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Mineral Industry Surveys

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IRON AND STEEL SCRAP IN OCTOBER 2001

On a daily basis in October 2001, estimated consumption of iron and steel scrap, daily average production of home scrap, and net receipts of purchased scrap were each down by 3% compared with that of September 2001, according to the U.S. Geological Survey. Compared with September 2001 data, stocks of purchased and home scrap at the end of the month were down less than 1%. These observations are based upon responses from 42% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 45% of the total scrap consumption in those sectors, and estimates for nonrespondents of this survey.

On a daily average basis, pig iron production was down 6% and consumption was down 2% compared with those of September 2001. Stocks of pig iron at month's end decreased by 3% compared with those of September 2001.

Exports of iron and steel scrap for the month of September 2001 decreased 32% from those of August 2001. China was the leading country of destination, accounting for 45% of the total tonnage of exports in September 2001, followed by Canada with 17% and Malaysia with 11%. Los Angeles and San Francisco, CA, were the leading U.S. Customs districts for tonnage of exports in September 2001, each accounting for 19% of the total, followed by New York, NY, with 13%.

Imports of iron and steel scrap for September 2001 increased 16% compared with those of August 2001. Canada was the leading country of origin, accounting for 61% of the total imports in September 2001, followed by Sweden and the United Kingdom, each with 17%. Charleston, SC, was the leading Customs district for tonnage of imports in September 2001, accounting for 35% of the total, followed by Detroit, MI, with 34% and Wilmington, NC, with 13%.

According to the American Iron and Steel Institute (AISI), the daily average domestic raw steel production for October 2001 amounted to 238,000 metric tons, down 5% from 250,000 tons for September 2001 and down 9% from 263,000 tons for October 2000. The electric furnace portion of raw steel production for October 2001 was 47.5%, up 2% from that of September 2001 and down 2% from that of October 2000.

Raw steel capability utilization (AISI data) in October 2001 was 77.5%, down 4% from both that of September 2001 and from that of October 2000. Continuous cast steel production in the United States accounted for 97.0% of total raw steel production in October 2001, about the same as that of September 2001 and up about 1% from that of October 2000.

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

(Thousand metric tons)

	October 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
Scrap:						
Receipts from dealers and other sources	1,100	2,600	3,700	10,000	26,000	36,000
Receipts from other own company plants	W	W	160	W	W	1,800
Production recirculating scrap	730	380	1,100	7,200	4,000	11,000
Production obsolete scrap	10	2	12	98	23	120
Consumption (by type of furnace):						
Blast furnace	(5/)	--	(5/)	(5/)	--	(5/)
Basic oxygen process	W	W	1,300	W	W	13,000
Electric furnace	W	W	3,500	W	W	35,000
Other (including air furnace) 6/	(5/)	--	(5/)	(5/)	--	(5/)
Total consumption	1,700	3,100	4,800	17,000	31,000	48,000
Shipments	130	32	160	1,600	76	1,600
Stocks end of month	2,300	2,100	4,400	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	760	100	860	6,900	1,200	8,100
Production	3,100	--	3,100	34,000	(7/)	34,000
Consumption (by type of furnace):						
Basic oxygen process	W	W	3,800	W	W	40,000
Direct castings 8/	(5/)	(5/)	(5/)	(5/)	(5/)	(5/)
Electric furnace	W	W	(5/)	W	W	(5/)
Total consumption	3,700	88	3,800	39,000	950	40,000
Shipments	(9/)	(9/)	(9/)	(9/)	(9/)	(9/)
Stocks end of month	W	W	590	XX	XX	XX
Direct-reduced iron: 10/						
Receipts	170	71	240	1,200	680	1,900
Total consumption	100	67	170	1,200	680	1,900
Shipments	1	--	1	14	--	14
Stocks end of month	290	37	320	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. October 2001 data are based on returns from 43% of monthly respondents, representing 45% 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	October 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	19	W	19	18	240	W	240
Cut structural and plate	340	66	400	240	3,200	580	3,800
No. 1 heavy melting steel	450	310	800	670	4,300	3,200	7,800
No. 2 heavy melting steel	460	38	500	430	4,400	410	5,000
No. 1 and electric furnace bundles	420	W	530	310	4,500	W	5,800
No. 2 and all other bundles	78	W	76	37	750	W	780
Electric furnace 1 foot and under (not bundles)	--	W	W	W	--	W	W
Railroad rails	14	W	18	9	160	W	200
Turnings and borings	180	6	200	92	1,700	58	1,900
Slag scrap	68	130	170	150	730	1,200	1,800
Shredded and fragmentized	770	W	880	540	7,700	W	8,800
No. 1 busheling	440	10	440	330	4,500	110	4,500
Steel cans (post consumer)	15	W	20	W	160	W	210
All other carbon steel scrap	180	210	360	370	1,700	2,100	3,600
Stainless steel scrap	70	26	94	39	610	310	930
Alloy steel scrap	24	45	62	65	240	420	640
Ingot mold and stool scrap	W	12	8	21	W	110	71
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	24	W	22	11	190	W	190
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	28	35	58	W	250	380	630
Other mixed scrap	76	32	110	560	890	350	1,300
Total	3,700	1,100	4,800	4,400	36,000	11,000	48,000

