

# Mineral Industry Surveys

## For information, contact:

Cris Candice Tuck, Iron and Steel Scrap Commodity Specialist  
National Minerals Information Center  
Telephone: (703) 648-4912  
Email: ctuck@usgs.gov

Tiffany J. Lin (Data)

Telephone: (703) 648-7963

Email: tjlin@usgs.gov

**Internet:** <https://www.usgs.gov/centers/national-minerals-information-center/mineral-industry-surveys>

## IRON AND STEEL SCRAP IN JANUARY 2023

In January 2023, purchased steel scrap receipts decreased by 16%, recirculating scrap production increased by 4%, and iron and steel scrap consumption decreased by 15% compared with those in December 2022. Stocks of purchased and home scrap were essentially unchanged from those at the end of December 2022. In January 2023, pig iron production increased by 8% and pig iron consumption increased by 7% from that in December 2022. Direct-reduced iron receipts decreased by 8% and consumption increased by 8% from those in December 2022 (table 1, fig. 1).

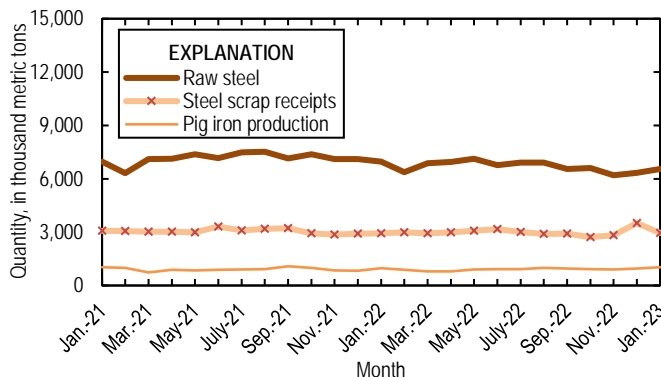


Figure 1. Monthly domestic production of raw steel, receipts of iron and steel scrap, and production of pig iron from January 2021 through January 2023. Sources: U.S. Geological Survey and American Iron and Steel Institute.

Exports of iron and steel scrap in January 2023 decreased by 16% from those in December 2022 (fig. 2, table 4). In January 2023, Mexico was the leading destination for exports, accounting for 24% of the total tonnage, followed by Turkey (23%) and India (12%) (table 4). New York City, NY, was the leading U.S. Customs district by tonnage of exports, accounting for 17% of the total, followed by Philadelphia, PA, (11%), and San Francisco, CA, (9%) (table 5).

Imports of iron and steel scrap in January 2023 increased by 8% compared with those in December 2022 (fig. 2, table 7). Canada was the leading country of origin, accounting for 80% of the total tonnage of imports, followed by Mexico (11%) and New Zealand (7%) (table 7).

Detroit, MI, was the leading U.S. Customs district by tonnage of imports, accounting for 50% of the total, followed by Seattle,

WA, (16%) and New Orleans, LA, and Laredo, TX, (8% each) (table 8).

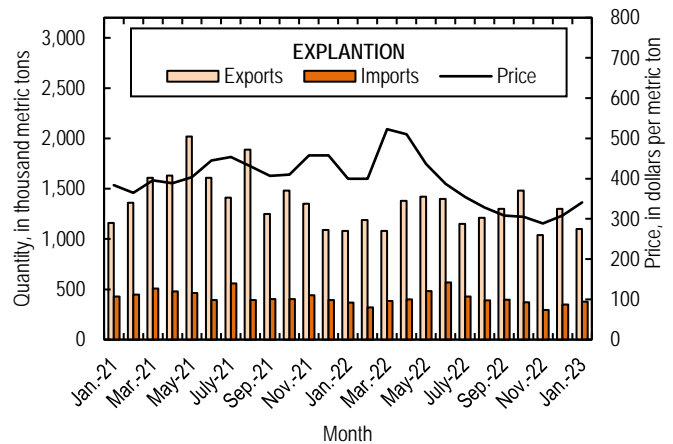


Figure 2. Monthly domestic imports and exports of iron and steel scrap and price for No. 1 heavy melting steel scrap from January 2021 through January 2023. Sources: U.S. Census Bureau and Fastmarkets AMM.

The daily average domestic raw steel production for January, as calculated from the American Iron and Steel Institute's monthly production data, was 211,000 metric tons, a 4% increase from that in December 2022 and a 6% decrease from that in January 2022. Raw steel production capability utilization was 73.0% in January 2023, up from 70.6% in December 2022 and down from 79.8% in January 2022 (table 10).

