

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN FEBRUARY 2019

Iron and steel scrap consumption increased by 3% and home (recirculating) scrap production increased by 5% in February 2019 compared with those of January (table 1). Purchased scrap receipts in February 2019 were essentially unchanged from those in January. Stocks of purchased and home scrap at the end of February 2019 were essentially unchanged from those at the end of January (table 1). These observations are based upon responses from about 19% of the companies surveyed that manufacture pig iron and semifinished steel products, which account for about 24% of the total scrap consumption in those sectors and estimates for nonrespondents to this survey.

Pig iron production and consumption in February 2019 increased slightly from that of January (table 1).

Exports of iron and steel scrap in February 2019 increased by 19% from those in January (table 6). Turkey, the Republic of Korea, and Taiwan were the leading destinations, accounting for 25%, 18%, and 11%, respectively, of the total tonnage of exports. Los Angeles, CA, New York City, NY, and San Francisco, CA, were the leading U.S. Customs districts for tonnage of exports, accounting for 21%, 15%, and 9%, respectively, of the total (table 7).

Imports of iron and steel scrap for February 2019 decreased by 28% from those in January. Canada was the leading country of origin, accounting for 65% of the total tonnage of imports,

followed by Mexico and the Netherlands, with 15% and 10%, respectively (table 9). Detroit, MI, was the leading U.S. Customs district by tonnage of imports, accounting for 33% of the total, followed by Seattle, WA and Buffalo, NY with 13% each (table 10).

The daily average domestic raw steel production for February 2019, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, was 248,000 metric tons, a slight increase from that in January and a 5% increase from that in February 2018 (table 12). Raw steel production capability utilization (AISI data) was 82.4% in February 2019, up from 80.4% in January and 77.9% in February 2018 (table 12).

Continuous cast steel production accounted for 99.7% of total raw steel production in February 2019, up from 98.1% in January and 98.1% in February 2018 (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)

	February 2019			January–February <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	1,340	1,900	3,240	2,900	3,630	6,530
Receipts from other own company plants	110	143	253	172	296	468
Production, recirculating scrap	194	172	366	397	320	717
Production, obsolete scrap	W	W	72	W	W	144
<b>Consumption (by type of furnace):</b>						
Blast furnace	W	W	122	W	W	247
Basic oxygen process	W	W	314	W	W	797
Electric furnace	1,200	2,120	3,330	2,420	3,910	6,330
Other (including air furnace) <sup>6</sup>	W	W	99	W	W	308
Total consumption	1,630	2,230	3,860	3,430	4,240	7,680
Shipments	110	7	117	220	14	234
Stocks, end of period	1,820	2,700	4,520	1,820	2,700	4,520
<b>Pig iron (includes hot metal):</b>						
Receipts	394	80	474	757	166	923
Production	1,130	--	1,130	2,250	--	2,250
<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	1,530	87	1,620	3,040	171	3,210
Stocks, end of period	239	266	505	239	266	505
<b>Direct-reduced iron:<sup>8</sup></b>						
Receipts	71	63	134	186	150	336
Total consumption	114	101	215	214	195	409
Stocks, end of period	154	104	258	154	104	258

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. February 2019 data are based on returns from 19% of consumer surveys, representing 24% 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	February 2019				January–February <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>
<b>Carbon steel:</b>							
Low-phosphorus plate and punchings	41	W	43	W	83	W	87
Cut structural and plate	365	56	439	346	634	92	754
No. 1 heavy melting steel	264	46	310	221	532	95	629
No. 2 heavy melting steel	393	29	445	230	706	57	808
No. 1 and electric furnace bundles	149	W	151	171	299	W	302
No. 2 and all other bundles	58	W	62	26	138	W	145
Electric furnace 1 foot and under (not bundles)	W	W	W	W	W	W	W
Railroad rails	17	W	17	13	34	W	34
Turnings and borings	159	W	158	213	315	W	314
Slag scrap	33	58	63	97	68	121	127
Shredded and fragmented	943	W	1,070	1,930	1,970	W	2,180
No. 1 busheling	305	W	383	313	633	W	758
Steel cans (post consumer)	W	W	W	W	W	W	W
All other carbon steel scrap	186	59	261	381	474	120	616
Stainless steel scrap	77	27	107	79	151	55	219
Alloy steel scrap	27	16	43	173	55	33	87
Ingot mold and stool scrap	W	W	3	2	W	W	6
Machinery and cupola cast iron	W	--	W	W	W	--	W
Cast iron borings	11	W	11	3	22	W	22
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	120	20	146	79	239	41	294
Other mixed scrap	63	9	113	107	127	19	232
<b>Total</b>	<b>3,240</b>	<b>366</b>	<b>3,860</b>	<b>4,520</b>	<b>6,530</b>	<b>717</b>	<b>7,680</b>

