

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN NOVEMBER AND DECEMBER 2007

On a daily average basis in November 2007, estimated consumption of iron and steel scrap was down slightly, net receipts of purchased scrap were down 4%, and home scrap production was the same as those of October, according to the U.S. Geological Survey. On a daily average basis in December, estimated consumption of iron and steel scrap was about the same, net receipts of purchased scrap were up slightly, and home scrap production was the same as those of November. Stocks of purchased and home scrap at the end of November were down 3% from those of the end of October, and about the same in December as those in November. 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 November was up 20% from that in October. Pig iron production in December on a daily average basis was up 7% from that in November. Pig iron consumption on a daily average basis in November was down 3% from that in October and up 6% in December from that in November. Stocks of pig iron at the end of November were up 5% from those at the end of October, and down 5% at the end of December from those at the end of November.

Exports of iron and steel scrap for the month of October increased 23% from those of September. China, Taiwan, and Malaysia were the leading countries of destination, accounting for 14%, 13%, and 12%, respectively, of the total tonnage of exports (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of iron and steel scrap exports, accounting for 26% of the total, followed by San Francisco, CA, with 12%, and Philadelphia, PA, 10% (table 7).

Exports of iron and steel scrap for the month of November increased 7% from those of October. Turkey, Taiwan, and China were the leading countries of destination, accounting for 22%, 13%, and 12% of the total tonnage of exports, respectively (table 6a). New York, NY, was the leading U.S. Customs district for tonnage of iron and steel scrap exports, accounting for 26% of the total, followed by Los Angeles, CA, 24%, and San Francisco, CA, with 6% (table 7a).

Imports of iron and steel scrap for October increased 13% from those of September. Canada was the leading country of origin, accounting for 86% of the total tonnage of imports, followed by Mexico, with 7%, and the United Kingdom, with 4% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 34% of the total, followed by Seattle, WA, with 27%, and Buffalo, NY, with 18% (table 10).

Imports of iron and steel scrap for November decreased 6% from those of October. Canada was the leading country of origin, accounting for 91% of the total tonnage of imports, followed by Mexico, with 7% (table 9a). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 38% of the total, followed by Buffalo, NY, with 21%, and Seattle, WA, with 19% (table 10a).

The daily average domestic raw steel production for November, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 273,000 metric tons (t), down slightly from 274,000 t in October, and up 11% from 247,000 t in November 2006 (table 12). The electric furnace portion of raw steel production for November was 60%, up from 58% in October 2007, and up from 57% in November 2006.

The daily average domestic raw steel production for December, as calculated from the AISI's monthly production data, amounted to 272,000 t, down slightly from 273,000 t in November, and up 20% from 227,000 t in December 2006 (table 12). The electric furnace portion of raw steel production for December was 58%, down from 60% in November, and down from 59% in December 2006.

Raw steel production capability utilization (AISI data) in November was 89%, the same as that in October, and up from 82% in November 2006. Raw steel production capability utilization (AISI data) in December was 88%, down from 89% in November, and up from 75% in December 2006 (table 12).

Continuous cast steel production in November accounted for 97% of total raw steel production, about the same as that in October, and about the same as that in November 2006. Continuous cast steel production in December accounted for 97% of total raw steel production, about the same as that in November 2007, and slightly up from 96% in December 2006.

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

(Thousand metric tons)

	November 2007			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	1,250	2,380	3,630	14,300	26,700	40,900
Receipts from other own company plants	18	218	236	313	2,420	2,730
Production recirculating scrap	346	305	651	4,470	3,470	7,930
Production obsolete scrap	W	W	6	W	W	77
Consumption (by type of furnace):						
Blast furnace	W	W	201	W	W	2,570
Basic oxygen process	W	W	714	W	W	8,400
Electric furnace	729	2,770	3,490	8,260	30,700	39,000
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,500	2,910	4,410	17,600	32,300	50,000
Shipments	W	W	110	W	W	1,110
Stocks end of month	1,550	2,160	3,710	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	W	W	895	W	W	9,560
Production	W	W	2,160	W	W	24,600
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,670	W	W	30,500
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,810	110	2,920	32,000	1,260	33,300
Shipments	W	W	W	W	W	W
Stocks end of month	W	W	761	XX	XX	XX
Direct-reduced iron:⁸						
Receipts	W	W	208	W	W	2,020
Production	--	--	--	W	--	W
Total consumption	W	W	208	W	W	1,830
Shipments	--	W	W	W	W	W
Stocks end of month	274	126	401	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 2007 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.