## Industry News

Boston Metal (Massachusetts) announced a \$120 million investment from steelmaker ArcelorMittal S.A. to expand production of a zero-emissions pilot plant based in Woburn, Massachusetts and launch a commercial production facility in Brazil. The company uses an electro-chemical process to remove oxygen from ferrous oxides to create a high purity liquid metal without generating carbon dioxide (Davey, 2023).

## Reference Cited

Davey, Ed, 2023, US company gets \$120 million boot to make 'green steel': AP News [New York, NY], January 26. (Accessed May 17, 2023, at

[https://apnews.com/article/production-facilities-climate-and-environment-business-d095684168e9f6a2634ee9316007f994.\)](https://apnews.com/article/production-facilities-climate-and-environment-business-d095684168e9f6a2634ee9316007f994.)

*List services and web feed subscribers are the first to receive notification of USGS minerals information publications and data releases. For information on how to subscribe, go to <https://www.usgs.gov/centers/national-minerals-information-center/minerals-information-publication-list-services>.*

TABLE 1  
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS  
FOR STEEL PRODUCERS, IN JANUARY 2023<sup>1,2</sup>

(Thousand metric tons)

|                                   | January |
|-----------------------------------|---------|
| Scrap:                            |         |
| Receipts:                         |         |
| From outside sources              | 2,950   |
| From other own company plants     | 166     |
| Production:                       |         |
| Recirculating scrap               | 349     |
| Obsolete scrap                    | 10      |
| Consumption (by type of furnace): |         |
| Blast furnace                     | 118     |
| Basic oxygen process              | 292     |
| Electric furnace                  | 3,030   |
| Other                             | --      |
| Total consumption                 | 3,440   |
| Shipments                         | 43      |
| Stocks, end of period             | 3,820   |
| Pig iron (includes hot metal):    |         |
| Receipts                          | 119     |
| Production                        | 1,030   |
| Consumption                       | 1,170   |
| Stocks, end of period             | 679     |
| Direct-reduced iron: <sup>3</sup> |         |
| Receipts                          | 201     |
| Consumption                       | 219     |
| Stocks, end of period             | 320     |

-- 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>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, IN JANUARY 2023<sup>1,2</sup>

(Thousand metric tons)

| Item  | January                                |                                   |                          | Ending stocks |
|---|--|-----------------------------------|--------------------------|---------------|
|   | Receipts of scrap from outside sources | Production of recirculating scrap | Consumption <sup>3</sup> |               |
| Carbon steel:                                   |  |                                   |                          |               |
| Low-phosphorus plate and punchings              | 14                                     | W                                 | 16                       | W             |
| Cut structural and plate                        | 256                                    | 30                                | 291                      | 326           |
| No. 1 heavy melting steel                       | 269                                    | 58                                | 329                      | 181           |
| No. 2 heavy melting steel                       | 332                                    | 26                                | 366                      | 238           |
| No. 1 and electric furnace bundles              | 109                                    | --                                | 108                      | 110           |
| No. 2 and all other bundles                     | 70                                     | W                                 | 70                       | 41            |
| Electric furnace 1 foot and under (not bundles) | W                                      | --                                | W                        | W             |
| Railroad rails                                  | 18                                     | 7                                 | 19                       | 97            |
| Turnings and borings                            | 134                                    | W                                 | 138                      | 204           |
| Slag scrap                                      | 27                                     | 29                                | 62                       | 40            |
| Shredded and fragmentized                       | 879                                    | W                                 | 966                      | 1,500         |
| No. 1 busheling                                 | 366                                    | 26                                | 396                      | 346           |
| Steel cans (post consumer)                      | W                                      | W                                 | 10                       | 293           |
| All other carbon steel scrap                    | 180                                    | 120                               | 311                      | 226           |
| Stainless steel scrap                           | 42                                     | 19                                | 62                       | 32            |
| Alloy steel scrap                               | 23                                     | 8                                 | 31                       | 50            |
| Ingot mold and stool scrap                      | W                                      | W                                 | 6                        | 5             |
| Machinery and cupola cast iron                  | 4                                      | --                                | W                        | W             |
| Cast iron borings                               | 12                                     | --                                | 12                       | W             |
| Other iron scrap                                | 54                                     | 8                                 | 50                       | 61            |
| Other mixed scrap                               | 146                                    | 12                                | 191                      | 46            |
| Total   | 2,950                                  | 349                               | 3,440                    | 3,820         |

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>Includes recirculating scrap.

