	4	W	W	W	45	71	W	W	W
All other carbon steel scrap	67	119	36	49	120	829	2,200	429	675	1,320
Stainless steel scrap	57	10	--	W	--	643	193	--	W	--
Alloy steel scrap	14	23	--	W	--	159	347	--	W	--
Ingot mold and stool scrap	W	W	--	W	--	W	W	--	W	--
Machinery and cupola cast iron	--	W	W	--	--	--	W	W	--	--
Cast iron borings	W	W	W	6	W	W	W	W	71	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	10	20	36	W	W	128	401	398	W	W
Other mixed scrap	W	10	W	11	W	W	155	W	143	W
Total	598	1,200	515	1,170	416	7,050	17,400	6,380	16,700	5,010

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.

⁴Prior months' data may have been revised.

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

(Thousand metric tons)

Item	December 2008					Year to date ⁴				
	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	18	W	W	W	W	217	W	W	W	W
Cut structural and plate	48	105	85	79	W	621	1,600	1,190	1,180	W
No. 1 heavy melting steel	101	120	53	176	50	1,250	1,830	625	2,490	601
No. 2 heavy melting steel	16	168	36	216	W	193	2,230	635	2,990	W
No. 1 and electric furnace bundles	20	212	24	39	W	272	2,650	276	622	W
No. 2 and all other bundles	10	23	3	21	W	151	345	39	269	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	7	W	W	W	W	96	W
Turnings and borings	31	59	14	78	4	384	674	201	997	51
Slag scrap	17	42	W	35	W	231	537	W	492	W
Shredded and fragmented	106	169	139	312	76	1,350	2,620	2,440	5,350	910
No. 1 busheling	58	158	19	117	W	855	2,040	257	1,880	W
Steel cans (post consumer)	3	4	W	W	W	48	76	W	W	W
All other carbon steel scrap	62	110	33	53	W	891	2,310	462	727	W
Stainless steel scrap	49	7	--	W	--	692	200	--	W	--
Alloy steel scrap	14	28	--	W	--	173	375	--	W	--
Ingot mold and stool scrap	W	W	--	W	--	W	W	--	W	--
Machinery and cupola cast iron	--	W	W	--	--	--	W	W	--	--
Cast iron borings	W	W	W	5	W	W	W	W	76	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	10	17	W	W	W	139	419	W	W	W
Other mixed scrap	W	10	2	11	W	W	166	W	154	W
Total	578	1,280	463	1,200	410	7,630	18,700	6,840	17,900	5,430

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 3a.

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

⁴Prior months' data may have been revised.

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	October 2008		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Argentina	(3)	113	1	485
Bahamas, The	(3)	8	7	1,540
Brazil	(3)	204	2	1,150
Canada	127	38,600	1,570	620,000
Colombia	5	1,420	59	25,100
Dominican Republic	(3)	44	2	559
Mexico	23	5,710	806	330,000
Netherlands Antilles	(3)	25	2	1,050
Peru	(3)	20	138	63,000
Suriname	--	--	2	374
Trinidad and Tobago	(3)	162	8	1,790
Venezuela	(3)	35	1	216
Other ⁴	(3)	783	8	2,640
Total	158	47,100	2,600	1,050,000
Africa, Europe, Middle East:				
Austria	(3)	190	2	1,780
Belgium	1	964	5	10,500
Egypt	41	23,400	759	358,000
Finland	6	10,900	44	93,800
France	(3)	1,040	4	8,780
Germany	1	598	6	3,920
Greece	33	12,200	246	113,000
Israel	(3)	161	1	717
Italy	(3)	541	78	41,200
Netherlands	1	1,840	20	41,100
Pakistan	45	20,100	143	54,000
Portugal	--	--	1	216
Romania	(3)	61	1	332
Saudi Arabia	--	--	1	476
Spain	(3)	744	67	66,100
Sweden	(3)	81	1	2,180
Switzerland	33	12,100	48	16,200
Turkey	187	80,300	3,450	1,780,000
United Kingdom	(3)	1,840	5	13,800
Other ⁴	(3)	397	33	23,000
Total	349	168,000	4,910	2,630,000
Australia	(3)	179	1	2,800
Bangladesh	23	9,670	81	34,700
China	409	238,000	2,250	1,630,000
Hong Kong	8	6,370	159	90,300
India	104	48,800	709	319,000
Indonesia	9	4,150	351	174,000
Japan	61	33,700	399	299,000
Korea, Republic of	389	182,000	2,520	1,160,000
Malaysia	46	29,100	1,260	511,000
Singapore	1	354	47	13,100
Taiwan	74	45,100	2,340	1,110,000
Thailand	2	1,190	1,030	443,000
Vietnam	23	8,930	265	101,000
Other ⁴	(3)	571	1	5,040
Total	1,150	607,000	11,400	5,900,000
Grand total	1,660	822,000	18,900	9,580,000

