

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN SEPTEMBER AND OCTOBER 2007

On a daily average basis in September 2007, estimated consumption of iron and steel scrap was up 4%, net receipts of purchased scrap were up 3%, and home scrap production was up 4% from those of August, according to the U.S. Geological Survey. On a daily average basis in October, estimated consumption of iron and steel scrap was down slightly, net receipts of purchased scrap were up 5%, and home scrap production was down 8% from those of September. Stocks of purchased and home scrap at the end of September were down slightly from those of the end of August, and 5% greater in October than those in September. 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 non-respondents to this survey.

On a daily average basis, pig iron production in September was up 4% from that in August. Pig iron production in October on a daily average basis was down 22% from that in September. Pig iron consumption on a daily average basis in September was up 5% from that in August and down slightly in October from that in September. Stocks of pig iron at the end of September were down slightly from those at the end of August, and up 16% at the end of October from those at the end of September.

Exports of iron and steel scrap for the month of August increased 3% from those of July. Turkey, China, and Taiwan were the leading countries of destination, accounting for 15%, 15%, and 11%, 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 25% of the total, followed by New York, NY, with 13%, and Columbia-Snake, OR, 12% (table 7).

Exports of iron and steel scrap for the month of September decreased 24% from those of August. Turkey, China, and Taiwan were the leading countries of destination, accounting for 20%, 16%, and 14% of the total tonnage of exports, respectively (table 6a). Los Angeles, CA, was the leading U.S. Customs district for tonnage of iron and steel scrap exports, accounting for 25% of the total, followed by New York, NY, 14%, and Seattle, WA, with 10% (table 7a).

Imports of iron and steel scrap for August increased 11% from those of July. Canada was the leading country of origin,

accounting for 77% of the total tonnage of imports, followed by Sweden, with 12%, and Mexico, with 9%. Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 35% of the total, followed by Seattle, WA, with 24%, and Buffalo, NY, with 13% (table 10).

Imports of iron and steel scrap for September decreased 12% from those of August. Canada was the leading country of origin, accounting for 92% 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 37% of the total, followed by Seattle, WA, with 21%, and Buffalo, NY, with 15% (table 10a).

The daily average domestic raw steel production for September, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 265,000 metric tons (t), down slightly from 269,000 t in August, and down 6% from 281,000 t in September 2006 (table 12). The electric furnace portion of raw steel production for September was 59%, the same as that in August 2007, and up from 57% in September 2006.

The daily average domestic raw steel production for October, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 274,000 t, up 3% from 265,000 in September, and up 5% from 261,000 t in October 2006 (table 12). The electric furnace portion of raw steel production for October was 59%, about the same as in September, and up from 57% in October 2006.

Raw steel production capability utilization (AISI data) in September was 87%, down slightly from 88% in August, and down from 91% in September 2006 (table 12). Raw steel production capability utilization (AISI data) in October was 89%, up from 87% in September, and up from 86% in October 2006 (table 12).

Continuous cast steel production in September accounted for 97% of total raw steel production, about the same as that in August, and about the same as that in September 2006. Continuous cast steel production in October accounted for 97% of total raw steel production, about the same as that in September 2007, and that in October 2006.

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

(Thousand metric tons)

	September 2007			Year to date		
	Integrated steel producers <sup>3</sup>	Electric furnace steel producers <sup>4</sup>	Total for steel producers	Integrated steel producers <sup>3</sup>	Electric furnace steel producers <sup>4</sup>	Total for steel producers
<b>Scrap:</b>						
Receipts from dealers and other sources	1,300	2,310	3,610	11,600	21,800	33,400
Receipts from other own company plants	33	265	298	265	1,980	2,240
Production recirculating scrap	410	315	725	3,760	2,860	6,610
Production obsolete scrap	W	W	6	W	W	62
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	208	W	W	2,150
Basic oxygen process	W	W	761	W	W	6,920
Electric furnace	762	2,780	3,540	6,700	25,200	31,900
Other (including air furnace) <sup>5</sup>	W	--	W	W	--	W
Total consumption	1,620	2,900	4,510	14,400	26,500	40,900
Shipments	W	W	98	W	W	891
Stocks end of month	1,490	2,150	3,640	12,300	19,400	31,800
<b>Pig iron (includes hot metal):</b>						
Receipts	W	W	808	W	W	7,290
Production	W	W	2,310	W	W	20,600
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	2,770	W	W	25,000
Direct castings <sup>6</sup>	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,920	109	3,030	26,200	1,040	27,300
Shipments	W	W	W	W	W	W
Stocks end of month	W	W	624	XX	XX	XX
<b>Direct-reduced iron:<sup>7</sup></b>						
Receipts	W	W	191	W	W	1,640
Production	--	--	--	W	--	W
Total consumption	W	W	170	W	W	1,450
Shipments	W	W	W	W	W	W
Stocks end of month	312	103	416	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.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings. September 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.

<sup>3</sup>Includes data for electric furnaces operated by integrated steel producers.

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

<sup>5</sup>Includes vacuum melting furnaces and miscellaneous uses.

<sup>6</sup>Includes ingot molds and stools.

