

COVID Epidemiology Situation Update

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January 25, 2021

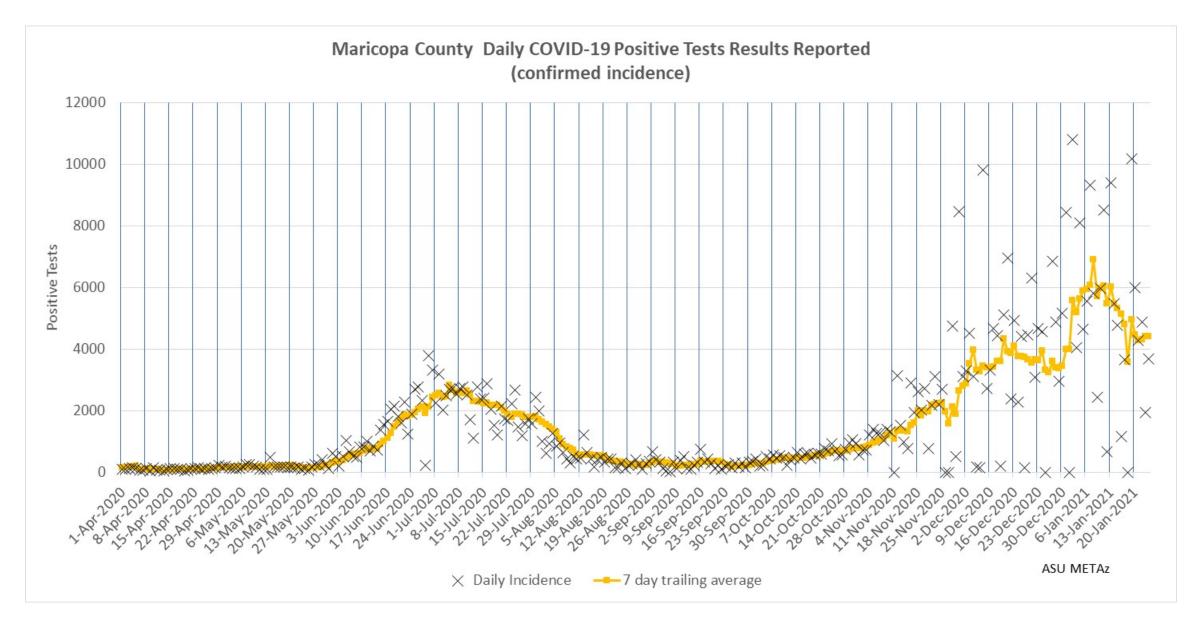
Summary

January 25, 2021				
	Statewide		Maricopa	
	Reported Today	Cumulative	Reported Today	Cumulative
Cases	5,321	727,895	3,763	452,925
PCR Tests	15,947	3,366,193	9,959	2,018,917
% Positive	33.4%	21.6%	37.8%	15.2%
Hospitalizations	219	50,483	167	31,311
Deaths	1	12,239	1	6,951
All data pulled from azdhs.gov. Numbers may not match Maricopa county data.				