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 2007			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	1,300	2,510	3,800	15,500	29,200	44,700
Receipts from other own company plants	21	205	226	333	2,620	2,950
Production recirculating scrap	371	309	680	4,840	3,780	8,610
Production obsolete scrap	W	W	9	W	W	86
Consumption (by type of furnace):						
Blast furnace	W	W	202	W	W	2,780
Basic oxygen process	W	W	779	W	W	9,180
Electric furnace	823	2,800	3,620	9,080	33,500	42,600
Other (including air furnace) ⁶	W	--	W	W	--	W
Total consumption	1,670	2,930	4,600	19,300	35,300	54,600
Shipments	W	W	112	W	W	1,220
Stocks end of month	1,460	2,250	3,700	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	731	107	838	9,010	1,390	10,400
Production	W	W	2,390	W	W	27,000
Consumption (by type of furnace):						
Basic oxygen process	W	W	2,910	W	W	33,400
Direct castings ⁷	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	3,060	113	3,180	35,100	1,370	36,500
Shipments	W	W	W	W	W	W
Stocks end of month	W	W	723	XX	XX	XX
Direct-reduced iron:⁸						
Receipts	W	W	213	W	W	2,230
Production	--	--	--	W	--	W
Total consumption	W	W	216	W	W	2,040
Shipments	--	W	W	W	W	W
Stocks end of month	255	108	363	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 2007 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.

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 2007				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	57	W	60	W	400	W	658
Cut structural and plate	288	44	343	235	3,170	575	3,890
No. 1 heavy melting steel	358	150	512	443	4,020	1,710	5,700
No. 2 heavy melting steel	505	23	536	549	5,700	257	6,030
No. 1 and electric furnace bundles	263	W	334	281	3,150	W	3,880
No. 2 and all other bundles	70	W	72	29	745	W	764
Electric furnace 1 foot and under (not bundles)	W	W	W	--	2	W	W
Railroad rails	16	W	22	12	178	W	241
Turnings and borings	150	4	170	111	1,650	53	1,850
Slag scrap	79	70	111	155	778	836	1,300
Shredded and fragmentized	866	W	1,010	810	10,100	W	11,300
No. 1 busheling	384	19	406	361	4,550	187	4,720
Steel cans (post consumer)	11	--	11	4	119	--	119
All other carbon steel scrap	244	113	355	217	2,570	1,340	4,170
Stainless steel scrap	74	32	119	61	882	353	1,320
Alloy steel scrap	6	40	49	32	72	420	538
Ingot mold and stool scrap	W	W	4	13	W	W	48
Machinery and cupola cast iron	W	W	W	W	16	W	17
Cast iron borings	22	W	24	14	245	W	254
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	71	18	81	132	849	211	1,030
Other mixed scrap	167	22	184	115	1,680	341	2,110
Total	3,630	651	4,410	3,710	40,900	7,930	50,000

⁰Preliminary. 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 2007				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	60	W	61	W	460	W	719
Cut structural and plate	294	50	373	220	3,470	625	4,270
No. 1 heavy melting steel	366	151	523	429	4,390	1,860	6,220
No. 2 heavy melting steel	498	23	534	554	6,200	280	6,570
No. 1 and electric furnace bundles	344	W	343	357	3,490	W	4,230
No. 2 and all other bundles	74	W	75	29	818	W	839
Electric furnace 1 foot and under (not bundles)	W	W	W	W	W	W	W
Railroad rails	15	W	19	14	193	W	260
Turnings and borings	146	5	166	111	1,790	58	2,020
Slag scrap	76	74	119	154	854	910	1,420
Shredded and fragmentized	929	W	1,080	786	11,100	W	12,400
No. 1 busheling	408	19	446	341	4,950	206	5,170
Steel cans (post consumer)	10	--	10	3	129	--	129
All other carbon steel scrap	243	120	388	208	2,820	1,460	4,560
Stainless steel scrap	71	30	110	58	953	383	1,430
Alloy steel scrap	6	40	45	36	78	460	584
Ingot mold and stool scrap	W	W	4	13	W	W	52
Machinery and cupola cast iron	W	W	W	W	18	W	18
Cast iron borings	23	W	23	14	268	W	277
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	78	18	88	136	928	229	1,120
Other mixed scrap	161	26	192	107	1,840	367	2,300
Total	3,800	680	4,600	3,700	44,700	8,610	54,600

⁰Preliminary. 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 2007			Year to date ^{b, 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	366	147	579	4,250	1,640	6,540
North Central:						
Illinois and Indiana	369	134	479	4,030	1,900	5,520
Iowa, Minnesota, Nebraska, Wisconsin	142	4	159	1,660	37	1,810
Michigan	158	54	166	1,770	538	1,860
Ohio	538	102	617	6,390	1,340	7,790
Total	1,210	294	1,420	13,800	3,810	17,000
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	227	57	308	2,650	624	3,480
Florida, Georgia, North Carolina, South Carolina	283	13	331	3,240	170	3,550
Total	510	70	639	5,890	794	7,030
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	540	30	574	6,060	390	6,460
Arkansas, Louisiana, Oklahoma, Texas	700	58	849	7,550	682	9,070
Total	1,240	88	1,420	13,600	1,070	15,500
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	307	52	346	3,340	622	3,870
Grand total	3,630	651	4,410	40,900	7,930	50,000

^bPreliminary.