<sup>7</sup>Includes 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<sup>1,2</sup>

(Thousand metric tons)

	October 2007			Year to date		
	Integrated steel producers <sup>3</sup>	Electric furnace steel producers <sup>4</sup>	Total for steel producers	Integrated steel producers <sup>3</sup>	Electric furnace steel producers <sup>4</sup>	Total for steel producers
<b>Scrap:</b>						
Receipts from dealers and other sources	1,430	2,480	3,920	13,000	24,300	37,300
Receipts from other own company plants	30	222	252	295	2,200	2,490
Production recirculating scrap	362	307	669	4,120	3,160	7,280
Production obsolete scrap	W	W	9	W	W	71
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	227	W	W	2,370
Basic oxygen process	W	W	774	W	W	7,690
Electric furnace	830	2,800	3,630	7,530	28,000	35,500
Other (including air furnace) <sup>5</sup>	W	--	W	W	--	W
Total consumption	1,680	2,950	4,630	16,100	29,400	45,500
Shipments	W	W	105	W	W	996
Stocks end of month	1,610	2,200	3,810	13,900	21,600	35,600
<b>Pig iron (includes hot metal):</b>						
Receipts	1,250	131	1,380	7,550	1,120	8,670
Production	W	W	1,850	W	W	22,500
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	2,810	W	W	27,800
Direct castings <sup>6</sup>	W	--	W	W	--	W
Electric furnace	W	W	W	W	W	W
Total consumption	2,980	109	3,090	29,200	1,150	30,400
Shipments	W	W	W	W	W	W
Stocks end of month	W	W	725	XX	XX	XX
<b>Direct-reduced iron:<sup>7</sup></b>						
Receipts	W	W	174	W	W	1,810
Production	--	--	--	W	--	W
Total consumption	W	W	174	W	W	1,620
Shipments	W	W	W	W	W	W
Stocks end of month	280	127	407	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.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings. October 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.

<sup>3</sup>Includes data for electric furnaces operated by integrated steel producers.

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

<sup>5</sup>Includes vacuum melting furnaces and miscellaneous uses.

<sup>6</sup>Includes ingot molds and stools.

<sup>7</sup>Includes 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<sup>1,2</sup>

(Thousand metric tons)

Item	September 2007				Year to date <sup>p</sup>		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>	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 <sup>3</sup>
Carbon steel:							
Low-phosphorus plate and punchings	28	W	64	W	285	W	544
Cut structural and plate	313	51	367	227	2,580	483	3,200
No. 1 heavy melting steel	365	154	515	442	3,260	1,400	4,650
No. 2 heavy melting steel	509	24	527	544	4,630	211	4,910
No. 1 and electric furnace bundles	270	W	333	274	2,610	W	3,210
No. 2 and all other bundles	74	W	77	29	603	W	619
Electric furnace 1 foot and under (not bundles)	--	W	W	--	--	W	W
Railroad rails	17	W	24	16	147	W	194
Turnings and borings	150	5	179	102	1,330	44	1,510
Slag scrap	70	66	114	153	622	698	1,070
Shredded and fragmentized	912	W	1,040	799	8,370	W	9,260
No. 1 busheling	386	W	414	337	3,750	151	3,900
Steel cans (post consumer)	10	--	10	4	97	--	97
All other carbon steel scrap	229	126	382	215	2,040	1,100	3,380
Stainless steel scrap	74	32	111	63	730	288	1,080
Alloy steel scrap	7	34	41	33	61	343	439
Ingot mold and stool scrap	W	W	4	13	W	W	39
Machinery and cupola cast iron	W	W	W	W	13	W	14
Cast iron borings	23	W	20	16	199	W	207
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	81	18	96	129	698	173	857
Other mixed scrap	92	34	195	114	1,350	296	1,740
Total	3,610	725	4,510	3,640	33,400	6,610	40,900

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>Includes 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<sup>1,2</sup>

(Thousand metric tons)

Item	October 2007				Year to date <sup>p</sup>		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>	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 <sup>3</sup>
Carbon steel:							
Low-phosphorus plate and punchings	59	W	54	W	344	W	298
Cut structural and plate	303	48	357	242	2,890	531	3,550
No. 1 heavy melting steel	406	155	542	474	3,660	1,560	5,190
No. 2 heavy melting steel	570	23	585	569	5,200	234	5,500
No. 1 and electric furnace bundles	275	W	335	283	2,880	W	3,550
No. 2 and all other bundles	72	W	73	29	675	W	692
Electric furnace 1 foot and under (not bundles)	(4)	W	W	(4)	2	W	W
Railroad rails	16	W	24	14	162	W	218
Turnings and borings	165	5	175	113	1,500	49	1,680
Slag scrap	77	68	119	156	699	766	1,190
Shredded and fragmentized	910	W	1,020	828	9,280	W	10,300
No. 1 busheling	410	17	417	365	4,160	168	4,320
Steel cans (post consumer)	11	--	11	4	108	--	108
All other carbon steel scrap	290	124	436	229	2,330	1,230	3,810
Stainless steel scrap	78	33	119	64	808	321	1,200
Alloy steel scrap	6	38	50	31	67	381	489
Ingot mold and stool scrap	W	W	4	13	W	W	44
Machinery and cupola cast iron	W	W	W	W	15	W	16
Cast iron borings	24	W	23	16	223	W	230
Motor blocks	W	--	W	--	W	--	W
Other iron scrap	80	19	95	131	778	193	952
Other mixed scrap	163	23	184	113	1,510	319	1,930
Total	3,920	669	4,630	3,810	37,300	7,280	45,500

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>Includes recirculating scrap and home-generated obsolete scrap.

<sup>4</sup>Less than ½ unit.

