

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN SEPTEMBER 2001

On a daily basis in September 2001, estimated consumption of iron and steel scrap, daily average production of home scrap, net receipts of purchased scrap, and stocks of purchased and home scrap at the end of the month each were slightly higher than those of August 2001, according to the U.S. Geological Survey. These observations are based upon responses from 49% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 57% of the total scrap consumption in those sectors, and estimates for non-respondents of this survey.

On a daily average basis, pig iron production was down 4% and consumption was down 5% compared with those of August 2001. Stocks of pig iron at month's end increased by 3% compared with those of August 2001.

Exports of iron and steel scrap for the month of August 2001 increased 42% from those of July 2001. China was the leading country of destination, accounting for 44% of the total tonnage of exports in August 2001, followed by the Republic of Korea with 22% and Canada with 13%. Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports in August 2001, accounting for 28% of the total, followed by Providence, RI, with 18% and San Francisco, CA, with 11%.

Imports of iron and steel scrap for August 2001 increased 33% compared with those of July 2001. Canada was the leading country of origin, accounting for 64% of the total imports in August 2001, followed by the United Kingdom with 32% and Mexico with 2%. Detroit, MI, was the leading Customs district for tonnage of imports in August 2001, accounting for 41% of the total, followed by Charleston, SC, with 32% and Seattle, WA, with 11%.

According to the American Iron and Steel Institute (AISI), the daily average domestic raw steel production for September 2001 amounted to 250,000 metric tons, up less than 1% from 249,000 tons for August 2001 and down 6% from 267,000 tons for September 2000. The electric furnace portion of raw steel production for September 2001 was 46.6%, up about 2% from that of both August 2001 and September 2000.

Raw steel capability utilization (AISI data) in September 2001 was 80.5%, up less than 1% from that of August 2001 and down 3% from that of September 2000. Continuous cast steel production in the United States accounted for 96.9% of total raw steel production in September 2001, about the same as that of August 2001 and up about 1% from that of September 2000.

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

(Thousand metric tons)

	September 2001			Year to date p/		
	Integrated steel producers 3/	Electric furnace steel producers 4/	Total for steel producers	Integrated steel producers 3/	Electric furnace steel producers 4/	Total for steel producers
<b>Scrap:</b>						
Receipts from dealers and other sources	1,100	2,600	3,700	9,400	23,000	33,000
Receipts from other own company plants	W	W	190	W	W	1,600
Production recirculating scrap	720	390	1,100	6,400	3,600	10,000
Production obsolete scrap	10	2	12	88	21	110
<b>Consumption (by type of furnace):</b>						
Blast furnace	(5/)	--	(5/)	(5/)	--	(5/)
Basic oxygen process	W	W	1,300	W	W	12,000
Electric furnace	W	W	3,500	W	W	32,000
Other (including air furnace) 6/	(5/)	--	(5/)	(5/)	--	(5/)
Total consumption	1,700	3,100	4,800	16,000	28,000	43,000
Shipments	180	8	190	1,400	44	1,500
Stocks end of month	2,200	2,100	4,400	XX	XX	XX
<b>Pig iron (includes hot metal):</b>						
Receipts	650	140	790	6,200	1,100	7,300
Production	3,200	(7/)	3,200	31,000	(7/)	31,000
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	3,800	W	W	37,000
Direct castings 8/	(5/)	(5/)	(5/)	(5/)	(5/)	(5/)
Electric furnace	W	W	(5/)	W	W	(5/)
Total consumption	3,700	100	3,800	36,000	870	37,000
Shipments	(9/)	(9/)	(9/)	(9/)	(9/)	(9/)
Stocks end of month	W	W	610	XX	XX	XX
<b>Direct-reduced iron: 10/</b>						
Receipts	100	75	180	1,000	600	1,600
Total consumption	120	69	190	1,100	610	1,700
Shipments	1	--	1	13	--	13
Stocks end of month	220	33	250	XX	XX	XX

p/ Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable. -- Zero.

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

2/ Includes manufacturers of raw steel that also produce steel castings. September 2001 data are based on returns from 49% of monthly respondents, representing 57% of scrap consumption during this month, and estimates for nonrespondents of this survey.

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

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

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

6/ Includes vacuum melting furnaces and miscellaneous uses.

7/ Less than 1/2 unit.

8/ Includes ingot molds and stools.

9/ Withheld to avoid disclosing company proprietary data.