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 2007			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	386	150	600	4,630	1,790	7,140
North Central:						
Illinois and Indiana	402	135	502	4,430	2,030	6,020
Iowa, Minnesota, Nebraska, Wisconsin	142	3	156	1,800	40	1,970
Michigan	241	59	175	2,010	597	2,040
Ohio	525	111	670	6,910	1,450	8,460
Total	1,310	308	1,500	15,200	4,120	18,500
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	223	57	307	2,870	681	3,790
Florida, Georgia, North Carolina, South Carolina	287	23	348	3,530	193	3,900
Total	510	80	655	6,400	874	7,680
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	576	30	634	6,640	420	7,090
Arkansas, Louisiana, Oklahoma, Texas	717	58	866	8,260	741	9,930
Total	1,290	88	1,500	14,900	1,160	17,000
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	303	54	346	3,640	675	4,220
Grand total	3,800	680	4,600	44,700	8,610	54,600

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

(Thousand metric tons)

Item	November 2007					Year to date 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	16	W	W	W	W	176	W	W	W	W
Cut structural and plate	40	86	80	76	W	421	1,030	871	775	W
No. 1 heavy melting steel	50	94	29	155	29	563	1,140	342	1,620	363
No. 2 heavy melting steel	W	161	77	230	W	W	2,050	794	2,460	W
No. 1 and electric furnace bundles	16	175	22	47	W	207	2,030	267	608	W
No. 2 and all other bundles	12	31	5	21	W	144	315	47	216	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	W	--	W	--
Railroad rails	W	W	W	8	W	W	W	W	90	W
Turnings and borings	15	40	20	69	5	153	454	202	768	70
Slag scrap	11	28	W	22	W	121	243	W	213	W
Shredded and fragmented	61	173	194	362	W	695	2,010	2,340	4,160	945
No. 1 busheling	59	152	18	150	W	698	1,770	290	1,770	W
Steel cans (post consumer)	W	5	--	W	W	W	61	--	W	W
All other carbon steel scrap	29	166	W	42	W	372	1,790	W	341	W
Stainless steel scrap	35	14	--	W	--	448	154	--	W	--
Alloy steel scrap	2	3	--	W	--	28	30	--	W	--
Ingot mold and stool scrap	--	--	--	W	W	W	--	--	W	--
Machinery and cupola cast iron	W	W	W	--	--	W	W	W	--	--
Cast iron borings	W	W	W	6	W	W	W	25	68	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	W	26	W	W	W	W	332	393	W	W
Other mixed scrap	W	W	W	14	W	W	122	W	89	W
Total	366	1,210	510	1,240	307	4,250	13,800	5,890	13,600	3,340

⁰Preliminary. 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 2007					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	15	W	W	W	W	191	W	W	W	W
Cut structural and plate	35	93	78	81	W	456	1,130	950	856	W
No. 1 heavy melting steel	51	106	30	149	30	614	1,240	372	1,770	393
No. 2 heavy melting steel	W	154	71	236	W	W	2,210	865	2,690	W
No. 1 and electric furnace bundles	17	253	24	46	W	224	2,280	291	654	W
No. 2 and all other bundles	14	32	5	22	W	157	346	51	238	W
Electric furnace 1 foot and under (not bundles)	--	--	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	8	W	W	W	W	98	W
Turnings and borings	13	42	14	71	5	167	496	217	839	74
Slag scrap	11	27	W	20	W	132	270	W	233	W
Shredded and fragmentized	60	182	206	402	79	756	2,190	2,540	4,560	1,020
No. 1 busheling	77	151	18	157	W	775	1,920	308	1,920	W
Steel cans (post consumer)	W	5	--	W	W	W	67	--	W	W
All other carbon steel scrap	37	163	W	38	W	409	1,950	W	379	W
Stainless steel scrap	34	11	--	W	--	482	165	--	W	--
Alloy steel scrap	2	3	--	W	--	30	32	--	W	--
Ingot mold and stool scrap	W	--	--	W	--	W	--	--	W	--
Machinery and cupola cast iron	--	W	W	--	--	W	W	W	--	--
Cast iron borings	W	W	W	6	W	W	W	27	73	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	W	31	36	W	W	W	363	429	W	W
Other mixed scrap	W	7	W	16	W	W	130	W	105	W
Total	386	1,310	511	1,290	303	4,630	15,200	6,400	14,900	3,640

^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 3a.

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 2007					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	16	W	W	W	W	177	W	W	W	W
Cut structural and plate	51	98	102	85	W	559	1,250	1,170	839	W
No. 1 heavy melting steel	90	132	40	199	51	987	1,640	407	2,050	618
No. 2 heavy melting steel	14	172	77	242	W	158	2,040	778	2,710	W
No. 1 and electric furnace bundles	30	229	21	49	W	343	2,640	264	599	W
No. 2 and all other bundles	12	31	5	22	W	144	322	46	228	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	11	W	W	W	W	115	W
Turnings and borings	32	43	19	71	5	344	499	194	748	64
Slag scrap	18	36	W	39	W	191	478	W	435	W
Shredded and fragmentized	88	183	257	408	78	990	2,090	2,750	4,550	917
No. 1 busheling	62	153	19	167	W	761	1,810	289	1,840	W
Steel cans (post consumer)	W	5	W	W	W	W	61	W	W	W
All other carbon steel scrap	67	188	39	57	W	775	2,310	435	615	W
Stainless steel scrap	58	24	--	W	--	677	242	W	W	--
Alloy steel scrap	14	W	--	W	--	164	W	--	W	--
Ingot mold and stool scrap	W	W	--	W	--	W	W	--	W	--
Machinery and cupola cast iron	W	W	W	--	--	W	W	W	--	--
Cast iron borings	W	W	W	6	W	W	W	23	68	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	W	27	36	W	W	W	417	401	W	W
Other mixed scrap	W	13	W	17	W	W	250	W	158	W
Total	579	1,420	639	1,420	346	6,540	17,000	7,030	15,500	3,870

