

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN AUGUST 2001

On a daily basis in August 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 were all about the same compared with those of July 2001, according to the U.S. Geological Survey. These observations are based upon responses from 44% 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 nonrespondents of this survey.

On a daily average basis, pig iron production, consumption, and stocks at month's end were all about the same as those of July 2001.

Exports of iron and steel scrap for the month of July 2001 increased 23% from those of June 2001. China was the leading country of destination, accounting for 40% of the total tonnage of exports in July 2001, followed by Canada with 18% and the Republic of Korea with 16%. Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports in July 2001, accounting for 35% of the total, followed by San Francisco, CA, with 13% and Seattle, WA, with 6%.

Imports of iron and steel scrap for July 2001 decreased 42% compared with those of June 2001. Canada was the leading country of origin, accounting for 75% of the total imports in July 2001, followed by Japan with 20% and Mexico with 3%. Detroit, MI, was the leading Customs district for tonnage of imports in July 2001, accounting for 49% of the total, followed by Los Angeles, CA, with 18% and Seattle, WA, with 17%.

According to the American Iron and Steel Institute (AISI), the daily average domestic raw steel production for August 2001 amounted to 249,000 metric tons, up less than 1% from 248,000 tons for July 2001 and down 7% from 270,000 tons for August 2000. The electric furnace portion of raw steel production for August 2001 was 45.7%, down about 1% from that of July 2001 and down 3% from August 2000.

Raw steel capability utilization (AISI data) in August 2001 was 80.4%, up about 1% from that of July 2001 and down 4% from that of August 2000. Continuous cast steel production in the United States accounted for 97.0% of total raw steel production in August 2001, about the same as that of July 2001 and up 1% from that of July 2000.

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

(Thousand metric tons)

	August 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	8,300	21,000	29,000
Receipts from other own company plants	W	W	200	W	W	1,400
Production recirculating scrap	720	390	1,100	5,700	3,200	8,900
Production obsolete scrap	10	2	12	78	19	97
Consumption (by type of furnace):						
Blast furnace	(5/)	--	(5/)	(5/)	--	(5/)
Basic oxygen process	W	W	1,300	W	W	11,000
Electric furnace	W	W	3,500	W	W	28,000
Other (including air furnace) 6/	(5/)	--	(5/)	(5/)	--	(5/)
Total consumption	1,800	3,000	4,800	14,000	25,000	39,000
Shipments	170	8	180	1,200	36	1,300
Stocks end of month	2,100	2,200	4,300	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	760	120	880	5,500	990	6,500
Production	3,400	--	3,400	28,000	--	28,000
Consumption (by type of furnace):						
Basic oxygen process	W	W	4,100	W	W	33,000
Direct castings 7/	(5/)	--	(5/)	(5/)	--	(5/)
Electric furnace	W	W	(5/)	W	W	(5/)
Total consumption	4,000	91	4,100	32,000	760	33,000
Shipments	(8/)	(8/)	(8/)	(8/)	(8/)	(8/)
Stocks end of month	W	W	600	XX	XX	XX
Direct-reduced iron: 9/						
Receipts	190	57	240	910	530	1,400
Total consumption	130	63	190	950	540	1,500
Shipments	1	--	1	12	--	12
Stocks end of month	230	27	260	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. August 2001 data are based on returns from 44% 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/ Includes ingot molds and stools.

8/ Withheld to avoid disclosing company proprietary data.

9/ 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	August 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	23	W	21	18	200	W	200
Cut structural and plate	320	64	370	260	2,600	460	3,000
No. 1 heavy melting steel	440	310	780	640	3,400	2,600	6,300
No. 2 heavy melting steel	460	42	500	430	3,500	330	4,000
No. 1 and electric furnace bundles	440	W	580	300	3,600	W	4,700
No. 2 and all other bundles	76	W	79	34	600	W	630
Electric furnace 1 foot and under (not bundles)	--	W	W	W	--	W	W
Railroad rails	15	W	16	13	130	W	160
Turnings and borings	170	5	180	110	1,400	46	1,500
Slag scrap	79	140	190	150	590	960	1,500
Shredded and fragmentized	800	W	890	510	6,100	W	7,000
No. 1 busheling	460	10	430	330	3,600	87	3,600
Steel cans (post consumer)	15	W	20	W	130	W	170
All other carbon steel scrap	180	200	350	370	1,400	1,700	2,900
Stainless steel scrap	75	29	100	34	470	240	720
Alloy steel scrap	24	44	68	63	190	340	520
Ingot mold and stool scrap	W	13	8	21	W	82	54
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	19	W	19	7	150	W	150
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	25	40	61	W	200	310	510
Other mixed scrap	84	31	120	580	730	280	1,100
Total	3,700	1,100	4,800	4,300	29,000	8,900	39,000

