COVID Epidemiology Situation Update

Tim Lant, PhD, MAS, Heather Ross PhD, DNP, ANP-BC, Anna Muldoon, MPH, Samantha Sokol, Jordy Rodriguez, Esma Gel, PhD, and Megan Jehn, PhD

March 8, 2021
Today’s statewide case count is 738 with 504 cases (68%) in Maricopa County, higher than population distribution. The 7-day average for reported cases has risen for the first time in several weeks to 1,345, similar to early November in the early phases of the most recent surge.

Peak cases by incident date remains 1/4.

7-day average positivity continues to trend downward and has now dropped below 15% for more than a week.

Hospital utilization continues to decline slowly and is now at rates similar to early November for ICU and non-ICU beds.

Bed usage for COVID-19 is 11% of inpatient beds and 15% of ICU beds statewide. Current hospital utilization is 89% for inpatient beds and 85% for ICU beds including COVID and non-COVID utilization.

Despite declining hospital utilization, hospital death rates for COVID-19 continue to increase, indicating the higher acuity of patients admitted to the hospital compared to earlier in the pandemic.

COVID-19 remains the leading cause of death in Arizona in a 12-month period. Death numbers are generally not updated on Mondays due to health department staff work schedules.
Arizona Statewide Analysis
Epidemiology
Arizona Statewide Daily COVID-19 Positive Tests Results Reported (confirmed incidence)
Hospital Usage
Where blue bars are below zero, COVID ED patients exceeded total reported ED bed usage