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	February 2019			January–February <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	381	775	101	918
<b>North Central:</b>						
Illinois and Indiana	409	37	470	818	74	947
Iowa, Minnesota, Nebraska, Wisconsin	234	17	255	471	37	509
Michigan	125	47	143	266	96	299
Ohio	417	93	517	850	194	1,050
Total	1,190	195	1,390	2,410	399	2,810
<b>South Atlantic:</b>						
Virginia, West Virginia	291	23	326	396	22	452
Georgia, North Carolina, South Carolina	250	16	277	515	31	552
Total	541	39	603	911	53	1,000
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	480	34	642	975	68	1,250
Arkansas, Louisiana, Oklahoma, Texas	457	35	527	930	72	1,040
Total	937	70	1,170	1,910	139	2,290
<b>Mountain and Pacific:</b>						
California, Colorado, Oregon, Utah, Washington	263	12	322	532	24	656
Grand total	3,240	366	3,860	6,530	717	7,680

<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	February 2019					January–February <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	20	W	--	W	W
Cut structural and plate	34	77	W	106	W	70	156	W	209	W
No. 1 heavy melting steel	45	90	42	62	23	118	184	61	123	47
No. 2 heavy melting steel	6	85	110	154	W	12	169	148	299	W
No. 1 and electric furnace bundles	7	92	W	44	W	13	189	W	84	W
No. 2 and all other bundles	8	32	W	W	W	33	69	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	4	W	W	W	--	7	W
Turnings and borings	19	47	30	56	7	35	93	60	112	14
Slag scrap	6	22	2	W	W	12	45	5	W	W
Shredded and fragmentized	59	307	157	329	91	140	622	333	689	185
No. 1 busheling	39	147	W	88	2	82	298	W	193	4
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	25	128	W	27	W	135	268	W	57	4
Stainless steel scrap	W	W	--	W	--	W	29	--	W	--
Alloy steel scrap	2	23	W	W	--	4	46	W	W	--
Ingot mold and stool scrap	W	W	--	--	--	W	W	--	--	--
Machinery and cupola cast iron	--	W	W	W	--	--	W	W	W	--
Cast iron borings	--	W	W	W	--	W	W	W	--	W
Motor blocks	--	W	--	W	--	--	W	--	W	--
Other iron scrap	5	43	--	W	W	8	88	--	W	W
Other mixed scrap	W	28	W	4	W	W	54	W	8	W
Total	311	1,190	541	937	263	775	2,410	911	1,910	532

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	February 2019					January–February <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	21	W	--	W	W
Cut structural and plate	41	101	W	109	W	84	203	W	212	W
No. 1 heavy melting steel	51	13	43	67	25	129	250	64	135	50
No. 2 heavy melting steel	10	90	120	182	W	20	180	165	355	W
No. 1 and electric furnace bundles	6	89	W	49	W	W	183	W	93	W
No. 2 and all other bundles	8	31	W	W	W	33	66	W	W	W
Electric furnace 1 foot and under (not bundles)	--	W	--	W	--	--	W	--	W	--
Railroad rails	W	W	--	4	W	W	W	--	7	W
Turnings and borings	19	48	30	53	7	36	98	61	105	14
Slag scrap	11	37	2	13	W	21	75	5	22	W
Shredded and fragmentized	60	343	168	409	91	149	687	349	807	185
No. 1 busheling	44	156	W	153	2	89	649	W	294	4
Steel cans (post consumer)	W	W	--	--	--	W	W	--	--	--
All other carbon steel scrap	38	176	W	40	3	161	360	W	80	5
Stainless steel scrap	53	W	--	W	--	W	40	--	W	--
Alloy steel scrap	10	25	W	W	--	19	51	W	W	--
Ingot mold and stool scrap	W	2	--	W	--	W	3	--	W	--
Machinery and cupola cast iron	--	W	W	W	--	--	W	W	W	--
Cast iron borings	W	W	W	--	W	W	W	W	--	W
Motor blocks	--	W	--	W	--	--	W	--	--	--
Other iron scrap	7	55	--	W	W	11	114	--	W	W
Other mixed scrap	W	35	W	4	W	W	70	W	7	W
Total	381	1,390	603	1,170	322	918	2,810	1,000	2,290	656

