ZINC IN JANUARY 2021

Domestic mine production (recoverable) of zinc in January 2021 was 71,500 metric tons (t) (tables 1, 2). Average daily mine production in January was 2,310 t, essentially unchanged from that in the previous month (revised) but 28% more than that in January 2020 (fig. 1).

Figure 1. Average daily domestic zinc mine production (recoverable) from January 2019 through January 2021.

Stocks and Prices

Global London Metal Exchange Ltd. (LME) stocks of Special High Grade (SHG) zinc were 291,750 t at the end of January 2021, 44% more than stocks at the end of the previous month and almost six times more than stocks at the end of January 2020 (fig. 2, table 8). Reported off-warrant stocks of SHG zinc in LME-approved warehouses at the end of January 2021 decreased to 65,440 t from 121,281 t at the end of December 2020 (London Metal Exchange Ltd., 2021a, b).

The monthly average S&P Global Platts Metals North American SHG zinc price in January 2021 was $1.31 per pound, slightly less than that in the previous month but 13% more than that in January 2020. The January 2021 average LME cash price for SHG zinc was $2,707.70 per metric ton ($1.23 per pound), slightly less than that in the previous month but 15% more than that in January 2020 (fig. 3, table 7).

The North American premium to the LME cash price in January 2021 averaged 7.7 cents per pound, slightly less than that in the previous month and 9% less than that in January 2020 (fig. 3, table 7).

Figure 2. Global LME stocks of Special High Grade zinc, monthend, from January 2019 through January 2021. Source: London Metal Exchange Ltd.

References Cited


Figure 3. Average monthly North American price and premium for Special High Grade zinc from January 2019 through January 2021. Source: S&P Global Platts Metals Week.

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/nmic/minerals-information-publication-list-services.
TABLE 1
SALIENT ZINC STATISTICS\(^1\)

(Metric tons, unless otherwise specified)

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>January–</td>
<td>December</td>
</tr>
<tr>
<td></td>
<td>December(^p)</td>
<td></td>
</tr>
<tr>
<td><strong>Production:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mine, zinc content of concentrate(^2)</td>
<td>718,000 (')</td>
<td>73,600 (')</td>
</tr>
<tr>
<td>Mine, recoverable zinc(^2)</td>
<td>697,000 (')</td>
<td>71,500 (')</td>
</tr>
<tr>
<td>Smelter, refined zinc(^2)</td>
<td>180,000 (')</td>
<td>18,000 (')</td>
</tr>
<tr>
<td>Consumption of refined zinc, apparent(^3)</td>
<td>878,000 (')</td>
<td>68,700 (')</td>
</tr>
<tr>
<td><strong>Imports for consumption:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ore and concentrate (zinc content)</td>
<td>3,170</td>
<td>(4)</td>
</tr>
<tr>
<td>Refined zinc</td>
<td>700,000</td>
<td>50,900</td>
</tr>
<tr>
<td><strong>Exports:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ore and concentrate (zinc content)</td>
<td>549,000</td>
<td>11,100</td>
</tr>
<tr>
<td>Refined zinc</td>
<td>2,480</td>
<td>197</td>
</tr>
<tr>
<td><strong>Price:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>London Metal Exchange cash, average, dollars per metric ton</td>
<td>2,264.42</td>
<td>2,782.36</td>
</tr>
<tr>
<td>North American,(^6) average, cents per pound</td>
<td>110.79</td>
<td>134.11</td>
</tr>
</tbody>
</table>

\(^1\)Estimated. \(^p\)Preliminary. \(^r\)Revised.
\(^2\)Data are rounded to no more than three significant digits, except prices; may not add to totals shown.
\(^3\)Reported zinc content in both zinc and lead concentrates.
\(^4\)Smelter production plus imports for consumption minus domestic exports.
\(^5\)Less than ½ unit.
\(^6\)Special High Grade Zinc.
\(^7\)S&P Global Platts Metals.
TABLE 2
MINE AND SMELTER PRODUCTION OF ZINC
IN THE UNITED STATES

(Metric tons)