TABLE 3  
RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP,  
BY REGION AND STATE, FOR STEEL PRODUCERS<sup>1,2</sup>

(Thousand metric tons)

Region and State	September 2007			Year to date <sup>p</sup>		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>
<b>Mid-Atlantic and New England:</b>						
New Jersey, New York, Pennsylvania	392	150	600	3,490	1,340	5,370
<b>North Central:</b>						
Illinois and Indiana	367	181	518	3,250	1,630	4,530
Iowa, Minnesota, Nebraska, Wisconsin	147	4	162	1,370	31	1,490
Michigan	141	39	158	1,470	441	1,540
Ohio	570	118	659	5,150	1,110	6,360
Total	1,230	342	1,500	11,200	3,210	13,900
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	239	58	306	2,170	508	2,850
Florida, Georgia, North Carolina, South Carolina	295	17	344	2,650	144	2,940
Total	534	75	650	4,820	652	5,780
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	560	40	601	4,980	330	5,300
Arkansas, Louisiana, Oklahoma, Texas	654	64	826	6,120	569	7,370
Total	1,210	104	1,430	11,100	899	12,700
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	246	54	339	2,730	516	3,170
Grand total	3,610	725	4,510	33,400	6,610	40,900

<sup>p</sup>Preliminary.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>Includes 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<sup>1,2</sup>

(Thousand metric tons)

Region and State	October 2007			Year to date <sup>p</sup>		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>
<b>Mid-Atlantic and New England:</b>						
New Jersey, New York, Pennsylvania	387	151	592	3,880	1,490	5,970
<b>North Central:</b>						
Illinois and Indiana	408	134	511	3,660	1,760	5,040
Iowa, Minnesota, Nebraska, Wisconsin	148	4	163	1,520	34	1,650
Michigan	140	43	153	1,610	484	1,700
Ohio	700	127	812	5,850	1,240	7,180
Total	1,400	308	1,640	12,600	3,520	15,600
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	251	59	326	2,420	567	3,170
Florida, Georgia, North Carolina, South Carolina	309	13	281	2,960	157	3,220
Total	560	72	607	5,380	724	6,390
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	547	29	588	5,520	359	5,890
Arkansas, Louisiana, Oklahoma, Texas	725	57	847	6,850	626	8,220
Total	1,270	86	1,440	12,400	985	14,100
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	303	52	357	3,030	569	3,530
Grand total	3,920	669	4,630	37,300	7,280	45,500

<sup>p</sup>Preliminary.

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4  
RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1, 2, 3, 4</sup>

(Thousand metric tons)

Item	September 2007					Year to date <sup>p</sup>				
	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	144	W	W	W	W
Cut structural and plate	37	105	86	78	W	341	847	713	621	W
No. 1 heavy melting steel	51	103	32	144	35	459	914	278	1,300	304
No. 2 heavy melting steel	W	178	73	222	W	W	1,660	640	2,000	W
No. 1 and electric furnace bundles	21	166	24	54	W	168	1,690	220	505	W
No. 2 and all other bundles	14	34	4	20	W	119	252	38	175	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	W	--	--	--
Railroad rails	W	W	W	9	W	W	W	W	73	W
Turnings and borings	15	45	16	69	6	122	370	155	627	58
Slag scrap	11	19	W	22	W	99	189	W	W	W
Shredded and fragmentized	67	174	212	377	83	571	1,650	1,910	3,440	792
No. 1 busheling	67	156	17	144	W	579	1,470	253	1,440	W
Steel cans (post consumer)	W	W	--	W	W	W	51	--	W	W
All other carbon steel scrap	36	161	W	25	W	310	1,410	W	260	W
Stainless steel scrap	34	14	--	W	--	377	124	--	W	--
Alloy steel scrap	3	3	--	W	--	24	25	--	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	21	56	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	W	33	38	W	W	W	272	324	W	W
Other mixed scrap	W	7	W	6	W	W	W	W	59	W
Total	392	1,230	534	1,210	246	3,490	11,200	4,820	11,100	2,730

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

<sup>1</sup>Scrap received from brokers, dealers, and other outside sources.

<sup>2</sup>A breakout of the States within each region is provided in Table 3.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

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



TABLE 4a  
 RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1, 2, 3, 4</sup>

(Thousand metric tons)

Item	October 2007					Year to date <sup>p</sup>				
	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	160	W	W	W	W
Cut structural and plate	40	100	78	79	W	381	947	791	700	W
No. 1 heavy melting steel	54	130	35	158	30	513	1,040	312	1,460	334
No. 2 heavy melting steel	W	228	76	230	W	W	1,890	716	2,230	W
No. 1 and electric furnace bundles	23	168	W	56	W	191	1,850	244	561	W
No. 2 and all other bundles	13	32	4	21	W	132	284	42	196	W
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	W	--	--	--
Railroad rails	W	W	W	8	W	W	W	W	82	W
Turnings and borings	16	44	27	72	6	138	414	182	699	64
Slag scrap	11	27	W	21	W	110	216	W	W	W
Shredded and fragmentized	63	187	233	350	W	634	1,840	2,140	3,790	869
No. 1 busheling	60	154	19	172	W	639	1,620	272	1,620	W
Steel cans (post consumer)	W	5	W	W	W	W	56	--	W	W
All other carbon steel scrap	33	210	W	40	W	343	1,620	W	300	W
Stainless steel scrap	36	17	--	W	--	413	141	--	W	--
Alloy steel scrap	2	3	--	W	--	26	27	--	W	--
Ingot mold and stool scrap	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	62	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	W	34	W	W	W	W	306	359	W	W
Other mixed scrap	W	6	W	16	W	W	118	W	75	W
Total	387	1,400	560	1,270	303	3,880	12,600	5,380	12,400	3,030

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

<sup>1</sup>Scrap received from brokers, dealers, and other outside sources.

