

# Heat Relief Update

**May 23, 2024**

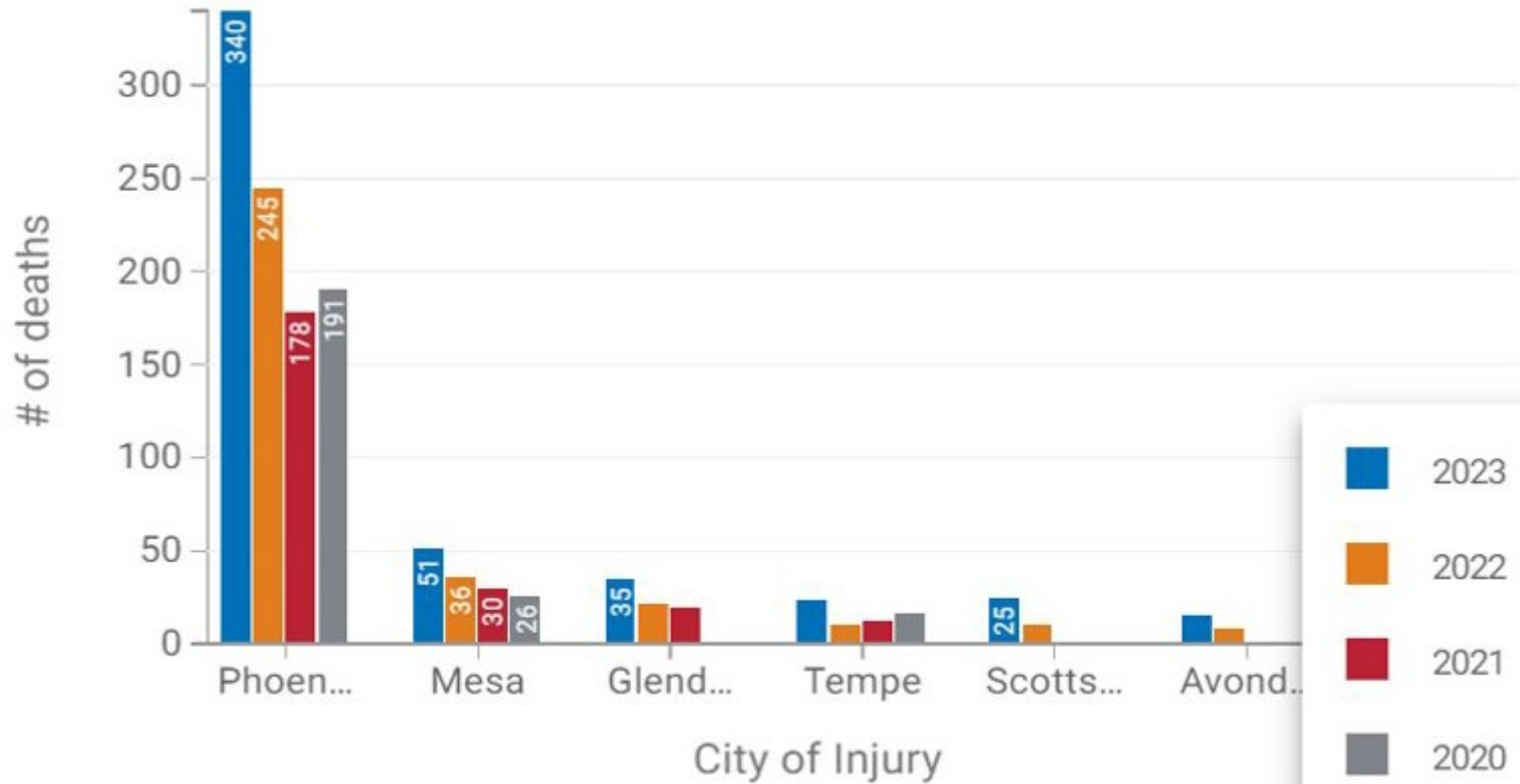
Lindsey Balinkie, Deputy Director, Community Services