<table>
<thead>
<tr>
<th>Period</th>
<th>Mine²</th>
<th>Recoverable</th>
<th>Smelter³</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Zinc content</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2020:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>57,700</td>
<td>56,000</td>
<td>10,000</td>
</tr>
<tr>
<td>February</td>
<td>60,600</td>
<td>58,800</td>
<td>10,000</td>
</tr>
<tr>
<td>March</td>
<td>61,900</td>
<td>60,100</td>
<td>12,000</td>
</tr>
<tr>
<td>April</td>
<td>39,300</td>
<td>38,200</td>
<td>14,000</td>
</tr>
<tr>
<td>May</td>
<td>48,500</td>
<td>47,000</td>
<td>15,000</td>
</tr>
<tr>
<td>June</td>
<td>49,100</td>
<td>47,600</td>
<td>15,000</td>
</tr>
<tr>
<td>July</td>
<td>61,100</td>
<td>59,400</td>
<td>16,000</td>
</tr>
<tr>
<td>August</td>
<td>78,800</td>
<td>76,400</td>
<td>16,000</td>
</tr>
<tr>
<td>September</td>
<td>62,900</td>
<td>61,100</td>
<td>16,000</td>
</tr>
<tr>
<td>October</td>
<td>63,900</td>
<td>62,000</td>
<td>18,000</td>
</tr>
<tr>
<td>November</td>
<td>61,100</td>
<td>59,300</td>
<td>18,000</td>
</tr>
<tr>
<td>December</td>
<td>73,600</td>
<td>71,500</td>
<td>18,000</td>
</tr>
<tr>
<td>January–December</td>
<td>718,000</td>
<td>697,000</td>
<td>180,000</td>
</tr>
<tr>
<td>2021, January</td>
<td>73,600</td>
<td>71,500</td>
<td>18,000</td>
</tr>
</tbody>
</table>

²Estimated. ³Revised.
¹Data are rounded to no more than three significant digits; may not add to totals shown.
²Includes the zinc content in both lead and zinc concentrates.
<table>
<thead>
<tr>
<th>Material</th>
<th>2020</th>
<th>2021</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Quantity (metric tons)</td>
<td>Value (thousands)</td>
<td>Quantity (metric tons)</td>
<td>Value (thousands)</td>
</tr>
<tr>
<td>Ore and concentrate (zinc content)</td>
<td>3,170</td>
<td>$4,410</td>
<td>6,010</td>
<td>$5,380</td>
</tr>
<tr>
<td>Unwrought:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refined zinc</td>
<td>700,000</td>
<td>1,600,000</td>
<td>57,500</td>
<td>156,000</td>
</tr>
<tr>
<td>Zinc alloys</td>
<td>1,370</td>
<td>3,680</td>
<td>661</td>
<td>1,720</td>
</tr>
<tr>
<td>Wrought:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bars, rods, profiles, wire</td>
<td>3,260</td>
<td>10,200</td>
<td>257</td>
<td>909</td>
</tr>
<tr>
<td>Plates, sheets, strip, foil</td>
<td>2,570</td>
<td>11,500</td>
<td>90</td>
<td>411</td>
</tr>
<tr>
<td>Ash and residues:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zinc dross and skimmings</td>
<td>3,800</td>
<td>5,680</td>
<td>304</td>
<td>583</td>
</tr>
<tr>
<td>Other (zinc content)</td>
<td>1,130</td>
<td>717</td>
<td>288</td>
<td>178</td>
</tr>
<tr>
<td>Other:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Powders, flakes, dust</td>
<td>24,600</td>
<td>83,700</td>
<td>2,430</td>
<td>9,150</td>
</tr>
<tr>
<td>Waste and scrap</td>
<td>11,400</td>
<td>15,800</td>
<td>761</td>
<td>1,300</td>
</tr>
<tr>
<td>Chemicals:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lithopone</td>
<td>1,150</td>
<td>4,200</td>
<td>97</td>
<td>423</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>102,000</td>
<td>252,000</td>
<td>9,050</td>
<td>23,000</td>
</tr>
<tr>
<td>Zinc chloride</td>
<td>275</td>
<td>1,640</td>
<td>10</td>
<td>97</td>
</tr>
<tr>
<td>Zinc sulfate</td>
<td>92,600</td>
<td>70,900</td>
<td>7,450</td>
<td>6,480</td>
</tr>
<tr>
<td>Zinc sulfide</td>
<td>964</td>
<td>4,720</td>
<td>121</td>
<td>613</td>
</tr>
</tbody>
</table>

Data are rounded to no more than three significant digits.