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	February 2019		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Canada	99	12,900	236	35,300
Brazil	(4)	57	1	490
Ecuador	--	--	33	10,000
Mexico	86	23,200	189	52,100
Peru	--	--	32	9,590
Other <sup>5</sup>	(4)	82	(4)	262
<b>Total</b>	<b>185</b>	<b>36,200</b>	<b>491</b>	<b>108,000</b>
<b>Africa, Europe, Middle East:</b>				
Belgium	1	485	2	930
Egypt	--	--	42	11,300
Germany	1	698	2	1,560
Greece	24	7,470	24	7,480
Italy	1	701	3	2,210
Kuwait	--	--	47	12,700
Netherlands	(4)	363	1	567
Russia	(4)	43	1	332
Spain	(4)	289	1	894
Turkey	298	82,500	453	124,000
United Arab Emirates	1	437	3	1,270
United Kingdom	1	380	1	390
Other <sup>5</sup>	(4)	234	1	790
<b>Total</b>	<b>328</b>	<b>93,600</b>	<b>581</b>	<b>164,000</b>
<b>Asia, Australia, Oceania:</b>				
Bangladesh	39	12,000	80	25,600
China	3	2,960	11	6,110
Hong Kong	8	7,460	15	13,300
India	84	40,300	133	64,100
Indonesia	32	8,460	51	15,100
Japan	7	3,080	10	4,750
Korea, Republic of	208	61,600	308	92,700
Malaysia	52	20,200	115	49,000
Pakistan	28	14,400	52	26,300
Philippines	2	1,010	3	2,270
Singapore	(4)	95	1	383
Taiwan	131	48,400	235	90,400
Thailand	6	3,310	13	6,950
Vietnam	64	13,600	69	15,000
Other <sup>5</sup>	(4)	21	(4)	55
<b>Total</b>	<b>665</b>	<b>237,000</b>	<b>1,100</b>	<b>412,000</b>
<b>Grand total</b>	<b>1,180</b>	<b>367,000</b>	<b>2,170</b>	<b>684,000</b>

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other

<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–February 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	February 2019		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
Canada–United States border:				
Buffalo, NY	11	3,710	23	7,940
Chicago, IL	(4)	253	1	387
Cleveland, OH	(4)	165	(4)	196
Detroit, MI	10	3,860	39	6,680
Duluth, MN	1	255	2	538
Great Falls, MT	1	224	2	502
Ogdensburg, NY	3	879	7	1,890
Pembina, ND	12	3,670	50	16,100
Other	58	707	102	1,380
Total	96	13,700	225	35,600
East coast:				
Baltimore, MD	77	24,100	82	27,200
Boston, MA	21	6,030	69	19,400
Charleston, SC	10	5,020	16	8,800
Miami, FL	38	11,400	67	21,600
New York City, NY	178	65,100	357	126,000
Norfolk, VA	23	11,300	31	17,700
Philadelphia, PA	37	10,000	37	10,100
Portland, ME	1	256	5	939
Providence, RI	45	11,600	111	29,200
Savannah, GA	16	8,430	28	15,100
St. Albans, VT	3	884	7	2,010
Wilmington, NC	(4)	51	(4)	180
Total	449	154,000	810	278,000
Gulf coast and Mexico–United States border (includes Caribbean territories):				
El Paso, TX	8	2,520	15	4,680
Houston–Galveston, TX	13	9,680	28	17,500
Laredo, TX	48	13,800	98	29,200
Mobile, AL	1	547	2	1,120
New Orleans, LA	1	720	1	1,060
Nogales, AZ	(4)	5	(4)	5
San Juan, PR	18	4,910	35	9,720
Tampa, FL	3	1,530	5	2,630
Total	92	33,700	184	65,900
West coast and Hawaii:				
Columbia–Snake, OR	64	14,200	64	14,700
Honolulu, HI, and Anchorage, AK	30	8,420	32	9,090
Los Angeles, CA	252	81,300	469	160,000
San Diego, CA	15	3,030	33	6,080
San Francisco, CA	107	34,800	266	85,900
Seattle, WA	74	23,200	82	28,600
Total	541	165,000	948	304,000
Grand total	1,180	367,000	2,170	684,000

<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	February 2019		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	437	126,000	726	209,000
No. 2 heavy melting steel	60	17,700	110	32,900
No. 1 bundles	2	637	3	1,040
No. 2 bundles	--	--	(4)	16
Shredded steel scrap	307	84,900	586	168,000
Borings, shovelings and turnings	1	348	2	695
Cut plate and structural	23	6,690	50	14,200
Tinned iron or steel	5	1,660	13	3,530
Remelting scrap ingots	(4)	201	1	768
Cast iron	79	31,800	137	63,200
Other iron and steel	149	49,300	303	99,100
Total carbon steel and cast iron	1,060	319,000	1,930	593,000
Stainless steel	25	27,000	72	52,600
Other alloy steel	89	20,200	165	38,800
Total stainless and alloy steel	114	47,200	237	91,400
Total carbon, stainless, alloy steel and cast iron	1,180	367,000	2,170	684,000
Ships, boats, and other vessels for breaking up (for scrapping)	2	314	2	314
Used rails for rerolling and other uses	1	676	2	3,270
Total scrap exports	1,180	368,000	2,170	688,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(4)	151	1	320
Pig iron > or = 0.5% phosphorus	1	57	1	97
Total pig iron	1	208	2	417
Direct-reduced iron (DRI)	32	10,600	53	17,400
Spongy iron products, not DRI	115	41,200	189	65,800
Granules for abrasive cleaning and other uses	2	2,950	5	5,790
Powders of alloy steel	2	7,170	3	13,300
Other ferrous powders	6	7,930	12	16,900
Total DRI, granules, powders	157	69,800	262	119,000
Grand total	1,340	438,000	2,430	807,000

