

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN NOVEMBER 2019

Iron and steel scrap consumption increased slightly, recirculating scrap production increased by 10%, and purchased scrap receipts were slightly less in November 2019 compared with those of October 2019 (fig. 1). Stocks of purchased and home scrap at the end of November 2019 were slightly less than those at the end of October 2019. In November 2019, pig iron production was slightly less and consumption was essentially unchanged from those in October 2019 (table 1).

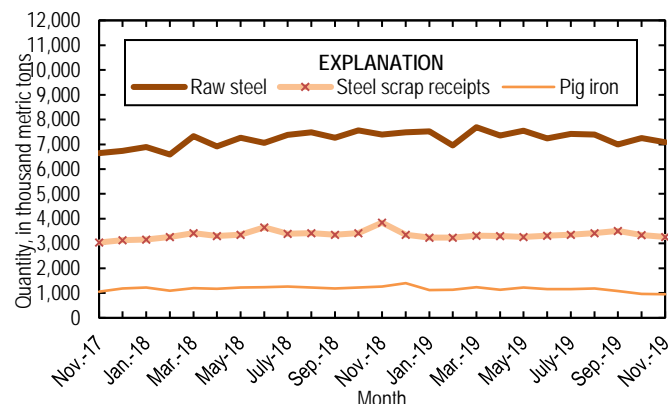


Figure 1. Monthly domestic production of raw steel, receipts of iron and steel scrap, and production of pig iron from November 2017 through November 2019. Sources: U.S. Geological Survey and American Iron and Steel Institute.

Exports of iron and steel scrap in November 2019 decreased by 4% from those in October 2019 (fig. 2). Turkey was the leading destination for exports, accounting for 28% of the total tonnage, followed by Taiwan (13%) and Bangladesh (11%) (table 6). Los Angeles, CA, was the leading U.S. Customs district by tonnage of exports, accounting for 20% of the total, followed by New York City, NY, (17%) and San Francisco, CA, (10%) (table 7).

Imports of iron and steel scrap in November 2019 decreased by 15% from those in October 2019 (fig. 2). Canada was the leading country of origin, accounting for 82% of the total tonnage of imports, followed by Mexico (17%); all other

countries accounted for less than 1% each (table 9). Detroit, MI, was the leading U.S. Customs district by tonnage of imports, accounting for 45% of the total, followed by Seattle, WA, (21%) and Laredo, TX (11%) (table 10).

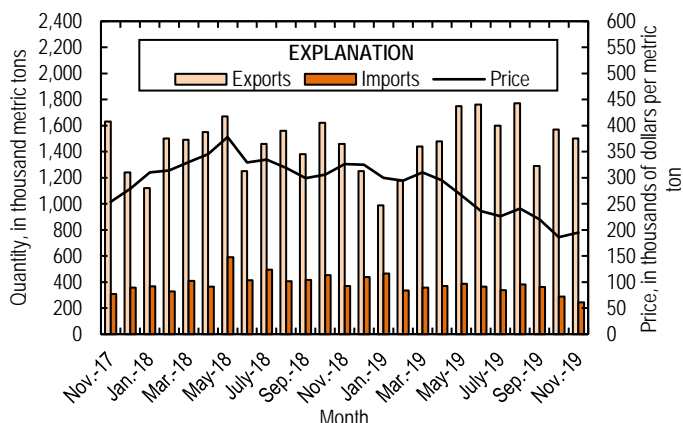


Figure 2. Monthly domestic imports and exports of iron and steel scrap and price for No. 1 heavy melting steel scrap from November 2017 through November 2019. Sources: U.S. Census Bureau and American Metal Market.

The daily average domestic raw steel production for November 2019, as calculated from the American Iron and Steel Institute’s monthly production data, was 236,000 metric tons, slightly more than that in October 2019 and a 4% decrease from that in November 2018. Raw steel production capability utilization was 78.8% in November 2019, up from 78.0% in October 2019 and down from 81.2% in November 2018. Continuous cast steel production accounted for 99.8 of total raw steel production in November 2019 (table 12).