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)

-- 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.

⁴Includes countries with year to date quantities of less than 500 metric tons.

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	November 2008		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Argentina	(3)	35	1	519
Bahamas, The	--	--	7	1,540
Bermuda	1	56	1	64
Brazil	(3)	262	2	1,410
Canada	52	16,800	1,620	637,000
Colombia	(3)	137	59	25,300
Dominican Republic	(3)	219	3	778
Mexico	26	6,370	832	337,000
Netherlands Antilles	--	--	2	1,050
Peru	3	497	140	63,500
Suriname	(3)	31	2	405
Trinidad and Tobago	(3)	72	8	1,860
Venezuela	(3)	14	1	230
Other ⁴	(3)	91	9	2,730
Total	83	24,600	2,680	1,070,000
Africa, Europe, Middle East:				
Austria	(3)	143	2	1,930
Belgium	1	729	6	11,200
Egypt	76	32,200	835	391,000
Finland	7	10,400	51	104,000
France	(3)	548	4	9,330
Germany	1	957	7	4,870
Greece	30	3,610	276	117,000
Ireland	(3)	41	1	221
Israel	--	--	1	717
Italy	4	2,490	81	43,700
Netherlands	1	1,360	21	42,500
Pakistan	2	1,040	145	55,100
Portugal	--	--	1	216
Romania	(3)	3	1	335
Saudi Arabia	--	--	1	476
Spain	1	1,080	68	67,200
Sweden	(3)	33	1	2,210
Switzerland	--	--	48	16,200
Turkey	495	106,000	3,940	1,890,000
United Kingdom	1	1,600	6	15,400
Other ⁴	(3)	192	33	23,000
Total	619	163,000	5,530	2,790,000
Australia	(3)	69	1	2,870
Bangladesh	16	5,260	97	40,000
China	219	88,700	2,470	1,720,000
Hong Kong	3	2,340	162	92,600
India	22	7,190	731	327,000
Indonesia	9	2,340	359	176,000
Japan	26	16,500	425	316,000
Korea, Republic of	77	28,900	2,600	1,190,000
Malaysia	1	420	1,260	512,000
Singapore	(3)	61	47	13,200
Taiwan	75	34,300	2,420	1,140,000
Thailand	(3)	141	1,030	443,000
Vietnam	21	5,220	286	106,000
Other ⁴	(3)	284	2	5,320
Total	469	192,000	11,900	6,090,000
Grand total	1,170	379,000	20,100	9,960,000

See footnotes at end of table.

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

(Thousand metric tons and thousand dollars)