Source: U.S. Census Bureau.
### TABLE 4
U.S. IMPORTS OF ZINC, BY TYPE OF MATERIAL AND COUNTRY OR LOCALITY¹

(Metric tons, gross weight, unless otherwise specified)

<table>
<thead>
<tr>
<th>Material and country or locality</th>
<th>General imports</th>
<th>Imports for consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2020 January 2020</td>
<td>2021 January 2021</td>
</tr>
<tr>
<td>Ore and concentrate (zinc content):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>1,060 --</td>
<td>1,060 --</td>
</tr>
<tr>
<td>Mexico (2)</td>
<td>394 (2)</td>
<td>394 (2)</td>
</tr>
<tr>
<td>Peru</td>
<td>2,100 5,620</td>
<td>2,100 5,620</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>3,170 6,010</strong></td>
<td><strong>3,170 6,010</strong></td>
</tr>
<tr>
<td>Refined zinc:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Australia</td>
<td>33,000 --</td>
<td>2,000 1,500</td>
</tr>
<tr>
<td>Belgium</td>
<td>24,100 --</td>
<td>1 --</td>
</tr>
<tr>
<td>Brazil</td>
<td>21,900 --</td>
<td>13,400 --</td>
</tr>
<tr>
<td>Canada</td>
<td>489,000 37,400</td>
<td>489,000 37,400</td>
</tr>
<tr>
<td>China (2)</td>
<td>108 (2)</td>
<td>108 (2)</td>
</tr>
<tr>
<td>Korea, Republic of</td>
<td>39,100 4,050</td>
<td>21,100 4,090</td>
</tr>
<tr>
<td>Mexico</td>
<td>130,000 11,100</td>
<td>130,000 11,100</td>
</tr>
<tr>
<td>Netherlands</td>
<td>1,470 --</td>
<td>--</td>
</tr>
<tr>
<td>Peru</td>
<td>44,400 3,360</td>
<td>44,400 3,360</td>
</tr>
<tr>
<td>Poland</td>
<td>100 --</td>
<td>100 --</td>
</tr>
<tr>
<td>Spain</td>
<td>20,000 --</td>
<td>123 --</td>
</tr>
<tr>
<td>Taiwan</td>
<td>24 --</td>
<td>24 --</td>
</tr>
<tr>
<td>Other (2)</td>
<td>2 (2)</td>
<td>2 (2)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>803,000 56,000</strong></td>
<td><strong>700,000 57,500</strong></td>
</tr>
<tr>
<td>Oxide:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Australia</td>
<td>538 7</td>
<td>538 7</td>
</tr>
<tr>
<td>Canada</td>
<td>42,600 3,810</td>
<td>42,600 3,810</td>
</tr>
<tr>
<td>China</td>
<td>175 26</td>
<td>175 26</td>
</tr>
<tr>
<td>Germany</td>
<td>1,160 172</td>
<td>1,160 172</td>
</tr>
<tr>
<td>Greece</td>
<td>798 80</td>
<td>798 80</td>
</tr>
<tr>
<td>Japan</td>
<td>868 30</td>
<td>868 30</td>
</tr>
<tr>
<td>Mexico</td>
<td>43,100 3,830</td>
<td>43,100 3,830</td>
</tr>
<tr>
<td>Netherlands</td>
<td>9,030 647</td>
<td>9,030 647</td>
</tr>
<tr>
<td>Peru</td>
<td>3,850 402</td>
<td>3,850 402</td>
</tr>
<tr>
<td>Other</td>
<td>254 49</td>
<td>254 49</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>102,000 9,050</strong></td>
<td><strong>102,000 9,050</strong></td>
</tr>
</tbody>
</table>

-- Zero.

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

²Less than ½ unit.

Source: U.S. Census Bureau.
TABLE 5
U.S. EXPORTS OF ZINC1

(Gross weight, unless otherwise specified)

<table>
<thead>
<tr>
<th>Material</th>
<th>2020 Quantity (metric tons)</th>
<th>2020 Value (thousands)</th>
<th>2021 Quantity (metric tons)</th>
<th>2021 Value (thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ore and concentrate (zinc content)</td>
<td>549,000</td>
<td>$806,000</td>
<td>12,400</td>
<td>$24,800</td>
</tr>
<tr>
<td>Unwrought:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refined zinc</td>
<td>2,480</td>
<td>6,810</td>
<td>261</td>
<td>855</td>
</tr>
<tr>
<td>Zinc alloys</td>
<td>19,900</td>
<td>54,000</td>
<td>1,860</td>
<td>5,730</td>
</tr>
<tr>
<td>Wrought:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bars, rods, profiles, wire</td>
<td>9,500</td>
<td>28,900</td>
<td>900</td>
<td>2,570</td>
</tr>
<tr>
<td>Plates, sheets, strip, foil</td>
<td>5,460</td>
<td>20,300</td>
<td>769</td>
<td>2,800</td>
</tr>
<tr>
<td>Ash and residues:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hard zinc spelter</td>
<td>9,150</td>
<td>12,300</td>
<td>995</td>
<td>1,680</td>
</tr>
<tr>
<td>Other (zinc content)</td>
<td>23,000</td>
<td>30,700</td>
<td>1,830</td>
<td>2,760</td>
</tr>
<tr>
<td>Other:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Powders, flakes, dust</td>
<td>13,600</td>
<td>49,500</td>
<td>650</td>
<td>2,330</td>
</tr>
<tr>
<td>Waste and scrap</td>
<td>25,000</td>
<td>29,600</td>
<td>2,510</td>
<td>3,510</td>
</tr>
<tr>
<td>Chemicals:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lithopone</td>
<td>522</td>
<td>1,900</td>
<td>39</td>
<td>207</td>
</tr>
<tr>
<td>Zinc oxide</td>
<td>44,900</td>
<td>56,000</td>
<td>5,510</td>
<td>7,900</td>
</tr>
<tr>
<td>Zinc chloride</td>
<td>419</td>
<td>747</td>
<td>5</td>
<td>19</td>
</tr>
<tr>
<td>Zinc sulfate</td>
<td>507</td>
<td>507</td>
<td>94</td>
<td>66</td>
</tr>
<tr>
<td>Zinc sulfide</td>
<td>1,420</td>
<td>13,000</td>
<td>333</td>
<td>1,700</td>
</tr>
</tbody>
</table>