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

(Thousand metric tons)

	November 2019			January–November ³		
	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers	Integrated steel producers ⁴	Electric furnace steel producers ⁵	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,370	1,900	3,270	15,900	21,100	37,000
Receipts from other own company plants	68	151	219	862	1,720	2,580
Production, recirculating scrap	238	170	408	2,650	1,870	4,520
Production, obsolete scrap	W	W	W	W	W	W
Consumption (by type of furnace):						
Blast furnace	W	W	141	W	W	1,490
Basic oxygen process	W	W	317	W	W	4,030
Electric furnace	1,240	2,160	3,400	13,600	22,800	36,400
Other (including air furnace) ⁶	W	W	83	W	W	1,760
Total consumption	1,690	2,250	3,940	18,900	24,800	43,700
Shipments	125	7	132	1,280	73	1,350
Stocks, end of period	1,720	2,640	4,360	1,720	2,640	4,360
Pig iron (includes hot metal):						
Receipts	162	97	259	1,360	1,030	2,380
Production	953	--	953	12,400	--	12,400
Consumption (by type of furnace):						
Basic oxygen process	W	W	W	W	W	W
Direct castings ⁷	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	1,070	88	1,160	13,800	1,010	14,800
Stocks, end of period	234	291	525	234	291	525
Direct-reduced iron:⁸						
Receipts	63	46	109	1,160	991	2,150
Total consumption	92	87	179	1,230	1,050	2,280
Stocks, end of period	112	87	199	112	87	199

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and (or) "Total consumption." -- Zero.

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

²Includes manufacturers of raw steel that also produce steel castings. November 2019 data are based on returns from 55% of consumer surveys, representing 62% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³May include revisions to previously published data.

⁴Includes data for electric furnaces operated by integrated steel producers.

⁵Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

TABLE 2
RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, CONSUMPTION, AND STOCKS OF IRON AND STEEL SCRAP, BY GRADE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Item	November 2019				January–November ³		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ⁴	Ending stocks	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ⁴
Carbon steel:							
Low-phosphorus plate and punchings	14	W	16	W	150	W	173
Cut structural and plate	382	51	450	364	4,130	593	4,820
No. 1 heavy melting steel	260	36	296	193	2,960	459	3,430
No. 2 heavy melting steel	380	29	432	229	4,180	306	4,750
No. 1 and electric furnace bundles	153	--	163	177	1,710	--	1,730
No. 2 and all other bundles	69	W	71	37	798	W	814
Electric furnace 1 foot and under (not bundles)	W	W	W	W	W	W	W
Railroad rails	18	--	19	12	204	--	208
Turnings and borings	156	W	161	213	1,750	W	1,790
Slag scrap	38	66	68	103	392	670	708
Shredded and fragmented	949	W	1,090	1,790	10,900	W	12,100
No. 1 busheling	372	W	421	369	4,190	W	4,500
Steel cans (post consumer)	W	W	W	W	W	W	W
All other carbon steel scrap	169	100	292	436	2,120	1,140	3,460
Stainless steel scrap	66	30	102	63	742	332	1,140
Alloy steel scrap	27	17	43	172	294	184	478
Ingot mold and stool scrap	W	W	3	2	W	W	31
Machinery and cupola cast iron	3	--	3	W	30	--	32
Cast iron borings	11	W	11	4	120	W	123
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	126	19	147	79	1,400	225	1,680
Other mixed scrap	55	13	122	77	666	108	1,290
Total	3,270	408	3,940	4,360	37,000	4,520	43,700

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

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

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

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

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

(Thousand metric tons)

Region and State	November 2019			January–November ³		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ⁴	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ⁴
Mid-Atlantic and New England:						
New Jersey, New York, Pennsylvania	307	49	363	3,610	555	4,280
North Central:						
Illinois and Indiana	394	79	492	4,680	860	5,860
Iowa, Minnesota, Nebraska, Wisconsin	216	16	242	2,440	187	2,730
Michigan	127	60	155	1,450	581	1,640
Ohio	425	78	513	4,750	996	5,830
Total	1,160	232	1,400	13,300	2,620	16,100
South Atlantic:						
Georgia, North Carolina, South Carolina	242	13	291	2,830	176	3,070
Virginia, West Virginia	286	28	329	3,030	243	3,410
Total	527	42	620	5,860	418	6,480
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	543	36	671	6,120	377	7,260
Arkansas and Texas	468	37	561	5,200	414	5,990
Total	1,010	73	1,230	11,300	791	13,300
Mountain and Pacific:						
California, Colorado, Oregon, Utah, Washington	263	11	324	2,910	134	3,580
Grand total	3,270	408	3,940	37,000	4,520	43,700

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

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

³May include revisions to previously published data.