<sup>2</sup>A breakout of the States within each region is provided in Table 3a.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

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

TABLE 5  
CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1,2,3</sup>

(Thousand metric tons)

Item	September 2007					Year to date				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	16	W	W	W	W	145	W	W	W	W
Cut structural and plate	49	117	119	75	W	459	1,030	974	674	W
No. 1 heavy melting steel	91	152	35	186	50	805	1,330	330	1,670	510
No. 2 heavy melting steel	14	160	68	254	W	129	1,660	622	2,230	W
No. 1 and electric furnace bundles	33	219	24	54	W	279	2,190	223	496	W
No. 2 and all other bundles	14	35	5	21	W	119	260	37	183	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	13	W	W	W	W	90	W
Turnings and borings	33	49	19	74	5	280	412	157	604	53
Slag scrap	18	39	W	39	W	156	400	W	353	W
Shredded and fragmentized	90	188	261	417	80	811	1,720	2,260	3,710	755
No. 1 busheling	71	160	20	162	W	633	1,500	250	1,500	W
Steel cans (post consumer)	W	W	W	W	W	W	50	W	W	W
All other carbon steel scrap	76	207	40	55	W	636	1,850	356	504	W
Stainless steel scrap	55	20	--	W	--	560	194	W	W	--
Alloy steel scrap	15	24	--	W	--	134	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	19	56	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	W	41	W	W	W	W	351	329	W	W
Other mixed scrap	W	30	W	13	W	W	222	W	127	W
Total	600	1,500	650	1,430	339	5,370	13,900	5,780	12,700	3,170

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

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

<sup>2</sup>A breakout of the States within each region is provided in Table 3.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

TABLE 5a  
 CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1, 2, 3</sup>

(Thousand metric tons)

Item	October 2007					Year to date				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	16	W	W	W	W	161	W	W	W	W
Cut structural and plate	49	126	94	81	W	508	1,150	1,070	755	W
No. 1 heavy melting steel	92	171	37	186	57	897	1,500	367	1,850	567
No. 2 heavy melting steel	14	216	79	245	W	144	1,870	701	2,470	W
No. 1 and electric furnace bundles	33	222	20	54	W	313	2,410	243	550	W
No. 2 and all other bundles	13	30	5	23	W	132	291	42	206	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	13	W	W	W	W	103	W
Turnings and borings	32	44	18	74	7	312	456	175	677	60
Slag scrap	17	43	W	42	W	173	442	W	395	W
Shredded and fragmentized	91	190	232	428	84	902	1,910	2,490	4,140	839
No. 1 busheling	65	158	20	169	W	698	1,660	270	1,670	W
Steel cans (post consumer)	W	5	W	W	W	W	56	W	W	W
All other carbon steel scrap	71	268	40	54	W	707	2,120	396	558	W
Stainless steel scrap	59	24	--	W	--	619	218	W	W	--
Alloy steel scrap	15	W	--	W	--	149	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	21	62	W
Motor blocks	--	--	--	W	--	--	--	--	W	--
Other iron scrap	W	39	37	W	W	W	390	365	W	W
Other mixed scrap	W	16	W	14	W	W	238	W	141	W
Total	592	1,640	606	1,440	357	5,970	15,600	6,390	14,100	3,530

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

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

<sup>2</sup>A breakout of the States within each region is provided in Table 3a.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

TABLE 6  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and country	August 2007		Year to date	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Argentina	(3)	89	2	493
Aruba	(3)	6	(3)	66
Bahamas, The	1	133	11	2,270
Belize	(3)	9	(3)	133
Bermuda	--	--	(3)	47
Brazil	(3)	895	3	3,050
Canada	110	24,200	969	239,000
Cayman Islands	(3)	14	(3)	29
Chile	--	--	2	424
Colombia	10	2,470	73	19,600
Dominican Republic	(3)	3	6	1,190
El Salvador	(3)	88	(3)	134
Guatemala	(3)	27	(3)	45
Mexico	21	4,990	609	154,000
Netherlands Antilles	(3)	77	14	6,920
Panama	1	196	1	259
Peru	--	--	(3)	90
Suriname	1	158	1	245
Trinidad and Tobago	(3)	54	1	255
Turks & Caicos Islands	--	--	(3)	10
Venezuela	(3)	8	2	312
Other	1	37	2	211
Total	145	33,500	1,700	429,000
<b>Africa, Europe, Middle East:</b>				
Austria	(3)	229	1	1,340
Belgium	1	576	6	7,500
Czech Republic	(3)	46	1	401
Egypt	75	20,600	343	97,800
Finland	1	132	31	114,000
France	(3)	656	2	3,880
Germany	(3)	118	2	1,650
Greece	118	32,300	275	77,200
Hungary	(3)	23	1	405
Ireland	(3)	97	1	410
Israel	(3)	193	1	677
Italy	26	6,880	142	42,500
Kenya	--	--	9	2,150
Netherlands	1	2,770	10	25,600
Pakistan	43	11,800	136	38,600
Portugal	--	--	21	5,660
Saudi Arabia	8	2,330	41	11,600
South Africa	--	--	(3)	140
Spain	2	3,330	56	145,000
Sweden	(3)	188	2	7,120
Switzerland	(3)	281	3	2,390
Turkey	227	60,000	2,290	626,000
United Kingdom	1	603	11	8,100
Other	3	437	5	2,190
Total	506	144,000	3,390	1,220,000
<b>Asia, Australia, Oceania:</b>				
Australia	(3)	3	1	423
Bangladesh	14	4,520	76	24,500
China	220	148,000	1,710	1,250,000
Hong Kong	9	5,800	187	58,300
India	58	33,500	430	192,000

See footnotes at end of table.