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)

	October 2001			Year to date p/		
Region and State	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap 3/	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap 3/
Mid-Atlantic and New England:						
New Jersey and New York	W	W	W	W	W	W
Pennsylvania	W	W	W	W	W	W
Total	390	180	600	3,900	1,900	6,200
North Central:						
Illinois and Indiana	540	430	980	5,400	4,400	9,900
Iowa, Minnesota, Missouri, Nebraska, Wisconsin	240	21	250	2,300	210	2,500
Michigan	180	96	210	2,000	720	2,300
Ohio	480	130	580	4,700	1,400	5,900
Total	1,400	670	2,000	14,000	6,700	21,000
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	190	73	260	1,600	660	2,400
Florida, Georgia, North Carolina, South Carolina	290	19	300	2,800	180	2,900
Total	480	92	560	4,300	840	5,300
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	440	53	490	4,400	520	4,800
Arkansas, Louisiana, Oklahoma, Texas	590	61	740	5,900	680	7,300
Total	1,000	110	1,200	10,000	1,200	12,000
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	320	57	380	3,500	580	4,100
Grand total	3,700	1,100	4,800	36,000	11,000	48,000

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)

	October 2001					Year to date p/				
Item	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	11	5	W	2	--	120	79	W	38	--
Cut structural and plate	42	130	76	63	25	420	1,300	670	580	250
No. 1 heavy melting steel	43	140	40	170	48	470	1,300	440	1,600	540
No. 2 heavy melting steel	11	160	68	160	66	110	1,500	600	1,500	690
No. 1 and electric furnace bundles	26	310	23	45	15	280	3,400	220	510	130
No. 2 and all other bundles	8	36	4	20	10	84	310	49	190	120
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	--	--	--	--
Railroad rails	W	W	(5/)	5	W	W	W	5	50	W
Turnings and borings	27	40	30	75	5	270	390	280	730	58
Slag scrap	18	18	7	25	W	180	200	66	270	W
Shredded and fragmentized	37	220	170	260	92	370	2,100	1,500	2,600	970
No. 1 busheling	65	190	31	140	12	630	1,800	260	1,600	130
Steel cans (post consumer)	5	W	W	W	W	55	W	W	W	W
All other carbon steel scrap	20	120	8	25	W	220	1,100	81	250	W
Stainless steel scrap	61	9	--	--	--	530	88	--	--	--
Alloy steel scrap	8	W	--	W	--	87	W	--	W	--
Ingot mold and stool scrap	(5/)	W	--	--	--	4	W	--	--	--
Machinery and cupola cast iron	--	6	1	W	--	--	55	3	W	--
Cast iron borings	W	W	W	9	--	W	W	W	65	--
Motor blocks	(5/)	--	W	--	--	(5/)	--	W	--	--
Other iron scrap	W	12	W	3	W	W	110	W	26	W
Other mixed scrap	W	W	3	18	W	W	W	37	170	W
Total	390	1,400	480	1,000	320	3,900	14,000	4,300	10,000	3,500

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	October 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	--	120	79	W	W	--
Cut structural and plate	56	140	100	77	25	600	1,400	900	660	250
No. 1 heavy melting steel	90	330	76	220	86	940	3,300	690	2,000	900
No. 2 heavy melting steel	18	170	69	180	69	180	1,700	650	1,700	720
No. 1 and electric furnace bundles	35	400	28	52	18	370	4,400	280	560	150
No. 2 and all other bundles	9	33	4	21	10	87	310	52	210	120
Electric furnace 1 foot and under (not bundles)	--	13	--	--	--	--	81	--	--	--
Railroad rails	W	W	(4/)	7	W	W	W	5	68	W
Turnings and borings	32	46	29	85	6	310	440	280	770	71
Slag scrap	27	84	14	47	W	280	920	130	500	W
Shredded and fragmentized	68	240	170	300	98	690	2,400	1,700	3,000	1,000
No. 1 busheling	68	190	34	140	12	710	1,800	280	1,600	130
Steel cans (post consumer)	6	W	W	W	W	73	W	W	W	W
All other carbon steel scrap	48	230	19	55	W	510	2,300	200	560	W
Stainless steel scrap	83	11	--	--	--	820	110	--	--	--
Alloy steel scrap	19	41	--	W	--	190	420	--	W	--
Ingot mold and stool scrap	6	2	--	(4/)	--	48	17	--	7	--
Machinery and cupola cast iron	--	5	1	W	--	--	53	3	W	--
Cast iron borings	W	W	W	10	--	W	W	W	66	--
Motor blocks	(4/)	--	W	--	--	(4/)	--	W	--	--
Other iron scrap	W	33	W	4	W	W	380	W	44	W
Other mixed scrap	W	40	5	18	W	W	420	98	170	W
Total	600	2,000	560	1,200	380	6,200	21,000	5,300	12,000	4,100

