HEAT ASSOCIATED DEATHS
2017 WEEKLY REPORT
Week 31 (07/30-08/05)

Maricopa County Department of Public Health (MCDPH) conducts weekly heat associated mortality surveillance. The enhanced heat surveillance season usually begins in May and ends in October. This heat season (2017), there have been a total of 29 confirmed heat associated deaths. Cooling and hydration stations in Maricopa County are open to the public throughout the heat season. For more information on Heat, please visit http://www.HeatAZ.org.

Maricopa County 2017
Environmental Heat Associated and Under Investigation Deaths (N=147)
Update Week 31 (07/30-08/05)

- Heat Caused (N=18)
- Heat Related (N=11)
- Under Investigation (N=118)

*Counts are preliminary and may increase as additional data are received.

Heat Caused (HC): Cases that mention heat or heat exposure in Part I of the death certificate causes of death (diseases or conditions in the direct sequence causing death), for variables cod_a, cod_b, cod_c, or cod_d. County of death: Maricopa.

Heat Related (HR): Cases that mention heat exposure in Part II of the death certificate causes of death (diseases and conditions contributing but not directly resulting in the death sequence), but not in any of the Part I variables (cod_a, cod_b, cod_c, or cod_d). County of death: Maricopa.

Under Investigation (UI): Cases the Maricopa County Office of Medical Examiner suspects are heat associated deaths.

Data Sources: Maricopa County, Office of Vital Registration and Office of Medical Examiner; Arizona Department of Health Services, Office of Vital Registration.

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<table>
<thead>
<tr>
<th>Year Total</th>
<th>Place of Injury</th>
<th>Air Conditioning Status (Indoor Deaths Only)</th>
<th>Age Group</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Indoor</td>
<td>Outdoor</td>
<td>Unk</td>
</tr>
<tr>
<td>29</td>
<td>16</td>
<td>13</td>
<td>0</td>
</tr>
</tbody>
</table>

- **2017 Cases**
  - Confirmed
  - Under Investigation
  - First Confirmed: 4/10/2017

- **2016 Cases**
  - Confirmed
  - Under Investigation
  - First Confirmed: 6/13/2016

*Counts are preliminary and may increase as additional data are received.

Heat Caused (HC): Cases that mention heat or heat exposure in Part I of the death certificate causes of death (diseases or conditions in the direct sequence causing death), for variables cod_a, cod_b, cod_c, or cod_d. County of death: Maricopa.

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Under Investigation (UI): Cases the Maricopa County Office of Medical Examiner suspects are heat associated deaths.

Data Sources: Maricopa County, Office of Vital Registration and Office of Medical Examiner; Arizona Department of Health Services, Office of Vital Registration.
Table 1: Confirmed Heat Deaths by Month with Temperature Data, Maricopa County (N=29)

<table>
<thead>
<tr>
<th>Month</th>
<th>MAX</th>
<th>MIN</th>
<th>Number of Days 110 or Above</th>
<th>Number of Days 100 or Above</th>
<th>Days of Excessive Heat Warning</th>
<th>Number of Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>March</td>
<td>84</td>
<td>57</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>April</td>
<td>89</td>
<td>62</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>May</td>
<td>95</td>
<td>70</td>
<td>0</td>
<td>12</td>
<td>0</td>
<td>0</td>
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<tr>
<td>June</td>
<td>108</td>
<td>81</td>
<td>11</td>
<td>26</td>
<td>13</td>
<td>10</td>
</tr>
<tr>
<td>July</td>
<td>106</td>
<td>84</td>
<td>8</td>
<td>28</td>
<td>3</td>
<td>13</td>
</tr>
<tr>
<td>August</td>
<td>102</td>
<td>80</td>
<td>0</td>
<td>4</td>
<td>0</td>
<td>2</td>
</tr>
</tbody>
</table>

*Two confirmed heat deaths in March 2017*