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 2007					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	15	W	W	W	W	192	W	W	W	W
Cut structural and plate	48	117	113	88	W	607	1,370	1,280	927	W
No. 1 heavy melting steel	90	154	36	191	51	1,080	1,790	443	2,240	669
No. 2 heavy melting steel	14	171	71	247	W	172	2,210	849	2,960	W
No. 1 and electric furnace bundles	30	226	26	57	W	373	2,860	290	656	W
No. 2 and all other bundles	14	32	5	23	W	157	353	51	252	W
Electric furnace 1 foot and under (not bundles)	--	W	--	--	--	--	W	--	W	--
Railroad rails	W	W	W	8	W	W	W	W	123	W
Turnings and borings	32	45	15	69	5	377	544	209	817	69
Slag scrap	18	45	W	38	W	209	524	W	473	W
Shredded and fragmented	90	190	266	457	78	1,080	2,280	3,020	5,000	994
No. 1 busheling	80	154	21	186	W	841	1,960	310	2,020	W
Steel cans (post consumer)	W	6	W	W	W	W	67	W	W	W
All other carbon steel scrap	78	211	39	57	W	852	2,520	474	672	W
Stainless steel scrap	53	20	--	W	--	730	262	W	W	--
Alloy steel scrap	14	30	--	W	--	177		--	W	--
Ingot mold and stool scrap	W	W	--	W	--	W	W	--	W	--
Machinery and cupola cast iron	--	W	W	--	--	W	W	W	--	--
Cast iron borings	W	W	W	6	W	W	W	25	74	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	W	32	37	W	W	W	449	437	W	W
Other mixed scrap	W	17	W	20	W	W	267	W	178	W
Total	600	1,500	653	1,500	346	7,140	18,500	7,680	17,000	4,220

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 2007		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Argentina	(3)	140	3	681
Aruba	--	--	(3)	66
Bahamas, The	(3)	107	12	2,390
Belize	--	--	(3)	156
Bermuda	(3)	19	(3)	66
Brazil	1	453	4	4,050
Canada	132	33,900	1,220	301,000
Cayman Islands	(3)	27	(3)	56
Chile	(3)	7	2	431
Colombia	4	1,120	91	24,100
Dominican Republic	(3)	56	6	1,250
El Salvador	--	--	(3)	242
Guatemala	--	--	(3)	45
Mexico	61	14,400	725	181,000
Netherlands Antilles	--	--	14	6,930
Panama	1	178	4	613
Peru	--	--	(3)	89
Suriname	--	--	1	295
Trinidad and Tobago	(3)	75	2	497
Turks & Caicos Islands	--	--	(3)	10
Venezuela	--	--	2	316
Other	1	147	2	384
Total	201	50,600	2,090	525,000
Africa, Europe, Middle East:				
Austria	(3)	142	1	1,640
Belgium	(3)	158	7	7,930
Czech Republic	(3)	18	1	546
Egypt	56	17,700	437	126,000
Finland	--	--	31	114,000
France	(3)	755	2	5,130
Germany	(3)	18	3	1,880
Greece	30	8,470	340	95,400
Hungary	(3)	61	2	502
Ireland	1	228	2	712
Israel	--	--	1	744
Italy	1	446	167	49,500
Kenya	--	--	9	2,150
Netherlands	1	599	11	26,600
Pakistan	12	3,720	186	52,800
Portugal	--	--	21	5,660
Saudi Arabia	--	--	42	11,600
South Africa	(3)	8	(3)	160
Spain	(3)	442	60	147,000
Sweden	1	3,110	4	11,200
Switzerland	(3)	71	3	2,470
Turkey	158	54,300	2,680	740,000
United Kingdom	1	913	14	9,680
Other	1	184	3	2,590
Total	263	91,300	4,030	1,420,000
Asia, Australia, Oceania:				
Australia	(3)	63	1	527
Bangladesh	13	4,850	103	33,600
China	195	168,000	2,090	1,570,000
Hong Kong	38	14,800	235	80,700
India	104	41,100	573	255,000

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)

Region and country	October 2007		Year to date	
	Quantity	Value	Quantity	Value
Asia, Australia, Oceania--Continued:				
Indonesia	12	4,820	142	50,800
Japan	9	16,700	186	222,000
Korea, Republic of	148	54,400	1,120	474,000
Malaysia	169	47,600	1,100	314,000
Singapore	2	854	21	6,650
Taiwan	182	86,200	1,260	539,000
Thailand	61	16,600	598	171,000
Vietnam	16	5,120	111	34,000
Other	(3)	140	(3)	925
Total	949	461,000	7,540	3,750,000
Grand total	1,410	603,000	13,700	5,690,000