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)

	September 2001		Year to date	
Region and country	Quantity	Value	Quantity	Value
North America and South America:				
Bahamas, The	1	79	4	523
Belize	(3/)	64	1	392
Brazil	(3/)	15	3	1,070
Canada	89	9,530	830	96,700
Costa Rica	(3/)	9	2	268
Dominican Republic	(3/)	29	3	856
Mexico	57	5,730	603	59,200
Venezuela	(3/)	153	1	745
Other	(3/)	10	2	896
Total	147	15,600	1,450	161,000
Africa, Europe, Middle East:				
Belgium	1	401	6	3,980
France	--	--	10	1,200
Germany	3	1,720	17	11,200
Italy	(3/)	195	9	4,900
Netherlands	(3/)	23	14	7,670
Spain	--	--	12	605
Turkey	(3/)	17	47	3,950
United Kingdom	1	430	13	4,320
Other	(3/)	44	13	5,090
Total	6	2,830	141	42,900
Asia, Australia, Oceania:				
Australia	(3/)	5	4	626
China	236	38,200	1,990	314,000
Hong Kong	5	2,200	31	12,400
India	4	1,420	43	17,700
Indonesia	1	126	6	1,440
Japan	2	1,090	38	22,600
Korea, Republic of	50	8,150	838	121,000
Malaysia	58	5,380	213	19,900
Philippines	(3/)	180	12	6,480
Singapore	(3/)	18	4	813
Taiwan	15	8,240	244	77,900
Thailand	(3/)	27	34	3,570
Vietnam	1	199	4	1,330
Other	(3/)	13	1	400
Total	372	65,300	3,460	600,000
Grand total	525	83,700	5,050	803,000

-- 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)

	September 2001		Year to date	
Region and customs district	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	5	1,190	78	18,200
Detroit, MI	13	1,770	130	18,600
Ogdensburg, NY	2	423	38	6,090
Pembina, ND	26	2,290	230	19,300
Other 4/	1	127	7	1,430
Total	47	5,800	483	63,700
East Coast:				
Boston, MA	12	1,220	320	29,700
Charleston, SC	3	1,610	20	7,770
New York, NY	69	9,240	295	64,900
Norfolk, VA	29	3,680	96	23,600
Philadelphia, PA	(5/)	5	17	2,180
Portland, ME	2	241	63	5,980
Providence, RI	--	--	377	34,400
St. Albans, VT	1	217	19	4,130
Other	45	5,950	387	54,900
Total	161	22,200	1,600	228,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
Houston-Galveston, TX	1	612	48	24,500
Laredo, TX	20	2,110	159	17,300
Mobile, AL	3	1,640	19	10,900
New Orleans, LA	11	6,140	108	67,600
Nogales, AZ	7	708	52	5,720
San Juan, PR	2	222	24	1,630
Tampa, FL	27	2,730	79	7,780
Other	(5/)	22	26	1,740
Total	71	14,200	515	137,000
West Coast and Hawaii:				
Columbia-Snake	6	1,850	27	10,100
Honolulu, HI, and Anchorage, AK	(5/)	109	79	10,500
Los Angeles, CA	100	20,300	1,230	201,000
San Diego, CA	(5/)	33	11	1,250
San Francisco, CA	100	13,000	812	108,000
Seattle, WA	38	6,220	301	44,000
Total	245	41,600	2,460	375,000
Grand total	525	83,700	5,050	803,000