TABLE 3  
RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP,  
BY REGION AND STATE, FOR STEEL PRODUCERS, IN JANUARY 2023<sup>1,2</sup>

(Thousand metric tons)

| Region and State                               | January   |   |  |
|--|---|---|--|
|  | Receipts of scrap<br>from brokers,<br>dealers, and other<br>outside sources | Production of home<br>scrap (recirculating<br>scrap resulting from<br>current operations) | Consumption of<br>purchased and<br>home scrap <sup>3</sup> |
| Mid-Atlantic and New England:                  |   |   |  |
| New Jersey, New York, Pennsylvania             | 177   | 38  | 248  |
| North Central:                                 |   |   |  |
| Illinois and Indiana                           | 356   | 76  | 460  |
| Iowa, Nebraska, Wisconsin                      | 219   | W   | 238  |
| Michigan                                       | 38  | W   | 43   |
| Ohio   | 401   | 100   | 482  |
| Total  | 1,010   | 187   | 1,220  |
| South Atlantic:                                |   |   |  |
| Georgia, North Carolina, South Carolina        | 270   | W   | 288  |
| Virginia and West Virginia                     | 87  | W   | 112  |
| Total  | 359   | W   | 400  |
| South Central:                                 |   |   |  |
| Alabama, Kentucky, Tennessee                   | 665   | 49  | 710  |
| Arkansas and Texas                             | 445   | 38  | 540  |
| Total  | 1,110   | 87  | 1,250  |
| Mountain and Pacific:                          |   |   |  |
| California, Colorado, Oregon, Utah, Washington | 292   | 18  | 322  |
| Grand total                                    | 2,950   | 349   | 3,440  |

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

<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>Includes recirculating scrap.

TABLE 4  
U.S. EXPORTS OF IRON AND STEEL SCRAP  
BY SELECTED COUNTRY OR LOCALITY, IN JANUARY 2023<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

| Country or locality | January  |         |
|---------------------|----------|---------|
|                     | Quantity | Value   |
| Bangladesh          | 30       | 10,900  |
| Belgium             | 2        | 2,940   |
| Canada              | 42       | 15,800  |
| China               | 2        | 3,280   |
| Greece              | 29       | 11,600  |
| India               | 132      | 67,500  |
| Korea, Republic of  | 33       | 13,700  |
| Malaysia            | 10       | 11,300  |
| Mexico              | 260      | 59,500  |
| Morocco             | 17       | 6,170   |
| Netherlands         | 2        | 3,980   |
| Pakistan            | 23       | 16,600  |
| Peru                | 62       | 24,000  |
| Taiwan              | 87       | 36,500  |
| Thailand            | 16       | 14,800  |
| Turkey              | 247      | 84,300  |
| Vietnam             | 76       | 28,300  |
| Other <sup>3</sup>  | 25       | 8,180   |
| Total               | 1,100    | 419,000 |

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

<sup>2</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>3</sup>Includes countries with quantities of less than 500 metric tons.

Source: U.S. Census Bureau.

TABLE 5  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION AND  
SELECTED CUSTOMS DISTRICT, IN JANUARY 2023<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

| Customs district                | January  |         |
|---------------------------------|----------|---------|
|                                 | Quantity | Value   |
| Baltimore, MD                   | 10       | 6,710   |
| Boston, MA                      | 69       | 26,300  |
| Buffalo, NY                     | 5        | 4,120   |
| Charleston, SC                  | 4        | 3,260   |
| Columbia–Snake, OR              | 48       | 18,500  |
| Detroit, MI                     | 19       | 8,230   |
| El Paso, TX                     | 83       | 54      |
| Honolulu, HI, and Anchorage, AK | 3        | 1,130   |
| Houston–Galveston, TX           | 15       | 12,700  |
| Laredo, TX                      | 80       | 23,400  |
| Los Angeles, CA                 | 78       | 36,000  |
| Miami, FL                       | 21       | 9,330   |
| Mobile, AL                      | 2        | 2,100   |
| New Orleans, LA                 | 1        | 1,290   |
| New York City, NY               | 189      | 78,800  |
| Norfolk, VA                     | 31       | 21,600  |
| Ogdensburg, NY                  | 1        | 188     |
| Pembina, ND                     | 8        | 2,960   |
| Philadelphia, PA                | 118      | 41,400  |
| Portland, ME                    | 31       | 11,900  |
| Providence, RI                  | 53       | 18,200  |
| San Diego, CA                   | 17       | 5,650   |
| San Francisco, CA               | 97       | 36,300  |
| San Juan, PR                    | 6        | 2,070   |
| Savannah, GA                    | 14       | 11,500  |
| Seattle, WA                     | 31       | 13,800  |
| St. Albans, VT                  | 1        | 224     |
| Tampa, FL                       | 52       | 19,600  |
| Other <sup>3</sup>              | 7        | 2,040   |
| Total                           | 1,090    | 419,000 |

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

<sup>2</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>3</sup>Includes countries with quantities of less than 500 metric tons.

