Silicon in May 2018

Domestic production of silicon materials was 48,500 metric tons (t) in May 2018, a slight increase from April 2018 production and 4% more than May 2017 production (fig. 1, table 1). Net shipments were 29,900 t, a 5% decrease from shipments in April 2018 and a slight decrease from shipments in May 2017. Total production and net shipments during the first 5 months of 2018 were 15% and 14% more, respectively, than those during the same period in 2017 (table 1).

Ending stocks were 32,500 t in May 2018, 4% more than stocks in April 2018 and 28% less than those in May 2017 (table 1). Adjustments in stocks included in-plant consumption of ferrosilicon to produce magnesium ferrosilicon and other alloys. All comparative statistics were calculated based on unrounded, gross-weight figures.

Prices

The average U.S. spot price for silicon metal was 138.8 cents per pound in May 2018, 3% less than the average price in April 2018, and 28% more than the May 2017 price. The average U.S. spot prices for ferrosilicon, 50% and 75% grades, were the same as and essentially unchanged from the average prices in April 2018 and were 15% and 31% greater, respectively, than their average prices in May 2017 (fig. 2).

Figure 1. Monthly domestic production of total silicon materials and net shipments from May 2016 through May 2018 (may include revisions to previously published data).

Figure 2. Average monthly spot prices for silicon metal and ferrosilicon 50% and 75% grades, contained silicon, from May 2016 through May 2018. Source: CRU Group and S&P Global Platts.
TABLE 1  
PRODUCTION, SHIPMENTS, AND STOCKS OF SILICON ALLOYS 
AND METAL IN THE UNITED STATES\textsuperscript{1, 2} 
(Metric tons, gross weight)

<table>
<thead>
<tr>
<th></th>
<th>Gross production\textsuperscript{3}</th>
<th>Net shipments</th>
<th>Producers’ stocks, end of period</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Metric tons)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January–December</td>
<td>518,000</td>
<td>352,000</td>
<td>33,500 \textsuperscript{r}</td>
</tr>
<tr>
<td>January–May</td>
<td>203,000</td>
<td>131,000</td>
<td>45,400</td>
</tr>
<tr>
<td>May</td>
<td>46,600</td>
<td>30,500</td>
<td>45,400</td>
</tr>
<tr>
<td>June</td>
<td>44,000</td>
<td>42,500</td>
<td>28,900</td>
</tr>
<tr>
<td>July</td>
<td>42,100</td>
<td>33,800</td>
<td>21,400</td>
</tr>
<tr>
<td>August</td>
<td>47,500</td>
<td>30,900</td>
<td>21,000</td>
</tr>
<tr>
<td>September</td>
<td>43,800</td>
<td>28,300</td>
<td>22,200</td>
</tr>
<tr>
<td>October</td>
<td>46,600</td>
<td>27,700</td>
<td>25,900</td>
</tr>
<tr>
<td>November</td>
<td>47,000</td>
<td>33,600</td>
<td>27,600</td>
</tr>
<tr>
<td>December</td>
<td>43,800 \textsuperscript{r}</td>
<td>24,800 \textsuperscript{r}</td>
<td>33,500 \textsuperscript{r}</td>
</tr>
<tr>
<td>2018:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>42,700 \textsuperscript{r}</td>
<td>26,800 \textsuperscript{r}</td>
<td>29,100 \textsuperscript{r}</td>
</tr>
<tr>
<td>February</td>
<td>43,500 \textsuperscript{r}</td>
<td>28,100 \textsuperscript{r}</td>
<td>31,400 \textsuperscript{r}</td>
</tr>
<tr>
<td>March</td>
<td>51,300</td>
<td>33,200 \textsuperscript{r}</td>
<td>31,200 \textsuperscript{r}</td>
</tr>
<tr>
<td>April</td>
<td>48,000 \textsuperscript{r}</td>
<td>31,600 \textsuperscript{r}</td>
<td>31,400 \textsuperscript{r}</td>
</tr>
<tr>
<td>May</td>
<td>48,500</td>
<td>29,900</td>
<td>32,500</td>
</tr>
<tr>
<td>January–May</td>
<td>234,000</td>
<td>149,000</td>
<td>32,500</td>
</tr>
</tbody>
</table>