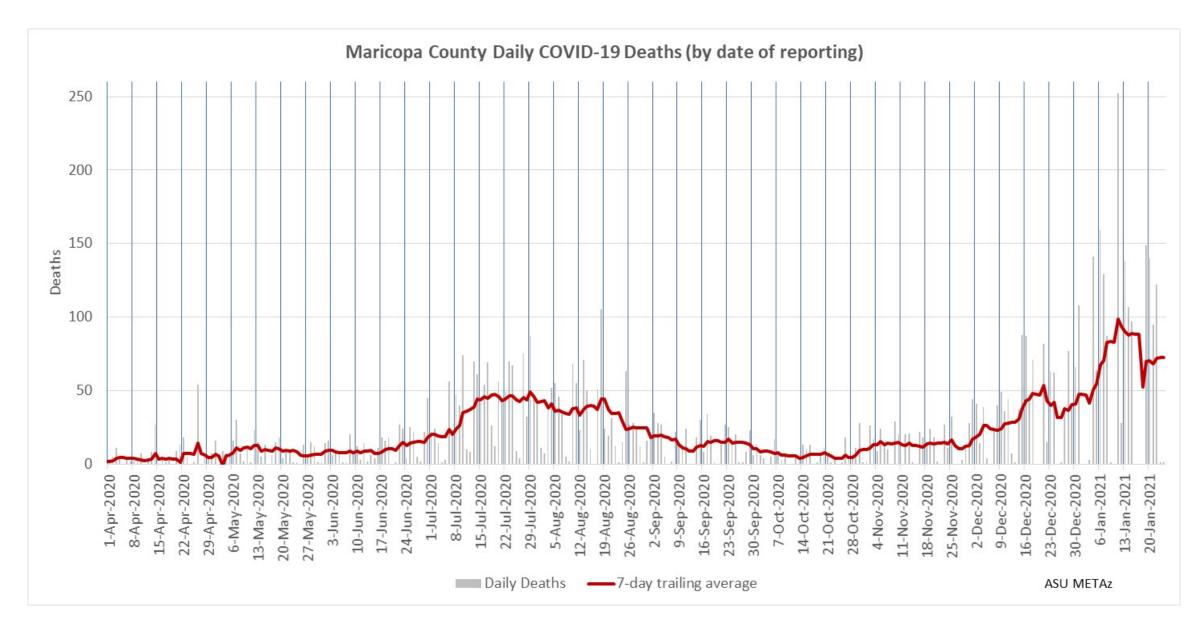
- Today's statewide case count is 5,321 with 3,763 cases (70%) in Maricopa County, higher than population distribution. The 7-day average for reported cases has dropped to 6,944. High variance in daily case reporting persists since early December.
- The epi curve no longer appears to be rising in Maricopa County and statewide. While case counts appear to be significantly lower than the ongoing surge reported by ER facilities, the data now show a clear declining trend. Peak cases by incident date remains 1/4.
- 7-day average positivity has remained above 30% for over 6 weeks indicating sustained levels of substantial spread with low testing volume for the burden of infection in the community.
- Hospital utilization appears to be declining overall with a plateau in ICU bed usage and ER visits for COVID-19, though still
 clearly in a near-saturated state, significantly higher than at peak levels during Arizona's previous surge in July 2020. Bed
 usage for COVID-19 is 49% of inpatient beds and 57% of ICU beds statewide. Current hospital utilization is 90% for inpatient
 beds and 91% for ICU beds including COVID and non-COVID utilization. Hospitals statewide continue to experience
 significant shortages in both physical and personnel resources.
- Hospitalization rates continue to show a concerning downward trend with increasing hospitalization death rates, both indicative of hospital resource overload.