Robert Campa, Emergency Manager, Mesa Fire and Medical

Evan Allred, Chief Data Officer, Data and Performance Management

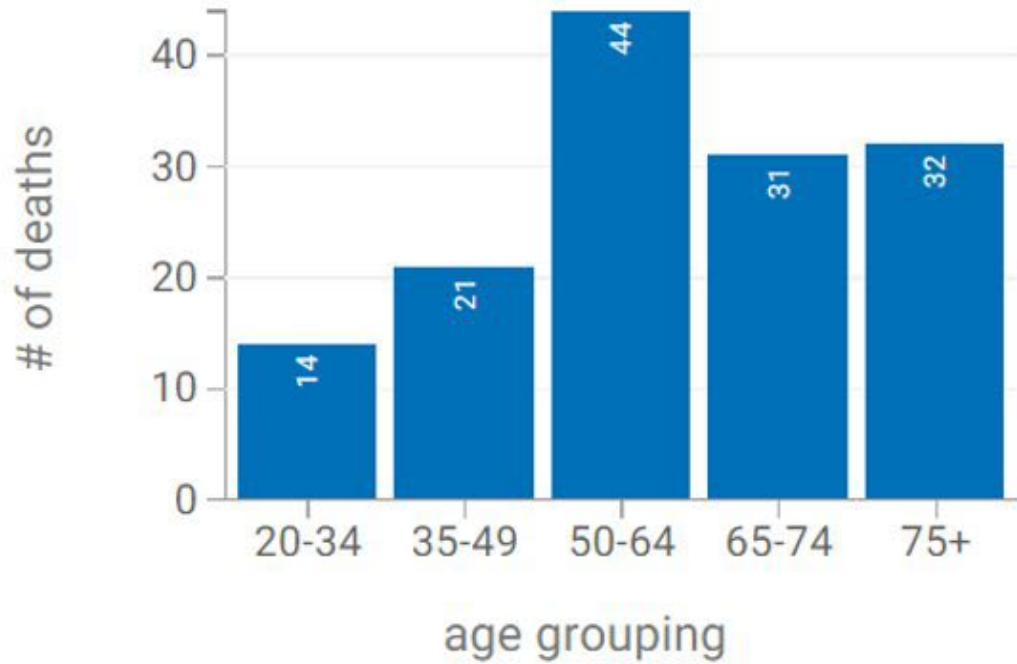
## Heat-related deaths by City

# heat-related deaths determined