\textsuperscript{1}Revised. 
\textsuperscript{2}Data are rounded to no more than three significant digits; may not add to totals shown. 
\textsuperscript{3}Includes ferrosilicon, miscellaneous silicon alloys, and silicon metal, excluding semiconductor and solar grades, except where noted. 
\textsuperscript{r}Ferrosilicon production includes material consumed in the production of miscellaneous silicon alloys.
TABLE 2
PRICES FOR FERROSILICON AND SILICON METAL IN MAY 2018

<table>
<thead>
<tr>
<th>Ferrosilicon:</th>
<th>Low</th>
<th>Average</th>
<th>High</th>
<th>Average low, mid, and high</th>
</tr>
</thead>
<tbody>
<tr>
<td>50% ferrosilicon¹</td>
<td>102.00</td>
<td>XX</td>
<td>107.00</td>
<td>102.00–104.50–107.00</td>
</tr>
<tr>
<td>75% ferrosilicon²</td>
<td>do.</td>
<td>105.00</td>
<td>106.00</td>
<td>107.00</td>
</tr>
<tr>
<td>Silicon metal, 553 grade³</td>
<td>do. Ditto</td>
<td>137.00</td>
<td>138.80</td>
<td>143.00</td>
</tr>
</tbody>
</table>

¹CRU Group transaction price, duty paid, f.o.b. Pittsburgh, producing plant or Chicago/Pittsburgh warehouse. Average price reported for price range.
²S&P Global Platts, in U.S. warehouse, U.S. origin and imported material. Average price reported for all transactions during the month.
³S&P Global Platts, duty paid, delivered Midwest, U.S. spot and imported 553 grade silicon metal (minimum 98.50% silicon). Average price reported for all transactions during the month.
TABLE 3
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN MAY 2018\(^1\,\,2\)
(Metric tons, unless otherwise specified)