-- Zero.
1/ Re-export activity for September 2001 amounted to 724 metric tons valued at $146,000.
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	September 2001 Quantity	September 2001 Value	Year to date Quantity	Year to date Value
No. 1 heavy melting steel	30	2,750	668	61,400
No. 2 heavy melting steel	8	671	139	11,700
No. 1 bundles	1	95	11	1,040
No. 2 bundles	32	2,810	175	15,500
Shredded steel scrap	204	19,800	1,650	158,000
Borings, shovelings and turnings	8	459	128	8,250
Cut plate and structural	30	2,820	202	19,700
Tinned iron or steel	4	1,080	72	18,100
Remelting scrap ingots	(3/)	242	3	3,540
Cast iron	66	8,250	440	68,200
Other iron and steel	65	7,290	740	75,400
Total carbon steel and cast iron	449	46,300	4,230	441,000
Stainless steel	26	16,300	354	217,000
Other alloy steel	50	21,100	465	146,000
Total stainless and alloy steel	76	37,400	819	363,000
Total carbon, stainless, alloy steel and cast iron	525	83,700	5,050	803,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3/)	36	25	1,670
Used rails for rerolling and other uses	1	411	33	12,300
Total scrap exports	526	84,200	5,110	817,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3/)	55	16	2,360
Pig iron > 0.5% phosphorus	(3/)	12	1	143
Alloy pig iron	(3/)	15	14	1,430
Total pig iron	1	82	32	3,930
Direct-reduced iron (DRI)	--	--	(3/)	26
Spongy iron products, not DRI	(3/)	188	2	1,250
Granules for abrasive cleaning and other uses	2	1,260	17	11,000
Powders of alloy steel	1	841	5	7,930
Other ferrous powders	3	4,520	21	37,600
Total DRI, granules, powders	5	6,810	45	57,800
Grand total	532	91,000	5,180	879,000

-- 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	September 2001 Quantity	September 2001 Value	Year to date Quantity	Year to date Value
Bahamas, The	1	50	5	205
Belgium	--	--	11	6,550
Canada	133	14,300	1,320	127,000
Denmark	(3/)	4	57	5,120
Dominican Republic	2	188	22	2,140
Jamaica	--	--	4	335
Japan	2	142	42	1,580
Mexico	4	1,350	39	14,900
Netherlands	--	--	27	2,480
Sweden	38	3,730	182	17,500
United Kingdom	38	3,730	395	38,500
Other	(3/)	306	10 r/	4,910 r/
Total	218	23,800	2,110	221,000

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	September 2001 Quantity	September 2001 Value	Year to date Quantity	Year to date Value
Buffalo, NY	9	2,190	110	18,200
Charleston, SC	76	7,460	515	49,600
Cleveland, OH	2	119	16	1,180
Detroit, MI	73	7,110	823	72,800
El Paso, TX	2	164	9	1,960
Larado, TX	2	739	19	8,920
New Orleans, LA	2	188	208	25,600
Ogdensburg, NY	1	495	36	4,740
Seattle, WA	20	1,630	231	18,800
Wilmington, NC	29	2,500	70	5,740
Other	4	1,230	75 r/	14,000 r/
Total	218	23,800	2,110	221,000

r/ Revised; unspecified group of Customs districts 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	September 2001 Quantity	September 2001 Value	Year to date Quantity	Year to date Value
No. 1 heavy melting steel	3	218	11	956
No. 2 heavy melting steel	--	--	--	--
No. 1 bundles	16	1,660	189	18,700
No. 2 bundles	--	--	(3/)	3
Shredded steel scrap	94	8,750	686	62,900
Borings, shovelings and turnings	12	1,240	77	8,020
Cut plate and structural	4	371	39	3,890
Tinned iron or steel	1	60	5	809
Remelting scrap ingots	1	79	2	169
Cast iron	26	2,200	241	17,200
Other iron and steel	49	5,380	620	65,100
Total carbon steel and cast iron	206	20,000	1,870	178,000
Stainless steel	4	2,400	90	24,600
Other alloy steel	8	1,470	152	19,100
Total stainless and alloy steel	12	3,860	242	43,700
Total carbon, stainless, alloy steel and cast iron	218	23,800	2,110	221,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3/)	8
Used rails for rerolling and other uses	20	2,640	124	17,800
Total scrap imports	238	26,500	2,240	239,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	262	29,500	3,060	336,000
Pig iron > 0.5% phosphorus	12	1,260	40	4,260
Alloy pig iron	--	--	75	8,100
Total pig iron	274	30,700	3,170	348,000
Direct-reduced iron (DRI)	238	22,100	1,200	105,000
Spongy iron products, not DRI	1	487	18	5,670
Granules for abrasive cleaning and other uses	2	1,120	14	8,490
Powders of alloy steel	4	3,830	31	31,600
Other ferrous powders	4	4,130	46	42,800
Total DRI, granules, powders	248	31,700	1,310	193,000
Grand total	760	88,900	6,720	781,000

-- 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

	Raw steel production, thousand metric tons 1/		Raw steel capability utilization, percent		Continuous cast steel production, percent	
Period	Monthly	Year to date	Monthly	Year to date	Monthly	Year to date
2000:						
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
2001:						
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
October	7,370	77,400	77.5	80.9	97.0	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

	American Metal Market No. 1 HMS		Iron Age No. 1 HMS		Iron Age Pig Iron	
Period	$/lt	$/t	$/lt	$/t	$/lt	$/t
2000:						
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
2001:						
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
October	73.29	72.13	73.10	71.95	132.59	130.50

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