by Maricopa County Health Dept



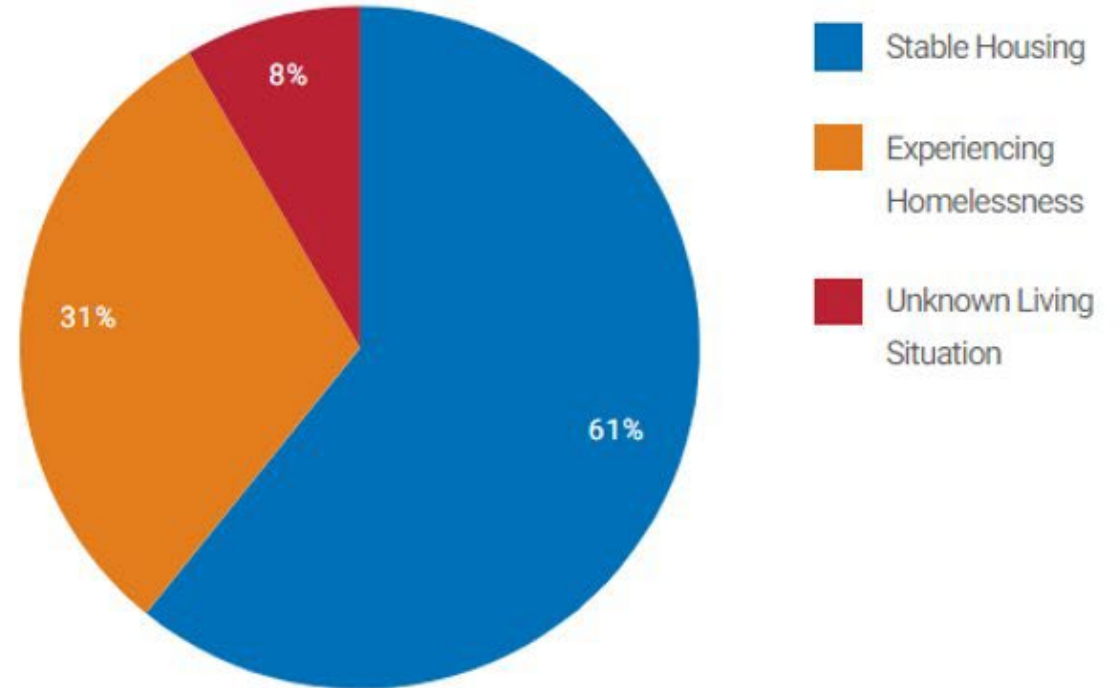
## Deaths by Age

Mesa 2020-2023 Heat Related Deaths



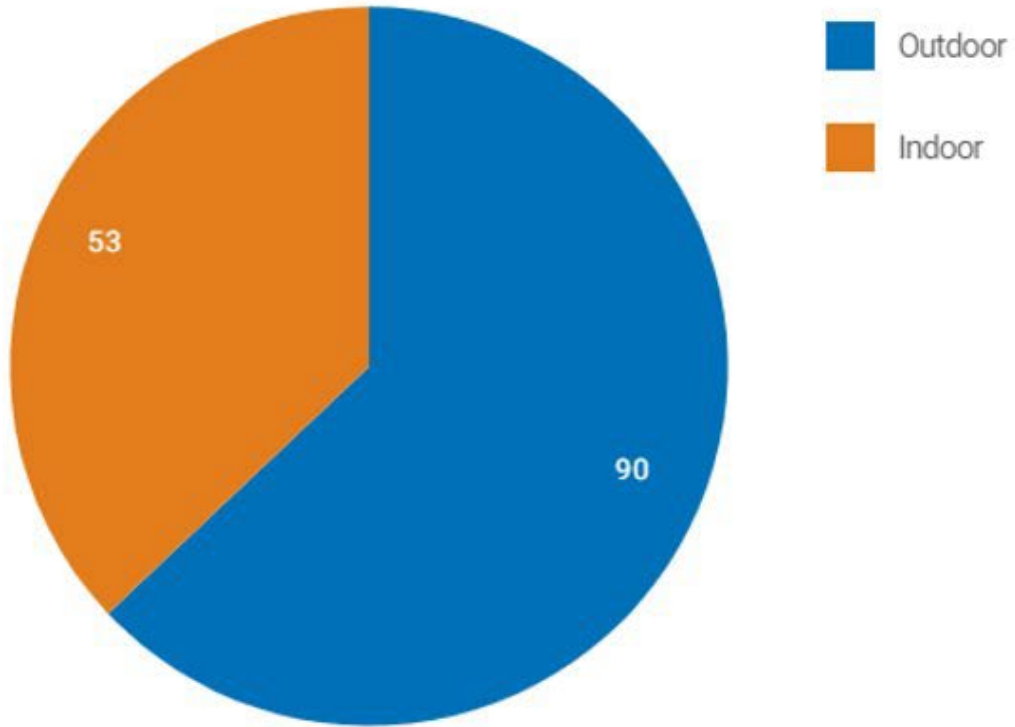
## Deaths by Housing Status

Mesa 2020-2023 Heat Related Deaths