Source: U.S. Census Bureau.

TABLE 6  
U.S. EXPORTS OF IRON AND STEEL SCRAP AND  
OTHER FERROUS PRODUCTS BY GRADE, IN JANUARY 2023<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

| Item   | January  |         |
|--|----------|---------|
|  | Quantity | Value   |
| No. 1 heavy melting steel  | 463      | 180,000 |
| No. 2 heavy melting steel  | 50       | 20,800  |
| No. 1 bundles  | 4        | 1,610   |
| No. 2 bundles  | --       | --      |
| Shredded steel scrap   | 290      | 107,000 |
| Borings, shovelings, and turnings                                  | 4        | 1,060   |
| Cut plate and structural   | 53       | 20,100  |
| Tinned iron or steel   | 7        | 972     |
| Remelting scrap ingots   | (3)      | 121     |
| Cast iron  | 122      | 13,700  |
| Other iron and steel   | 3        | 735     |
| Total carbon steel and cast iron                                   | 996      | 346,000 |
| Stainless steel  | 48       | 40,000  |
| Other alloy steel  | 51       | 33,600  |
| Total stainless and alloy steel                                    | 99       | 73,600  |
| Total carbon, stainless, alloy steel, and cast iron                | 1,100    | 419,000 |
| Ships, boats, and other vessels for<br>breaking up (for scrapping) | (3)      | 24      |
| Used rails   | (3)      | 452     |
| Used rails for rerolling and other uses                            | 1        | 1,470   |
| Total scrap exports  | 1,100    | 421,000 |
| Exports of manufactured ferrous products:                          |          |         |
| Pig iron < or = 0.5% phosphorus                                    | 2        | 1,420   |
| Pig iron > or = 0.5% phosphorus                                    | --       | --      |
| Pig iron alloy   | --       | --      |
| Total pig iron   | 2        | 1,420   |
| Direct-reduced iron (DRI)  | (3)      | 13      |
| Granules for abrasive cleaning and other uses                      | 2        | 2,760   |
| Powders of alloy steel   | 1        | 5,710   |
| Other ferrous powders  | 5        | 5,710   |
| Total DRI, granules, powders                                       | 8        | 14,200  |
| Grand total  | 1,110    | 437,000 |

-- Zero.

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

<sup>2</sup>Export valuation is on a free-alongside-ship basis.

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.



TABLE 7  
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP  
BY SELECTED COUNTRY OR LOCALITY, IN JANUARY 2023<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

| Country or locality | January  |         |
|---------------------|----------|---------|
|                     | Quantity | Value   |
| Canada              | 300      | 118,000 |
| Cayman Islands      | 1        | 92      |
| China               | (3)      | 140     |
| Colombia            | (3)      | 120     |
| Germany             | 1        | 107     |
| Japan               | 3        | 62      |
| Mexico              | 43       | 19,600  |
| New Zealand         | 27       | 12,100  |
| Other <sup>4</sup>  | 1        | 706     |
| Total               | 377      | 151,000 |

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

<sup>2</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>3</sup>Less than ½ unit.

<sup>4</sup>Includes countries with quantities of less than 500 metric tons.

Source: U.S. Census Bureau.