-- 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	November 2007		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Argentina	(3)	39	3	720
Aruba	(3)	7	(3)	72
Bahamas, The	(3)	7	12	2,400
Belize	(3)	13	(3)	169
Bermuda	--	--	(3)	66
Brazil	(3)	245	4	4,300
Canada	113	28,300	1,330	329,000
Cayman Islands	--	--	(3)	56
Chile	(3)	8	2	439
Colombia	4	1,110	95	25,200
Dominican Republic	(3)	6	6	1,260
El Salvador	--	--	(3)	242
Guatemala	--	--	(3)	45
Mexico	99	29,900	824	211,000
Netherlands Antilles	(3)	50	14	6,980
Panama	(3)	3	3	616
Peru	(3)	31	(3)	120
Suriname	(3)	4	1	299
Trinidad and Tobago	1	351	3	848
Turks and Caicos Islands	--	--	(3)	10
Venezuela	--	--	1	316
Other	1	887	6	1,270
Total	222	60,900	2,310	586,000
Africa, Europe, Middle East:				
Austria	(3)	247	1	1,880
Belgium	(3)	499	7	8,430
Czech Republic	(3)	11	1	557
Egypt	34	9,310	471	136,000
Finland	6	15,300	37	130,000
France	--	--	2	5,130
Germany	(3)	26	3	1,900
Greece	--	--	340	95,400
Hungary	(3)	17	1	519
Ireland	(3)	13	2	726
Israel	--	--	1	744
Italy	(3)	393	168	49,900
Kenya	--	--	9	2,150
Netherlands	(3)	422	11	27,000
Pakistan	19	7,240	205	60,000
Portugal	(3)	13	21	5,670
Saudi Arabia	1	150	42	11,700
South Africa	--	--	(3)	160
Spain	(3)	150	61	148,000
Sweden	1	2,740	5	14,000
Switzerland	(3)	80	3	2,550
Turkey	335	93,800	3,010	833,000
United Kingdom	1	445	15	10,100
Other	1	370	7	2,960
Total	400	131,000	4,430	1,550,000
Asia, Australia, Oceania:				
Australia	(3)	476	1	1,000
Bangladesh	7	2,450	110	36,100
China	186	163,000	2,270	1,740,000
Hong Kong	10	9,900	244	90,600
India	112	44,100	685	299,000

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	November 2007		Year to date	
	Quantity	Value	Quantity	Value
Asia, Australia, Oceania--Continued:				
Indonesia	52	17,500	194	68,293
Japan	7	15,300	193	237,607
Korea, Republic of	140	50,400	1,260	524,102
Malaysia	66	19,400	1,170	333,081
Singapore	3	1,080	24	7,729
Taiwan	192	83,800	1,450	622,574
Thailand	95	27,700	692	198,431
Vietnam	21	7,170	132	41,146
Other	(3)	353	2	1,277
Total	891	442,000	8,430	4,200,000
Grand total	1,510	634,000	15,200	6,330,000

-- 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}

(Thousand metric tons and thousand dollars)

Region and customs district	October 2007		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	21	7,780	147	63,400
Chicago, IL	1	1,080	7	4,100
Cleveland, OH	(3)	18	1	399
Detroit, MI	32	8,410	274	70,900
Duluth, MN	5	1,320	41	10,900
Great Falls, MT	1	271	22	5,120
Milwaukee, WI	(3)	7	(3)	7
Minneapolis, MN	(3)	4	27	18,200
Ogdensburg, NY	8	3,130	70	23,000
Pembina, ND	39	9,790	444	107,000
Other ⁴	12	1,170	133	12,600
Total	120	33,000	1,170	315,000
East Coast:				
Baltimore, MD	9	14,300	38	67,600
Boston, MA	83	23,400	937	269,000
Charleston, SC	20	10,500	195	87,100
Charlotte, NC	4	2,240	55	22,100
Miami, FL	11	7,370	224	87,600
New York, NY	143	75,600	2,050	938,000
Norfolk, VA	11	7,600	196	87,100
Philadelphia, PA	144	45,500	936	272,000
Portland, ME	2	602	96	32,700
Providence, RI	30	8,470	442	121,000
Savannah, GA	17	12,300	182	116,000
St. Albans, VT	11	3,250	78	22,200
Other ⁴	--	--	(3)	16
Total	485	211,000	5,430	2,120,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
Dallas-Fort Worth, TX	(3)	11	(3)	45
El Paso, TX	(3)	139	40	2,270
Houston-Galveston, TX	11	9,030	144	121,000
Laredo, TX	37	7,200	262	64,000
Mobile, AL	11	4,530	62	25,400
New Orleans, LA	4	9,570	270	200,000
Nogales, AZ	--	--	33	9,080
San Juan, PR	11	3,320	148	44,800
Tampa, FL	27	9,690	442	133,000
Total	101	43,500	1,400	600,000
West Coast and Hawaii:				
Columbia-Snake, OR	102	35,800	728	240,000
Honolulu, HI and Anchorage, AK	6	1,320	143	35,600
Los Angeles, CA	371	205,000	3,140	1,800,000
San Diego, CA	3	1,020	49	10,500
San Francisco, CA	165	48,900	947	324,000
Seattle, WA	60	22,700	655	250,000
Total	707	315,000	5,660	2,660,000
Grand total	1,410	603,000	13,700	5,690,000

-- 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.