Region and customs district	October 2008		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	23	10,700	271	154,000
Chicago, IL	(4)	175	18	11,100
Detroit, MI	31	10,100	478	188,000
Duluth, MN	2	797	57	18,800
Great Falls, MT	1	368	21	6,270
Ogdensburg, NY	3	1,220	79	37,000
Pembina, ND	43	14,400	475	192,000
Other ³	13	1,580	78	11,800
Total	116	39,400	1,480	619,000
East Coast:				
Baltimore, MD	5	6,040	112	52,800
Boston, MA	88	34,300	1,280	633,000
Charleston, SC	11	4,440	156	83,200
Charlotte, NC	3	2,270	52	31,000
Miami, FL	10	5,660	233	162,000
New York, NY	201	116,000	2,760	1,570,000
Norfolk, VA	4	3,700	277	138,000
Philadelphia, PA	86	26,200	796	381,000
Portland, ME	2	1,730	109	62,000
Providence, RI	33	12,200	412	202,000
Savannah, GA	16	16,300	339	213,000
St. Albans, VT	9	2,460	93	36,000
Washington, DC	--	--	(4)	166
Total	468	231,000	6,610	3,560,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	(4)	67	5	623
Houston-Galveston, TX	18	10,700	470	233,000
Laredo, TX	22	5,530	274	80,300
Mobile, AL	2	1,150	62	32,800
New Orleans, LA	81	47,600	685	384,000
Nogales, AZ	(4)	30	9	3,960
San Juan, PR	16	4,730	165	47,100
Tampa, FL	35	13,700	465	205,000
Other	(4)	9	(4)	190
Total	174	83,400	2,140	988,000
West Coast and Hawaii:				
Columbia-Snake, OR	128	54,400	870	438,000
Honolulu, HI and Anchorage, AK	4	1,050	152	66,600
Los Angeles, CA	406	245,000	5,430	2,860,000
San Diego, CA	(4)	77	18	6,040
San Francisco, CA	211	103,000	1,230	557,000
Seattle, WA	150	64,700	992	480,000
Total	899	469,000	8,690	4,410,000
Grand total	1,660	822,000	18,900	9,580,000

-- 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.

³Includes Code 70, which is for low-valued exports from the United States to Canada.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Region and customs district	November 2008		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	8	5,120	278	159,000
Chicago, IL	(4)	169	19	11,300
Detroit, MI	13	6,680	491	195,000
Duluth, MN	1	238	58	19,100
Great Falls, MT	(4)	36	21	6,300
Ogdensburg, NY	1	437	80	37,500
Pembina, ND	29	6,770	503	198,000
Other ³	1	678	81	12,500
Total	54	20,100	1,530	639,000
East Coast:				
Baltimore, MD	1	1,100	112	53,900
Boston, MA	151	28,900	1,430	662,000
Charleston, SC	5	1,700	161	84,900
Charlotte, NC	2	643	54	31,700
Miami, FL	3	1,920	236	164,000
New York, NY	190	49,300	2,950	1,620,000
Norfolk, VA	40	12,700	318	151,000
Philadelphia, PA	126	40,100	921	421,000
Portland, ME	6	1,600	115	63,600
Providence, RI	30	3,610	442	206,000
Savannah, GA	25	6,770	364	220,000
St. Albans, VT	1	265	94	36,300
Washington, DC	--	--	(4)	166
Total	580	149,000	7,200	3,710,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	(4)	30	5	653
Houston-Galveston, TX	14	5,770	484	239,000
Laredo, TX	23	5,060	296	85,400
Mobile, AL	8	4,350	70	37,200
New Orleans, LA	113	50,500	798	434,000
Nogales, AZ	--	--	9	3,960
San Juan, PR	5	1,110	171	48,300
Tampa, FL	33	3,760	498	209,000
Other	(4)	--	(4)	190
Total	196	70,600	2,330	1,060,000
West Coast and Hawaii:				
Columbia-Snake, OR	4	2,600	875	440,000
Honolulu, HI and Anchorage, AK	33	7,720	184	74,300
Los Angeles, CA	187	82,400	5,620	2,940,000
San Diego, CA	(4)	64	19	6,100
San Francisco, CA	14	7,520	1,240	564,000
Seattle, WA	103	39,500	1,100	519,000
Total	341	140,000	9,030	4,540,000
Grand total	1,170	379,000	20,100	9,960,000

-- 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.

³Includes Code 70, which is for low-valued exports from the United States to Canada.

⁴Less than ½ unit.

