COVID Epidemiology Situation Update

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Today’s statewide case count is 11,806 with 6,975 cases (59%) in Maricopa County, roughly equivalent to population distribution. The 7-day average for reported cases continues to increase and is now 7,772.

The epi curve continues to increase in Maricopa County and statewide with continued exponential growth exceeding the previous wave in Arizona. Peak cases by incident date are 8,013 on 12/7.

Due to significant irregularities in ADHS data reporting patterns that reduce the reliability of day-to-day positivity data, 7-day average positivity is more reliable; it has been above 30% for nearly a week and is now above 35% for the first time ever, indicating sustained and uncontrolled spread statewide.

Hospital utilization continues to increase with remaining bed capacity lower than at any time since the start of the pandemic. Bed usage for COVID-19 is at 43% of inpatient beds (highest number of beds at any point during the pandemic) and 47% of ICU beds statewide (a drop of 10 ICU beds from the prior day). Current hospital utilization is 91% for inpatient beds and 91% for ICU beds including COVID and non-COVID utilization. ED visits for COVID remain at high levels similar to the peak of the first wave in June/July. Hospitals are experiencing shortages in bed space and staff.
Maricopa County Analysis
Due to the holiday, 2 days of data were held (Nov 26 & 27) and reported on Nov 28.
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Arizona Statewide Analysis
Epidemiology
Arizona Statewide Daily COVID-19 Positive Tests Results Reported
(Confirmed incidence)

- Daily Incidence
- 7 day trailing average

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