<table>
<thead>
<tr>
<th>Country or locality</th>
<th>Gross weight</th>
<th>Contained weight</th>
<th>Value</th>
<th>Gross weight</th>
<th>Contained weight</th>
<th>Value</th>
</tr>
</thead>
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<tr>
<td><strong>Ferrosilicon:</strong></td>
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<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>More than 55% silicon:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brazil</td>
<td>12</td>
<td>7</td>
<td>$18,500</td>
<td>12</td>
<td>7</td>
<td>$18,500</td>
</tr>
<tr>
<td>Canada</td>
<td>276</td>
<td>165</td>
<td>464,000</td>
<td>1,720</td>
<td>1,030</td>
<td>2,860,000</td>
</tr>
<tr>
<td>Iceland</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>43</td>
<td>26</td>
<td>62,400</td>
</tr>
<tr>
<td>India</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>320</td>
<td>233</td>
<td>380,000</td>
</tr>
<tr>
<td>Malaysia</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>6</td>
<td>4</td>
<td>10,000</td>
</tr>
<tr>
<td>Mexico</td>
<td>517</td>
<td>360</td>
<td>984,000</td>
<td>1,610</td>
<td>1,020</td>
<td>3,340,000</td>
</tr>
<tr>
<td>Netherlands</td>
<td>531</td>
<td>318</td>
<td>698,000</td>
<td>964</td>
<td>578</td>
<td>1,160,000</td>
</tr>
<tr>
<td>Russia</td>
<td>555</td>
<td>333</td>
<td>233,000</td>
<td>555</td>
<td>333</td>
<td>233,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,890</strong></td>
<td><strong>1,180</strong></td>
<td><strong>2,400,000</strong></td>
<td><strong>5,220</strong></td>
<td><strong>3,230</strong></td>
<td><strong>8,060,000</strong></td>
</tr>
<tr>
<td>Other ferrosilicon:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belgium</td>
<td>20</td>
<td>9</td>
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<td>272</td>
<td>122</td>
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<td>20</td>
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<td>234</td>
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<td>456,000</td>
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<td>22</td>
<td>11</td>
<td>9,940</td>
<td>612</td>
<td>306</td>
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<tr>
<td>Finland</td>
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<td>--</td>
<td>--</td>
<td>41</td>
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<tr>
<td>France</td>
<td>40</td>
<td>19</td>
<td>72,200</td>
<td>100</td>
<td>46</td>
<td>178,000</td>
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<tr>
<td>Korea, Republic of</td>
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<td>--</td>
<td>258</td>
<td>112</td>
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<td>424,000</td>
<td>893</td>
<td>428</td>
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<td>--</td>
<td>--</td>
<td>40</td>
<td>9</td>
<td>70,000</td>
</tr>
<tr>
<td>Turkey</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>203</td>
<td>97</td>
<td>339,000</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>100</td>
<td>45</td>
<td>165,000</td>
<td>617</td>
<td>278</td>
<td>1,020,000</td>
</tr>
<tr>
<td>Other (10 countries)</td>
<td>72</td>
<td>30</td>
<td>128,000</td>
<td>177</td>
<td>80</td>
<td>304,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>489</strong></td>
<td><strong>229</strong></td>
<td><strong>906,000</strong></td>
<td><strong>3,450</strong></td>
<td><strong>1,600</strong></td>
<td><strong>5,320,000</strong></td>
</tr>
<tr>
<td><strong>Total ferrosilicon</strong></td>
<td><strong>2,380</strong></td>
<td><strong>1,410</strong></td>
<td><strong>3,300,000</strong></td>
<td><strong>8,670</strong></td>
<td><strong>4,830</strong></td>
<td><strong>13,400,000</strong></td>
</tr>
<tr>
<td><strong>Metal:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>More than 99.99% silicon:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>211</td>
<td>211</td>
<td>3,190,000</td>
<td>1,610</td>
<td>1,610</td>
<td>23,200,000</td>
</tr>
<tr>
<td>Germany</td>
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<td>46</td>
<td>1,220,000</td>
<td>174</td>
<td>174</td>
<td>3,790,000</td>
</tr>
<tr>
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<td>144</td>
<td>1,360,000</td>
<td>706</td>
<td>706</td>
<td>5,890,000</td>
</tr>
<tr>
<td>Japan</td>
<td>756</td>
<td>756</td>
<td>25,400,000</td>
<td>5,380</td>
<td>5,380</td>
<td>181,000,000</td>
</tr>
<tr>
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<td>15</td>
<td>15</td>
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<td>109</td>
<td>109</td>
<td>16,400,000</td>
</tr>
<tr>
<td>Norway</td>
<td>88</td>
<td>88</td>
<td>222,000</td>
<td>527</td>
<td>527</td>
<td>5,670,000</td>
</tr>
<tr>
<td>Singapore</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>204</td>
<td>204</td>
<td>2,850,000</td>
</tr>
<tr>
<td>Taiwan</td>
<td>1,380</td>
<td>1,380</td>
<td>17,000,000</td>
<td>7,700</td>
<td>7,700</td>
<td>86,800,000</td>
</tr>
<tr>
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<td>98</td>
<td>98</td>
<td>1,580,000</td>
<td>161</td>
<td>161</td>
<td>4,690,000</td>
</tr>
<tr>
<td>Vietnam</td>
<td>270</td>
<td>270</td>
<td>5,120,000</td>
<td>395</td>
<td>395</td>
<td>9,220,000</td>
</tr>
<tr>
<td>Other (35 countries)</td>
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<td>16</td>
<td>3,600,000</td>
<td>190</td>
<td>190</td>
<td>14,200,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>3,030</strong></td>
<td><strong>3,030</strong></td>
<td><strong>61,000,000</strong></td>
<td><strong>17,200</strong></td>
<td><strong>17,200</strong></td>
<td><strong>354,000,000</strong></td>
</tr>
<tr>
<td><strong>99.00%–99.99% silicon:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belgium</td>
<td>4</td>
<td>4</td>
<td>6,280</td>
<td>155</td>
<td>154</td>
<td>179,000</td>
</tr>
<tr>
<td>France</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>9</td>
<td>9</td>
<td>12,500</td>
</tr>
<tr>
<td>Germany</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>413</td>
<td>410</td>
<td>402,000</td>
</tr>
<tr>
<td>India</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>16</td>
<td>16</td>
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</tr>
<tr>
<td>Korea, Republic of</td>
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<td>--</td>
<td>--</td>
<td>1</td>
<td>1</td>
<td>3,460</td>
</tr>
<tr>
<td>Mexico</td>
<td>1</td>
<td>1</td>
<td>2,750</td>
<td>9</td>
<td>8</td>
<td>24,200</td>
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<td>21</td>
<td>50,000</td>
<td>81</td>
<td>80</td>
<td>127,000</td>
</tr>
<tr>
<td>Peru</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>9</td>
<td>9</td>
<td>12,600</td>
</tr>
<tr>
<td>Spain</td>
<td>16</td>
<td>16</td>
<td>33,600</td>
<td>16</td>
<td>16</td>
<td>33,600</td>
</tr>
<tr>
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<td>2</td>
<td>2,890</td>
<td>385</td>
<td>376</td>
<td>553,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>44</strong></td>
<td><strong>44</strong></td>
<td><strong>95,500</strong></td>
<td><strong>1,090</strong></td>
<td><strong>1,080</strong></td>
<td><strong>1,390,000</strong></td>
</tr>
<tr>
<td><strong>Other silicon:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>17</td>
<td>16</td>
<td>26,700</td>
<td>224</td>
<td>217</td>
<td>307,000</td>
</tr>
</tbody>
</table>

