

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN DECEMBER 2019

Iron and steel scrap consumption was essentially unchanged, recirculating scrap production increased slightly, and purchased scrap receipts were 3% more in December 2019 compared with those of November 2019 (fig. 1). Stocks of purchased and home scrap at the end of December 2019 were slightly less than those at the end of November 2019. In December 2019, pig iron production increased by 24% and consumption increased by 18% from those in November 2019 (table 1).

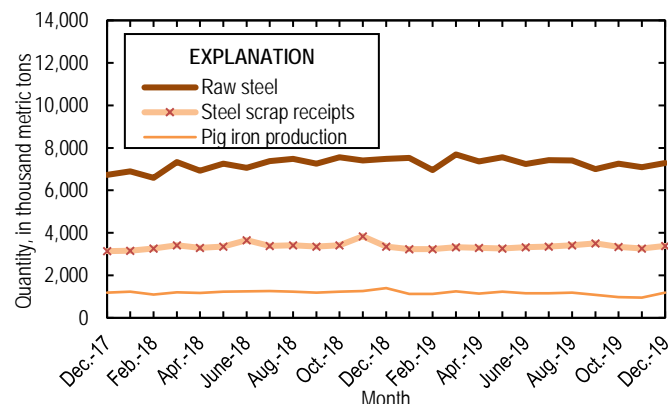


Figure 1. Monthly domestic production of raw steel, receipts of iron and steel scrap, and production of pig iron from December 2017 through December 2019. Sources: U.S. Geological Survey and American Iron and Steel Institute.

Exports of iron and steel scrap in December 2019 decreased by 10% from those in November 2019 (fig. 2). Turkey was the leading destination for exports, accounting for 33% of the total tonnage, followed by Taiwan (15%) and Canada (8%) (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, (14%) and San Francisco, CA, (9%) (table 7).

Imports of iron and steel scrap in December 2019 increased by 63% from those in November 2019 (fig. 2). Canada was the leading country of origin, accounting for 65% of the total tonnage of imports, followed by Mexico (13%) and the United

Kingdom (11%) (table 9). Detroit, MI, was the leading U.S. Customs district by tonnage of imports, accounting for 39% of the total, followed by Seattle, WA, (14%) and Mobile, AL (12%) (table 10).

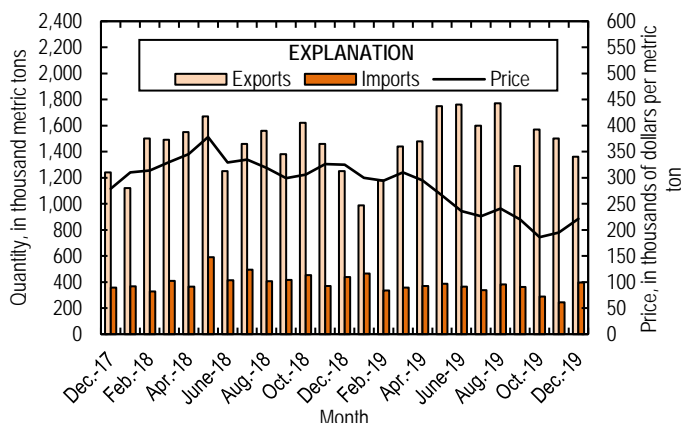


Figure 2. Monthly domestic imports and exports of iron and steel scrap and price for No. 1 heavy melting steel scrap from December 2017 through December 2019. Sources: U.S. Census Bureau and American Metal Market.

The daily average domestic raw steel production for December 2019, as calculated from the American Iron and Steel Institute’s monthly production data, was 235,000 metric tons, essentially unchanged from that in November 2019 and slightly less than that in December 2018. Raw steel production capability utilization was 78.5% in December 2019, down from 78.8% in November 2019 and 79.4% in December 2018. Continuous cast steel production accounted for 99.8 of total raw steel production in December 2019 (table 12).

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

(Thousand metric tons)