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	October 2008		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	288	123,000	4,360	2,150,000
No. 2 heavy melting steel	34	10,700	299	91,200
No. 1 bundles	12	3,470	234	59,700
No. 2 bundles	1	246	23	6,340
Shredded steel scrap	699	314,000	7,430	3,110,000
Borings, shovelings and turnings	5	703	142	16,500
Cut plate and structural	82	39,300	787	308,000
Tinned iron or steel	9	4,130	128	60,200
Remelting scrap ingots	8	9,090	70	92,400
Cast iron	50	22,800	537	245,000
Other iron and steel	191	78,300	2,550	1,130,000
Total carbon steel and cast iron	1,380	606,000	16,600	7,270,000
Stainless steel	92	101,000	880	1,100,000
Other alloy steel	186	116,000	1,470	1,210,000
Total stainless and alloy steel	278	216,000	2,350	2,310,000
Total carbon, stainless, alloy steel and cast iron	1,660	822,000	18,900	9,580,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	4	354
Used rails for rerolling and other uses	7	5,950	59	40,200
Total scrap exports	1,660	828,000	19,000	9,620,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	2	994	27	10,400
Pig iron > 0.5% phosphorus	(3)	24	(3)	32
Alloy pig iron	(3)	27	24	862
Total pig iron	2	1,050	51	11,300
Direct-reduced iron (DRI)	--	--	(3)	92
Spongy iron products, not DRI	1	714	13	7,190
Granules for abrasive cleaning and other uses	2	3,490	30	43,000
Powders of alloy steel	(3)	2,220	7	30,400
Other ferrous powders	10	10,900	97	98,900
Total DRI, granules, powders	14	17,300	148	180,000
Grand total	1,680	846,000	19,200	9,810,000

-- 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	November 2008		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	417	102,000	4,780	2,260,000
No. 2 heavy melting steel	34	9,770	332	101,000
No. 1 bundles	7	1,500	242	61,200
No. 2 bundles	(3)	56	23	6,390
Shredded steel scrap	343	73,300	7,780	3,180,000
Borings, shovelings and turnings	4	494	146	17,000
Cut plate and structural	38	15,500	825	323,000
Tinned iron or steel	5	1,760	133	62,000
Remelting scrap ingots	3	4,330	73	96,800
Cast iron	29	8,620	566	254,000
Other iron and steel	124	45,600	2,670	1,170,000
Total carbon steel and cast iron	1,000	263,000	17,600	7,540,000
Stainless steel	60	45,700	940	1,150,000
Other alloy steel	107	70,800	1,580	1,280,000
Total stainless and alloy steel	167	116,000	2,520	2,420,000
Total carbon, stainless, alloy steel and cast iron	1,170	379,000	20,100	9,960,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	4	354
Used rails for rerolling and other uses	12	10,600	71	50,800
Total scrap exports	1,180	390,000	20,200	10,000,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	33	27	10,400
Pig iron > 0.5% phosphorus	--	--	(3)	32
Alloy pig iron	(3)	18	24	879
Total pig iron	(3)	51	51	11,300
Direct-reduced iron (DRI)	--	--	(3)	92
Spongy iron products, not DRI	(3)	366	14	7,560
Granules for abrasive cleaning and other uses	2	2,640	33	45,700
Powders of alloy steel	(3)	1,330	7	31,700
Other ferrous powders	8	7,930	105	107,000
Total DRI, granules, powders	11	12,300	159	192,000
Grand total	1,190	402,000	20,400	10,200,000

-- 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	October 2008		Year to date	
	Quantity	Value	Quantity	Value
Bahamas, The	(3)	27	4	1,220
Brazil	(3)	199	3	1,930
Canada	155	51,900	2,500	951,000
Denmark	--	--	15	11,300
Finland	--	--	17	4,780
Germany	1	498	4	5,300
Guadeloupe	--	--	8	2,150
Japan	(3)	72	28	2,690
Mexico	31	14,300	301	141,000
Netherlands	--	--	31	23,000
Netherlands Antilles	--	--	6	2,400
Panama	(3)	18	1	673
Sweden	(3)	19	88	44,000
United Kingdom	(3)	83	223	153,000
Other ⁴	1	648	12	15,900
Total	189	67,800	3,240	1,360,000

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.