⁴Includes recirculating scrap and home-generated obsolete scrap.

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

(Thousand metric tons)

Item	November 2019					January–November ⁵				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	10	W	--	W	W	112	W	--	W	W
Cut structural and plate	27	94	W	119	W	349	1,030	W	1,250	W
No. 1 heavy melting steel	42	91	43	60	23	515	1,070	448	673	259
No. 2 heavy melting steel	9	82	103	148	W	97	919	1,100	1,650	W
No. 1 and electric furnace bundles	W	92	W	39	W	W	949	W	522	W
No. 2 and all other bundles	9	44	W	W	W	106	495	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	4	W	W	W	W	40	W
Turnings and borings	18	46	32	52	7	199	546	348	580	79
Slag scrap	6	25	2	W	W	63	257	26	W	W
Shredded and fragmented	53	303	155	348	91	656	3,520	1,830	3,910	1,010
No. 1 busheling	46	150	W	147	2	506	1,670	W	1,680	20
Steel cans (post consumer)	W	W	--	--	--	W	W	W	--	--
All other carbon steel scrap	28	109	W	25	2	359	1,400	W	279	27
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	2	23	--	W	--	17	250	W	W	--
Ingot mold and stool scrap	--	W	--	--	--	W	W	--	--	--
Machinery and cupola cast iron	W	W	W	W	--	W	W	W	W	--
Cast iron borings	W	W	W	--	W	W	W	W	--	W
Motor blocks	--	W	--	W	--	--	W	--	W	--
Other iron scrap	5	47	--	W	W	54	548	--	W	W
Other mixed scrap	W	19	W	3	W	W	257	W	41	W
Total	307	1,160	527	1,010	263	3,610	13,300	5,860	11,300	2,910

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

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

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

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

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

⁵May include revisions to previously published data.

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

(Thousand metric tons)

Item	November 2019					January–November ⁴				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	10	W	--	W	W	114	W	--	W	W
Cut structural and plate	30	115	W	122	W	398	1,270	W	1,250	W
No. 1 heavy melting steel	45	113	44	69	25	552	1,390	457	766	273
No. 2 heavy melting steel	13	84	112	180	W	143	951	1,210	1,980	W
No. 1 and electric furnace bundles	W	94	W	48	W	W	954	W	537	W
No. 2 and all other bundles	9	41	W	W	W	106	490	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	W	4	W	W	W	W	40	W
Turnings and borings	19	48	32	56	7	209	567	350	587	79
Slag scrap	9	45	2	11	W	99	441	26	120	W
Shredded and fragmentized	53	327	182	431	91	672	3,870	1,900	4,700	1,010
No. 1 busheling	46	159	W	183	2	512	1,770	W	1,870	20
Steel cans (post consumer)	W	W	--	--	--	W	W	W	--	--
All other carbon steel scrap	43	200	W	42	3	518	2,430	W	431	29
Stainless steel scrap	46	20	--	W	--	502	W	--	W	--
Alloy steel scrap	10	25	W	W	--	105	276	W	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	18	--	W	--
Machinery and cupola cast iron	W	W	W	W	--	W	W	W	W	--
Cast iron borings	W	W	W	--	W	W	W	W	--	W
Motor blocks	--	W	--	W	--	--	W	--	W	--
Other iron scrap	7	56	--	W	W	70	676	--	55	W
Other mixed scrap	W	36	W	3	W	W	333	W	41	W
Total	363	1,400	620	1,230	324	4,280	16,100	6,480	13,300	3,580

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

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

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

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

⁴May include revisions to previously published data.