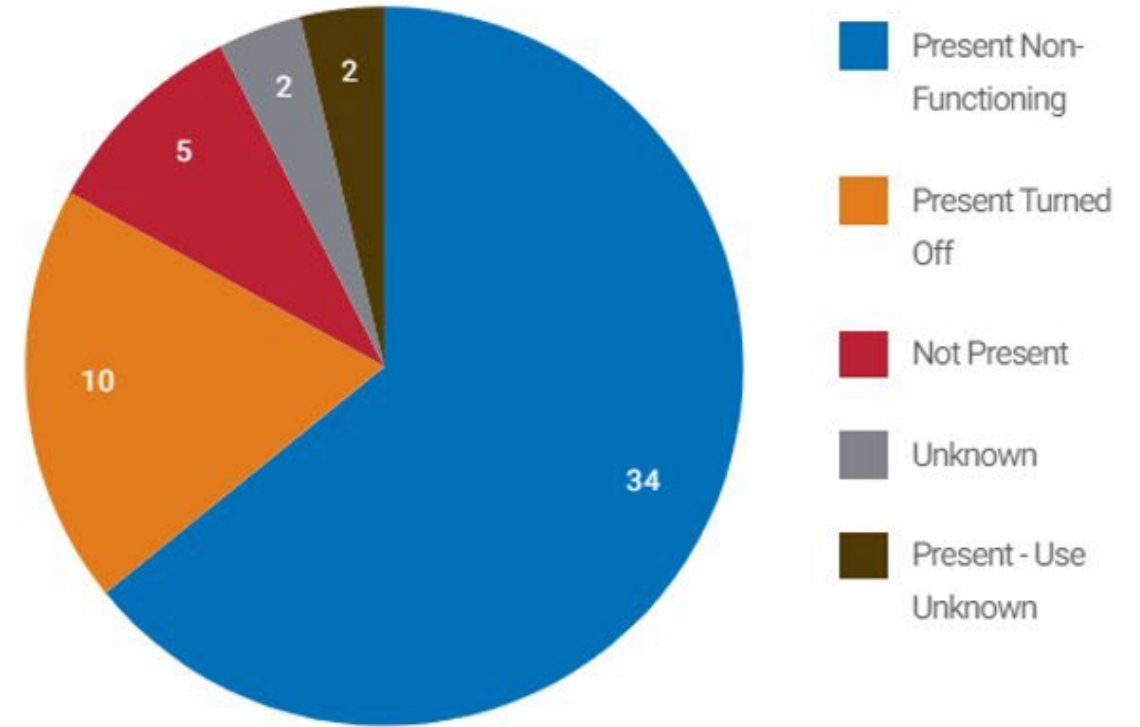
## Death Occurring Outdoor/Indoor

Mesa 2020-2023 Heat Related Deaths

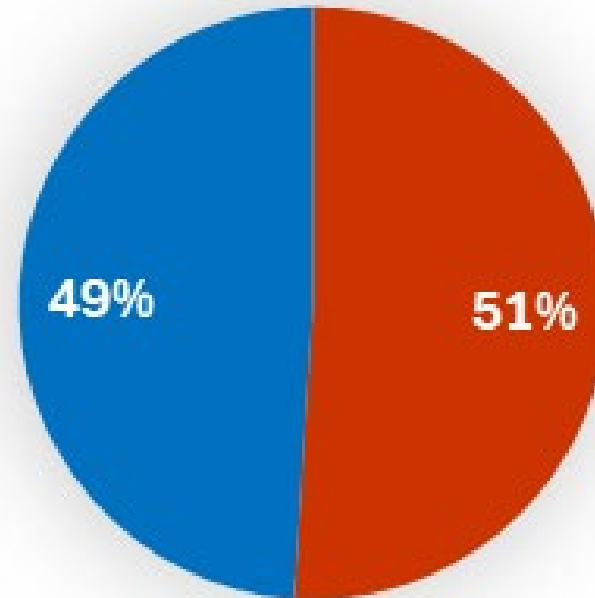


## Indoor Deaths by AC Status

Mesa 2020-2023 Heat Related Deaths