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	August 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/
Mid-Atlantic and New England:						
New Jersey and New York	W	W	W	W	W	W
Pennsylvania	W	W	W	W	W	W
Total	410	180	620	3,100	1,500	4,900
North Central:						
Illinois and Indiana	550	430	970	4,300	3,500	8,000
Iowa, Minnesota, Missouri, Nebraska, Wisconsin	230	21	250	1,900	170	2,000
Michigan	220	96	250	1,600	530	1,900
Ohio	480	120	620	3,700	1,100	4,800
Total	1,500	670	2,100	11,000	5,400	17,000
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	150	72	230	1,200	510	1,900
Florida, Georgia, North Carolina, South Carolina	290	18	300	2,200	140	2,400
Total	440	90	530	3,400	660	4,200
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	450	52	470	3,500	410	3,900
Arkansas, Louisiana, Oklahoma, Texas	620	62	700	4,600	560	5,700
Total	1,100	110	1,200	8,200	970	9,600
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	310	56	370	2,900	460	3,400
Grand total	3,700	1,100	4,800	29,000	8,900	39,000

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	August 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	13	6	W	4	--	94	69	W	31	--
Cut structural and plate	43	130	60	59	23	340	1,100	530	450	200
No. 1 heavy melting steel	44	150	47	150	45	380	1,000	350	1,200	450
No. 2 heavy melting steel	11	150	66	160	62	91	1,200	460	1,200	560
No. 1 and electric furnace bundles	25	340	23	42	15	220	2,700	180	430	100
No. 2 and all other bundles	9	35	2	20	10	67	240	42	160	98
Electric furnace 1 foot and under (not bundles)	--	--	--	--	--	--	--	--	--	--
Railroad rails	W	W	(5/)	7	W	W	W	4	42	W
Turnings and borings	29	39	26	75	5	220	310	220	570	48
Slag scrap	18	28	7	25	W	140	160	52	220	W
Shredded and fragmented	37	220	160	290	88	300	1,700	1,200	2,100	790
No. 1 busheling	68	190	24	160	12	490	1,500	200	1,300	100
Steel cans (post consumer)	5	W	W	W	W	46	W	W	W	W
All other carbon steel scrap	21	110	8	35	W	170	910	65	200	W
Stainless steel scrap	66	9	--	--	--	390	70	--	--	--
Alloy steel scrap	9	W	--	W	--	70	W	--	W	--
Ingot mold and stool scrap	--	W	--	--	--	2	W	--	--	--
Machinery and cupola cast iron	--	6	1	W	--	--	44	2	W	--
Cast iron borings	W	W	W	7	--	W	W	W	52	--
Motor blocks	(5/)	--	W	--	--	(5/)	--	W	--	--
Other iron scrap	W	10	W	3	W	W	87	W	20	W
Other mixed scrap	W	W	5	18	W	W	W	31	130	W
Total	410	1,500	440	1,100	310	3,100	11,000	3,400	8,200	2,900

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	August 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	--	95	69	W	W	--
Cut structural and plate	63	140	83	63	23	480	1,100	710	510	200
No. 1 heavy melting steel	90	330	71	200	86	760	2,600	550	1,600	730
No. 2 heavy melting steel	21	180	67	170	63	150	1,400	510	1,400	590
No. 1 and electric furnace bundles	34	450	28	54	18	290	3,600	220	460	110
No. 2 and all other bundles	9	38	3	20	10	70	250	44	170	98
Electric furnace 1 foot and under (not bundles)	--	6	--	--	--	--	60	--	--	--
Railroad rails	W	W	(4/)	5	W	W	W	4	53	W
Turnings and borings	29	45	26	78	6	250	350	220	600	59
Slag scrap	28	98	13	49	W	220	740	100	410	W
Shredded and fragmentized	70	240	180	310	94	560	1,900	1,300	2,400	850
No. 1 busheling	69	190	26	140	12	560	1,400	220	1,200	100
Steel cans (post consumer)	7	W	W	W	W	61	W	W	W	W
All other carbon steel scrap	46	220	19	57	W	410	1,800	160	450	W
Stainless steel scrap	90	11	--	--	--	630	88	--	--	--
Alloy steel scrap	19	47	--	W	--	150	340	--	W	--
Ingot mold and stool scrap	6	2	--	(4/)	--	35	14	--	5	--
Machinery and cupola cast iron	--	5	1	W	--	--	43	2	W	--
Cast iron borings	W	W	W	6	--	W	W	W	52	--
Motor blocks	(4/)	--	W	--	--	(4/)	--	W	--	--
Other iron scrap	W	35	W	5	W	W	310	W	35	W
Other mixed scrap	W	41	6	18	W	W	340	86	130	W
Total	620	2,100	530	1,200	370	4,900	17,000	4,200	9,600	3,400