TABLE 8  
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP  
BY SELECTED CUSTOMS DISTRICT, IN JANUARY 2023<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

| Customs district      | January  |         |
|-----------------------|----------|---------|
|                       | Quantity | Value   |
| Baltimore, MD         | (3)      | 50      |
| Buffalo, NY           | 21       | 11,200  |
| Charleston, SC        | 1        | 93      |
| Chicago, IL           | (3)      | 213     |
| Cleveland, OH         | (3)      | 10      |
| Detroit, MI           | 188      | 77,500  |
| Duluth, MN            | 6        | 1,910   |
| El Paso, TX           | 5        | 2,170   |
| Great Falls, MT       | 2        | 588     |
| Houston-Galveston, TX | (3)      | 132     |
| Laredo, TX            | 28       | 14,000  |
| Miami, FL             | 2        | 376     |
| Mobile, AL            | 2        | 1,130   |
| New Orleans, LA       | 30       | 12,100  |
| New York City, NY     | (3)      | 31      |
| Nogales, AZ           | 3        | 1,040   |
| Ogdensburg, NY        | 1        | 460     |
| Pembina, ND           | 23       | 8,510   |
| San Diego, CA         | 5        | 1,380   |
| Seattle, WA           | 60       | 17,600  |
| St. Albans, VT        | (3)      | 24      |
| Other                 | (3)      | 104     |
| Total                 | 377      | 151,000 |

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

<sup>2</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>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 9  
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER  
FERROUS PRODUCTS BY GRADE, IN JANUARY 2023<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

| Item   | January  |         |
|--|----------|---------|
|  | Quantity | Value   |
| No. 1 heavy melting steel  | 18       | 5,780   |
| No. 2 heavy melting steel  | 10       | 2,790   |
| No. 1 bundles  | 76       | 31,000  |
| No. 2 bundles  | 7        | 2,750   |
| Shredded steel scrap   | 61       | 24,600  |
| Borings, shovelings, and turnings                                  | 4        | 847     |
| Cut plate and structural   | 15       | 4,930   |
| Tinned iron or steel   | 21       | 7,890   |
| Remelting scrap ingots   | (3)      | 189     |
| Cast iron  | 36       | 15,200  |
| Other iron and steel   | 70       | 23,200  |
| Total carbon steel and cast iron                                   | 319      | 119,000 |
| Stainless steel  | 16       | 17,600  |
| Other alloy steel  | 41       | 14,000  |
| Total stainless and alloy steel                                    | 57       | 31,600  |
| Total carbon, stainless, alloy steel, and cast iron                | 377      | 151,000 |
| Ships, boats, and other vessels for<br>breaking up (for scrapping) | --       | --      |
| Used rails   | (3)      | 34      |
| Used rails, nonalloyed   | --       | --      |
| Used rails other   | (3)      | 175     |
| Total scrap imports  | 377      | 151,000 |
| Imports of manufactured ferrous products:                          |          |         |
| Pig iron > or = 0.5% phosphorus                                    | 297      | 183,000 |
| Pig Iron < or =0.5% phosphorus                                     | --       | --      |
| Alloy pig iron   | (3)      | 23      |
| Total pig iron   | 297      | 183,000 |
| Direct-reduced iron (DRI)  | 219      | 79,800  |
| Spongy iron products, not DRI                                      | (3)      | 235     |
| Granules for abrasive cleaning and other uses                      | 2        | 2,910   |
| Powders of alloy steel   | 5        | 10,400  |
| Other ferrous powders  | 4        | 8,520   |
| Total DRI, granules, powders                                       | 229      | 102,000 |
| Grand total  | 904      | 436,000 |

-- Zero.

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

<sup>2</sup>Import valuation is on a Customs basis.

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 10  
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,  
AND CONTINUOUS CAST STEEL PRODUCTION<sup>1</sup>

| Period        | Raw steel production,<br>thousand metric tons |                              | Raw steel capability<br>utilization, percent |                              | Continuous cast steel<br>production, percent |                              |
|---------------|---|------------------------------|--|------------------------------|--|------------------------------|
|               | Monthly                                       | Year<br>to date <sup>2</sup> | Monthly                                      | Year<br>to date <sup>2</sup> | Monthly                                      | Year<br>to date <sup>2</sup> |
| 2022:         |   |                              |  |                              |  |                              |
| January       | 6,970   | 6,970                        | 79.8   | 79.8                         | 99.8   | 99.8                         |
| February      | 6,370   | 13,300                       | 80.8   | 80.3                         | 99.7   | 99.8                         |
| March         | 6,870   | 20,200                       | 78.7   | 79.7                         | 99.6   | 99.7                         |
| April         | 6,950   | 27,200                       | 81.9   | 80.3                         | 99.7   | 99.7                         |
| May           | 7,120   | 34,300                       | 81.1   | 80.5                         | 99.7   | 99.7                         |
| June          | 6,760   | 41,000                       | 79.6   | 80.3                         | 99.7   | 99.7                         |
| July          | 6,910   | 48,000                       | 78.1   | 80.0                         | 99.7   | 99.7                         |
| August        | 6,910   | 54,900                       | 78.0   | 79.7                         | 99.7   | 99.7                         |
| September     | 6,550   | 61,400                       | 76.4   | 79.4                         | 99.7   | 99.7                         |
| October       | 6,610   | 68,000                       | 73.7   | 78.8                         | 99.7   | 99.7                         |
| November      | 6,200   | 74,200                       | 71.5   | 78.1                         | 99.6   | 99.7                         |
| December      | 6,330   | 80,500                       | 70.6   | 77.5                         | 99.7   | 99.7                         |
| 2023, January | 6,550   | 6,550                        | 73.0   | 73.0                         | 99.6   | 99.6                         |