³Less than ½ unit.

⁴Includes countries with year to date quantities of less than 500 metric tons.

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	November 2008		Year to date	
	Quantity	Value	Quantity	Value
Bahamas, The	--	--	4	1,220
Brazil	--	--	3	1,930
Canada	134	27,000	2,630	978,000
Denmark	--	--	15	11,300
Finland	--	--	17	4,780
Germany	(3)	122	5	5,420
Guadeloupe	--	--	8	2,150
Japan	(3)	157	28	2,840
Mexico	14	1,730	315	146,000
Netherlands	29	13,800	61	36,800
Netherlands Antilles	--	--	6	2,400
Panama	(3)	2	1	675
Sweden	--	--	88	44,000
United Kingdom	(3)	99	223	153,000
Other ⁴	(3)	3,130	12	16,000
Total	178	46,000	3,410	1,410,000

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.

³Less than ½ unit.

⁴Includes countries with year to date quantities of less than 500 metric tons.

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	October 2008		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	29	15,100	432	241,000
Charleston, SC	(3)	135	254	140,000
Chicago, IL	(3)	109	35	3,960
Detroit, MI	57	16,800	928	368,000
Duluth, MN	6	2,210	58	20,900
El Paso, TX	4	1,670	50	25,500
Great Falls, MT	1	561	55	22,300
Houston-Galveston, TX	2	3,680	30	35,000
Laredo, TX	12	5,260	61	43,200
New Orleans, LA	--	--	141	99,300
Ogdensburg, NY	2	2,470	17	21,000
Pembina, ND	(3)	791	68	34,800
San Diego, CA	12	3,650	173	48,100
Seattle, WA	57	13,700	740	183,000
Other	5	1,750	194	74,900
Total	189	67,800	3,240	1,360,000

-- Zero.

¹Includes tinsplate 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 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	November 2008		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	32	9,230	464	250,000
Charleston, SC	30	13,900	284	154,000
Chicago, IL	(3)	24	35	3,990
Detroit, MI	57	8,980	985	377,000
Duluth, MN	6	1,510	64	22,400
El Paso, TX	2	644	52	26,200
Great Falls, MT	2	441	57	22,700
Houston-Galveston, TX	(3)	1,000	30	36,000
Laredo, TX	11	2,340	72	45,500
New Orleans, LA	--	--	141	99,300
Ogdensburg, NY	2	1,210	19	22,300
Pembina, ND	2	362	70	35,100
San Diego, CA	(3)	405	174	48,500
Seattle, WA	33	5,250	773	188,000
Other	(3)	691	194	75,600
Total	178	46,000	3,410	1,410,000

-- Zero.

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

(Thousand metric tons and thousand dollars)

Item	October 2008		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	6	1,730	149	52,500
No. 2 heavy melting steel	1	236	33	11,200
No. 1 bundles	41	13,600	750	428,000
No. 2 bundles	3	736	34	7,760
Shredded steel scrap	23	3,940	391	121,000
Borings, shovelings and turnings	4	809	74	18,700
Cut plate and structural	9	1,790	149	40,700
Tinned iron or steel	1	367	25	6,750
Remelting scrap ingots	--	--	(3)	7
Cast iron	24	6,220	318	90,000
Other iron and steel	25	7,480	611	210,000
Total carbon steel and cast iron	137	36,900	2,530	987,000
Stainless steel	10	12,900	128	209,000
Other alloy steel	42	18,000	574	165,000
Total stainless and alloy steel	52	30,900	702	374,000
Total carbon, stainless, alloy steel and cast iron	189	67,800	3,240	1,360,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	18
Total scrap imports	189	67,800	3,240	1,360,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	650	496,000	4,400	2,440,000
Pig iron < or = 0.5% phosphorus	--	--	(3)	67
Alloy pig iron	--	--	(3)	31
Total pig iron	650	496,000	4,400	2,440,000
Direct-reduced iron (DRI)	243	110,000	2,210	902,000
Spongy iron products, not DRI	(3)	260	218	85,300
Granules for abrasive cleaning and other uses	2	1,670	32	24,500
Powders of alloy steel	5	9,600	55	90,100
Other ferrous powders	4	7,350	53	57,500
Total DRI, granules, powders	254	129,000	2,570	1,160,000
Grand total	1,090	693,000	10,200	4,960,000