TABLE 6--Continued  
 U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and country	August 2007		Year to date	
	Quantity	Value	Quantity	Value
Asia, Australia, Oceania--Continued:				
Indonesia	42	14,700	127	44,400
Japan	28	21,000	167	182,000
Korea, Republic of	117	41,500	932	399,000
Malaysia	137	41,200	831	236,000
Singapore	3	858	16	5,170
Taiwan	171	75,600	920	392,000
Thailand	44	14,100	528	151,000
Vietnam	15	5,090	79	24,000
Other	1	146	2	785
Total	859	406,000	6,000	2,960,000
Grand total	1,510	583,000	11,100	4,610,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free-alongside-ship basis.

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 6a  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and country	September 2007		Year to date	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Argentina	(3)	48	2	542
Aruba	--	--	(3)	66
Bahamas, The	(3)	15	12	2,290
Belize	(3)	23	(3)	156
Bermuda	--	--	(3)	47
Brazil	(3)	556	3	3,600
Canada	115	28,000	1,080	267,000
Cayman Islands	--	--	(3)	29
Chile	--	--	2	424
Colombia	14	3,330	87	22,900
Dominican Republic	(3)	6	6	1,200
El Salvador	1	108	1	242
Guatemala	--	--	(3)	45
Mexico	55	12,900	664	167,000
Netherlands Antilles	(3)	11	14	6,930
Panama	1	177	3	435
Peru	--	--	(3)	90
Suriname	(3)	50	1	295
Trinidad and Tobago	(3)	167	2	423
Turks and Caicos Islands	--	--	(3)	10
Venezuela	(3)	4	2	316
Other	(3)	21	(3)	232
Total	187	45,400	1,880	474,000
<b>Africa, Europe, Middle East:</b>				
Austria	(3)	154	1	1,490
Belgium	(3)	268	6	7,770
Czech Republic	(3)	127	1	528
Egypt	38	10,700	381	108,000
Finland	(3)	179	31	114,000
France	(3)	493	2	4,380
Germany	(3)	207	3	1,860
Greece	35	9,780	310	87,000
Hungary	(3)	37	1	442
Ireland	(3)	74	1	484
Israel	(3)	67	1	744
Italy	24	6,590	166	49,100
Kenya	--	--	9	2,150
Netherlands	(3)	378	10	26,000
Pakistan	38	10,400	174	49,000
Portugal	--	--	21	5,660
Saudi Arabia	--	--	41	11,600
South Africa	(3)	12	(3)	151
Spain	4	2,010	60	147,000
Sweden	1	989	3	8,100
Switzerland	--	--	3	2,390
Turkey	227	59,100	2,520	685,000
United Kingdom	1	663	13	8,770
Other	2	214	5	2,410
Total	371	102,000	3,760	1,330,000
<b>Asia, Australia, Oceania:</b>				
Australia	(3)	40	1	464
Bangladesh	13	4,310	89	28,800
China	186	158,000	1,890	1,400,000
Hong Kong	10	7,650	197	66,000
India	39	22,000	469	214,000

See footnotes at end of table.

TABLE 6a--Continued  
 U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and country	September 2007		Year to date	
	Quantity	Value	Quantity	Value
Asia, Australia, Oceania--Continued:				
Indonesia	3	1,610	129	46,000
Japan	11	23,200	178	206,000
Korea, Republic of	42	20,500	974	419,000
Malaysia	102	30,100	933	266,000
Singapore	2	632	19	5,800
Taiwan	158	60,300	1,080	453,000
Thailand	9	2,820	537	154,000
Vietnam	15	4,820	94	28,900
Other	(3)	(3)	2	784
Total	590	336,000	6,590	3,290,000
Grand total	1,150	484,000	12,200	5,090,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free-alongside-ship basis.

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 7  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION AND SELECTED CUSTOMS DISTRICT<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and customs district	August 2007		Year to date	
	Quantity	Value	Quantity	Value
<b>Canadian-U.S. Border:</b>				
Buffalo, NY	17	5,540	110	50,500
Chicago, IL	1	367	5	2,580
Cleveland, OH	--	--	1	339
Detroit, MI	24	5,880	222	57,400
Duluth, MN	4	1,210	30	8,150
Great Falls, MT	1	217	20	4,370
Minneapolis, MN	--	--	27	18,200
Ogdensburg, NY	8	2,090	55	17,600
Pembina, ND	36	8,150	362	86,300
Other <sup>4</sup>	13	1,330	108	10,200
Total	104	24,800	940	256,000
<b>East Coast:</b>				
Baltimore, MD	4	6,630	23	42,900
Boston, MA	174	48,700	831	238,000
Charleston, SC	14	7,150	154	63,600
Charlotte, NC	8	2,830	47	17,900
Miami, FL	7	5,650	208	72,700
New York, NY	199	81,200	1,740	793,000
Norfolk, VA	14	9,700	151	66,700
Philadelphia, PA	98	26,700	725	208,000
Portland, ME	(3)	33	94	31,900
Providence, RI	72	19,200	412	112,000
Savannah, GA	19	11,700	149	89,500
St. Albans, VT	8	2,100	58	16,400
Other <sup>4</sup>	--	--	(3)	16
Total	617	222,000	4,590	1,750,000
<b>Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):</b>				
Dallas-Fort Worth, TX	(3)	29	(3)	34
El Paso, TX	1	136	38	1,960
Houston-Galveston, TX	13	11,500	122	103,000
Laredo, TX	15	3,750	212	53,500
Mobile, AL	7	2,930	47	18,300
New Orleans, LA	37	10,000	225	180,000
Nogales, AZ	--	--	33	9,080
San Juan, PR	16	4,120	116	36,400
Tampa, FL	6	3,210	305	95,200
Total	95	35,700	1,100	497,000
<b>West Coast and Hawaii:</b>				
Columbia-Snake, OR	175	54,800	577	188,000
Honolulu, HI and Anchorage, AK	34	9,840	133	33,100
Los Angeles, CA	380	193,000	2,480	1,430,000
San Diego, CA	5	1,160	43	8,750
San Francisco, CA	74	27,100	745	258,000
Seattle, WA	26	15,100	479	189,000
Total	694	301,000	4,460	2,100,000
Grand total	1,510	583,000	11,100	4,610,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free-alongside-ship basis.