Maricopa County Analysis

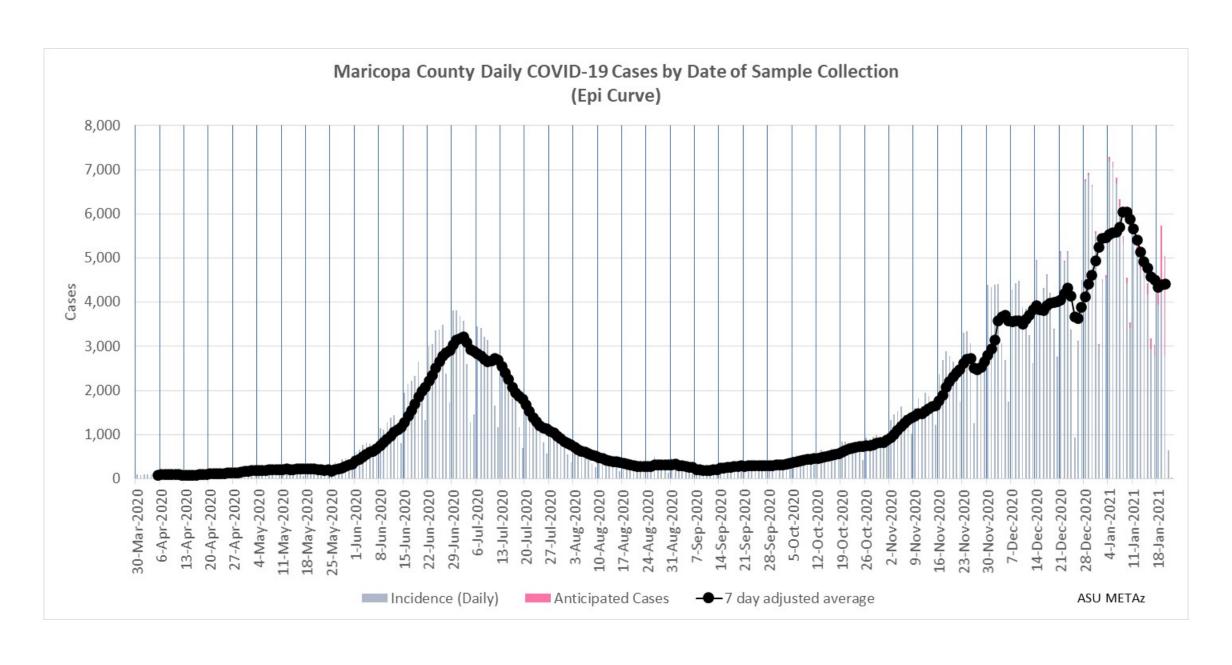


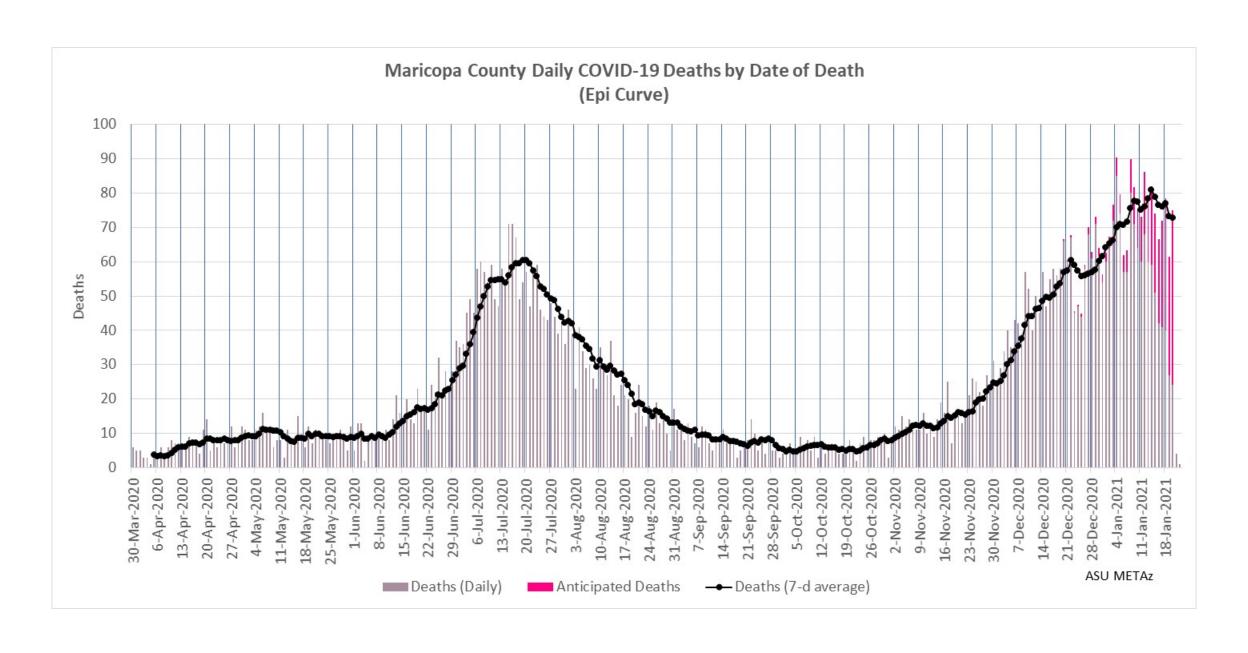


Due to the holidays, multiple days of data were held (Nov 11, 26 & 27; December 25, January 1 & 18) and reported on the next business day.