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	July 2001		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Bahamas, The	(3/)	6	3	428
Brazil	(3/)	110	3	972
Canada	98	11,100	638	76,400
Costa Rica	1	64	2	231
Dominican Republic	(3/)	39	2	652
Mexico	71	7,090	484	47,100
Venezuela	(3/)	43	1	452
Other	(3/)	138	2	1,050
Total	170	18,500	1,130	127,000
Africa, Europe, Middle East:				
Belgium	(3/)	4	5	3,330
France	(3/)	165	9	986
Germany	5	3,090	11	7,360
Ireland	--	--	2	55
Israel	(3/)	53	4	2,170
Italy	(3/)	77	8	4,650
Netherlands	1	53	13	7,390
Spain	2	154	12	600
Switzerland	(3/)	127	1	340
Turkey	--	--	47	3,940
United Arab Emirates	--	--	3	427
United Kingdom	1	286	11	2,940
Other	--	--	3 r/	2,540 r/
Total	8	4,010	130	36,700
Asia, Australia, Oceania:				
Australia	--	--	4	67
China	220	39,500	1,410	228,000
Hong Kong	3	1,470	22	8,770
India	3	1,150	34	14,500
Indonesia	1	162	4	962
Japan	1	1,350	35	20,200
Korea, Republic of	87	15,900	619	94,900
Malaysia	(3/)	89	111	10,700
Philippines	(3/)	306	11	6,040
Singapore	(3/)	110	3	730
Taiwan	25	15,200	195	67,400
Thailand	27	2,640	34	3,500
Vietnam	(3/)	91	3	921
Other	(3/)	51	1	258
Total	369	78,000	2,490	457,000
Grand total	548	101,000	3,750	621,000

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	July 2001		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	5	1,270	66	15,700
Detroit, MI	14	1,840	103	15,200
Ogdensburg, NY	5	744	34	5,300
Pembina, ND	28	2,410	182	15,100
Other 4/	(5/)	51	5	1,160
Total	53	6,310	389	52,400
East Coast:				
Boston, MA	32	3,290	235	22,100
New York, NY	23	8,700	172	47,100
Norfolk, VA	3	1,970	64	18,000
Philadelphia, PA	16	1,910	17	2,170
Portland, ME	1	129	36	3,700
Providence, RI	--	--	236	20,800
Other	52	10,200	310	51,300
Total	127	26,200	1,070	165,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
Houston-Galveston, TX	3	2,100	44	23,100
Laredo, TX	11	1,230	126	13,900
New Orleans, LA	30	18,100	94	59,300
San Juan, PR	2	154	22	1,400
Tampa, FL	27	2,500	51	4,940
Other	1	20,800	82	78,200
Total	74	44,800	420	181,000
West Coast and Hawaii:				
Columbia-Snake	2	685	18	7,450
Honolulu, HI, and Anchorage, AK	1	382	78	9,330
Los Angeles, CA	190	30,000	910	154,000
San Diego, CA	(5/)	24	11	1,170
San Francisco, CA	69	9,140	629	83,600
Seattle, WA	33	5,440	225	32,700
Total	294	45,700	1,870	289,000
Grand total	548	123,000	3,750	687,000

-- Zero.

1/ Re-export activity for July 2001 amounted to 1,261 metric tons valued at \$231,742.

