COVID Epidemiology Situation Update

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November 2, 2020
Summary

- Today’s statewide case count is 666, with 403 cases (60%) in Maricopa County, similar to population distribution. This represents a typical drop in cases reported on Monday due to weekend effect. The 7-day average for reported cases is now 1311.
- The epi curve continues to increase in Maricopa County and statewide. The pattern observed now remains concerning for early phases of potential exponential growth.
- Percent positivity is 9.7% both statewide and in Maricopa County with a significant drop in testing numbers reported today. Significantly more testing is needed to characterize the extent of the current outbreak.
- Hospital utilization and ED visits continue to increase, with inpatient bed usage for COVID-19 at levels similar to late May (just prior to the onset of exponential growth). There is no indication that hospital resources are at imminent risk of becoming overwhelmed.

<table>
<thead>
<tr>
<th>November 2, 2020</th>
<th>Statewide</th>
<th>Maricopa</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Reported Today</td>
<td>Cumulative</td>
</tr>
<tr>
<td>Cases</td>
<td>666</td>
<td>248,139</td>
</tr>
<tr>
<td>PCR Tests</td>
<td>6,835</td>
<td>1,792,602</td>
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<tr>
<td>% Positive</td>
<td>9.7%</td>
<td>13.8%</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>15</td>
<td>21,573</td>
</tr>
<tr>
<td>Deaths</td>
<td>1</td>
<td>5,982</td>
</tr>
</tbody>
</table>

All data pulled from azdhs.gov. Numbers may not match Maricopa county data.
Maricopa County Analysis
Maricopa County Daily COVID-19 Positive Tests Results Reported
(confirmed incidence)
Maricopa County Daily COVID-19 Deaths (by date of reporting)
Maricopa County Daily COVID-19 Deaths by Date of Death
(Epi Curve)
Arizona Statewide Analysis
Epidemiology
Arizona Statewide Daily COVID-19 Hospitalizations by Date of Hospitalization
(Epi Curve)

- **Hospital Admissions (Daily)**
- **Hospital Admissions (7-d average)**
Hospital Usage
Arizona Statewide ICU Bed Usage

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

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