IRON ORE IN NOVEMBER 2017

U.S. mine production and shipments of iron ore in November 2017 were 4.47 million metric tons (Mt) and 4.33 Mt, respectively (fig. 1, table 1). Average daily production of iron ore was 149,000 metric tons (t), 7% greater than that of October and 27% greater than that of November 2016. Average daily shipments of iron ore were 144,000 t, slightly less than those in October and 3% greater than those in November 2016. Mine stocks at the end of November 2017 were slightly greater than those held at the end of October 2017 and slightly less than those held at the end of November 2016.

Monthly iron ore data are reported as gross weight unless otherwise noted and do not include iron metallics such as pig iron, direct-reduced iron, hot-briquetted iron, or iron nuggets.

U.S. exports of iron ore totaled 943,000 t in November 2017, 9% less than those in October 2017 and 27% less than those in November 2016. U.S. imports of iron ore totaled 320,000 t in November 2017, 45% greater than those in October and 11% greater than those in November 2016 (fig. 2).

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### TABLE 1
U.S. PRODUCTION, SHIPMENTS, AND STOCKS OF IRON ORE\(^1, 2\)
(Exclusive of ore containing 5% or more of manganese)

(Thousand metric tons, usable ore)

<table>
<thead>
<tr>
<th>Period</th>
<th>Production</th>
<th>Shipments(^1)</th>
<th>Stocks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Monthly</td>
<td>Year to date</td>
<td>Monthly</td>
</tr>
<tr>
<td></td>
<td>2016:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>November</td>
<td>3,520</td>
<td>36,400</td>
<td>4,200</td>
</tr>
<tr>
<td>December</td>
<td>3,510</td>
<td>39,900</td>
<td>4,140</td>
</tr>
<tr>
<td></td>
<td>2017:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>3,240</td>
<td>3,240</td>
<td>1,740</td>
</tr>
<tr>
<td>February</td>
<td>3,420</td>
<td>6,660</td>
<td>179</td>
</tr>
<tr>
<td>March</td>
<td>3,760</td>
<td>10,400</td>
<td>1,340</td>
</tr>
<tr>
<td>April</td>
<td>4,020</td>
<td>14,400</td>
<td>4,250</td>
</tr>
<tr>
<td>May</td>
<td>3,840</td>
<td>18,300</td>
<td>4,820</td>
</tr>
<tr>
<td>June</td>
<td>4,050</td>
<td>22,300</td>
<td>5,120</td>
</tr>
<tr>
<td>July</td>
<td>4,210</td>
<td>26,500</td>
<td>5,240</td>
</tr>
<tr>
<td>August</td>
<td>3,810</td>
<td>30,300</td>
<td>5,210</td>
</tr>
<tr>
<td>September</td>
<td>4,180</td>
<td>34,500</td>
<td>5,380</td>
</tr>
<tr>
<td>October</td>
<td>4,300</td>
<td>38,800</td>
<td>4,570</td>
</tr>
<tr>
<td>November</td>
<td>4,470</td>
<td>43,300</td>
<td>4,330</td>
</tr>
</tbody>
</table>

\(^1\)Data are rounded to no more than three significant digits.

\(^2\)Excludes byproduct ores and iron metallics.

\(^3\)Includes rail and vessel.

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### TABLE 2
U.S. PRODUCTION OF PIG IRON AND RAW STEEL, BY TYPE OF FURNACE\(^1\)

(Thousand metric tons)