-- 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	November 2008		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	7	1,710	157	54,200
No. 2 heavy melting steel	1	137	34	11,300
No. 1 bundles	74	21,100	824	449,000
No. 2 bundles	1	193	35	7,950
Shredded steel scrap	23	2,580	413	123,000
Borings, shovelings and turnings	1	316	75	19,100
Cut plate and structural	5	727	155	41,400
Tinned iron or steel	1	178	25	6,930
Remelting scrap ingots	--	--	(3)	7
Cast iron	18	3,280	337	93,300
Other iron and steel	25	3,560	636	214,000
Total carbon steel and cast iron	156	33,800	2,690	1,020,000
Stainless steel	7	5,610	136	215,000
Other alloy steel	15	6,650	587	171,000
Total stainless and alloy steel	22	12,300	723	386,000
Total carbon, stainless, alloy steel and cast iron	178	46,000	3,410	1,410,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	--	(3)	18
Total scrap imports	178	46,000	3,410	1,410,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	456	302,000	4,860	2,740,000
Pig iron > or = 0.5% phosphorus	--	--	(3)	67
Alloy pig iron	--	--	(3)	31
Total pig iron	456	302,000	4,860	2,740,000
Direct-reduced iron (DRI)	91	52,000	2,310	955,000
Spongy iron products, not DRI	(3)	330	219	85,600
Granules for abrasive cleaning and other uses	2	1,790	34	26,300
Powders of alloy steel	4	7,300	58	97,400
Other ferrous powders	4	6,350	57	63,800
Total DRI, granules, powders	101	67,800	2,670	1,230,000
Grand total	735	416,000	10,900	5,380,000

-- 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
2007:						
November	8,200	89,700	88.5	86.6	97.0	96.7
December	8,450	98,200	88.1	87.0	97.2	96.7
2008:						
January	8,920	8,920	90.3	90.3	96.8	96.8
February	8,220	17,100	91.6	90.9	97.1	96.9
March	8,600	25,700	89.7	90.5	97.0	96.9
April	8,380	34,100	90.3	90.5	96.6	96.8
May	8,730	42,800	91.1	90.6	97.1	96.9
June	8,370	51,200	90.3	90.5	97.2	96.9
July	8,520	59,700	88.8	90.3	97.5	97.0
August	8,670	68,400	90.4	90.3	97.4	97.1
September	7,840	76,200	84.5	89.7	97.2	97.1
October	6,760	83,000	70.5	88.0	96.3	97.0
November	4,700	87,700	50.7	84.7	96.5	97.0
December	3,920	91,600	40.9	80.9	96.2	96.9

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	
	\$/t	\$/t	\$/t	\$/t	\$/t	\$/t
2007:						
November	249.78	245.83	245.42	241.54	396.24	390.00
December	267.23	263.01	265.62	261.42	401.32	394.98
Average	253.51	249.51	251.33	247.36	384.78	378.70
2008:						
January	325.64	320.50	309.17	304.29	423.67	416.98
February	329.90	324.69	324.17	319.05	484.50	476.85
March	352.44	346.87	345.44	339.98	563.88	554.97
April	469.32	461.91	502.10	494.17	657.86	647.47
May	513.65	505.54	516.67	508.51	825.50	812.46
June	500.16	492.26	501.63	493.71	924.56	909.96
July	519.24	511.04	518.83	510.64	944.88	929.96
August	452.78	445.63	457.10	449.89	944.88	929.96
September	311.13	306.22	315.42	310.44	944.88	929.96
October	191.90	188.87	195.83	192.74	870.46	856.71
November	100.74	99.13	100.00	98.40	647.19	636.83
December	176.35	173.53	168.67	165.97	647.19	636.83
Average	353.60	348.02	354.59	348.98	739.95	728.25

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

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