TABLE 6
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY
OR LOCALITY^{1,2}

(Thousand metric tons and thousand dollars)

Region and country or locality	November 2019		January–November ³	
	Quantity	Value	Quantity	Value
North America and South America:				
Brazil	(4)	17	2	925
Canada	57	11,600	1,610	167,000
Colombia	(4)	9	42	13,900
Dominican Republic	(4)	29	1	473
Ecuador	2	163	92	26,400
Guatemala	(4)	4	34	9,800
Mexico	108	22,100	1,360	300,000
Panama	(4)	66	1	692
Peru	58	13,300	379	104,000
Other ⁵	(4)	58	1	656
Total	226	47,300	3,530	624,000
Africa, Europe, Middle East:				
Austria	(4)	7	1	2,180
Belgium	3	2,520	18	12,600
Egypt	--	--	397	110,000
Germany	(4)	335	9	6,490
Greece	27	6,240	167	45,900
Italy	1	582	51	28,800
Kuwait	--	--	283	83,200
Netherlands	(4)	31	4	3,280
Russia	2	2,030	6	5,040
Saudi Arabia	48	11,000	347	94,000
Spain	(4)	520	6	4,970
Sweden	(4)	137	1	1,710
Turkey	427	96,500	3,470	944,000
United Arab Emirates	1	885	18	8,730
United Kingdom	(4)	43	5	2,950
Other ⁵	(4)	282	3	1,600
Total	510	121,000	4,790	1,360,000
Asia, Australia, Oceania:				
Australia	--	--	1	512
Bangladesh	158	36,200	946	271,000
Burma	1	130	1	146
China	1	1,510	58	39,300
Hong Kong	5	4,700	112	87,000
India	91	44,900	921	460,000
Indonesia	22	7,070	279	90,500
Japan	5	3,290	92	41,400
Korea, Republic of	74	23,900	1,030	315,000
Malaysia	89	39,300	855	337,000
Pakistan	52	22,800	461	205,000
Philippines	3	1,390	26	16,700
Singapore	(4)	235	7	5,530
Taiwan	191	54,200	1,680	586,000
Thailand	51	22,200	315	128,000
Vietnam	25	5,980	1,210	350,000
Other ⁵	(4)	69	1	609
Total	766	268,000	8,000	2,930,000
Grand total	1,500	436,000	16,300	4,910,000

-- Zero.

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

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

³May include revisions to previously published data.

⁴Less than ½ unit.

⁵Includes countries with January–November 2019 quantities of less than 500 metric tons.

TABLE 7
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION AND
SELECTED CUSTOMS DISTRICT^{1,2}

(Thousand metric tons and thousand dollars)

Region and customs district	November 2019		January–November ³	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	8	2,280	104	33,800
Chicago, IL	(4)	220	5	3,510
Cleveland, OH	(4)	74	1	813
Detroit, MI	7	2,390	165	39,500
Duluth, MN	1	459	11	4,330
Great Falls, MT	1	126	10	2,450
Ogdensburg, NY	1	288	37	8,630
Pembina, ND	24	5,840	235	60,500
Other	7	722	973	8,570
Total	50	12,400	1,540	162,000
East coast:				
Baltimore, MD	43	12,000	505	166,000
Boston, MA	129	29,000	952	270,000
Charleston, SC	11	6,170	122	73,200
Miami, FL	49	15,700	544	180,000
New York City, NY	248	84,400	2,470	849,000
Norfolk, VA	15	9,890	278	141,000
Philadelphia, PA	69	17,200	892	244,000
Portland, ME	6	1,000	70	16,800
Providence, RI	61	13,500	675	182,000
Savannah, GA	15	8,790	167	94,600
St. Albans, VT	1	219	43	9,630
Wilmington, NC	1	316	4	2,780
Total	649	198,000	6,720	2,230,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
Dallas–Fort Worth, TX	--	--	(4)	26
El Paso, TX	19	3,990	207	44,600
Houston–Galveston, TX	45	15,200	413	176,000
Laredo, TX	53	11,600	727	160,000
Mobile, AL	(4)	569	8	6,340
New Orleans, LA	2	1,820	87	45,500
San Juan, PR	27	5,990	176	48,100
Tampa, FL	64	17,300	266	88,100
Total	210	56,400	1,880	569,000
West coast and Hawaii:				
Columbia–Snake, OR	64	15,700	669	192,000
Honolulu, HI, and Anchorage, AK	26	5,810	130	36,800
Los Angeles, CA	306	92,600	3,040	1,010,000
San Diego, CA	6	967	178	29,200
San Francisco, CA	147	39,500	1,530	471,000
Seattle, WA	45	14,700	623	215,000
Total	594	169,000	6,170	1,950,000
Grand total	1,500	436,000	16,300	4,910,000

-- Zero.

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

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

³May include revisions to previously published data.