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	July 2001		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	69	6,180	490	45,700
No. 2 heavy melting steel	8	617	97	8,130
No. 1 bundles	2	186	9	899
No. 2 bundles	18	1,610	96	8,600
Shredded steel scrap	227	22,200	1,200	115,000
Borings, shoveling and turnings	13	818	110	7,150
Cut plate and structural	25	2,240	141	13,900
Tinned iron or steel	3	935	63	15,800
Remelting scrap ingots	(3/)	492	3	2,930
Cast iron	40	9,960	318	51,500
Other iron and steel	61	8,410	538	58,100
Total carbon steel and cast iron	467	53,700	3,070	327,000
Stainless steel	47	30,600	306	186,000
Other alloy steel	34	16,300	377	107,000
Total stainless and alloy steel	81	46,900	683	293,000
Total carbon, stainless, alloy steel and cast iron	548	101,000	3,750	621,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3/)	13	25	1,630
Used rails for rerolling and other uses	3	804	26	10,100
Total scrap exports	551	101,000	3,800	632,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3/)	61	15	2,240
Pig iron > 0.5% phosphorus	(3/)	26	1	110
Alloy pig iron	2	251	14	1,400
Total pig iron	3	338	30	3,750
Direct-reduced iron (DRI)	(3/)	5	(3/)	19
Spongy iron products, not DRI	(3/)	88	2	873
Granules for abrasive cleaning and other uses	1	1,160	12	8,080
Powders of alloy steel	1	677	3	6,430
Other ferrous powders	2	3,140	16	29,800
Total DRI, granules, powders	4	5,070	33	45,200
Grand total	557	107,000	3,860	681,000

-- 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	July 2001		Year to date	
	Quantity	Value	Quantity	Value
Belgium	(3/)	31	11	6,550
Canada	106	11,800	1,070	101,000
China	--	--	2	1,070
Denmark	(3/)	6	57	5,110
Dominican Republic	2	184	18	1,750
Jamaica	--	--	4	335
Japan	28	236	40	1,380
Mexico	5	2,030	30	12,000
Netherlands	--	--	27	2,480
Sweden	--	--	144	13,800
United Kingdom	(3/)	12	296	28,700
Other	1	641	10 r/	3,110 r/
Total	141	15,000	1,710	177,000

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	July 2001		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	10	1,910	92	14,400
Cleveland, OH	3	171	15	1,060
Detroit, MI	69	6,760	673	58,000
El Paso, TX	1	206	7	1,650
Laredo, TX	2	1,240	16	7,360
Los Angeles, CA	25	71	26	341
Mobile, AL	2	184	2	194
Ogdensburg, NY	1	568	33	3,460
San Diego, CA	1	403	5	2,150
Seattle, WA	24	2,020	190	15,500
Other	3	1,440	648 r/	72,800 r/
Total	141	15,000	1,710	177,000

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	July 2001		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	(3/)	40	8	702
No. 2 heavy melting steel	--	--	--	--
No. 1 bundles	19	2,030	157	15,400
No. 2 bundles	(3/)	3	(3/)	3
Shredded steel scrap	15	1,350	543	49,400
Borings, shovelings and turnings	--	--	64	6,700
Cut plate and structural	4	396	32	3,140
Tinned iron or steel	(3/)	88	4	695
Remelting scrap ingots	(3/)	35	1	73
Cast iron	17	1,550	180	12,400
Other iron and steel	47	5,330	503	52,700
Total carbon steel and cast iron	<u>103</u>	<u>10,800</u>	<u>1,490</u>	<u>141,000</u>
Stainless steel	4	2,470	81	19,500
Other alloy steel	35	1,670	134	16,100
Total stainless and alloy steel	<u>39</u>	<u>4,140</u>	<u>215</u>	<u>35,600</u>
Total carbon, stainless, alloy steel and cast iron	<u>141</u>	<u>15,000</u>	<u>1,710</u>	<u>177,000</u>
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3/)	5
Used rails for rerolling and other uses	16	1,970	102	14,800
Total scrap imports	<u>158</u>	<u>16,900</u>	<u>1,810</u>	<u>192,000</u>
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	301	32,000	2,330	256,000
Pig iron > 0.5% phosphorus	(3/)	4	28	3,000
Alloy pig iron	--	--	35	3,770
Total pig iron	<u>301</u>	<u>32,000</u>	<u>2,390</u>	<u>263,000</u>
Direct-reduced iron (DRI)	256	21,600	938	81,000
Spongy iron products, not DRI	(3/)	427	16	4,660
Granules for abrasive cleaning and other uses	2	1,120	9	5,890
Powders of alloy steel	4	4,040	25	25,600
Other ferrous powders	5	5,470	39	35,000
Total DRI, granules, powders	<u>268</u>	<u>32,600</u>	<u>1,030</u>	<u>152,000</u>
Grand total	<u>727</u>	<u>81,500</u>	<u>5,230</u>	<u>607,000</u>

-- 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
2000:						
August	8,360	70,600	83.5	89.7	96.1	96.1
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
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

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
2000:						
August	92.04	90.59	89.07	87.66	148.40	146.06
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
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

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