1Data are rounded to no more than three significant digits.

Source: U.S. Census Bureau.
### TABLE 6
U.S. EXPORTS OF ZINC, BY TYPE OF MATERIAL AND COUNTRY OR LOCALITY\(^1\)

(Metric tons, gross weight, unless otherwise specified)

<table>
<thead>
<tr>
<th>Material and country or locality</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>January</td>
</tr>
<tr>
<td>Ore and concentrate (zinc content):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Australia</td>
<td>63,300</td>
<td>--</td>
</tr>
<tr>
<td>Belgium</td>
<td>40,000</td>
<td>--</td>
</tr>
<tr>
<td>Canada</td>
<td>287,000</td>
<td>5,060</td>
</tr>
<tr>
<td>Finland</td>
<td>15,700</td>
<td>--</td>
</tr>
<tr>
<td>Germany</td>
<td>21,100</td>
<td>--</td>
</tr>
<tr>
<td>Italy</td>
<td>5,290</td>
<td>--</td>
</tr>
<tr>
<td>Japan</td>
<td>38,500</td>
<td>1,020</td>
</tr>
<tr>
<td>Korea, Republic of</td>
<td>59,200</td>
<td>6,360</td>
</tr>
<tr>
<td>Peru</td>
<td>120</td>
<td>--</td>
</tr>
<tr>
<td>Spain</td>
<td>18,400</td>
<td>--</td>
</tr>
<tr>
<td>Other</td>
<td>31</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>549,000</td>
<td>12,400</td>
</tr>
<tr>
<td>Refined zinc:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Australia</td>
<td>34</td>
<td>--</td>
</tr>
<tr>
<td>Canada</td>
<td>962</td>
<td>178</td>
</tr>
<tr>
<td>Colombia</td>
<td>124</td>
<td>--</td>
</tr>
<tr>
<td>Guatemala</td>
<td>10</td>
<td>--</td>
</tr>
<tr>
<td>India</td>
<td>297</td>
<td>--</td>
</tr>
<tr>
<td>Mexico</td>
<td>833</td>
<td>82</td>
</tr>
<tr>
<td>Panama</td>
<td>50</td>
<td>--</td>
</tr>
<tr>
<td>Vietnam</td>
<td>164</td>
<td>--</td>
</tr>
<tr>
<td>Other</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>2,480</td>
<td>261</td>
</tr>
<tr>
<td>Oxide:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Australia</td>
<td>503</td>
<td>--</td>
</tr>
<tr>
<td>Canada</td>
<td>3,290</td>
<td>229</td>
</tr>
<tr>
<td>India</td>
<td>385</td>
<td>5</td>
</tr>
<tr>
<td>Mexico</td>
<td>38,500</td>
<td>5,140</td>
</tr>
<tr>
<td>Other</td>
<td>2,190</td>
<td>136</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>44,900</td>
<td>5,510</td>
</tr>
</tbody>
</table>