	December 2019			January–December <sup>3</sup>		
	Integrated steel producers <sup>4</sup>	Electric furnace steel producers <sup>5</sup>	Total for steel producers	Integrated steel producers <sup>4</sup>	Electric furnace steel producers <sup>5</sup>	Total for steel producers
<b>Scrap:</b>						
Receipts from dealers and other sources	1,400	1,980	3,380	17,300	23,100	40,400
Receipts from other own company plants	66	156	222	928	1,880	2,800
Production, recirculating scrap	240	177	416	2,890	2,050	4,940
Production, obsolete scrap	W	W	W	W	W	W
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	135	W	W	1,630
Basic oxygen process	W	W	376	W	W	4,410
Electric furnace	1,140	2,080	3,220	14,700	24,900	39,600
Other (including air furnace) <sup>6</sup>	W	W	229	W	W	1,990
Total consumption	1,660	2,300	3,960	20,600	27,100	47,600
Shipments	121	8	129	1,400	81	1,480
Stocks, end of period	1,670	2,640	4,300	1,670	2,640	4,300
<b>Pig iron (includes hot metal):</b>						
Receipts	61	62	124	1,420	1,090	2,510
Production	1,180	--	1,180	13,500	--	13,500
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	W	W	W	W
Direct castings <sup>7</sup>	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	1,280	90	1,370	15,000	1,100	16,100
Stocks, end of period	147	263	410	147	263	410
<b>Direct-reduced iron:<sup>8</sup></b>						
Receipts	167	108	275	1,330	1,100	2,430
Total consumption	129	115	244	1,360	1,170	2,530
Stocks, end of period	153	80	233	153	80	233

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

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

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings. December 2019 data are based on returns from 52% of consumer surveys, representing 62% of scrap consumption during this month, and estimates for nonrespondents of this survey.

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Includes data for electric furnaces operated by integrated steel producers.

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

<sup>6</sup>Includes vacuum melting furnaces and miscellaneous uses.

<sup>7</sup>Includes ingot molds and stools.

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

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

(Thousand metric tons)

Item	December 2019				January–December <sup>3</sup>		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>4</sup>	Ending stocks	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>4</sup>
Carbon steel:							
Low-phosphorus plate and punchings	14	W	16	W	164	W	189
Cut structural and plate	409	51	475	352	4,540	644	5,300
No. 1 heavy melting steel	272	40	305	196	3,230	499	3,740
No. 2 heavy melting steel	379	29	434	218	4,560	334	5,190
No. 1 and electric furnace bundles	151	--	169	161	1,860	--	1,900
No. 2 and all other bundles	80	W	81	34	878	W	897
Electric furnace 1 foot and under (not bundles)	W	W	W	W	W	W	W
Railroad rails	18	--	19	12	222	--	227
Turnings and borings	157	W	162	213	1,910	W	1,960
Slag scrap	36	65	66	102	428	736	774
Shredded and fragmented	1,000	W	1,050	1,820	11,900	W	13,200
No. 1 busheling	415	W	481	326	4,610	W	4,980
Steel cans (post consumer)	W	W	W	W	W	W	W
All other carbon steel scrap	125	104	241	433	2,250	1,240	3,700
Stainless steel scrap	67	30	103	61	810	362	1,240
Alloy steel scrap	27	17	43	172	321	201	521
Ingot mold and stool scrap	W	W	3	2	W	W	34
Machinery and cupola cast iron	3	--	3	W	32	--	35
Cast iron borings	11	W	11	4	131	W	135
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	133	23	155	84	1,530	247	1,830
Other mixed scrap	55	13	107	74	721	121	1,400
Total	3,380	416	3,960	4,300	40,400	4,940	47,600

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

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

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

<sup>3</sup>May include revisions to previously published data.

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

(Thousand metric tons)

Region and State	December 2019			January–December <sup>3</sup>		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>4</sup>	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>4</sup>
<b>Mid-Atlantic and New England:</b>						
New Jersey, New York, Pennsylvania	311	50	376	3,920	605	4,650
<b>North Central:</b>						
Illinois and Indiana	435	79	530	5,110	938	6,390
Iowa, Minnesota, Nebraska, Wisconsin	218	17	247	2,650	204	2,970
Michigan	135	57	151	1,590	638	1,790
Ohio	321	87	412	5,070	1,080	6,240
Total	1,110	240	1,340	14,400	2,860	17,400
<b>South Atlantic:</b>						
Georgia, North Carolina, South Carolina	301	12	303	3,130	188	3,380
Virginia, West Virginia	292	26	325	3,320	270	3,740
Total	593	39	627	6,450	457	7,110
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	581	35	703	6,700	412	7,970
Arkansas and Texas	519	40	602	5,720	455	6,600
Total	1,100	75	1,310	12,400	867	14,600
<b>Mountain and Pacific:</b>						
California, Colorado, Oregon, Utah, Washington	264	12	314	3,170	146	3,890
Grand total	3,380	416	3,960	40,400	4,940	47,600

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

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Includes recirculating scrap and home-generated obsolete scrap.

