Cave Creek 2018 Community Greenhouse Gas (GHG) Emissions Inventory

**GHG Emissions by Source Category**

<table>
<thead>
<tr>
<th>Source Category</th>
<th>MTCO$_2$e</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electricity Use</td>
<td>141,053</td>
<td>78.7</td>
</tr>
<tr>
<td>Mobile Sources</td>
<td>27,975</td>
<td>15.6</td>
</tr>
<tr>
<td>Stationary Fuel Combustion</td>
<td>6,872</td>
<td>3.8</td>
</tr>
<tr>
<td>Wastewater</td>
<td>1,271</td>
<td>0.7</td>
</tr>
<tr>
<td>Solid Waste</td>
<td>881</td>
<td>0.5</td>
</tr>
<tr>
<td>Manufacturing (Fluorinated Gas Use)</td>
<td>758</td>
<td>0.4</td>
</tr>
<tr>
<td>Imported Water (Electricity Used)</td>
<td>319</td>
<td>0.2</td>
</tr>
<tr>
<td>Livestock (Cattle)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Fertilizer Use</td>
<td>19</td>
<td>0</td>
</tr>
</tbody>
</table>

*Metric tons of carbon dioxide equivalent

**Gross GHG Emissions**
179,148 MTCO$_2$e

**GHG Reductions (Urban Forestry)**
-168 MTCO$_2$e

**Net GHG Emissions**
178,980 MTCO$_2$e

**Per Capita Net GHG Emissions**
31.1 MTCO$_2$e

**Cave Creek Greenhouse Gas Emissions by Source Category**

- Mobile Sources: 15.6%
- Stationary Fuel Combustion: 3.8%
- Wastewater: 0.7%
- Solid Waste: 0.5%
- Manufacturing Gases: 0.4%
- Imported Water: 0.2%
- Other: 1.9%

**Fertilizer use and livestock not included**

**Cave Creek Electricity Use GHG Emissions by Economic Sector**

- Residential: 77.4% (234 GWh)
- Commercial: 21.9% (66 GWh)
- Industrial: 0.6% (2 GWh)

**Cave Creek Mobile Source GHG Emissions**

- Personal Vehicles: 60.4%
- Trucks: 22.5%
- Public Transit: 12.1%
- Nonroad: 0.4%
- Locomotives: 0.5%
- Airport: 4.0%