\(^1\)Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.
## TABLE 7
AVERAGE PRICES FOR SPECIAL HIGH GRADE ZINC

<table>
<thead>
<tr>
<th>Period</th>
<th>North American Premium</th>
<th>North American Price&lt;sup&gt;1&lt;/sup&gt;</th>
<th>London Metal Exchange cash&lt;sup&gt;2&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>¢/lb.</td>
<td>¢/lb.</td>
<td>¢/lb.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>$/t</td>
</tr>
<tr>
<td>2020:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>8.5</td>
<td>115.42</td>
<td>106.89</td>
</tr>
<tr>
<td>February</td>
<td>8.5</td>
<td>104.68</td>
<td>96.16</td>
</tr>
<tr>
<td>March</td>
<td>8.4</td>
<td>94.79</td>
<td>86.42</td>
</tr>
<tr>
<td>April</td>
<td>8.5</td>
<td>94.39</td>
<td>85.91</td>
</tr>
<tr>
<td>May</td>
<td>7.8</td>
<td>96.87</td>
<td>89.06</td>
</tr>
<tr>
<td>June</td>
<td>7.8</td>
<td>99.40</td>
<td>91.65</td>
</tr>
<tr>
<td>July</td>
<td>7.8</td>
<td>105.83</td>
<td>98.08</td>
</tr>
<tr>
<td>August</td>
<td>7.8</td>
<td>117.00</td>
<td>109.17</td>
</tr>
<tr>
<td>September</td>
<td>8.0</td>
<td>119.15</td>
<td>111.15</td>
</tr>
<tr>
<td>October</td>
<td>8.0</td>
<td>118.75</td>
<td>110.75</td>
</tr>
<tr>
<td>November</td>
<td>8.0</td>
<td>129.10</td>
<td>121.10</td>
</tr>
<tr>
<td>December</td>
<td>7.9</td>
<td>134.11</td>
<td>126.21</td>
</tr>
<tr>
<td>January–December</td>
<td>8.1</td>
<td>110.79</td>
<td>102.71</td>
</tr>
<tr>
<td>2021, January</td>
<td>7.7</td>
<td>130.57</td>
<td>122.82</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2,707.70</td>
</tr>
</tbody>
</table>


<sup>2</sup>Average of the cash buyer price and the cash seller and settlement price.

Source: S&P Global Platts Metals Week.
TABLE 8
LONDON METAL EXCHANGE (LME) STOCKS OF SPECIAL HIGH GRADE ZINC, END OF PERIOD
(Metric tons)

<table>
<thead>
<tr>
<th>Period</th>
<th>Baltimore, MD, Total</th>
<th>New Orleans, LA Total</th>
<th>Asia Total</th>
<th>Europe Total</th>
<th>Other Total</th>
<th>Total LME Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>--</td>
<td>4,150</td>
<td>4,150</td>
<td>25,950</td>
<td>19,300</td>
<td>375</td>
</tr>
<tr>
<td>February</td>
<td>--</td>
<td>4,100</td>
<td>4,100</td>
<td>30,750</td>
<td>40,000</td>
<td>350</td>
</tr>
<tr>
<td>March</td>
<td>--</td>
<td>4,000</td>
<td>4,000</td>
<td>36,650</td>
<td>32,950</td>
<td>200</td>
</tr>
<tr>
<td>April</td>
<td>--</td>
<td>4,200</td>
<td>4,200</td>
<td>47,325</td>
<td>49,225</td>
<td>100</td>
</tr>
<tr>
<td>May</td>
<td>--</td>
<td>4,175</td>
<td>4,175</td>
<td>44,700</td>
<td>50,675</td>
<td>25</td>
</tr>
<tr>
<td>June</td>
<td>3,825</td>
<td>16,675</td>
<td>20,500</td>
<td>60,425</td>
<td>41,625</td>
<td>--</td>
</tr>
<tr>
<td>July</td>
<td>475</td>
<td>46,075</td>
<td>46,550</td>
<td>96,525</td>
<td>44,900</td>
<td>--</td>
</tr>
<tr>
<td>August</td>
<td>475</td>
<td>54,650</td>
<td>55,125</td>
<td>119,300</td>
<td>45,700</td>
<td>--</td>
</tr>
<tr>
<td>September</td>
<td>475</td>
<td>52,950</td>
<td>53,425</td>
<td>114,575</td>
<td>44,575</td>
<td>--</td>
</tr>
<tr>
<td>October</td>
<td>475</td>
<td>54,500</td>
<td>54,975</td>
<td>124,200</td>
<td>40,025</td>
<td>--</td>
</tr>
<tr>
<td>November</td>
<td>475</td>
<td>54,500</td>
<td>54,975</td>
<td>129,700</td>
<td>35,825</td>
<td>--</td>
</tr>
<tr>
<td>December</td>
<td>475</td>
<td>54,500</td>
<td>54,975</td>
<td>113,025</td>
<td>34,075</td>
<td>--</td>
</tr>
<tr>
<td>2021: January</td>
<td>8,150</td>
<td>102,150</td>
<td>110,300</td>
<td>149,000</td>
<td>32,450</td>
<td>--</td>
</tr>
</tbody>
</table>

-- Zero.

Source: London Metal Exchange, Ltd.