## Heat Related Deaths: Substance Use

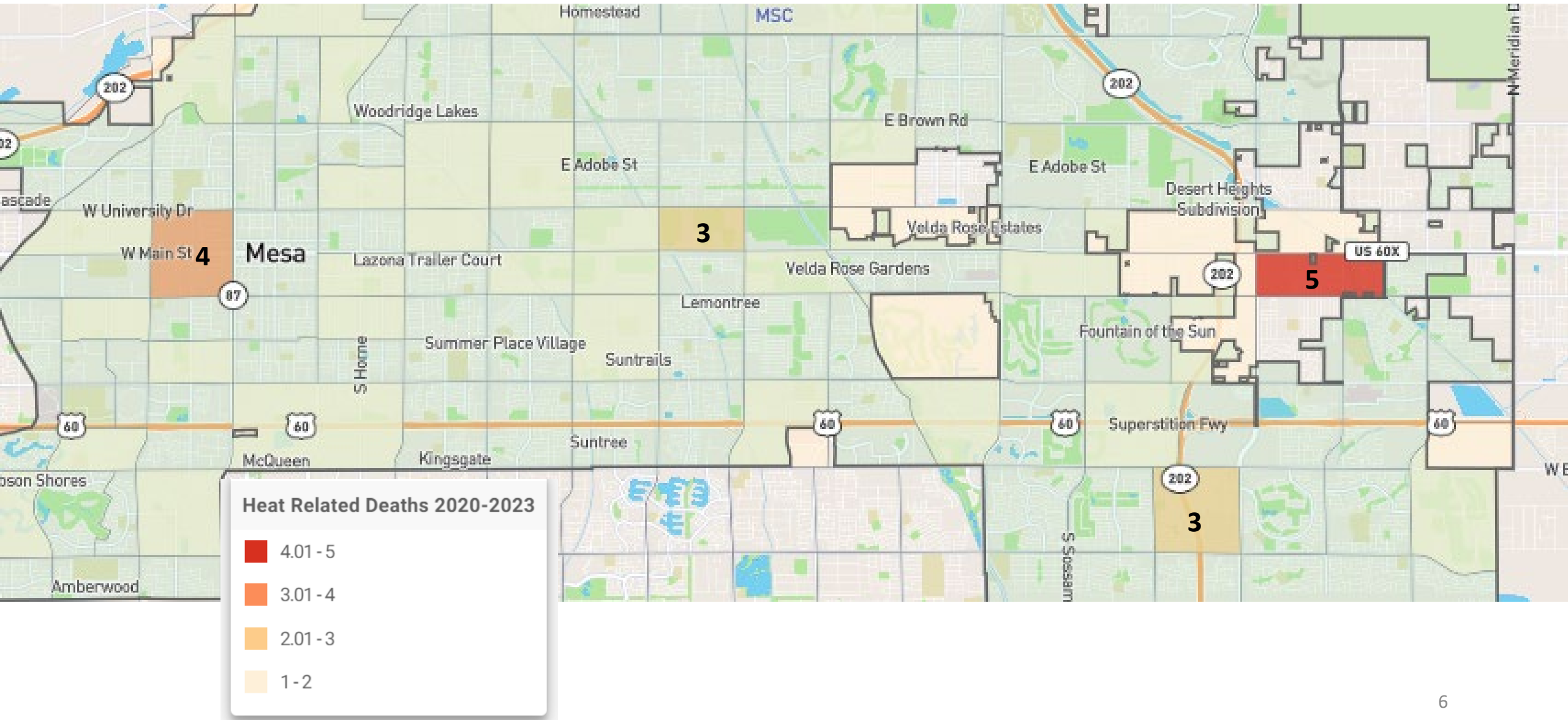


■ Substance Involved

■ No Substance Involved

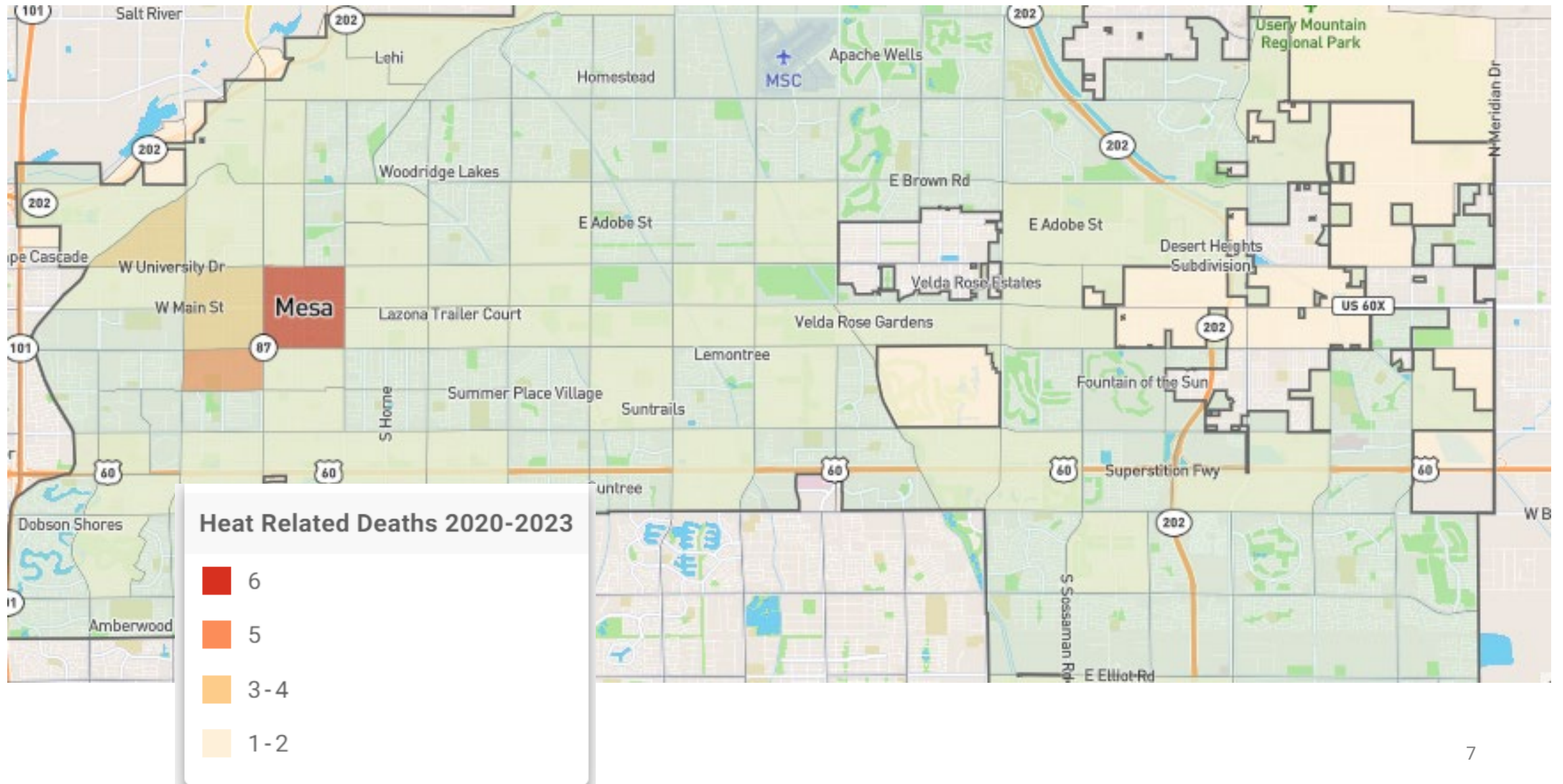
# Indoor Heat Related Deaths by Census Tract