10/ 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 1/ 2/

(Thousand metric tons)

Item	September 2001				Year to date p/		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap 3/	Ending stocks	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap 3/
Carbon steel:							
Low-phosphorus plate and punchings	22	W	23	18	220	W	220
Cut structural and plate	320	61	390	250	2,900	520	3,400
No. 1 heavy melting steel	430	300	740	680	3,900	2,900	7,000
No. 2 heavy melting steel	440	47	490	430	4,000	370	4,500
No. 1 and electric furnace bundles	440	W	560	310	4,100	W	5,200
No. 2 and all other bundles	75	W	77	35	680	W	700
Electric furnace 1 foot and under (not bundles)	--	W	W	W	--	W	W
Railroad rails	16	W	20	11	140	W	180
Turnings and borings	170	6	180	100	1,600	52	1,700
Slag scrap	73	130	180	150	660	1,100	1,700
Shredded and fragmentized	790	W	880	540	6,900	W	7,900
No. 1 busheling	470	11	470	330	4,000	98	4,000
Steel cans (post consumer)	15	W	20	W	150	W	190
All other carbon steel scrap	170	200	350	360	1,600	1,900	3,300
Stainless steel scrap	78	39	110	37	540	280	830
Alloy steel scrap	24	35	59	60	220	380	570
Ingot mold and stool scrap	W	13	9	22	W	94	63
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	17	W	14	9	170	W	170
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	25	37	59	W	220	340	570
Other mixed scrap	75	35	110	570	810	320	1,200
Total	3,700	1,100	4,800	4,400	33,000	10,000	43,000

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

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

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

3/ Includes recirculating scrap and home-generated obsolete scrap.

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

(Thousand metric tons)

Region and State	September 2001			Year to date p/		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap 3/	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap 3/
<b>Mid-Atlantic and New England:</b>						
New Jersey and New York	W	W	W	W	W	W
Pennsylvania	W	W	W	W	W	W
Total	410	200	640	3,500	1,700	5,600
<b>North Central:</b>						
Illinois and Indiana	530	430	950	4,800	4,000	8,900
Iowa, Minnesota, Missouri, Nebraska, Wisconsin	230	21	250	2,100	190	2,200
Michigan	210	93	240	1,800	620	2,100
Ohio	480	110	580	4,200	1,200	5,400
Total	1,500	650	2,000	13,000	6,000	19,000
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	170	69	230	1,400	580	2,100
Florida, Georgia, North Carolina, South Carolina	310	20	290	2,500	160	2,600
Total	480	89	520	3,900	750	4,700
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	410	53	450	3,900	470	4,300
Arkansas, Louisiana, Oklahoma, Texas	620	65	780	5,300	620	6,500
Total	1,000	120	1,200	9,200	1,100	11,000
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	300	56	370	3,200	520	3,700
Grand total	3,700	1,100	4,800	33,000	10,000	43,000

p/ Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total" and/or "Grand total."

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

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

3/ Includes recirculating scrap and home-generated obsolete scrap.

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

(Thousand metric tons)

Item	September 2001					Year to date p/				
	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	12	5	W	5	--	110	74	W	36	--
Cut structural and plate	41	130	64	65	24	380	1,200	590	510	220
No. 1 heavy melting steel	40	140	48	160	45	430	1,200	400	1,400	490
No. 2 heavy melting steel	11	150	66	160	60	100	1,400	530	1,300	620
No. 1 and electric furnace bundles	27	330	23	43	14	250	3,100	200	470	120
No. 2 and all other bundles	8	35	3	19	9	75	270	45	170	110
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	--	--	--	--
Railroad rails	W	W	(5/)	4	W	W	W	4	46	W
Turnings and borings	25	39	27	75	5	240	350	250	650	53
Slag scrap	18	26	7	21	W	160	180	59	240	W
Shredded and fragmented	36	220	190	260	87	340	1,900	1,400	2,400	880
No. 1 busheling	71	190	27	170	12	560	1,600	230	1,500	120
Steel cans (post consumer)	5	W	W	W	W	51	W	W	W	W
All other carbon steel scrap	22	120	8	20	W	200	1,000	73	220	W
Stainless steel scrap	69	9	--	--	--	460	79	--	--	--
Alloy steel scrap	9	W	--	W	--	79	W	--	W	--
Ingot mold and stool scrap	1	W	--	--	--	4	W	--	--	--
Machinery and cupola cast iron	--	6	(5/)	W	--	--	50	3	W	--
Cast iron borings	W	W	W	4	--	W	W	W	56	--
Motor blocks	(5/)	--	W	--	--	(5/)	--	W	--	--
Other iron scrap	W	10	W	2	W	W	97	W	23	W
Other mixed scrap	W	W	3	18	W	W	W	34	150	W
Total	410	1,500	480	1,000	300	3,500	13,000	3,900	9,200	3,200

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

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

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

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

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

5/ Less than 1/2 unit.

