COVID Epidemiology Situation Update

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Today’s statewide case count is 323, with 118 cases (37%) in Maricopa County, lower than population distribution would suggest. The demonstrated epi curve has begun to show increases in Maricopa County and statewide, including a more pronounced upward inflection in the statewide epi curve. Percent positivity statewide is 8%, likely due to low testing volume. Maricopa county positivity is 6.4%, also with very low testing volumes. While these numbers are lower than yesterday, they are still higher than they have been in recent weeks. Hospital fatality rates statewide appear to be plateauing in the setting of reduced case hospitalization rates overall. Suspected under-reporting may be partially responsible for the changing trends. Statewide, ED visits and inpatient bed use for COVID-19 are slightly increased. There is no indication that hospital resources are at risk of becoming overwhelmed.
Maricopa County Analysis
Maricopa County Case Fatality and Hospitalization Rates

- **P[Hosp | Positive Confirmed]**
- **P[Death | Positive Confirmed]**
- **P[Death | Hosp]**

Percentages:
- **23.4%**
- **10.2%**
- **2.4%**
Epidemiology
Arizona Statewide Daily COVID-19 Hospitalizations by Date of Hospitalization
(Epi Curve)
Arizona Statewide Case Fatality and Hospitalization Rates

- P(Hosp | Positive Confirmed)
- P(Death | Positive Confirmed)
- P(Death | Hosp)

Percent

25.5%
10.1%
2.6%
Hospital Usage
Arizona Statewide ICU Bed Usage

- COVID-19 ICU Beds
- Available ICU Beds
- ICU Beds Not COVID-19

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Where blue bars are below zero, COVID ED patients exceeded total reported ED bed usage.