-- 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	February 2019		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
Bahamas	1	86	1	91
Belgium	--	--	11	3,770
Canada	219	73,500	473	158,000
Germany	2	200	3	390
Japan	1	304	3	433
Marshall Islands	--	--	2	477
Mexico	51	18,600	105	38,800
Netherlands	32	10,500	61	20,600
St Kitts and Nevis	(4)	60	1	84
Sweden	30	9,620	92	31,100
United Kingdom	(4)	124	49	19,800
Other <sup>5</sup>	1	799	2	1,850
Total	336	114,000	802	275,000

-- 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–February 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	February 2019		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
Buffalo, NY	42	17,800	80	34,300
Charleston, SC	32	10,700	62	20,900
Detroit, MI	110	39,000	236	84,500
Duluth, MN	5	1,710	11	4,120
El Paso, TX	8	2,330	18	5,850
Great Falls, MT	2	576	3	847
Laredo, TX	33	12,100	67	24,700
Miami, FL	1	181	2	250
Mobile, AL	4	2,290	38	15,400
New Orleans, LA	32	9,790	125	43,700
Nogales, AZ	4	1,100	8	2,300
Ogdensburg, NY	(4)	407	1	556
Pembina, ND	13	3,800	31	9,480
San Diego, CA	3	797	6	1,610
Seattle, WA	45	9,880	110	23,800
S. Albans, VT	1	302	2	494
Other	1	1,120	2	2,320
Total	336	114,000	802	275,000

<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	February 2019		January–February <sup>3</sup>	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	12	2,770	25	6,090
No. 2 heavy melting steel	5	1,200	14	3,590
No. 1 bundles	98	34,800	269	99,900
No. 2 bundles	8	2,870	18	6,340
Shredded steel scrap	54	16,200	130	40,900
Borings, shovelings and turnings	5	1,110	11	2,350
Cut plate and structural	9	2,740	19	5,490
Tinned iron or steel	9	2,910	23	7,320
Remelting scrap ingots	(4)	118	(4)	282
Cast iron	8	2,400	16	5,050
Other iron and steel	69	18,600	145	39,400
Total carbon steel and cast iron	277	85,700	670	217,000
Stainless steel	16	14,500	33	27,100
Other alloy steel	43	13,700	99	31,200
Total stainless and alloy steel	59	28,200	132	58,300
Total carbon, stainless, alloy steel and cast iron	336	114,000	802	275,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	(4)	76	(4)	260
Total scrap imports	336	114,000	802	275,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	--	--	3	1,170
Pig iron > or = 0.5% phosphorus	286	105,000	895	337,000
Alloy pig iron	--	--	(4)	90
Total pig iron	286	105,000	898	338,000
Direct-reduced iron (DRI)	299	73,400	612	157,000
Spongy iron products, not DRI	(4)	612	1	1,140
Granules for abrasive cleaning and other uses	2	2,810	5	6,190
Powders of alloy steel	5	9,370	10	18,600
Other ferrous powders	3	6,850	9	15,100
Total DRI, granules, powders	309	93,000	637	198,000
Grand total	932	312,000	2,340	811,000

-- 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:						
February	6,590	13,500	77.9	75.7	98.1	98.1
March	7,330	20,800	78.3	76.6	98.2	98.1
April	6,920	27,700	76.0	76.4	98.1	98.1
May	7,260	35,000	77.1	76.6	98.2	98.1
June	7,060	42,100	77.4	76.7	98.2	98.1
July	7,380	49,400	78.4	77.0	98.2	98.1
August	7,480	56,900	79.4	77.3	98.2	98.2
September	7,260	64,200	79.6	77.5	98.2	98.2
October	7,560	71,700	80.2	77.8	98.2	98.2
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

<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:				
February	318.75	313.72	388.45	382.32
March	335.15	329.86	386.92	380.81
April	350.47	344.93	395.45	389.20
May	342.83	377.91	394.19	387.96
June	334.58	329.30	392.93	386.72
July	340.72	335.34	412.09	405.58
August	323.99	318.87	431.25	424.44
September	304.21	299.41	390.23	384.07
October	311.01	306.09	460.00	452.74
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

<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.