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

(Thousand metric tons)

Item	September 2001					Year to date p/				
	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	12	5	W	W	--	110	74	W	W	--
Cut structural and plate	61	140	91	72	25	540	1,200	800	580	230
No. 1 heavy melting steel	90	320	66	190	82	850	3,000	620	1,800	810
No. 2 heavy melting steel	17	150	69	180	65	170	1,500	580	1,500	660
No. 1 and electric furnace bundles	36	430	28	51	17	330	4,000	250	510	130
No. 2 and all other bundles	9	34	4	21	9	79	280	48	190	110
Electric furnace 1 foot and under (not bundles)	--	8	--	--	--	--	68	--	--	--
Railroad rails	W	W	(4/)	8	W	W	W	4	60	W
Turnings and borings	30	43	27	79	6	280	390	250	690	65
Slag scrap	28	95	12	48	W	250	830	110	450	W
Shredded and fragmentized	68	240	160	310	94	620	2,100	1,500	2,700	940
No. 1 busheling	80	180	27	170	12	640	1,600	240	1,400	110
Steel cans (post consumer)	7	W	W	W	W	67	W	W	W	W
All other carbon steel scrap	51	220	19	60	W	460	2,000	180	510	W
Stainless steel scrap	100	11	--	--	--	730	99	--	--	--
Alloy steel scrap	19	38	--	W	--	170	380	--	W	--
Ingot mold and stool scrap	7	2	--	1	--	41	15	--	6	--
Machinery and cupola cast iron	--	5	(4/)	W	--	--	48	3	W	--
Cast iron borings	W	W	W	4	--	W	W	W	56	--
Motor blocks	(4/)	--	W	--	--	(4/)	--	W	--	--
Other iron scrap	W	33	W	4	W	W	340	W	39	W
Other mixed scrap	W	39	8	18	W	W	370	94	150	W
Total	640	2,000	520	1,200	370	5,600	19,000	4,700	11,000	3,700

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

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

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

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

4/ Less than 1/2 unit.

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

(Thousand metric tons and thousand dollars)

Region and country	August 2001		Year to date	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Bahamas, The	(3/)	16	3	445
Belize	--	--	1	328
Brazil	(3/)	86	3	1,060
Canada	104	10,700	741	87,200
Costa Rica	(3/)	27	2	259
Dominican Republic	1	175	3	827
Mexico	62	6,390	546	53,500
Venezuela	(3/)	140	1	592
Other	1	159	2 r/	886 r/
Total	168	17,700	1,300	145,000
<b>Africa, Europe, Middle East:</b>				
Belgium	(3/)	249	5	3,580
France	(3/)	216	10	1,200
Germany	3	2,100	14	9,460
Italy	(3/)	56	8	4,710
Netherlands	1	258	14	7,650
Spain	(3/)	5	12	605
Turkey	--	--	47	3,940
United Kingdom	2	943	12	3,890
Other	(3/)	68	13 r/	5,040 r/
Total	6	3,900	136	40,100
<b>Asia, Australia, Oceania:</b>				
Australia	(3/)	11	4	621
China	341	47,900	1,750	276,000
Hong Kong	4	1,400	25	10,200
India	4	1,790	39	16,300
Indonesia	1	356	5	1,320
Japan	2	1,380	36	21,600
Korea, Republic of	169	17,900	788	113,000
Malaysia	44	3,790	155	14,500
Philippines	1	259	11	6,300
Singapore	(3/)	64	4	794
Taiwan	35	2,260	230	69,600
Thailand	(3/)	35	34	3,540
Vietnam	1	209	3	1,130
Other	(3/)	127	1	387
Total	602	77,500	3,090	535,000
Grand total	776	99,100	4,530	720,000

r/ Revised; unspecified group of countries differs from that in the previous report. -- Zero.

1/ 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" (f.a.s.) basis.