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

<sup>3</sup>Less than ½ unit.

<sup>4</sup>Includes 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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and customs district	September 2007		Year to date	
	Quantity	Value	Quantity	Value
<b>Canadian-U.S. Border:</b>				
Buffalo, NY	16	5,090	126	55,600
Chicago, IL	1	435	5	3,010
Cleveland, OH	(3)	43	1	381
Detroit, MI	20	5,090	242	62,500
Duluth, MN	6	1,390	36	9,540
Great Falls, MT	2	477	21	4,850
Minneapolis, MN	--	--	27	18,200
Ogdensburg, NY	7	2,290	62	19,900
Pembina, ND	42	10,700	405	97,100
Other <sup>4</sup>	11	1,170	121	11,400
Total	105	26,700	1,050	282,000
<b>East Coast:</b>				
Baltimore, MD	5	10,300	29	53,200
Boston, MA	23	7,460	853	245,000
Charleston, SC	21	12,900	175	76,500
Charlotte, NC	3	1,940	51	19,900
Miami, FL	6	7,460	214	80,200
New York, NY	164	69,800	1,910	862,000
Norfolk, VA	34	12,700	185	79,500
Philadelphia, PA	67	18,400	792	227,000
Portland, ME	(3)	231	94	32,100
Providence, RI	--	--	412	112,000
Savannah, GA	16	13,700	165	103,000
St. Albans, VT	9	2,560	67	19,000
Other	--	--	(3)	16
Total	349	158,000	4,940	1,910,000
<b>Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):</b>				
Dallas-Fort Worth, TX	--	--	(3)	34
El Paso, TX	2	167	40	2,130
Houston-Galveston, TX	11	9,470	133	112,000
Laredo, TX	13	3,370	226	56,800
Mobile, AL	4	2,540	51	20,900
New Orleans, LA	40	11,100	265	191,000
Nogales, AZ	--	--	33	9,080
San Juan, PR	21	5,020	137	41,500
Tampa, FL	110	27,700	415	123,000
Total	201	59,300	1,300	556,000
<b>West Coast and Hawaii:</b>				
Columbia-Snake, OR	49	15,800	625	204,000
Honolulu, HI and Anchorage, AK	5	1,170	137	34,300
Los Angeles, CA	284	168,000	2,770	1,590,000
San Diego, CA	3	750	46	9,500
San Francisco, CA	37	16,400	782	275,000
Seattle, WA	115	38,500	595	227,000
Total	493	241,000	4,950	2,340,000
Grand total	1,150	484,000	12,200	5,090,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free-alongside-ship basis.

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

<sup>3</sup>Less than ½ unit.

<sup>4</sup>Includes 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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	August 2007		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	309	87,000	2,200	609,000
No. 2 heavy melting steel	30	7,360	191	47,100
No. 1 bundles	7	1,800	98	19,000
No. 2 bundles	2	509	29	6,490
Shredded steel scrap	425	120,000	3,150	873,000
Borings, shovelings and turnings	2	369	47	8,530
Cut plate and structural	103	28,900	511	143,000
Tinned iron or steel	25	4,840	361	57,500
Remelting scrap ingots	4	7,000	24	38,500
Cast iron	122	38,700	926	309,000
Other iron and steel	252	84,000	1,730	566,000
Total carbon steel and cast iron	1,280	380,000	9,260	2,680,000
Stainless steel	69	96,000	568	1,170,000
Other alloy steel	160	107,000	1,260	763,000
Total stainless and alloy steel	229	203,000	1,830	1,930,000
Total carbon, stainless, alloy steel and cast iron	1,510	583,000	11,100	4,610,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	7	143	23,600
Used rails for rerolling and other uses	15	11,100	65	46,600
Total scrap exports	1,530	594,000	11,300	4,680,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	364	9	3,170
Pig iron > 0.5% phosphorus	--	--	(3)	22
Alloy pig iron	(3)	19	60	361
Total pig iron	1	383	69	3,560
Direct-reduced iron (DRI)	--	--	(3)	23
Spongy iron products, not Direct-reduced iron (DRI)	(3)	100	2	1,450
Granules for abrasive cleaning and other uses	2	2,920	17	21,500
Powders of alloy steel	(3)	2,280	6	18,100
Other ferrous powders	10	9,740	63	62,900
Total DRI, granules, powders	12	15,000	88	104,000
Grand total	1,540	610,000	11,500	4,790,000

-- Zero.

<sup>1</sup>Export valuation is on a free-alongside-ship basis.