See footnotes at end of table.
TABLE 3—Continued
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN MAY 2018¹,²

(Metric tons, unless otherwise specified)

<table>
<thead>
<tr>
<th>Country or locality</th>
<th>Gross weight</th>
<th>Contained weight</th>
<th>Value</th>
<th>Gross weight</th>
<th>Contained weight</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal—Continued:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other silicon:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>19</td>
<td>18</td>
<td>$78,000</td>
<td>156</td>
<td>152</td>
<td>$498,000</td>
</tr>
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<td>29</td>
<td>39,300</td>
<td>90</td>
<td>88</td>
<td>119,000</td>
</tr>
<tr>
<td>France</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>140</td>
<td>137</td>
<td>151,000</td>
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<tr>
<td>Germany</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>17</td>
<td>16</td>
<td>36,500</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>15</td>
<td>14</td>
<td>143,000</td>
<td>15</td>
<td>14</td>
<td>143,000</td>
</tr>
<tr>
<td>Korea, Republic of</td>
<td>48</td>
<td>47</td>
<td>157,000</td>
<td>80</td>
<td>78</td>
<td>229,000</td>
</tr>
<tr>
<td>Netherlands</td>
<td>284</td>
<td>276</td>
<td>236,000</td>
<td>284</td>
<td>276</td>
<td>236,000</td>
</tr>
<tr>
<td>Sweden</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>221</td>
<td>215</td>
<td>325,000</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>(4)</td>
<td>(4)</td>
<td>3,390</td>
<td>26</td>
<td>25</td>
<td>93,100</td>
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<td>Other (10 countries)</td>
<td>12</td>
<td>11</td>
<td>121,000</td>
<td>51</td>
<td>50</td>
<td>360,000</td>
</tr>
<tr>
<td>Total</td>
<td>424</td>
<td>412</td>
<td>804,000</td>
<td>1,300</td>
<td>1,270</td>
<td>2,500,000</td>
</tr>
<tr>
<td>Total silicon metal</td>
<td>3,500</td>
<td>3,480</td>
<td>61,900,000</td>
<td>19,500</td>
<td>19,500</td>
<td>358,000,000</td>
</tr>
</tbody>
</table>

¹Presentation of monthly data is based on the quantities (gross weight) of the leading countries.
²Data are rounded to no more than three significant digits; may not add to totals shown.
³May include revisions to previously published data.
⁴Less than ½ unit.

Source: U.S. Census Bureau.
TABLE 4
U.S. IMPORTS OF FERROSILICON AND SILICON METAL IN MAY 2018¹, ²
(Metric tons, unless otherwise specified)