<table>
<thead>
<tr>
<th>Period</th>
<th>Pig iron production</th>
<th>Raw steel production</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Basic oxygen furnace</td>
<td>Blast furnace</td>
</tr>
<tr>
<td></td>
<td>Monthly</td>
<td>Year to date</td>
</tr>
<tr>
<td>2016:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>November</td>
<td>1,660</td>
<td>22,300</td>
</tr>
<tr>
<td>December</td>
<td>1,810</td>
<td>24,100</td>
</tr>
<tr>
<td>2017:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>1,940</td>
<td>1,940</td>
</tr>
<tr>
<td>February</td>
<td>1,930</td>
<td>3,870</td>
</tr>
<tr>
<td>March</td>
<td>1,960</td>
<td>5,830</td>
</tr>
<tr>
<td>April</td>
<td>1,870</td>
<td>7,700</td>
</tr>
<tr>
<td>May</td>
<td>1,940</td>
<td>9,630</td>
</tr>
<tr>
<td>June</td>
<td>1,830</td>
<td>11,500</td>
</tr>
<tr>
<td>July</td>
<td>1,860</td>
<td>13,300</td>
</tr>
<tr>
<td>August</td>
<td>1,930</td>
<td>15,300</td>
</tr>
<tr>
<td>September</td>
<td>1,850</td>
<td>17,100</td>
</tr>
<tr>
<td>October</td>
<td>1,690</td>
<td>18,800</td>
</tr>
<tr>
<td>November</td>
<td>1,770</td>
<td>20,600</td>
</tr>
</tbody>
</table>

\(^1\)Data are rounded to no more than three significant digits.

Source: American Iron and Steel Institute.
### TABLE 3
U.S. EXPORTS OF IRON ORE, BY COUNTRY OR LOCALITY AND TYPE 1, 2
(Exclusive of ore containing 20% or more manganese)

<table>
<thead>
<tr>
<th>Country or locality and type of product</th>
<th>2016</th>
<th></th>
<th></th>
<th>2017</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>January–November</td>
<td>November</td>
<td>January–November</td>
<td>November</td>
<td>January–November</td>
<td>November</td>
</tr>
<tr>
<td></td>
<td>Quantity (thousand metric tons)</td>
<td>Value (thousand dollars)</td>
<td>Value (thousand dollars)</td>
<td>Quantity (thousand metric tons)</td>
<td>Value (thousand dollars)</td>
<td>Value (thousand dollars)</td>
</tr>
<tr>
<td>Canada</td>
<td>6,490</td>
<td>681</td>
<td>48,400</td>
<td>7,240</td>
<td>542,000</td>
<td>74.77</td>
</tr>
<tr>
<td>Japan</td>
<td>364</td>
<td>206</td>
<td>12,600</td>
<td>2,330</td>
<td>125,000</td>
<td>53.77</td>
</tr>
<tr>
<td>Mexico</td>
<td>300</td>
<td>55</td>
<td>4,980</td>
<td>196</td>
<td>22,600</td>
<td>115.39</td>
</tr>
<tr>
<td>Other</td>
<td>654</td>
<td>--</td>
<td>--</td>
<td>171</td>
<td>12,400</td>
<td>72.50</td>
</tr>
<tr>
<td>Total</td>
<td>7,810</td>
<td>943</td>
<td>66,000</td>
<td>9,940</td>
<td>702,000</td>
<td>70.61</td>
</tr>
<tr>
<td>Concentrates</td>
<td>77</td>
<td>4</td>
<td>546</td>
<td>135</td>
<td>15,800</td>
<td>116.93</td>
</tr>
<tr>
<td>Fine ores</td>
<td>110</td>
<td>(4)</td>
<td>9</td>
<td>31</td>
<td>2,180</td>
<td>70.35</td>
</tr>
<tr>
<td>Pellets</td>
<td>7,430</td>
<td>939</td>
<td>65,400</td>
<td>9,660</td>
<td>675,000</td>
<td>69.87</td>
</tr>
<tr>
<td>Other</td>
<td>193</td>
<td>(4)</td>
<td>6</td>
<td>116</td>
<td>9,130</td>
<td>78.66</td>
</tr>
<tr>
<td>Total</td>
<td>7,810</td>
<td>943</td>
<td>66,000</td>
<td>9,940</td>
<td>702,000</td>
<td>70.61</td>
</tr>
</tbody>
</table>

1Revised. -- Zero.
2Data are rounded to no more than three significant digits; may not add to totals shown.
3All countries with less than 5,000 metric tons of exports per month included in “Other.”
4Free alongside ship (FAS) value.
5Less than ½ unit.

Source: U.S. Census Bureau.