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

3/ Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 7  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION  
AND SELECTED CUSTOMS DISTRICT 1/2/ 3/

(Thousand metric tons and thousand dollars)

Region and customs district	August 2001		Year to date	
	Quantity	Value	Quantity	Value
<b>Canadian-U.S. Border:</b>				
Buffalo, NY	7	1,370	73	17,100
Detroit, MI	14	1,700	117	16,900
Ogdensburg, NY	2	370	36	5,670
Pembina, ND	22	1,870	204	17,000
Other 4/	1	144	6	1,300
Total	47	5,450	436	57,900
<b>East Coast:</b>				
Boston, MA	73	6,430	309	28,500
Charleston, SC	4	1,240	17	6,160
New York, NY	54	8,520	226	55,600
Norfolk, VA	3	1,930	67	19,900
Philadelphia, PA	--	--	17	2,170
Portland, ME	25	2,040	61	5,740
Providence, RI	142	13,500	377	34,400
St. Albans, VT	4	410	18	3,910
Other	59	8,290	343 r/	49,000 r/
Total	365	42,400	1,430	205,000
<b>Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):</b>				
Houston-Galveston, TX	2	842	47	23,900
Laredo, TX	13	1,360	139	15,200
Mobile, AL	3	1,900	16	9,290
New Orleans, LA	3	2,150	98	61,400
Nogales, AZ	1	186	45	5,010
San Juan, PR	(5/)	8	22	1,410
Tampa, FL	1	110	52	5,050
Other	--	--	25 r/	1,720 r/
Total	23	6,550	444	123,000
<b>West Coast and Hawaii:</b>				
Columbia-Snake	3	761	21	8,210
Honolulu, HI, and Anchorage, AK	1	1,060	78	10,400
Los Angeles, CA	218	26,400	1,130	181,000
San Diego, CA	(5/)	49	11	1,220
San Francisco, CA	83	11,400	712	95,000
Seattle, WA	37	5,130	263	37,800
Total	341	44,800	2,210	333,000
Grand total	776	99,100	4,530	720,000

r/ Revised; unspecified group of Customs districts differs from that in the previous report. -- Zero.

1/ Re-export activity for August 2001 amounted to 1,270 metric tons valued at \$210,000.

2/ 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" (f.a.s.) basis.

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

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

5/ Less than 1/2 unit.

Source: U.S. Census Bureau.



TABLE 8  
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE 1/ 2/

(Thousand metric tons and thousand dollars)

Item	August 2001		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	148	13,000	638	58,700
No. 2 heavy melting steel	34	2,880	131	11,000
No. 1 bundles	(3/)	50	10	949
No. 2 bundles	47	4,090	143	12,700
Shredded steel scrap	246	23,500	1,450	138,000
Borings, shovelings and turnings	11	644	120	7,790
Cut plate and structural	32	3,030	172	16,900
Tinned iron or steel	5	1,210	68	17,000
Remelting scrap ingots	(3/)	368	3	3,290
Cast iron	56	8,490	374	59,900
Other iron and steel	137	10,000	675	68,100
Total carbon steel and cast iron	717	67,300	3,780	395,000
Stainless steel	21	14,400	328	201,000
Other alloy steel	38	17,500	415	125,000
Total stainless and alloy steel	59	31,800	743	325,000
Total carbon, stainless, alloy steel and cast iron	776	99,100	4,530	720,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3/)	3	25	1,640
Used rails for rerolling and other uses	6	1,790	31	11,900
Total scrap exports	781	101,000	4,580	733,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	66	15	2,300
Pig iron > 0.5% phosphorus	(3/)	21	1	131
Alloy pig iron	(3/)	8	14	1,410
Total pig iron	1	95	31	3,840
Direct-reduced iron (DRI)	(3/)	7	(3/)	26
Spongy iron products, not DRI	(3/)	186	2	1,060
Granules for abrasive cleaning and other uses	3	1,640	15	9,720
Powders of alloy steel	1	651	4	7,080
Other ferrous powders	2	3,320	18	33,100
Total DRI, granules, powders	6	5,810	39	51,000
Grand total	788	107,000	4,650	788,000

-- Zero.

1/ Export valuation is on a "free alongside ship" (f.a.s.) basis.

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

3/ Less than 1/2 unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Country	August 2001		Year to date	
	Quantity	Value	Quantity	Value
Bahamas, The	1	54	4	155
Belgium	--	--	11	6,550
Canada	119	12,400	1,190	113,000
Denmark	(3/)	4	57	5,120
Dominican Republic	2	194	20	1,950
Jamaica	--	--	4	335
Japan	(3/)	57	40	1,440
Mexico	4	1,530	34	13,600
Netherlands	--	--	27	2,480
Sweden	--	--	144	13,800
United Kingdom	61	6,050	357	34,700
Other	1	525	10 r/	4,610 r/
Total	188	20,800	1,890	198,000

r/ Revised; unspecified group of countries differs from that in the previous report. -- Zero.

1/ 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.