⁴Less than ½ 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	November 2019		January–November ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	454	106,000	4,720	1,310,000
No. 2 heavy melting steel	57	16,700	691	215,000
No. 1 bundles	7	1,750	180	11,200
No. 2 bundles	15	4,400	24	7,200
Shredded steel scrap	505	118,000	4,880	1,400,000
Borings, shovelings and turnings	1	306	19	5,060
Cut plate and structural	73	18,300	482	140,000
Tinned iron or steel	10	2,460	85	25,100
Remelting scrap ingots	1	374	6	3,740
Cast iron	133	72,900	1,270	624,000
Other iron and steel	184	49,900	2,240	615,000
Total carbon steel and cast iron	1,440	391,000	14,600	4,360,000
Stainless steel	33	26,300	399	320,000
Other alloy steel	32	18,900	1,300	237,000
Total stainless and alloy steel	65	45,200	1,700	557,000
Total carbon, stainless, alloy steel and cast iron	1,500	436,000	16,300	4,910,000
Ships, boats, and other vessels for breaking up (for scrapping)	(4)	81	4	716
Used rails for rerolling and other uses	(4)	453	9	12,100
Total scrap exports	1,500	437,000	16,300	4,930,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(4)	144	3	1,650
Pig iron > or = 0.5% phosphorus	(4)	51	4	370
Pig iron alloy	--	--	(4)	42
Total pig iron	1	195	7	2,060
Direct-reduced iron (DRI)	43	1,500	236	43,000
Spongy iron products, not DRI	10	31,100	614	259,000
Granules for abrasive cleaning and other uses	3	3,110	29	34,600
Powders of alloy steel	2	6,110	16	74,500
Other ferrous powders	6	7,350	66	82,700
Total DRI, granules, powders	64	49,100	962	494,000
Grand total	1,570	486,000	17,300	5,420,000

-- Zero.

¹Export valuation is on a free-alongside-ship basis.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED COUNTRY OR LOCALITY^{1,2}

(Thousand metric tons and thousand dollars)

Country or locality	November 2019		January–November ³	
	Quantity	Value	Quantity	Value
Bahamas	(4)	40	3	334
Belgium	(4)	4	49	16,100
Brazil	(4)	32	1	1,070
Canada	200	48,800	2,730	812,000
Cayman Islands	1	78	3	581
Chile	--	--	1	813
China	(4)	104	1	1,150
Cyprus	1	186	1	186
Estonia	--	--	2	371
Germany	(4)	68	20	1,650
India	--	--	2	866
Japan	(4)	305	9	1,990
Marshall Islands	--	--	5	1,000
Mexico	41	11,900	566	191,000
Netherlands	(4)	19	148	47,700
Russia	--	--	1	348
Spain	--	--	10	3,570
St. Kitts and Nevis	(4)	25	2	341
Sweden	--	--	227	77,200
Taiwan	(4)	69	1	1,050
Trinidad and Tobago	--	--	2	560
United Kingdom	(4)	16	102	35,800
Other ⁵	(4)	81	3	2,770
Total	244	61,700	3,890	1,200,000

-- Zero.

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

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

³May include revisions to previously published data.

⁴Less than ½ unit.

⁵Includes countries with January–November 2019 quantities of less than 500 metric tons.

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	November 2019		January–November ³	
	Quantity	Value	Quantity	Value
Buffalo, NY	24	10,300	312	143,000
Charleston, SC	(4)	45	205	62,700
Chicago, IL	5	779	25	3,710
Cleveland, OH	(4)	94	2	1,470
Detroit, MI	109	24,600	1,440	436,000
Duluth, MN	4	1,340	53	18,500
El Paso, TX	4	1,140	78	22,100
Great Falls, MT	3	618	27	6,570
Houston–Galveston, TX	(4)	256	6	4,300
Laredo, TX	28	7,320	367	126,000
Los Angeles, CA	(4)	98	1	1,290
Miami, FL	(4)	102	7	1,160
Mobile, AL	4	1,970	104	45,200
New Orleans, LA	1	106	342	110,000
Nogales, AZ	1	284	32	9,020
Ogdensburg, NY	(4)	403	4	3,390
Pembina, ND	4	1,280	136	41,600
Philadelphia, PA	(4)	16	9	840
San Diego, CA	4	1,210	47	11,800
Seattle, WA	51	9,640	687	144,000
St. Albans, VT	1	97	11	2,740
Other	(4)	94	2	2,390
Total	244	61,700	3,890	1,200,000