<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 11  
COMPOSITE PRICES FOR STEEL SCRAP AND PIG IRON

| Period                    | Steel Scrap <sup>1</sup> |        | Pig Iron <sup>2</sup> |        |
|---------------------------|--------------------------|--------|-----------------------|--------|
|                           | \$/lt                    | \$/t   | \$/lt                 | \$/t   |
| 2022:                     |                          |        |                       |        |
| January                   | 406.67                   | 400.25 | 517.30                | 509.13 |
| February                  | 406.67                   | 400.25 | 517.30                | 509.13 |
| March                     | 531.67                   | 523.27 | 513.66                | 505.55 |
| April                     | 518.33                   | 510.14 | 649.12                | 638.87 |
| May                       | 443.33                   | 436.33 | 566.12                | 557.18 |
| June                      | 393.33                   | 387.12 | 753.47                | 741.57 |
| July                      | 360.00                   | 354.31 | 742.36                | 730.64 |
| August                    | 333.33                   | 328.07 | 974.43                | 959.04 |
| September                 | 313.33                   | 308.38 | 618.84                | 609.07 |
| October                   | 310.00                   | 305.11 | 924.99                | 910.38 |
| November                  | 293.33                   | 288.70 | 511.23                | 503.16 |
| December                  | 313.33                   | 308.38 | 662.89                | 652.42 |
| Average, January–December | 313.33                   | 308.38 | 665.66                | 655.15 |
| 2023, January             | 346.67                   | 341.20 | 560.18                | 551.33 |

<sup>1</sup>Prices are for No. 1 heavy melting steel scrap. Source: Fastmarkets-AMM.

<sup>2</sup>Prices are Brazilian basic pig iron, free on board, New Orleans, LA. Source: U.S. Census Bureau.

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

TABLE 12  
U.S. IRON AND STEEL SCRAP RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION OF PIG IRON,  
AND DIRECT-REDUCED IRON (DRI) CONSUMPTION<sup>1</sup>

(Thousand metric tons)

| Period             | Receipts of scrap<br>from outside sources |                 | Pig iron production |                 | DRI consumption |                 |
|--------------------|---|-----------------|---------------------|-----------------|-----------------|-----------------|
|                    | Monthly                                   | Year<br>to date | Monthly             | Year<br>to date | Monthly         | Year<br>to date |
| 2022: <sup>2</sup> |   |                 |                     |                 |                 |                 |
| January            | 2,940                                     | 2,940           | 970                 | 970             | 223             | 223             |
| February           | 2,980                                     | 5,920           | 877                 | 1,850           | 248             | 471             |
| March              | 2,930                                     | 8,850           | 802                 | 2,650           | 264             | 735             |
| April              | 2,980                                     | 11,800          | 802                 | 3,450           | 265             | 1,000           |
| May                | 3,080                                     | 14,900          | 903                 | 4,350           | 291             | 1,290           |
| June               | 3,170                                     | 18,100          | 920                 | 5,270           | 309             | 1,600           |
| July               | 2,990                                     | 21,100          | 922                 | 6,200           | 262             | 1,860           |
| August             | 2,900                                     | 24,000          | 988                 | 7,180           | 264             | 2,130           |
| September          | 2,910                                     | 26,900          | 950                 | 8,130           | 187             | 2,310           |
| October            | 2,720                                     | 29,600          | 918                 | 9,050           | 190             | 2,500           |
| November           | 2,830                                     | 32,400          | 898                 | 9,950           | 184             | 2,690           |
| December           | 3,510                                     | 35,900          | 956                 | 10,900          | 202             | 2,890           |
| 2023, January      | 2,950                                     | 2,950           | 1,030               | 1,030           | 219             | 219             |

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

<sup>2</sup>May include revisions to previously published data.