By census tract over four-year period 2020-2023, 53 indoor deaths.



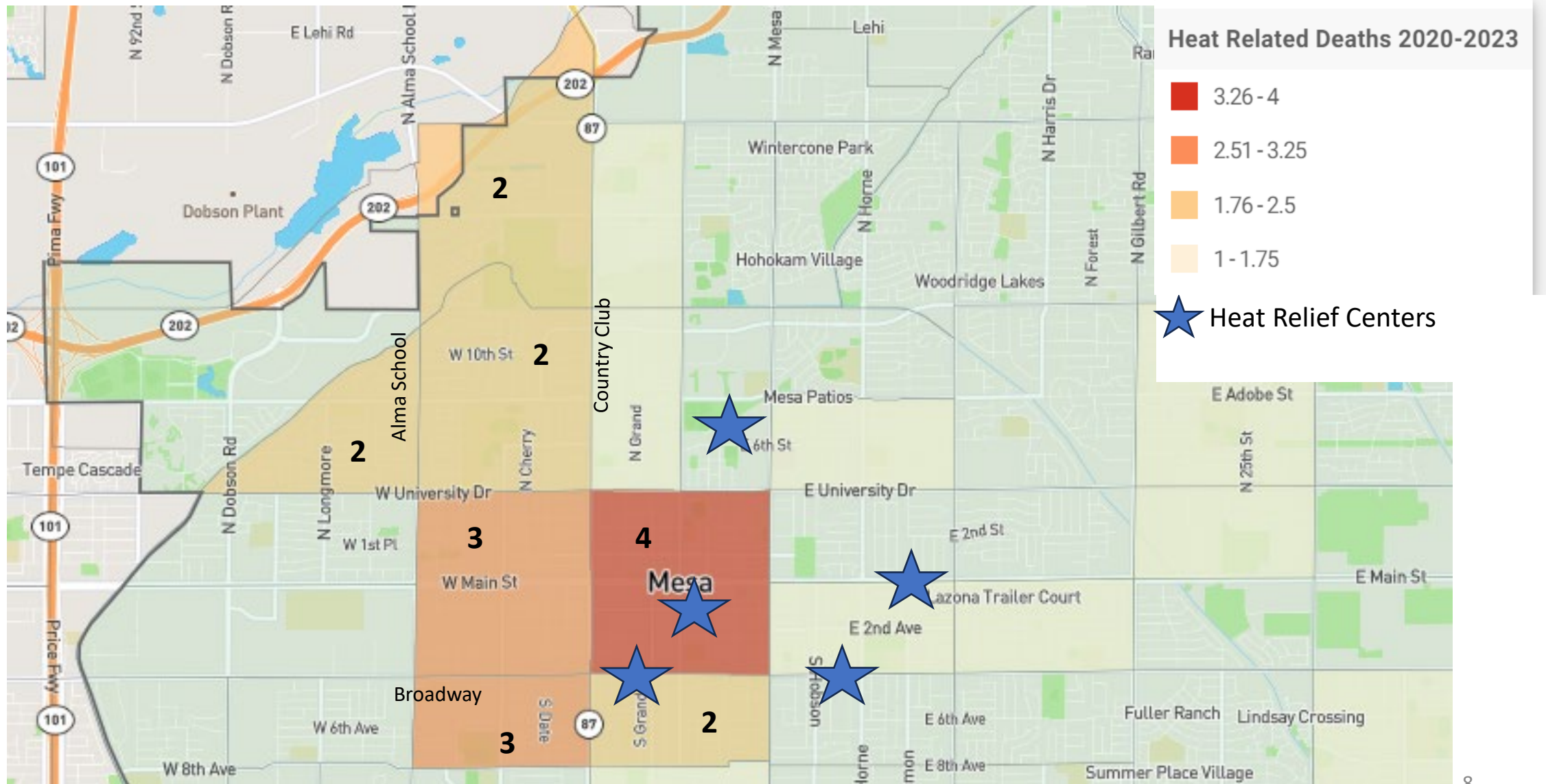
# Outdoor Heat Related Deaths

By census tract over four-year period, 90 outdoor deaths.



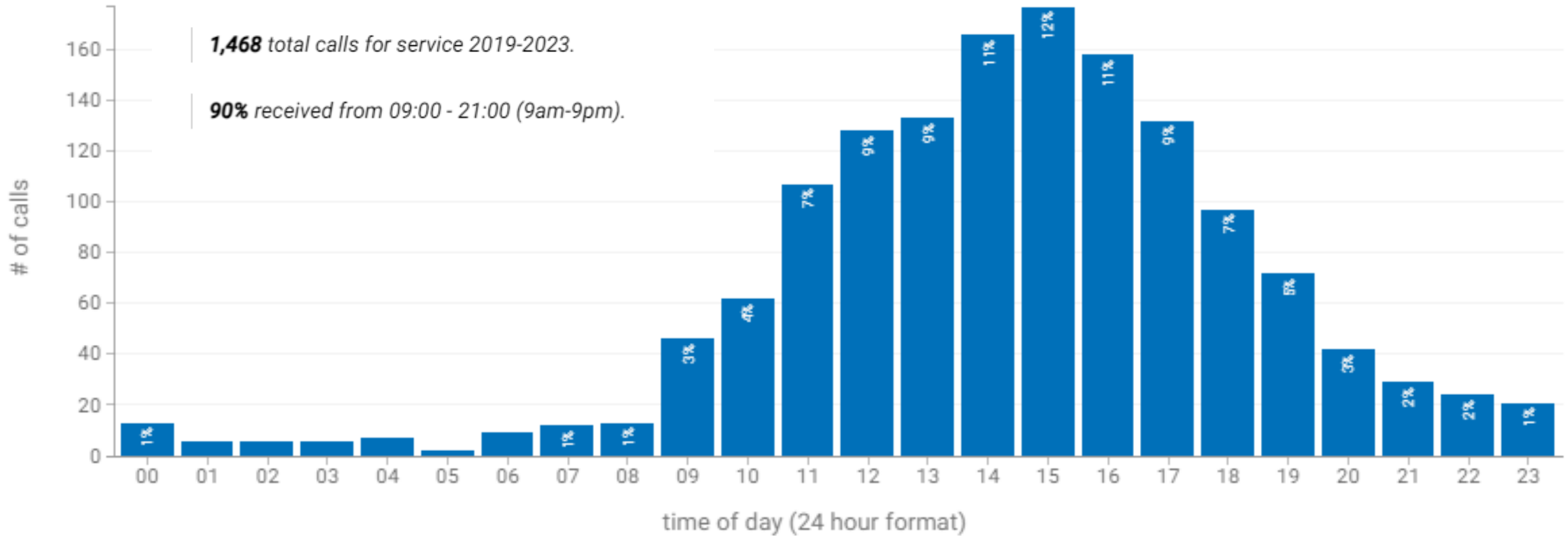
# Outdoor Unhoused Heat Related Deaths

By census tract over four-year period, 44 outdoor unhoused deaths.





## MFMD Heat-Related Calls for Service: 2019-2023



- 211 upgrades
- MAG Heat Relief Network
- Maricopa County Public Health Collaboration
- Additional Emergency Management Resources
- Local partners



- Heat related injury or illness
  - Exertion
  - Exposure
  - Inadequate indoor cooling
- Patient may benefit from
  - Cooling station
  - Access to water/hydration station
  - HVAC services
- Referral to Heat Relief Support Team
  - Fire & Life Safety/Office of Homeless Solutions collaboration
  - Outreach to individual
  - Funding added

- Heat Relief Response Fund
  - MFMD, Office of Homeless Solutions Collaboration
- Mobile Heat Relief Navigators
- Off the Streets shelter rooms



