## Types of Ignition Sources Involved in UC Irvine Campus Fires/Explosions

<table>
<thead>
<tr>
<th>Ignition Source</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical</td>
<td>6</td>
<td>21.5%</td>
</tr>
<tr>
<td>Electrical</td>
<td>5</td>
<td>17.9%</td>
</tr>
<tr>
<td>Arson</td>
<td>3</td>
<td>10.8%</td>
</tr>
<tr>
<td>Candle</td>
<td>2</td>
<td>7.1%</td>
</tr>
<tr>
<td>Hydrogen Gas</td>
<td>2</td>
<td>7.1%</td>
</tr>
<tr>
<td>Mechanical</td>
<td>2</td>
<td>7.1%</td>
</tr>
<tr>
<td>Smoking Related</td>
<td>2</td>
<td>7.1%</td>
</tr>
<tr>
<td>Unknown</td>
<td>2</td>
<td>7.1%</td>
</tr>
<tr>
<td>Welding</td>
<td>2</td>
<td>7.1%</td>
</tr>
<tr>
<td>Cooking Related</td>
<td>1</td>
<td>3.6%</td>
</tr>
<tr>
<td>Natural Gas</td>
<td>1</td>
<td>3.6%</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>28</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>

## Types of Buildings Involved in UC Irvine Campus Fires/Explosions

<table>
<thead>
<tr>
<th>Type of Building</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory Building</td>
<td>14</td>
<td>50.0%</td>
</tr>
<tr>
<td>Residence Hall</td>
<td>7</td>
<td>25.0%</td>
</tr>
<tr>
<td>Construction Site</td>
<td>2</td>
<td>7.0%</td>
</tr>
<tr>
<td>Administration Building</td>
<td>1</td>
<td>3.6%</td>
</tr>
<tr>
<td>Assembly Building</td>
<td>1</td>
<td>3.6%</td>
</tr>
<tr>
<td>Parking Lot</td>
<td>1</td>
<td>3.6%</td>
</tr>
<tr>
<td>Parking Structure</td>
<td>1</td>
<td>3.6%</td>
</tr>
<tr>
<td>Storage Bin at Verano Place</td>
<td>1</td>
<td>3.6%</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>28</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>

## Types of Ignition Sources Involved in UC Irvine Housing Community Fires

<table>
<thead>
<tr>
<th>Ignition Source</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candle</td>
<td>2</td>
<td>25.0%</td>
</tr>
<tr>
<td>Smoking Related</td>
<td>2</td>
<td>25.0%</td>
</tr>
<tr>
<td>Arson</td>
<td>1</td>
<td>12.5%</td>
</tr>
<tr>
<td>Cooking Related</td>
<td>1</td>
<td>12.5%</td>
</tr>
<tr>
<td>Electrical</td>
<td>1</td>
<td>12.5%</td>
</tr>
<tr>
<td>Unknown</td>
<td>1</td>
<td>12.5%</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>8</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>

## Types of Ignition Sources Involved in UC Irvine Laboratory Fires/Explosions

<table>
<thead>
<tr>
<th>Ignition Source</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical</td>
<td>6</td>
<td>42.9%</td>
</tr>
<tr>
<td>Electrical</td>
<td>3</td>
<td>21.5%</td>
</tr>
<tr>
<td>Hydrogen Gas</td>
<td>2</td>
<td>14.3%</td>
</tr>
<tr>
<td>Mechanical</td>
<td>1</td>
<td>7.1%</td>
</tr>
<tr>
<td>Natural Gas</td>
<td>1</td>
<td>7.1%</td>
</tr>
<tr>
<td>Unknown</td>
<td>1</td>
<td>7.1%</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>14</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>

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**Note:** The data used to calculate these statistics were compiled through UC Irvine sources.