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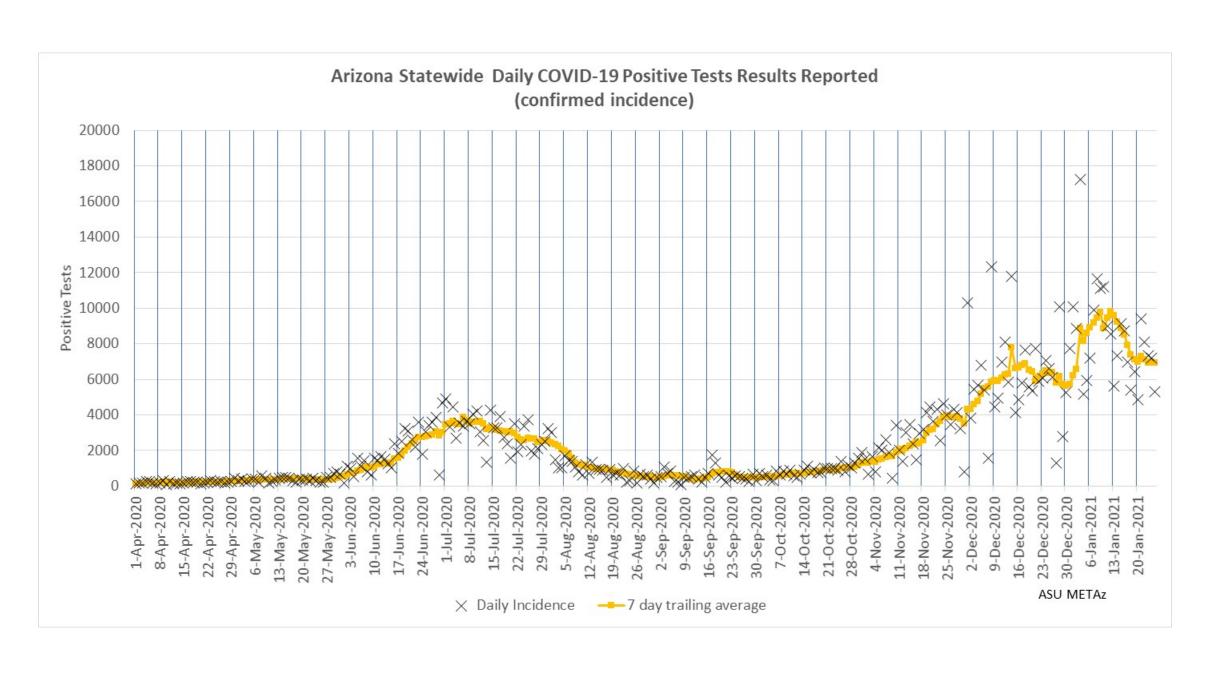