[mesaaz.gov/summerhelp](https://mesaaz.gov/summerhelp)

- Outreach
- Faith Community Engagement
- Respite and Cooling Centers
- Electric Utility Assistance
- Emergency Home Rehab
- 211 Call Center and Transportation
- Hydration Donations and Distribution



[mesaaz.gov/summerhelp](https://mesaaz.gov/summerhelp)

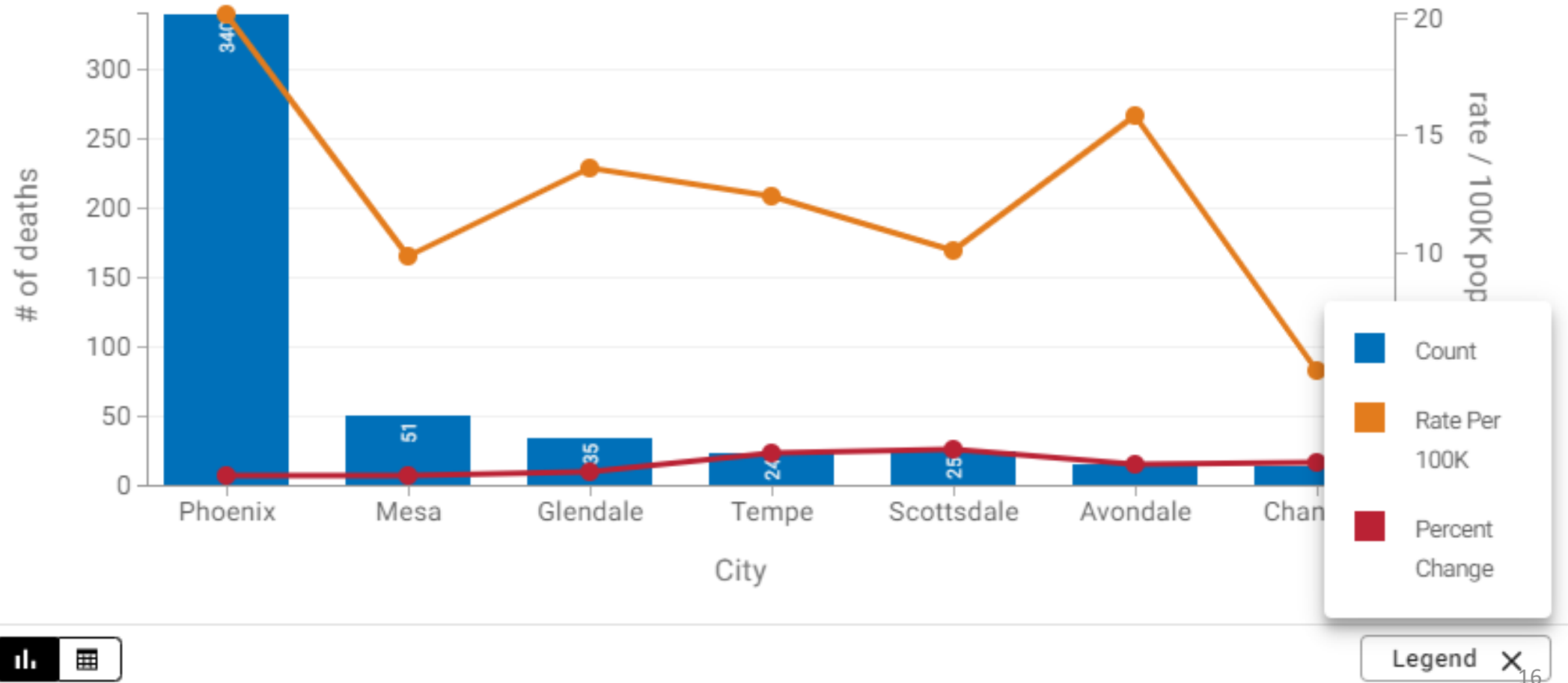
# Questions?



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## Heat-related deaths 2023

Totals, % change prior year and rate / 100,000 population





**Over four-year period from 2020-2023  
Mesa Heat Related Deaths and Substance Use**

	Unsheltered	Housed Individuals	Total
Drug Caused	34	10	44
Drug Contributed	5	11	16
Substance Use	39	22	61
No Substance Use	5	60	65
Meth/Amphetamines	32	11	43
Fentanyl/Fluorofentanyl	11	*	*

\*Counts are approximate. Unknown living situations and groups with less than <5 have been excluded.