⁴Includes 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}

(Thousand metric tons and thousand dollars)

Region and customs district	November 2007		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	15	5,760	162	69,100
Chicago, IL	1	721	8	4,820
Cleveland, OH	(3)	66	1	465
Detroit, MI	37	9,090	311	80,000
Duluth, MN	3	659	44	11,500
Great Falls, MT	(3)	90	23	5,210
Milwaukee, WI	--	--	(3)	7
Minneapolis, MN	--	--	27	18,200
Ogdensburg, NY	7	2,320	77	25,300
Pembina, ND	31	7,550	474	114,000
Other ⁴	10	1,000	143	13,600
Total	104	27,300	1,270	343,000
East Coast:				
Baltimore, MD	9	11,100	47	78,600
Boston, MA	85	25,500	1,020	294,000
Charleston, SC	14	6,950	209	94,000
Charlotte, NC	4	1,950	58	24,100
Miami, FL	9	6,550	233	94,100
New York, NY	392	148,000	2,440	1,090,000
Norfolk, VA	48	17,000	244	104,000
Philadelphia, PA	65	18,500	1,000	291,000
Portland, ME	9	3,020	105	35,700
Providence, RI	34	9,310	476	130,000
Savannah, GA	17	12,000	199	128,000
St. Albans, VT	9	2,730	87	25,000
Other	--	--	(3)	16
Total	695	263,000	6,120	2,390,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
Dallas-Fort Worth, TX	--	14	(3)	59
El Paso, TX	4	313	44	2,580
Houston-Galveston, TX	19	12,100	163	133,000
Laredo, TX	21	7,460	283	71,500
Mobile, AL	7	3,040	69	28,400
New Orleans, LA	(3)	139	270	201,000
Nogales, AZ	--	--	33	9,080
San Juan, PR	9	2,910	157	47,700
Tampa, FL	47	14,900	489	147,000
Total	107	40,900	1,510	641,000
West Coast and Hawaii:				
Columbia-Snake, OR	73	25,100	800	265,000
Honolulu, HI and Anchorage, AK	30	9,680	173	45,300
Los Angeles, CA	363	217,000	3,500	2,020,000
San Diego, CA	4	894	53	11,400
San Francisco, CA	93	30,500	1,040	354,000
Seattle, WA	44	20,000	699	270,000
Total	607	303,000	6,260	2,960,000
Grand total	1,510	634,000	15,200	6,330,000

-- 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.

⁴Includes 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	October 2007		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	237	82,900	2,690	764,000
No. 2 heavy melting steel	23	5,210	240	56,400
No. 1 bundles	6	1,660	109	21,900
No. 2 bundles	3	942	37	8,540
Shredded steel scrap	503	147,000	4,000	1,120,000
Borings, shovelings and turnings	3	504	53	9,630
Cut plate and structural	45	13,000	590	166,000
Tinned iron or steel	36	7,520	411	69,700
Remelting scrap ingots	6	8,620	36	55,200
Cast iron	71	22,500	1,040	346,000
Other iron and steel	213	73,600	2,150	710,000
Total carbon steel and cast iron	1,150	363,000	11,300	3,320,000
Stainless steel	79	115,000	716	1,370,000
Other alloy steel	188	124,000	1,590	997,000
Total stainless and alloy steel	267	240,000	2,310	2,370,000
Total carbon, stainless, alloy steel and cast iron	1,410	603,000	13,700	5,690,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	143	23,700
Used rails for rerolling and other uses	7	5,190	81	59,000
Total scrap exports	1,420	608,000	13,900	5,780,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	90	10	3,720
Pig iron > 0.5% phosphorus	--	--	(3)	22
Alloy pig iron	--	--	60	505
Total pig iron	(3)	90	70	4,250
Direct-reduced iron (DRI)	--	--	(3)	23
Spongy iron products, not DRI	(3)	172	3	1,700
Granules for abrasive cleaning and other uses	3	4,650	21	28,400
Powders of alloy steel	1	2,000	7	22,200
Other ferrous powders	8	7,540	80	78,900
Total DRI, granules, powders	12	14,400	111	131,000
Grand total	1,430	622,000	14,100	5,910,000

-- 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 2007		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	351	99,700	3,040	864,000
No. 2 heavy melting steel	31	9,190	271	65,600
No. 1 bundles	11	3,160	120	25,100
No. 2 bundles	3	1,030	39	9,570
Shredded steel scrap	548	162,000	4,540	1,280,000
Borings, shovelings and turnings	2	399	56	10,000
Cut plate and structural	73	21,200	662	187,000
Tinned iron or steel	8	3,480	419	73,200
Remelting scrap ingots	5	6,950	41	62,100
Cast iron	45	16,400	1,080	362,000
Other iron and steel	217	76,700	2,360	787,000
Total carbon steel and cast iron	1,290	400,000	12,600	3,720,000
Stainless steel	83	131,000	799	1,510,000
Other alloy steel	136	103,000	1,730	1,100,000
Total stainless and alloy steel	219	234,000	2,530	2,610,000
Total carbon, stainless, alloy steel and cast iron	1,510	634,000	15,200	6,330,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	21	143	23,700
Used rails for rerolling and other uses	13	8,530	95	67,500
Total scrap exports	1,530	643,000	15,400	6,420,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	83	10	3,800
Pig iron > 0.5% phosphorus	--	--	(3)	23
Alloy pig iron	(3)	19	60	524
Total pig iron	(3)	102	70	4,350
Direct-reduced iron (DRI)	--	--	(3)	23
Spongy iron products, not DRI	(3)	129	3	1,830
Granules for abrasive cleaning and other uses	3	3,210	24	31,600
Powders of alloy steel	(3)	2,210	8	24,400
Other ferrous powders	8	7,960	87	86,900
Total DRI, granules, powders	11	13,500	122	145,000
Grand total	1,540	657,000	15,600	6,570,000