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

(Thousand metric tons)

Item	December 2019					January–December <sup>5</sup>				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	10	W	--	W	W	123	W	--	W	W
Cut structural and plate	29	94	W	136	W	378	1,120	W	1,390	W
No. 1 heavy melting steel	44	99	43	62	23	559	1,170	491	735	283
No. 2 heavy melting steel	9	81	102	149	W	105	1,000	1,200	1,800	W
No. 1 and electric furnace bundles	W	92	W	37	W	W	1,040	W	559	W
No. 2 and all other bundles	9	51	W	W	W	114	547	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	4	W	W	W	W	43	W
Turnings and borings	18	47	31	54	7	217	593	379	634	86
Slag scrap	6	24	2	W	W	69	280	29	W	W
Shredded and fragmented	54	276	208	374	91	710	3,790	2,030	4,280	1,100
No. 1 busheling	45	151	W	185	2	551	1,820	W	1,860	22
Steel cans (post consumer)	W	W	--	--	--	W	W	W	--	--
All other carbon steel scrap	27	66	W	25	2	386	1,470	W	304	30
Stainless steel scrap	W	W	--	W	--	W	W	--	W	--
Alloy steel scrap	2	23	--	W	--	18	273	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	6	49	--	W	W	60	597	--	W	W
Other mixed scrap	W	19	W	4	W	W	276	W	44	W
Total	311	1,110	593	1,100	264	3,920	14,400	6,450	12,400	3,170

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

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

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

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

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

<sup>5</sup>May include revisions to previously published data.

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

(Thousand metric tons)

Item	December 2019					January–December <sup>4</sup>				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	10	W	--	W	W	124	W	--	W	W
Cut structural and plate	34	113	W	139	W	432	1,380	W	1,390	W
No. 1 heavy melting steel	48	117	42	73	25	600	1,500	499	839	297
No. 2 heavy melting steel	13	85	111	182	W	156	1,040	1,320	2,160	W
No. 1 and electric furnace bundles	W	93	W	55	W	W	1,050	W	592	W
No. 2 and all other bundles	9	54	W	W	W	115	543	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	43	W
Turnings and borings	19	48	32	57	7	228	615	382	644	86
Slag scrap	10	42	2	11	W	108	482	29	131	W
Shredded and fragmentized	58	303	187	412	91	730	4,170	2,090	5,110	1,100
No. 1 busheling	46	160	W	242	2	559	1,930	W	2,120	22
Steel cans (post consumer)	W	W	--	--	--	W	W	W	--	--
All other carbon steel scrap	42	149	W	43	3	560	2,580	W	474	32
Stainless steel scrap	46	21	--	W	--	547	W	--	W	--
Alloy steel scrap	10	25	W	W	--	115	302	W	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	19	--	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	62	--	W	W	77	738	--	W	W
Other mixed scrap	W	31	W	4	W	W	400	W	45	W
Total	376	1,340	627	1,310	314	4,650	17,400	7,110	14,600	3,890

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

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

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

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

<sup>4</sup>May include revisions to previously published data.

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

(Thousand metric tons and thousand dollars)

Region and country or locality	December 2019		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Brazil	(4)	102	2	1,030
Canada	103	12,300	1,710	179,000
Colombia	(4)	21	42	13,900
Ecuador	(4)	96	93	26,500
Guatemala	(4)	4	34	9,800
Mexico	92	20,200	1,460	320,000
Peru	28	7,410	407	111,000
Other <sup>5</sup>	(4)	157	3	1,980
Total	224	40,300	3,750	664,000
<b>Africa, Europe, Middle East:</b>				
Austria	(4)	267	1	2,440
Belgium	1	1,160	19	13,800
Egypt	--	--	397	110,000
Germany	(4)	614	9	7,100
Greece	(4)	24	167	46,000
Italy	(4)	425	51	29,200
Kuwait	49	12,700	333	95,900
Netherlands	(4)	372	4	3,650
Russia	1	496	6	5,540
Saudi Arabia	(4)	5	347	94,000
Spain	(4)	373	7	5,340
Sweden	--	--	1	1,710
Turkey	447	106,000	3,920	1,050,000
United Arab Emirates	1	573	19	9,300
United Kingdom	(4)	20	5	2,970
Other <sup>5</sup>	1	388	4	1,990
Total	501	123,000	5,290	1,480,000
<b>Asia, Australia, Oceania:</b>				
Australia	(4)	41	1	553
Bangladesh	66	19,800	1,010	290,000
China	3	1,540	61	40,900
Hong Kong	4	4,460	116	91,500
India	87	42,200	1,010	502,000
Indonesia	4	1,160	283	91,700
Japan	10	2,240	103	43,700
Korea, Republic of	46	17,500	1,080	333,000
Malaysia	42	32,700	897	370,000
Pakistan	47	22,200	507	228,000
Philippines	1	831	27	17,600
Singapore	1	262	7	5,800
Taiwan	198	70,200	1,880	656,000
Thailand	58	23,600	373	151,000
Vietnam	62	19,000	1,270	369,000
Other <sup>5</sup>	(4)	32	2	786
Total	630	258,000	8,630	3,190,000
Grand total	1,360	421,000	17,700	5,330,000

-- Zero.