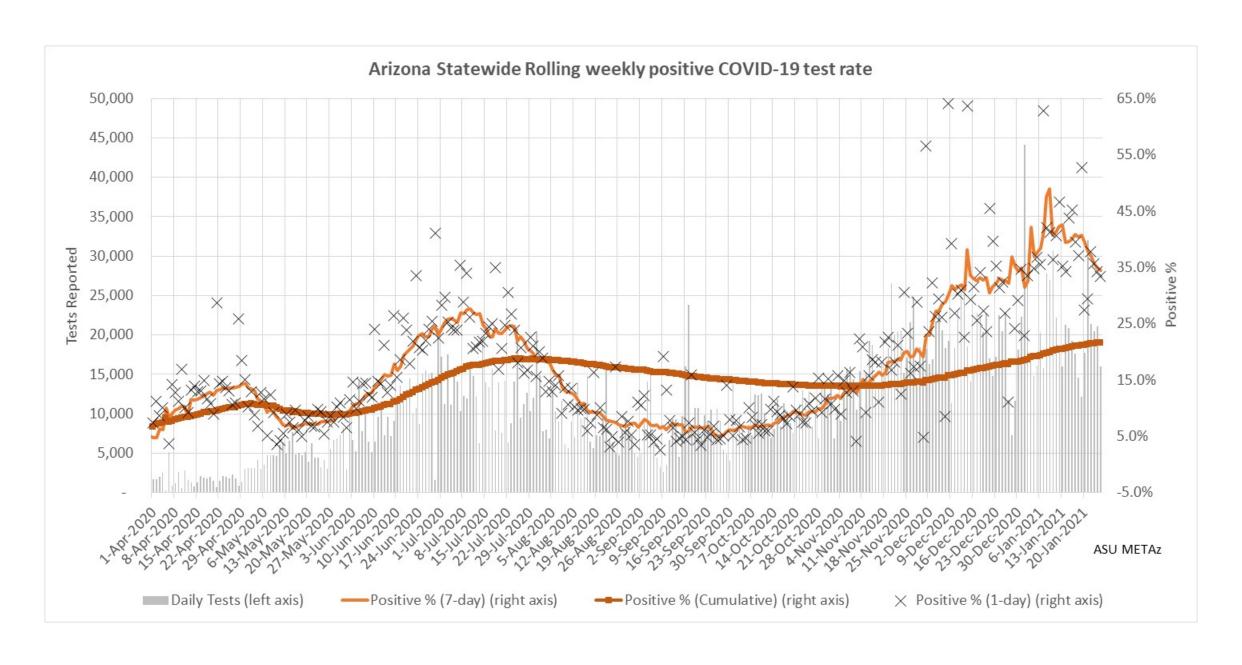
Arizona Statewide Analysis