-- 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 2007		Year to date	
	Quantity	Value	Quantity	Value
Argentina	--	--	(3)	1,030
Bahamas, The	(3)	20	5	824
Belgium	--	--	32	10,300
Canada	258	63,500	2,480	608,000
Cayman Islands	5	1,020	9	1,820
China	--	--	(3)	160
Colombia	(3)	46	(3)	1,560
Costa Rica	(3)	45	(3)	232
Dominican Republic	(3)	89	11	3,320
Ecuador	(3)	30	(3)	296
Egypt	(3)	290	2	1,350
El Salvador	(3)	11	(3)	123
Finland	1	107	3	3,490
Germany	(3)	12	2	381
Guatemala	(3)	99	(3)	766
Japan	--	--	(3)	1,380
Malaysia	--	--	1	328
Mexico	20	10,900	245	113,000
Netherlands	--	--	62	23,000
Nicaragua	--	--	(3)	124
Norway	(3)	95	1	363
Panama	(3)	38	(3)	428
Russia	--	--	(3)	17
Singapore	--	--	(3)	28
Spain	--	--	(3)	284
Sweden	--	--	77	25,500
Taiwan	--	--	(3)	119
Trinidad and Tobago	--	--	(3)	415
United Kingdom	11	2,020	178	64,000
Venezuela	(3)	182	(3)	691
Other	2	629	20	1,930
Total	299	79,100	3,130	865,000

-- 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 1/2 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	November 2007		Year to date	
	Quantity	Value	Quantity	Value
Argentina	(3)	136	(3)	1,160
Bahamas, The	(3)	41	5	865
Belgium	--	--	32	10,300
Canada	256	67,000	2,730	675,000
Cayman Islands	--	--	9	1,820
China	--	--	1	160
Colombia	--	--	(3)	1,560
Costa Rica	(3)	30	(3)	261
Dominican Republic	(3)	327	11	3,650
Ecuador	(3)	64	(3)	360
Egypt	(3)	32	2	1,380
El Salvador	(3)	18	(3)	142
Finland	(3)	--	3	3,490
Germany	(3)	83	2	464
Guatemala	(3)	63	(3)	829
Japan	(3)	13	1	1,400
Malaysia	--	--	1	328
Mexico	19	11,400	264	125,000
Netherlands	--	--	62	23,000
Nicaragua	--	--	(3)	124
Norway	(3)	2	1	365
Panama	(3)	54	(3)	482
Russia	(3)	12	(3)	29
Singapore	--	--	(3)	28
Spain	(3)	104	(3)	389
Sweden	--	--	77	25,500
Taiwan	--	--	(3)	119
Trinidad and Tobago	(3)	36	(3)	451
United Kingdom	3	1,430	181	65,400
Venezuela	--	--	(3)	691
Other	(3)	576	22	2,690
Total	280	81,500	3,410	947,000

-- 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	October 2007		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	55	19,300	481	175,000
Charleston, SC	(3)	12	214	74,700
Chicago, IL	(3)	290	53	5,450
Detroit, MI	103	26,100	1,070	272,000
Duluth, MN	7	1,810	42	10,800
El Paso, TX	4	2,000	34	10,600
Great Falls, MT	11	3,100	59	17,100
Houston-Galveston, TX	2	2,200	18	41,900
Laredo, TX	4	3,730	32	34,300
New Orleans, LA	--	--	126	45,500
Pembina, ND	8	2,860	82	20,900
San Diego, CA	11	2,880	160	32,500
Seattle, WA	80	10,700	663	96,500
Other	14	4,130	94	27,200
Total	299	79,100	3,130	865,000

-- 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 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 2007		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	58	22,900	539	198,000
Charleston, SC	(3)	731	214	75,500
Chicago, IL	5	888	58	6,340
Detroit, MI	106	26,400	1,180	299,000
Duluth, MN	11	2,340	52	13,200
El Paso, TX	3	1,260	38	11,900
Great Falls, MT	9	2,550	68	19,600
Houston-Galveston, TX	1	3,600	19	45,500
Laredo, TX	5	4,470	37	38,800
New Orleans, LA	--	--	126	45,500
Pembina, ND	5	1,650	87	22,600
San Diego, CA	9	2,360	169	34,900
Seattle, WA	53	7,490	716	104,000
Other	15	4,820	109	32,000
Total	280	81,500	3,410	947,000