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

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

³May include revisions to previously published data.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 11
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER
FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	November 2019		January–November ³	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	9	1,610	128	28,100
No. 2 heavy melting steel	6	1,240	72	16,700
No. 1 bundles	62	14,300	1,150	368,000
No. 2 bundles	7	1,730	98	28,700
Shredded steel scrap	20	4,490	445	120,000
Borings, shovelings and turnings	3	483	48	9,270
Cut plate and structural	7	1,760	100	27,300
Tinned iron or steel	10	3,250	129	43,200
Remelting scrap ingots	(4)	73	1	723
Cast iron	11	1,700	114	25,900
Other iron and steel	61	13,200	924	226,000
Total carbon steel and cast iron	196	43,800	3,210	894,000
Stainless steel	12	9,990	187	168,000
Other alloy steel	36	7,940	499	136,000
Total stainless and alloy steel	48	17,900	686	304,000
Total carbon, stainless, alloy steel and cast iron	244	61,700	3,890	1,200,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(4)	56
Used rails for rerolling and other uses	7	1,690	28	9,040
Total scrap imports	251	63,400	3,920	1,210,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	--	--	3	1,170
Pig iron > or = 0.5% phosphorus	284	95,100	4,780	1,700,000
Alloy pig iron	(4)	76	(4)	292
Total pig iron	284	95,200	4,790	1,700,000
Direct-reduced iron (DRI)	338	88,100	3,110	814,000
Spongy iron products, not DRI	(4)	606	4	7,560
Granules for abrasive cleaning and other uses	2	2,480	26	34,000
Powders of alloy steel	4	6,690	53	97,100
Other ferrous powders	3	5,440	46	78,400
Total DRI, granules, powders	347	103,000	3,240	1,030,000
Grand total	882	262,000	11,900	3,940,000

-- Zero.

¹Import valuation is on a Customs basis.

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

³May include revisions to previously published data.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 12
 U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,
 AND CONTINUOUS CAST STEEL PRODUCTION¹

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date ²	Monthly	Year to date ²	Monthly	Year to date ²
2018:						
November	7,400	79,100	81.2	78.1	98.2	98.2
December	7,480	86,600	79.4	78.2	98.2	98.2
2019:						
January	7,520	7,520	80.4	80.4	98.1	98.1
February	6,960	14,500	82.4	81.3	99.7	99.7
March	7,690	22,200	82.2	81.6	99.8	99.7
April	7,360	29,500	81.3	81.5	99.8	99.8
May	7,550	37,100	80.8	81.4	99.8	99.8
June	7,240	44,300	80.1	81.2	99.7	99.7
July	7,420	51,700	79.4	80.9	99.8	99.7
August	7,400	59,100	79.1	80.7	99.8	99.8
September	7,000	66,100	77.4	80.3	99.8	99.7
October	7,250	73,400	78.0	80.1	99.7	99.7
November	7,090	80,500	78.8	80.0	99.8	99.8

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

²May include revisions to previously published data.

Source: American Iron and Steel Institute.

TABLE 13
COMPOSITE PRICES FOR STEEL SCRAP AND PIG IRON

Period	Steel Scrap ¹		Pig Iron ²	
	\$/lt	\$/t	\$/lt	\$/t
2018:				
November	331.33	326.10	462.83	455.52
December	329.93	324.72	396.44	390.18
Average, January–December	328.17	326.36	408.40	401.95
2019:				
January	305.19	300.37	395.27	389.03
February	298.33	293.62	385.38	379.29
March	314.84	309.87	375.48	369.55
April	299.44	294.71	313.15	308.20
May	270.53	266.26	377.94	371.97
June	240.17	236.38	336.49	331.18
July	229.54	225.91	328.61	323.42
August	244.69	240.83	354.49	348.89
September	223.33	219.80	355.72	350.10
October	189.38	186.39	306.23	301.39
November	198.46	195.33	301.27	296.51

¹Prices are for No. 1 heavy melting steel scrap. Source: American Metal Market.

²Prices are Brazilian basic pig iron, free on board, New Orleans, LA. Source: U.S. Census Bureau. Series was revised in January 2019 to reflect the new source of data.

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