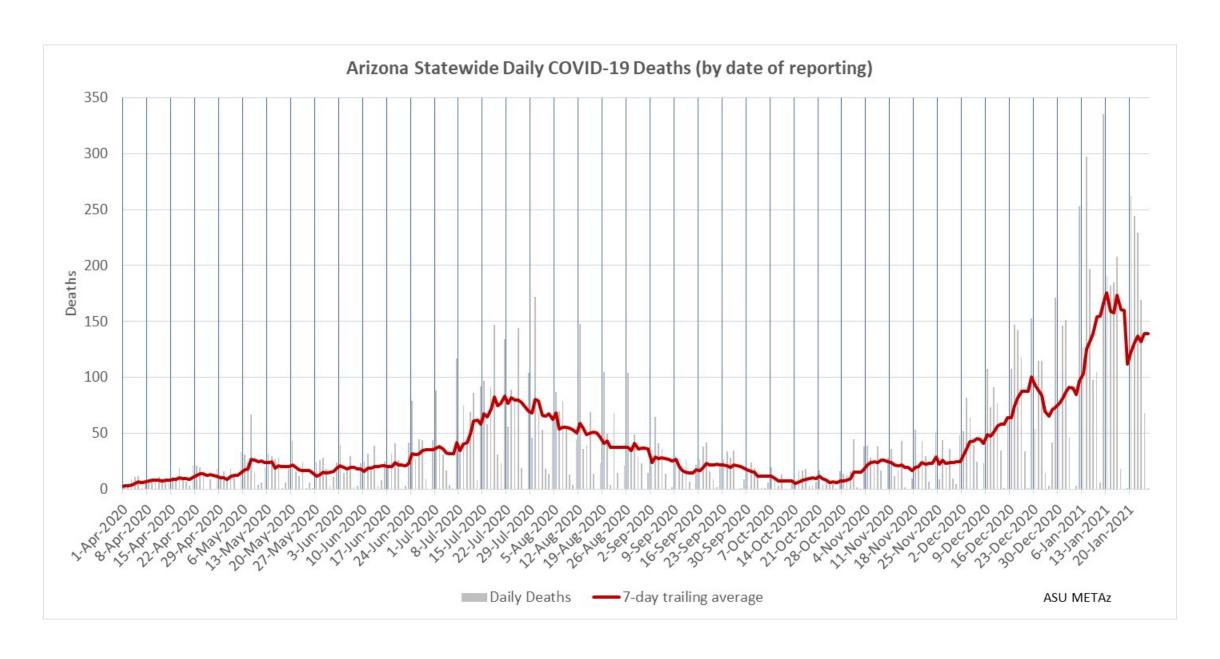


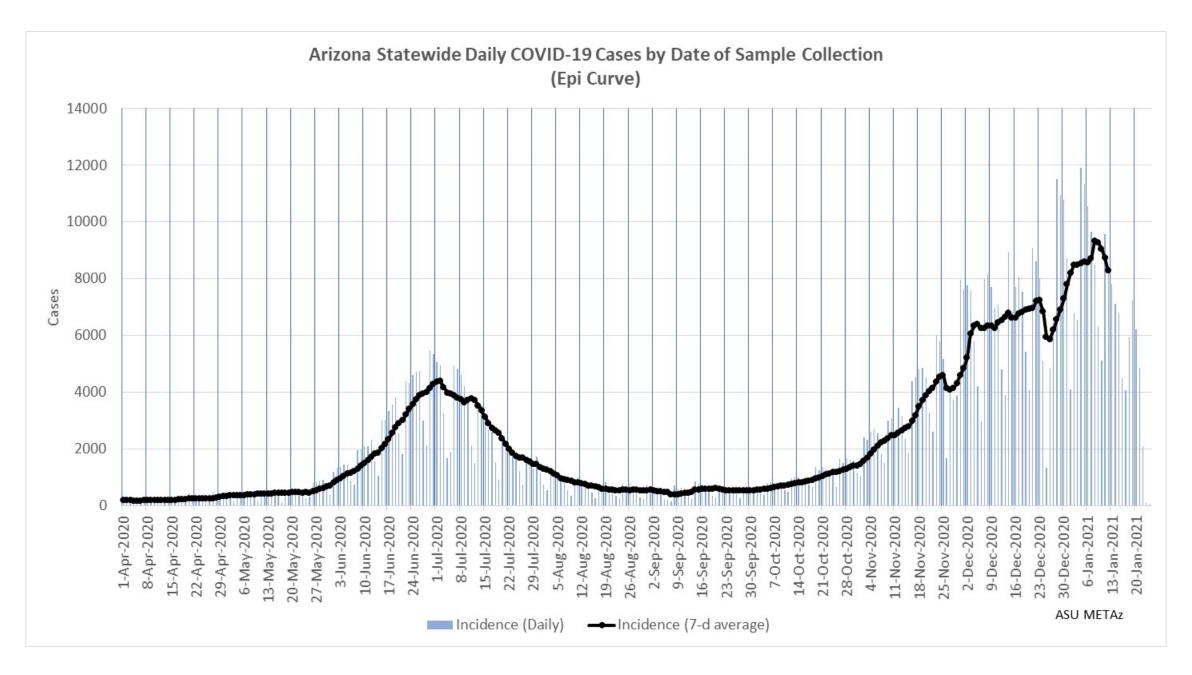
Epidemiology