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 8a  
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	September 2007		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	258	72,200	2,460	681,000
No. 2 heavy melting steel	26	4,100	217	51,200
No. 1 bundles	4	1,240	103	20,300
No. 2 bundles	5	1,100	33	7,590
Shredded steel scrap	343	97,700	3,490	971,000
Borings, shovelings and turnings	4	592	50	9,120
Cut plate and structural	34	9,840	545	153,000
Tinned iron or steel	13	4,650	374	62,200
Remelting scrap ingots	6	8,030	30	46,500
Cast iron	38	14,100	964	323,000
Other iron and steel	206	69,800	1,930	636,000
Total carbon steel and cast iron	936	283,000	10,200	2,960,000
Stainless steel	69	91,500	637	1,260,000
Other alloy steel	143	109,000	1,410	872,000
Total stainless and alloy steel	213	201,000	2,040	2,130,000
Total carbon, stainless, alloy steel and cast iron	1,150	484,000	12,200	5,090,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	16	143	23,700
Used rails for rerolling and other uses	9	7,200	74	53,800
Total scrap exports	1,160	491,000	12,500	5,170,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	456	10	3,630
Pig iron > 0.5% phosphorus	--	--	(3)	23
Alloy pig iron	(3)	144	60	505
Total pig iron	1	600	70	4,160
Direct-reduced iron (DRI)	--	--	(3)	23
Spongy iron products, not Direct-reduced iron (DRI)	(3)	74	3	1,530
Granules for abrasive cleaning and other uses	2	2,300	18	23,800
Powders of alloy steel	(3)	2,010	6	20,200
Other ferrous powders	9	8,470	71	71,400
Total DRI, granules, powders	11	12,800	98	117,000
Grand total	1,170	505,000	12,600	5,290,000

-- Zero.

<sup>1</sup>Export valuation is on a free-alongside-ship basis.

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 9  
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP BY SELECTED COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Country	August 2007		Year to date	
	Quantity	Value	Quantity	Value
Argentina	(3)	396	(3)	1,030
Bahamas, The	(3)	51	5	781
Belgium	--	--	32	10,300
Canada	232	52,400	1,980	492,000
Cayman Islands	2	338	4	798
China	(3)	12	(3)	160
Colombia	--	--	(3)	1,520
Costa Rica	(3)	27	(3)	183
Dominican Republic	--	21	11	3,230
Ecuador	--	--	(3)	266
Egypt	(3)	62	1	996
El Salvador	--	--	(3)	112
Finland	--	--	2	3,320
Germany	(3)	84	1	349
Guatemala	(3)	16	(3)	643
Japan	(3)	14	1	1,310
Malaysia	--	--	1	328
Mexico	28	8,100	205	96,000
Netherlands	--	--	62	23,000
Nicaragua	(3)	2	(3)	124
Norway	(3)	66	(3)	221
Panama	(3)	35	(3)	370
Russia	--	--	(3)	17
Singapore	(3)	9	(3)	28
Spain	--	--	(3)	224
Sweden	36	12,100	77	25,500
Taiwan	(3)	3	(3)	35
Trinidad and Tobago	--	--	(3)	415
United Kingdom	(3)	226	167	61,900
Venezuela	(3)	26	(3)	509
Other	(3)	121	18	1,450
Total	300	74,100	2,560	727,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 9a  
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP BY SELECTED COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Country	September 2007		Year to date	
	Quantity	Value	Quantity	Value
Argentina	--	--	(3)	1,030
Bahamas, The	(3)	23	5	804
Belgium	--	--	32	10,300
Canada	244	52,400	2,220	544,000
Cayman Islands	--	--	4	798
China	--	--	1	160
Colombia	--	--	(3)	1,520
Costa Rica	(3)	4	(3)	187
Dominican Republic	--	--	11	3,230
Ecuador	--	--	(3)	266
Egypt	(3)	64	2	1,060
El Salvador	--	--	(3)	112
Finland	(3)	63	2	3,390
Germany	(3)	19	2	369
Guatemala	(3)	24	(3)	667
Japan	(3)	75	1	1,380
Malaysia	--	--	1	328
Mexico	19	6,350	225	102,000
Netherlands	--	--	62	23,000
Nicaragua	--	--	(3)	124
Norway	(3)	46	1	267
Panama	(3)	19	(3)	390
Russia	--	--	(3)	17
Singapore	--	--	(3)	28
Spain	(3)	61	(3)	284
Sweden	--	--	77	25,500
Taiwan	(3)	84	(3)	119
Trinidad & Tobago	--	--	(3)	415
United Kingdom	(3)	26	167	61,900
Venezuela	--	--	(3)	509
Other	(3)	35	14	1,490
Total	265	59,300	2,830	786,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 10  
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP  
BY SELECTED CUSTOMS DISTRICT<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Customs district	August 2007		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	38	12,200	387	145,000
Charleston, SC	37	12,100	213	74,700
Chicago, IL	5	515	21	3,290
Detroit, MI	105	25,900	869	222,000
Duluth, MN	3	667	30	7,670
El Paso, TX	3	665	27	7,560
Great Falls, MT	7	2,090	44	12,900
Houston-Galveston, TX	(3)	865	15	38,800
Laredo, TX	3	2,090	26	29,400
New Orleans, LA	--	--	126	45,500
Pembina, ND	2	675	70	16,900
San Diego, CA	21	4,550	137	26,800
Seattle, WA	72	10,000	528	76,500
Other	4	1,750	70	20,600
Total	300	74,100	2,560	727,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 10a  
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP  
BY SELECTED CUSTOMS DISTRICT<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Customs district	September 2007		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	39	11,600	426	156,000
Charleston, SC	(3)	19	214	74,700
Chicago, IL	32	1,880	52	5,160
Cleveland, OH	--	--	16	1,030
Detroit, MI	97	24,500	966	246,000
Duluth, MN	5	1,340	35	9,010
El Paso, TX	4	1,080	30	8,650
Great Falls, MT	4	1,030	48	14,000
Houston-Galveston, TX	1	875	16	39,700
Laredo, TX	2	1,210	28	30,600
New Orleans, LA	--	--	126	45,500
Pembina, ND	4	1,180	74	18,100
San Diego, CA	12	2,910	149	29,700
Seattle, WA	55	9,230	583	85,700
Other	10	2,470	65	22,000
Total	265	59,300	2,830	786,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 11  
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER  
FERROUS PRODUCTS BY GRADE<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	August 2007		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	12	2,150	86	15,600
No. 2 heavy melting steel	5	1,340	46	10,200
No. 1 bundles	74	21,300	627	189,000
No. 2 bundles	2	242	8	922
Shredded steel scrap	48	11,300	385	89,900
Borings, shovelings and turnings	9	1,510	59	8,630
Cut plate and structural	11	1,920	89	16,600
Tinned iron or steel	(3)	74	4	951
Remelting scrap ingots	(3)	7	8	166
Cast iron	27	5,840	215	48,700
Other iron and steel	44	10,800	475	123,000
Total carbon steel and cast iron	233	56,400	2,000	503,000
Stainless steel	5	7,380	81	129,000
Other alloy steel	62	10,200	480	94,600
Total stainless and alloy steel	67	17,500	561	224,000
Total carbon, stainless, alloy steel and cast iron	300	74,100	2,560	727,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	62
Total scrap imports	--	--	(3)	62
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	527	175,000	3,240	1,000,000
Alloy pig iron	--	--	(3)	27
Total pig iron	527	175,000	3,240	1,000,000
Direct-reduced iron (DRI)	189	41,600	1,550	340,000
Spongy iron products, not DRI	9	3,020	139	39,100
Granules for abrasive cleaning and other uses	2	1,310	15	11,600
Powders of alloy steel	4	6,530	41	62,600
Other ferrous powders	37	5,730	69	47,900
Total DRI, granules, powders	241	58,100	1,810	502,000
Grand total	1,070	307,000	7,610	2,230,000