-- 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 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 2007		Year to date ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	11	2,190	109	20,200
No. 2 heavy melting steel	4	733	53	11,700
No. 1 bundles	58	16,400	740	221,000
No. 2 bundles	2	244	11	1,350
Shredded steel scrap	33	5,670	454	103,000
Borings, shovelings and turnings	12	1,900	81	11,900
Cut plate and structural	15	2,800	115	21,300
Tinned iron or steel	(4)	137	5	1,150
Remelting scrap ingots	--	--	8	250
Cast iron	26	5,680	261	58,600
Other iron and steel	55	13,600	597	147,000
Total carbon steel and cast iron	216	49,400	2,430	598,000
Stainless steel	9	15,300	95	149,000
Other alloy steel	74	14,400	598	119,000
Total stainless and alloy steel	83	29,700	693	268,000
Total carbon, stainless, alloy steel and cast iron	299	79,100	3,130	865,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	34	(4)	125
Total scrap imports	299	79,100	3,130	866,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	591	198,000	4,430	1,390,000
Alloy pig iron	(4)	4	(4)	31
Total pig iron	591	198,000	4,430	1,390,000
Direct-reduced iron (DRI)	304	72,100	1,990	448,000
Spongy iron products, not DRI	(4)	118	143	40,300
Granules for abrasive cleaning and other uses	2	1,480	19	14,600
Powders of alloy steel	5	7,580	51	77,500
Other ferrous powders	7	8,070	81	61,900
Total DRI, granules, powders	318	89,400	2,280	642,000
Grand total	1,210	366,000	9,840	2,900,000

-- Zero.

¹Import valuation is on a Customs basis.

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

³Prior months' data may have been revised.

⁴Less 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 2007		Year to date ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	13	2,620	122	22,800
No. 2 heavy melting steel	3	750	56	12,500
No. 1 bundles	63	17,300	804	238,000
No. 2 bundles	2	244	13	1,600
Shredded steel scrap	29	5,290	483	108,000
Borings, shovelings and turnings	10	1,710	90	13,600
Cut plate and structural	15	2,610	130	23,900
Tinned iron or steel	(4)	284	6	1,440
Remelting scrap ingots	(4)	62	8	312
Cast iron	25	5,580	286	64,200
Other iron and steel	63	16,500	660	164,000
Total carbon steel and cast iron	224	53,000	2,660	650,000
Stainless steel	10	18,400	105	168,000
Other alloy steel	46	10,100	645	129,000
Total stainless and alloy steel	56	28,500	750	297,000
Total carbon, stainless, alloy steel and cast iron	280	81,500	3,410	947,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	26	(4)	151
Total scrap imports	280	81,500	3,410	947,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	440	146,000	4,870	1,540,000
Alloy pig iron	--	--	(4)	31
Total pig iron	440	146,000	4,870	1,540,000
Direct-reduced iron (DRI)	94	22,900	2,080	471,000
Spongy iron products, not DRI	36	10,500	179	50,900
Granules for abrasive cleaning and other uses	2	1,470	21	16,000
Powders of alloy steel	5	6,780	56	84,300
Other ferrous powders	6	6,430	86	68,300
Total DRI, granules, powders	143	48,100	2,430	690,000
Grand total	863	275,000	10,700	3,180,000

-- Zero.

¹Import valuation is on a Customs basis.

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

³Prior months' data may have been revised.

⁴Less 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
2006:						
November	7,410	91,500	81.5	89.0	96.5	96.7
December	7,040	98,600	75.0	87.9	96.3	96.7
2007:						
January	7,540	7,540	78.2	78.2	96.1	96.1
February	7,630	15,200	87.8	82.7	96.6	96.3
March	8,330	23,500	86.3	83.0	96.6	96.4
April	8,210	31,700	85.0	84.3	96.7	96.5
May	8,520	40,200	88.4	85.1	96.7	96.5
June	8,240	48,500	88.6	85.7	96.5	96.5
July	8,270	56,800	87.0	85.9	97.2	96.6
August	8,340	65,100	87.7	86.1	96.8	96.6
September	7,960	73,000	86.5	86.1	96.7	96.6
October	8,480	81,500	88.5	86.4	96.9	96.3
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

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
2006:						
November	202.05	198.86	198.92	195.77	302.26	297.49
December	209.73	206.42	205.42	202.17	309.88	304.98
Average	222.42	218.91	217.45	214.02	306.84	302.00
2007:						
January	226.48	222.90	220.40	216.92	330.71	325.49
February	250.35	246.40	245.50	241.62	358.14	352.48
March	295.76	291.09	289.17	284.60	381.64	375.61
April	280.70	276.27	271.67	267.38	392.68	386.48
May	245.39	241.51	240.83	237.03	381.00	374.98
June	244.70	240.84	240.83	237.03	370.84	364.98
July	241.00	237.19	239.23	235.45	371.35	365.49
August	253.35	249.35	253.84	249.83	383.54	377.48
September	264.25	260.08	263.42	259.26	387.35	381.23
October	262.39	258.25	261.43	257.30	386.59	380.48
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	256.78	252.73	253.11	249.12	378.45	372.47

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

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