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

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

<sup>5</sup>Includes countries with January–December 2019 quantities of less than 500 metric tons.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Region and customs district	December 2019		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	46	1,970	151	35,800
Chicago, IL	(4)	242	5	3,760
Cleveland, OH	(4)	242	2	1,060
Detroit, MI	15	3,800	181	43,300
Duluth, MN	1	389	12	4,720
Great Falls, MT	1	175	11	2,630
Ogdensburg, NY	(4)	136	37	8,760
Pembina, ND	23	5,570	258	66,100
Other	14	652	988	9,220
Total	101	13,200	1,640	175,000
East coast:				
Baltimore, MD	42	13,500	547	179,000
Boston, MA	101	25,000	1,050	295,000
Charleston, SC	10	5,390	131	78,600
Miami, FL	69	21,800	613	202,000
New York City, NY	190	70,500	2,660	920,000
Norfolk, VA	43	16,600	320	158,000
Philadelphia, PA	117	23,600	1,010	267,000
Portland, ME	2	272	72	17,100
Providence, RI	13	3,070	688	185,000
Savannah, GA	12	6,780	178	101,000
St. Albans, VT	1	166	44	9,800
Wilmington, NC	(4)	182	4	2,960
Total	600	187,000	7,320	2,420,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
Dallas–Fort Worth, TX	(4)	8	(4)	34
El Paso, TX	14	3,050	221	47,600
Houston–Galveston, TX	39	15,900	452	192,000
Laredo, TX	46	10,800	773	171,000
Mobile, AL	1	610	9	6,950
New Orleans, LA	6	2,720	92	48,200
Nogales, AZ	--	--	1	196
San Juan, PR	8	2,680	184	50,800
Tampa, FL	23	7,780	289	95,900
Total	138	43,600	2,020	612,000
West coast and Hawaii:				
Columbia–Snake, OR	68	19,000	737	211,000
Honolulu, HI, and Anchorage, AK	2	557	132	37,300
Los Angeles, CA	266	104,000	3,300	1,110,000
San Diego, CA	8	1,460	187	30,700
San Francisco, CA	127	36,700	1,660	508,000
Seattle, WA	45	15,500	668	231,000
Total	516	177,000	6,680	2,130,000
Grand total	1,360	421,000	17,700	5,330,000

-- Zero.

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

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

Source: U.S. Census Bureau.



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

(Thousand metric tons and thousand dollars)

Item	December 2019		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	409	105,000	5,130	1,410,000
No. 2 heavy melting steel	64	24,100	756	239,000
No. 1 bundles	3	707	183	11,900
No. 2 bundles	14	4,110	38	11,300
Shredded steel scrap	412	101,000	5,300	1,500,000
Borings, shovelinings and turnings	(4)	154	19	5,210
Cut plate and structural	46	11,700	527	151,000
Tinned iron or steel	9	2,360	94	27,500
Remelting scrap ingots	1	247	7	3,990
Cast iron	114	67,600	1,380	692,000
Other iron and steel	177	52,800	2,420	667,000
Total carbon steel and cast iron	1,250	370,000	15,900	4,730,000
Stainless steel	74	30,900	474	351,000
Other alloy steel	33	20,200	1,340	257,000
Total stainless and alloy steel	108	51,100	1,810	608,000
Total carbon, stainless, alloy steel and cast iron	1,360	421,000	17,700	5,330,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	4	716
Used rails for rerolling and other uses	3	3,100	12	15,200
Total scrap exports	1,360	424,000	17,700	5,350,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(4)	204	4	1,850
Pig iron > or = 0.5% phosphorus	--	--	4	370
Pig iron alloy	--	--	(4)	42
Total pig iron	(4)	204	8	2,260
Direct-reduced iron (DRI)	78	9,830	314	52,800
Spongy iron products, not DRI	31	10,500	645	269,000
Granules for abrasive cleaning and other uses	2	2,350	31	37,000
Powders of alloy steel	1	5,610	17	80,100
Other ferrous powders	5	5,340	71	88,000
Total DRI, granules, powders	117	33,600	1,080	527,000
Grand total	1,480	458,000	18,800	5,880,000

-- Zero.