-- Zero.

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

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 11a  
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER  
FERROUS PRODUCTS BY GRADE<sup>1, 2</sup>

(Thousand metric tons and thousand dollars)

Item	September 2007		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	12	2,410	98	18,000
No. 2 heavy melting steel	4	746	50	11,000
No. 1 bundles	56	15,900	682	205,000
No. 2 bundles	2	187	9	1,110
Shredded steel scrap	37	7,090	421	97,000
Borings, shovelings and turnings	9	1,370	68	10,000
Cut plate and structural	10	1,939	100	18,513
Tinned iron or steel	(3)	65	5	1,020
Remelting scrap ingots	(3)	84	8	250
Cast iron	20	4,220	235	52,900
Other iron and steel	67	10,800	542	134,000
Total carbon steel and cast iron	217	44,800	2,220	548,000
Stainless steel	4	4,780	85	134,000
Other alloy steel	44	9,710	525	104,000
Total stainless and alloy steel	48	14,500	610	238,000
Total carbon, stainless, alloy steel and cast iron	265	59,300	2,830	786,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	29	(3)	91
Total scrap imports	(3)	29	(3)	91
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	599	194,000	3,840	1,200,000
Alloy pig iron	--	--	(3)	27
Total pig iron	599	194,000	3,840	1,200,000
Direct-reduced iron (DRI)	141	35,600	1,690	376,000
Spongy iron products, not DRI	3	1,090	142	40,200
Granules for abrasive cleaning and other uses	2	1,510	17	13,100
Powders of alloy steel	6	7,370	46	69,900
Other ferrous powders	5	5,910	74	53,800
Total DRI, granules, powders	157	51,500	1,970	553,000
Grand total	1,020	305,000	8,630	2,540,000

-- Zero.

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

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

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.



TABLE 12  
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,  
AND CONTINUOUS CAST STEEL PRODUCTION<sup>1</sup>

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date <sup>2</sup>	Monthly	Year to date	Monthly	Year to date
2006:						
September	8,421	76,012	91.2	90.1	96.5	96.7
October	8,094	84,106	86.2	89.8	96.7	96.7
November	7,411	91,517	81.5	89.0	96.5	96.7
December	7,040	98,557	75.0	87.9	96.3	96.7
2007:						
January	7,543	7,543	78.2	78.2	96.1	96.1
February	7,634	15,176	87.8	82.7	96.6	96.3
March	8,328	23,504	86.3	83.0	96.6	96.4
April	8,213	31,716	85.0	84.3	96.7	96.5
May	8,521	40,238	88.4	85.1	96.7	96.5
June	8,240	48,478	88.6	85.7	96.5	96.5
July	8,274	56,752	87.0	85.9	97.2	96.6
August	8,336	65,090 <sup>r</sup>	87.7 <sup>r</sup>	86.1 <sup>r</sup>	96.8	96.6
September	7,960	73,049	86.5	86.1	96.7	96.6
October	8,484	81,532	88.5	86.4	96.9	96.3

<sup>r</sup>Revised.

<sup>1</sup>Data are rounded to no more than three significant digits.

<sup>2</sup>Year-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 <sup>1</sup>	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2006:						
September	207.33	204.05	198.50	195.36	312.42	307.48
October	203.49	200.28	198.20	195.07	307.34	302.49
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
Average	256.44	252.39	252.63	248.64	374.38	368.47

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

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