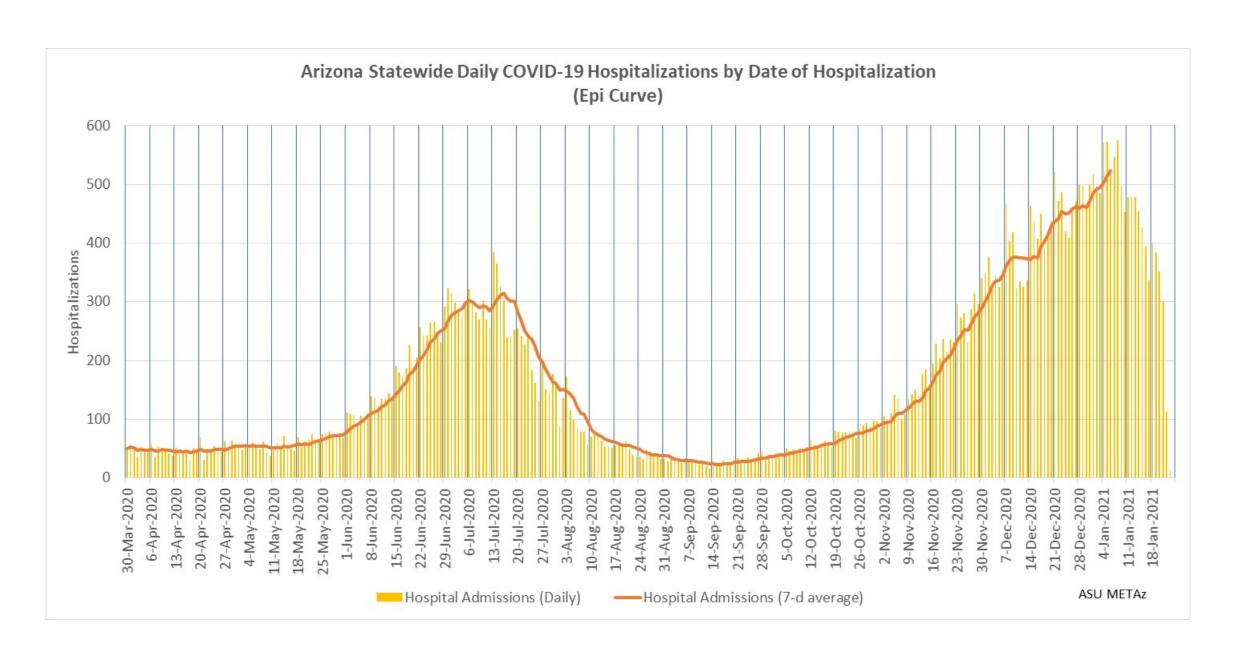


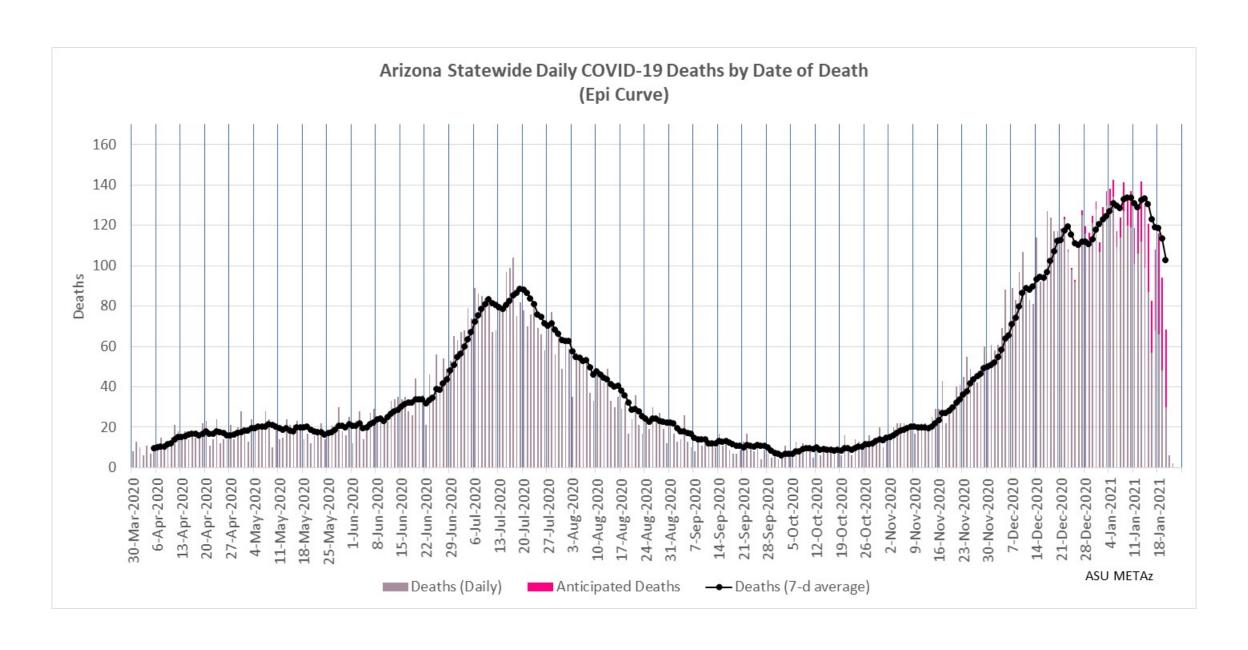