### TABLE 4
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE, BY COUNTRY OR LOCALITY AND TYPE 1, 2
(Exclusive of ore containing 20% or more manganese)

<table>
<thead>
<tr>
<th>Country or locality of origin and type of product</th>
<th>2016</th>
<th></th>
<th></th>
<th>2017</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>January–November</td>
<td>November</td>
<td>January–November</td>
<td>November</td>
<td>January–November</td>
<td>November</td>
</tr>
<tr>
<td></td>
<td>Quantity (thousand metric tons)</td>
<td>Value (thousand dollars)</td>
<td>Value (thousand dollars)</td>
<td>Quantity (thousand metric tons)</td>
<td>Value (thousand dollars)</td>
<td>Value (thousand dollars)</td>
</tr>
<tr>
<td>Brazil</td>
<td>1,660</td>
<td>113</td>
<td>11,300</td>
<td>1,760</td>
<td>164,000</td>
<td>93.21</td>
</tr>
<tr>
<td>Canada</td>
<td>557</td>
<td>136</td>
<td>13,100</td>
<td>629</td>
<td>57,400</td>
<td>91.33</td>
</tr>
<tr>
<td>South Africa</td>
<td>71</td>
<td>25</td>
<td>1,830</td>
<td>80</td>
<td>5,690</td>
<td>71.14</td>
</tr>
<tr>
<td>Sweden</td>
<td>350</td>
<td>46</td>
<td>4,380</td>
<td>328</td>
<td>31,000</td>
<td>94.39</td>
</tr>
<tr>
<td>Other</td>
<td>262</td>
<td>(4)</td>
<td>8</td>
<td>375</td>
<td>42,000</td>
<td>111.99</td>
</tr>
<tr>
<td>Total</td>
<td>2,900</td>
<td>320</td>
<td>30,700</td>
<td>3,170</td>
<td>300,000</td>
<td>94.62</td>
</tr>
<tr>
<td>Concentrates</td>
<td>691</td>
<td>87</td>
<td>6,130</td>
<td>1,050</td>
<td>63,200</td>
<td>60.18</td>
</tr>
<tr>
<td>Fine Ores</td>
<td>262</td>
<td>31</td>
<td>2,660</td>
<td>184</td>
<td>27,500</td>
<td>149.33</td>
</tr>
<tr>
<td>Pellets</td>
<td>1,930</td>
<td>189</td>
<td>20,600</td>
<td>1,900</td>
<td>207,000</td>
<td>109.18</td>
</tr>
<tr>
<td>Other</td>
<td>22</td>
<td>13</td>
<td>1,270</td>
<td>38</td>
<td>2,040</td>
<td>53.55</td>
</tr>
<tr>
<td>Total</td>
<td>2,900</td>
<td>320</td>
<td>30,700</td>
<td>3,170</td>
<td>300,000</td>
<td>94.62</td>
</tr>
</tbody>
</table>

1Revised.
2Data are rounded to no more than three significant digits; may not add to totals shown.
3All countries with less than 5,000 metric tons of imports per month included in “Other.”
4Customs value. Excludes international freight and insurance charges.
5Less than ½ unit.

Source: U.S. Census Bureau.
<table>
<thead>
<tr>
<th>Customs district (code no.)</th>
<th>Pellets</th>
<th>Total, all products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chicago, IL (39)</td>
<td>5</td>
<td>28</td>
</tr>
<tr>
<td>Houston-Galveston, TX (53)</td>
<td>63</td>
<td>33</td>
</tr>
<tr>
<td>New Orleans, LA (20)</td>
<td>1,860</td>
<td>1,840</td>
</tr>
<tr>
<td>Ogdensburg, NY (07)</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Tampa, FL (18)</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Other</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Total</td>
<td>1,930</td>
<td>1,900</td>
</tr>
</tbody>
</table>

1Revised. -- Zero.
2Data are rounded to no more than three significant digits; may not add to totals shown.
3Customs Districts with less than 5,000 metric tons of imports per month included in "Other."
4Less than ½ unit.

Source: U.S. Census Bureau.