COVID Epidemiology
Situation Update

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

May 10, 2021
Today’s reported statewide case count is 642 with 517 cases in Maricopa County (80%), higher than the proportion of the population in the county. (Monday reporting generally skews toward Maricopa County due to weekend work patterns in different public health departments.)

- The 7-day average for reported cases has fallen slightly and is now 699.
- 7-day average percent positive is now 9.9% and has been hovering between 9-12% since April 1.
- COVID utilization is on a slightly increasing trend for ICU beds and a decreasing trend for non-ICU inpatient beds. ED bed utilization is showing a slight decline.
- Bed usage for COVID-19 is 7% of inpatient beds and 11% of ICU beds statewide. Current hospital utilization is 87% for inpatient beds and 84% for ICU beds including COVID and non-COVID utilization.
- COVID-19 remains the leading cause of death in Arizona in a 12-month period. The state does not report deaths on Mondays.

All data pulled from azdhs.gov. Numbers may not match Maricopa county data.
Arizona Statewide Analysis
Epidemiology
Hospital Usage
Where blue bars are below zero, COVID ED patients exceeded total reported ED bed usage