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

3/ Less than 1/2 unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Customs district	August 2001		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	10	1,650	101	16,000
Charleston, SC	60	5,960	440	42,100
Chicago, IL	10	458	13	1,540
Detroit, MI	77	7,680	750	65,700
Laredo, TX	2	821	17	8,180
New Orleans, LA	2	194	206	25,400
New York City, NY	1	137	2	643
Ogdensburg, NY	1	783	35	4,240
San Diego, CA	1	418	7	2,570
Seattle, WA	21	1,650	210	17,100
Other	3	1,070	113 r/	14,200 r/
Total	188	20,800	1,890	198,000

r/ Revised; unspecified group of countries differs from that in the previous report.

1/ 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.

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

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Item	August 2001		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	(3/)	36	9	738
No. 2 heavy melting steel	--	--	--	--
No. 1 bundles	16	1,670	173	17,000
No. 2 bundles	--	--	(3/)	3
Shredded steel scrap	49	4,770	592	54,200
Borings, shovelings and turnings	1	88	65	6,780
Cut plate and structural	4	371	36	3,510
Tinned iron or steel	(3/)	53	4	748
Remelting scrap ingots	(3/)	17	1	90
Cast iron	35	2,580	215	15,000
Other iron and steel	68	7,000	571	59,700
Total carbon steel and cast iron	173	16,600	1,670	158,000
Stainless steel	5	2,720	86	22,200
Other alloy steel	10	1,510	144	17,700
Total stainless and alloy steel	14	4,230	229	39,900
Total carbon, stainless, alloy steel and cast iron	188	20,800	1,890	198,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3/)	3	(3/)	8
Used rails for rerolling and other uses	2	365	104	15,200
Total scrap imports	190	21,200	2,000	213,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	468	50,200	2,800	306,000
Pig iron > 0.5% phosphorus	--	--	28	3,000
Alloy pig iron	40	4,330	75	8,100
Total pig iron	508	54,500	2,900	317,000
Direct-reduced iron (DRI)	23	1,850	961	82,800
Spongy iron products, not DRI	1	522	17	5,180
Granules for abrasive cleaning and other uses	3	1,480	12	7,370
Powders of alloy steel	2	2,210	27	27,800
Other ferrous powders	4	3,640	42	38,600
Total DRI, granules, powders	33	9,700	1,060	162,000
Grand total	730	85,400	5,960	692,000

-- Zero.

1/ Import valuation is on a Customs basis.

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

3/ Less than 1/2 unit.

Source: U.S. Census Bureau.

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

Period	Raw steel production, thousand metric tons 1/		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date	Monthly	Year to date	Monthly	Year to date
<b>2000:</b>						
September	8,010	78,600	82.7	89.0	96.3	96.1
October	8,140	87,000	81.0	88.4	96.3	96.1
November	7,310	94,300	75.1	87.2	96.4	96.2
December	7,240	107,000	72.0	85.9	96.5	96.2
<b>2001:</b>						
January	7,690	7,690	77.6	77.6	96.8	96.8
February	7,370	15,100	82.3	79.8	96.7	96.7
March	8,100	23,200	81.8	80.8	96.7	96.7
April	7,880	31,000	82.9	81.0	96.9	96.8
May	8,010	39,000	81.5	81.1	97.0	96.8
June	7,760	46,800	81.6	81.2	96.5	96.8
July	7,670	54,500	79.8	81.1	97.2	96.8
August	7,730	62,300	80.4	81.0	97.0	96.9
September	7,500	69,700	80.5	80.9	96.9	96.9

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

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	
	\$/t	\$/t	\$/t	\$/t	\$/t	\$/t
<b>2000:</b>						
September	92.00	90.55	89.00	87.59	148.40	146.06
October	82.56	81.26	80.60	79.33	148.40	146.06
November	74.53	73.35	74.45	73.27	148.40	146.06
December	78.60	77.36	77.54	76.32	138.40	136.21
Average	97.42	95.89	94.10	92.61	150.34	147.97
<b>2001:</b>						
January	84.83	83.49	83.30	81.98	128.40	126.37
February	75.37	74.18	74.63	73.45	128.40	126.37
March	76.77	75.56	76.06	74.86	128.40	126.37
April	77.90	76.67	75.83	74.63	128.40	126.37
May	76.67	75.46	76.25	75.05	128.40	126.37
June	78.62	77.38	77.00	75.78	129.48	127.44
July	79.81	78.55	78.47	77.23	132.59	130.50
August	80.00	78.74	78.42	77.18	132.59	130.50
September	80.00	78.74	77.75	76.52	132.59	130.50

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