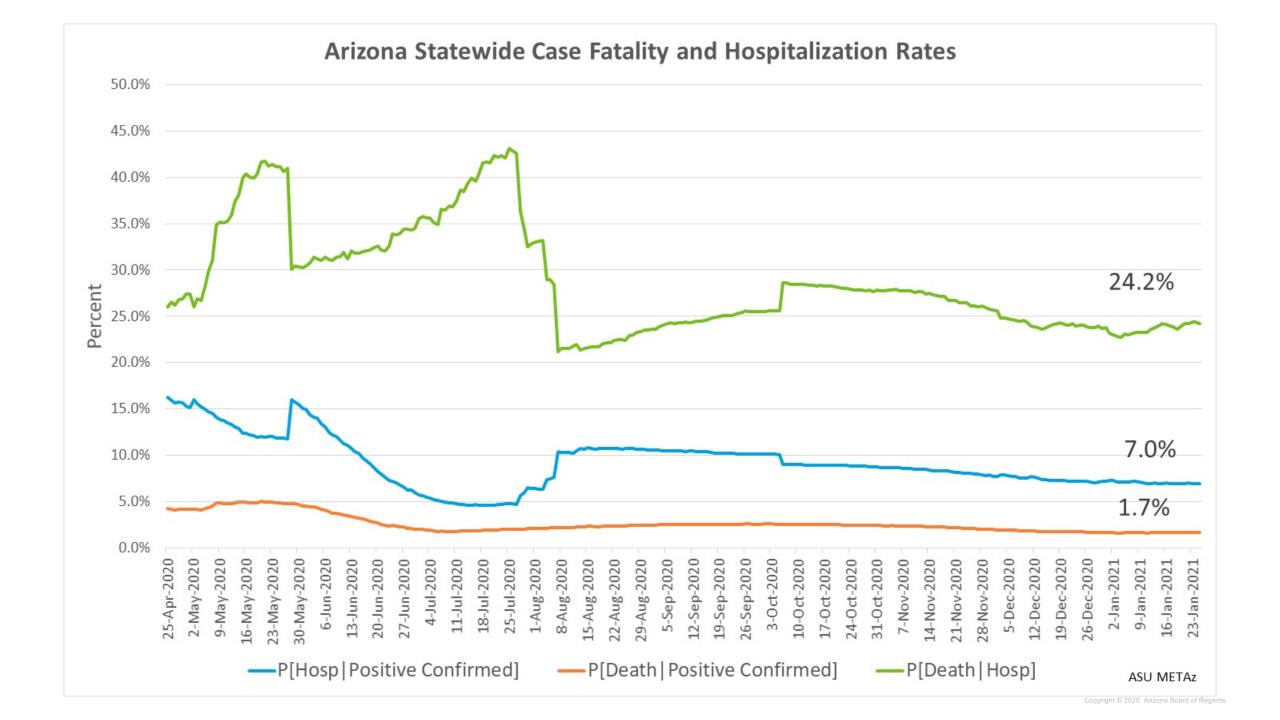












Hospital Usage



