Heat-Associated Deaths in Maricopa County, Arizona 2001-2018

N=1516
2018 Heat Associated Deaths by Residency

- 7% AZ residents
- 88% MC residents
- 5% not from Arizona
Most of heat injuries occurred outdoors in 2018.
Seventy-two percent of all heat-associated deaths occurred in the months of July and August (N=130).
Twenty-three percent (N=41) of heat-associated deaths occurred on days for which an excessive heat warning has been issued.

- Seven excessive heat warnings were issued for Maricopa County by the National Weather Service in 2018.
- The highest daily maximum temperature in 2018 was 116°F and occurred July 24th and July 25th.
Seventy-three percent (N=132) of heat-associated deaths were among those 50 and older.
Environmental Heat Illness by Year, Maricopa County (2006-2017)
Environmental Heat Related Hospital Visits, Maricopa County (2006-2017)

- Emergency: 82%
- In-Patient: 18%
Mean in-Patient Length of Stay, Maricopa County (2006-2017)
3rd Annual BCCPH Meeting

Bridging Climate Change and Public Health (BCCPH) Coalition
Strategic Plan Mission:
“Adaptation and mitigation of climate-sensitive hazards to improve community health”

- Celebrating Success and Champions
- Coordinating Research and Collaborative Efforts to Catalyze Change
- Building Community Awareness through a Strategic and Targeted Communication
- Promoting Community Awareness and Public Education about Climate and Health
- Fostering Environmental Action for Healthier Community
Celebrating Successes

Maricopa County Partnership for Bridging Climate Change and Public Health

MCDPH Finalizes Strategic Plan
Over the past year the Maricopa County Department of Public Health has been working with key stakeholders to develop a Climate and Health Strategic Plan. MCDPH is happy to announce that the plan is complete and available for distribution. The strategic plan outlines five strategic directions and the role of action teams. Strategic directions and the respective action team leads are listed below. The full strategic plan as well as a webinar series with more information about each of the action teams is available on the MCDPH Climate and Health website.

- Fostering Environmental Actions for a Healthier Community
  Lead: Carrie Smith, Foundation for Senior Living
  Co-Lead: Matthew Roach, Arizona Department of Health Services

- Coordinating Research and Collaborative Efforts to Catalyze Change
  Lead: Erika Barrett, University of Arizona
  Co-Lead: Anna Bettis, Virginia G. Piper Charitable Trust

- Building Community Awareness Through a Strategic and Targeted Communication Plan
  Lead: Emily Mead, Institute for Sustainable Communities
  Co-Lead: Amber Hansen, Health Care Without Harm

- Promoting Public Education About Climate and Health
  Lead: David Hondula, Arizona State University
  Co-Lead: Lucy Flatten, Citizens’ Climate Lobby

- Celebrating Success and Champions
  Lead: Jessica Bell, Maricopa County Department of Public Health
  Co-Lead: Vjolica Berisha, Maricopa County Department of Public Health

Climate and Health Champions Announced
Celebrating success and champions in the community who are doing great work in the area of climate and health is one of the strategic directions of the MCDPH Strategic Plan. We are happy to announce the winners of the first ever Climate and Health Champions. Visit the Climate and Health Champions webpage to learn more about each of the winners.

Heat Story Map
MCDPH recently completed a story map using 10 years worth of heat surveillance data to show the severity of environmental heat in Maricopa County. View the story map at heataz.org.

Nature Conservancy
With local partners and residents in three neighborhoods in Phoenix and Mesa, the Nature Conservancy works to find solutions to create a healthier environment in areas across the valley most affected by heat and to incorporate those strategies into regional planning efforts.

County Environmental Heat Statistics
For the most up-to-date data on environmental heat illness and death check out the Weekly Heat Mortality/Morbidity reports produced by MCDPH Office of Epidemiology.
Questions?

Maricopa County Resources:

- [www.heataz.org](http://www.heataz.org)
- Story Map About Heat: The Silent Killer
- Climate Change and Health
- Champion program

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