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

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Country or locality	December 2019		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
Belgium	(4)	10	49	16,100
Canada	260	66,900	3,000	879,000
China	(4)	135	2	1,280
Germany	(4)	75	21	1,730
Japan	(4)	24	9	2,010
Mexico	51	15,000	617	206,000
Netherlands	29	7,100	177	54,800
Russia	1	164	2	512
Spain	11	2,660	21	6,230
Sweden	--	--	227	77,200
Turkey	1	163	1	163
United Kingdom	43	12,300	146	48,100
Other <sup>5</sup>	1	678	26	10,600
Total	397	105,000	4,290	1,300,000

-- Zero.

<sup>1</sup>Includes 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.

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

<sup>5</sup>Includes countries with January–December 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<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Customs district	December 2019		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
Baltimore, MD	3	554	3	904
Buffalo, NY	29	10,500	341	154,000
Charleston, SC	37	9,270	242	72,000
Chicago, IL	5	593	30	4,300
Cleveland, OH	1	277	3	1,750
Detroit, MI	153	39,000	1,590	475,000
Duluth, MN	5	1,330	58	19,800
El Paso, TX	5	1,260	83	23,400
Great Falls, MT	1	162	28	6,730
Houston–Galveston, TX	(4)	155	6	4,460
Laredo, TX	35	10,000	403	136,000
Los Angeles, CA	(4)	243	1	1,530
Miami, FL	(4)	70	7	1,230
Mobile, AL	47	14,200	151	59,400
New Orleans, LA	(4)	31	342	111,000
Nogales, AZ	2	568	34	9,590
Ogdensburg, NY	1	203	5	3,590
Pembina, ND	11	3,490	147	45,100
Philadelphia, PA	(4)	26	9	866
San Diego, CA	5	1,210	52	13,000
Seattle, WA	55	11,400	742	156,000
St. Albans, VT	2	451	14	3,190
Other	(4)	135	2	2,170
Total	397	105,000	4,290	1,300,000

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

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

Source: U.S. Census Bureau.

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

(Thousand metric tons and thousand dollars)

Item	December 2019		January–December <sup>3</sup>	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	10	1,850	138	30,000
No. 2 heavy melting steel	7	1,440	80	18,200
No. 1 bundles	118	28,900	1,270	397,000
No. 2 bundles	9	2,150	107	30,900
Shredded steel scrap	31	6,860	476	127,000
Borings, shovelings and turnings	5	931	53	10,200
Cut plate and structural	9	1,960	109	29,300
Tinned iron or steel	13	4,360	142	47,600
Remelting scrap ingots	(4)	93	1	816
Cast iron	11	1,880	126	27,800
Other iron and steel	125	31,200	1,050	257,000
Total carbon steel and cast iron	338	81,600	3,550	976,000
Stainless steel	17	14,000	204	182,000
Other alloy steel	42	9,640	541	146,000
Total stainless and alloy steel	59	23,600	745	328,000
Total carbon, stainless, alloy steel and cast iron	397	105,000	4,290	1,300,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(4)	56
Used rails for rerolling and other uses	5	1,860	33	10,900
Total scrap imports	403	107,000	4,320	1,310,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	--	--	3	1,170
Pig iron > or = 0.5% phosphorus	217	67,300	5,000	1,770,000
Alloy pig iron	(4)	11	(4)	303
Total pig iron	217	67,300	5,010	1,770,000
Direct-reduced iron (DRI)	257	68,200	3,360	883,000
Spongy iron products, not DRI	1	1,220	4	8,780
Granules for abrasive cleaning and other uses	2	2,460	28	36,500
Powders of alloy steel	3	6,080	57	103,000
Other ferrous powders	3	5,930	50	84,300
Total DRI, granules, powders	266	83,900	3,500	1,120,000
Grand total	886	258,000	12,800	4,200,000

-- Zero.

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

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

<sup>3</sup>May include revisions to previously published data.

<sup>4</sup>Less than ½ unit.

Source: U.S. Census Bureau.

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

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date <sup>2</sup>	Monthly	Year to date <sup>2</sup>	Monthly	Year to date <sup>2</sup>
2018:						
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
December	7,290	87,800	78.5	79.8	99.8	99.8

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

<sup>2</sup>May 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 <sup>1</sup>		Pig Iron <sup>2</sup>	
	\$/lt	\$/t	\$/lt	\$/t
2018:				
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
December	224.73	221.18	301.27	296.51

<sup>1</sup>Prices are for No. 1 heavy melting steel scrap. Source: American Metal Market.

<sup>2</sup>Prices 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.