<table>
<thead>
<tr>
<th>Country or locality</th>
<th>55%–80% silicon, more than 3% Ca:</th>
<th>80%–90% ferrosilicon:</th>
<th>More than 90% ferrosilicon, Brazil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brazil</td>
<td>135 101 $179,000</td>
<td>137 114 198,000</td>
<td>40 18 34,500</td>
</tr>
<tr>
<td>China</td>
<td>153 108 $302,000 153 108 302,000</td>
<td>22 18 34,500</td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>54 32 161,000</td>
<td>1 1 398,000</td>
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</tr>
<tr>
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<td>-- --</td>
<td>-- --</td>
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</tr>
<tr>
<td>Russia</td>
<td>-- --</td>
<td>-- --</td>
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</tr>
<tr>
<td>South Africa</td>
<td>54 38 113,000</td>
<td>276 201 1,640,000</td>
<td>1,210 556 2,240,000 160 133 198,000</td>
</tr>
<tr>
<td>Total</td>
<td>261 178 576,000</td>
<td>4,200 3,130 7,770,000</td>
<td>1,450 662 2,560,000 1,220 446 1,640,000</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Country or locality</th>
<th>55%–80% silicon, other:</th>
<th>Magnesium ferrosilicon:</th>
<th>Other ferrosilicon:</th>
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</thead>
<tbody>
<tr>
<td>Brazil</td>
<td>408 306 714,000</td>
<td>68 1 85,900</td>
<td>949 327 1,170,000</td>
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<tr>
<td>Canada</td>
<td>1,090 777 2,520,000</td>
<td>2 1 5,220</td>
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<tr>
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<td>1,700 1,290 2,420,000</td>
<td>48 1 9,160</td>
<td>4 2 9,160</td>
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<tr>
<td>Egypt</td>
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</tr>
<tr>
<td>France</td>
<td>142 104 378,000</td>
<td>32 1 10,400</td>
<td>4 1 10,400</td>
</tr>
<tr>
<td>Iceland</td>
<td>416 328 572,000</td>
<td>137 114 198,000</td>
<td>233 102 308,000</td>
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<tr>
<td>Kazakhstan</td>
<td>-- --</td>
<td>-- --</td>
<td>-- --</td>
</tr>
<tr>
<td>Malaysia</td>
<td>-- --</td>
<td>-- --</td>
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</tr>
<tr>
<td>Russia</td>
<td>-- --</td>
<td>-- --</td>
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</tr>
<tr>
<td>South Africa</td>
<td>416 328 572,000</td>
<td>1,210 556 2,240,000</td>
<td>276 201 1,640,000</td>
</tr>
<tr>
<td>Total</td>
<td>261 178 576,000</td>
<td>4,200 3,130 7,770,000</td>
<td>1,450 662 2,560,000</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Country or locality</th>
<th>80%–90% ferrosilicon:</th>
<th>Magnesium ferrosilicon:</th>
<th>Other ferrosilicon:</th>
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<tbody>
<tr>
<td>Argentina</td>
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<tr>
<td>Canada</td>
<td>1,210 556 2,240,000</td>
<td>68 1 85,900</td>
<td>949 327 1,170,000</td>
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<tr>
<td>China</td>
<td>4 2 9,160</td>
<td>2 1 5,220</td>
<td>165 76 279,000</td>
</tr>
<tr>
<td>Germany</td>
<td>4 1 10,400</td>
<td>48 1 9,160</td>
<td>4 2 9,160</td>
</tr>
<tr>
<td>India</td>
<td>233 102 308,000</td>
<td>32 10 103,000</td>
<td>233 102 308,000</td>
</tr>
<tr>
<td>Norway</td>
<td>-- --</td>
<td>-- --</td>
<td>-- --</td>
</tr>
<tr>
<td>Total</td>
<td>4,200 3,130 7,770,000</td>
<td>1,450 662 2,560,000</td>
<td>1,220 446 1,640,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Country or locality</th>
<th>More than 90% ferrosilicon, Brazil</th>
<th>Other ferrosilicon:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>68 1 85,900</td>
<td>949 327 1,170,000</td>
</tr>
<tr>
<td>China</td>
<td>14 14 1,560,000</td>
<td>14 14 1,560,000</td>
</tr>
<tr>
<td>Denmark</td>
<td>1 1 114,000</td>
<td>1 1 114,000</td>
</tr>
<tr>
<td>Finland</td>
<td>68 68 4,770,000</td>
<td>68 68 4,770,000</td>
</tr>
<tr>
<td>Germany</td>
<td>68 68 4,770,000</td>
<td>68 68 4,770,000</td>
</tr>
<tr>
<td>Japan</td>
<td>8 8 756,000</td>
<td>8 8 756,000</td>
</tr>
<tr>
<td>Total</td>
<td>7,130 4,410 12,500,000</td>
<td>7,130 4,410 12,500,000</td>
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Metal:

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<tr>
<td>China</td>
<td>14 14 1,560,000</td>
</tr>
<tr>
<td>Denmark</td>
<td>4 4 114,000</td>
</tr>
<tr>
<td>Finland</td>
<td>68 68 4,770,000</td>
</tr>
<tr>
<td>Germany</td>
<td>8 8 756,000</td>
</tr>
<tr>
<td>Japan</td>
<td>14 14 1,560,000</td>
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See footnotes at end of table.
TABLE 4—Continued
U.S. IMPORTS OF FERROSILICON AND SILICON METAL IN MAY 20181, 2
(Metric tons, unless otherwise specified)

<table>
<thead>
<tr>
<th>Country or locality</th>
<th>Gross weight</th>
<th>Contained weight</th>
<th>Value</th>
<th>Gross weight</th>
<th>Contained weight</th>
<th>Value</th>
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<td>More than 99.99% silicon:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Korea, Republic of</td>
<td>(4)</td>
<td>(4)</td>
<td>$15,000</td>
<td>(4)</td>
<td>(4)</td>
<td>$168,000</td>
</tr>
<tr>
<td>Spain</td>
<td>(4)</td>
<td>(4)</td>
<td>2,060</td>
<td>1</td>
<td>1</td>
<td>8,200</td>
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<tr>
<td>Sweden</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>1</td>
<td>1</td>
<td>31,000</td>
</tr>
<tr>
<td>Taiwan</td>
<td>59</td>
<td>59</td>
<td>2,230,000</td>
<td>253</td>
<td>253</td>
<td>8,870,000</td>
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<td>1</td>
<td>25,600</td>
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<td>4</td>
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<td>(4)</td>
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<td>(4)</td>
<td>(4)</td>
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<tr>
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<td>152</td>
<td>9,640,000</td>
<td>724</td>
<td>724</td>
<td>44,000,000</td>
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<tr>
<td>99.00%–99.99% silicon:</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
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<td>1,310</td>
<td>3,460,000</td>
<td>3,910</td>
<td>3,890</td>
<td>10,100,000</td>
</tr>
<tr>
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<td>2,890</td>
<td>8,490,000</td>
<td>11,000</td>
<td>10,900</td>
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<tr>
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<td>1,700</td>
<td>5,050,000</td>
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<td>10,300</td>
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<td>117</td>
<td>116</td>
<td>233,000</td>
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<tr>
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<td>403</td>
<td>1,040,000</td>
<td>1,830</td>
<td>1,810</td>
<td>4,460,000</td>
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<tr>
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<td>766</td>
<td>2,200,000</td>
<td>7,170</td>
<td>7,130</td>
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<tr>
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<td>22,700,000</td>
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<td>9,350</td>
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<td>19</td>
<td>19</td>
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<tr>
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<td>43,900</td>
<td>43,600</td>
<td>126,000,000</td>
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<td></td>
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</tr>
<tr>
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<td>1,230</td>
<td>3,430,000</td>
<td>2,780</td>
<td>2,750</td>
<td>7,820,000</td>
</tr>
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<td>--</td>
<td>--</td>
<td>--</td>
<td>39</td>
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<td>44</td>
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</tr>
<tr>
<td>Germany</td>
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<td>65</td>
<td>97,700</td>
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<td>--</td>
<td>--</td>
<td>119</td>
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<td>175,000</td>
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<tr>
<td>Japan</td>
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<td>46</td>
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<td>3,650</td>
<td>8,710,000</td>
</tr>
<tr>
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</tr>
<tr>
<td>Total</td>
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<td>1,750</td>
<td>4,470,000</td>
<td>7,820</td>
<td>7,650</td>
<td>18,900,000</td>
</tr>
<tr>
<td>Total silicon metal</td>
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<td>16,800</td>
<td>57,300,000</td>
<td>52,400</td>
<td>51,900</td>
<td>189,000,000</td>
</tr>
</tbody>
</table>

-- Zero.

1Presentation of monthly data is based on the quantities (gross weight) of the leading countries.

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

3May include revisions to previously published data.

4Less than ½ unit.

Source: U.S. Census Bureau.