

COVID Epidemiology Situation Update

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October 19, 2020

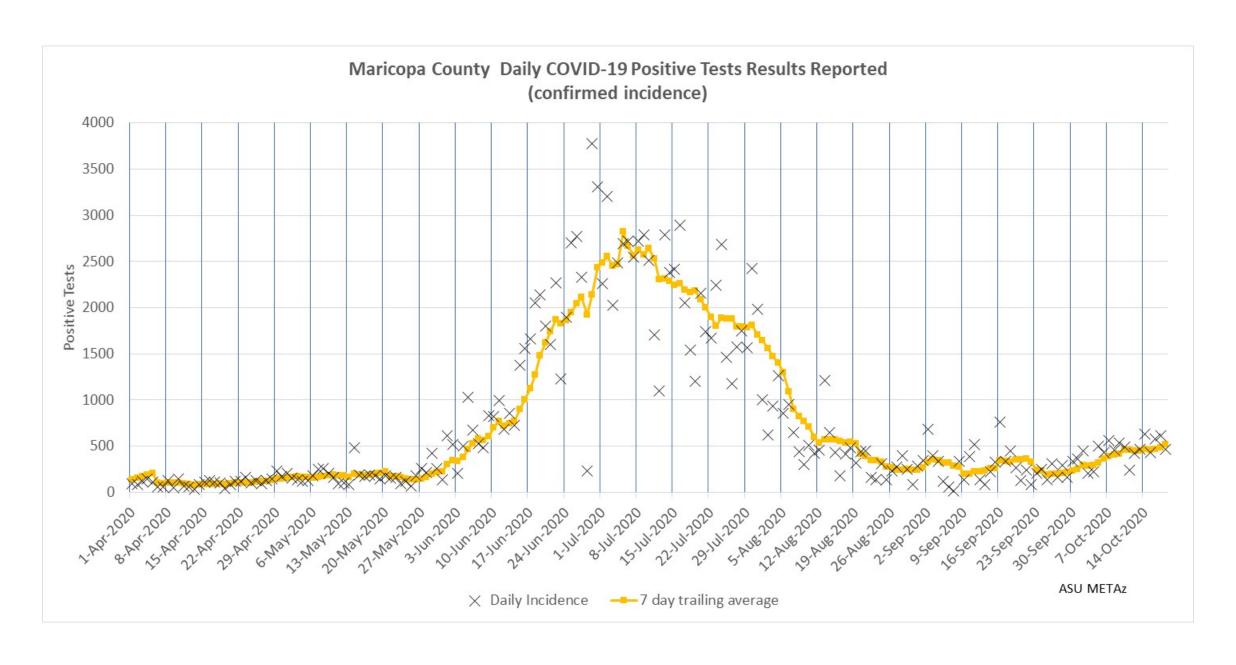
Summary

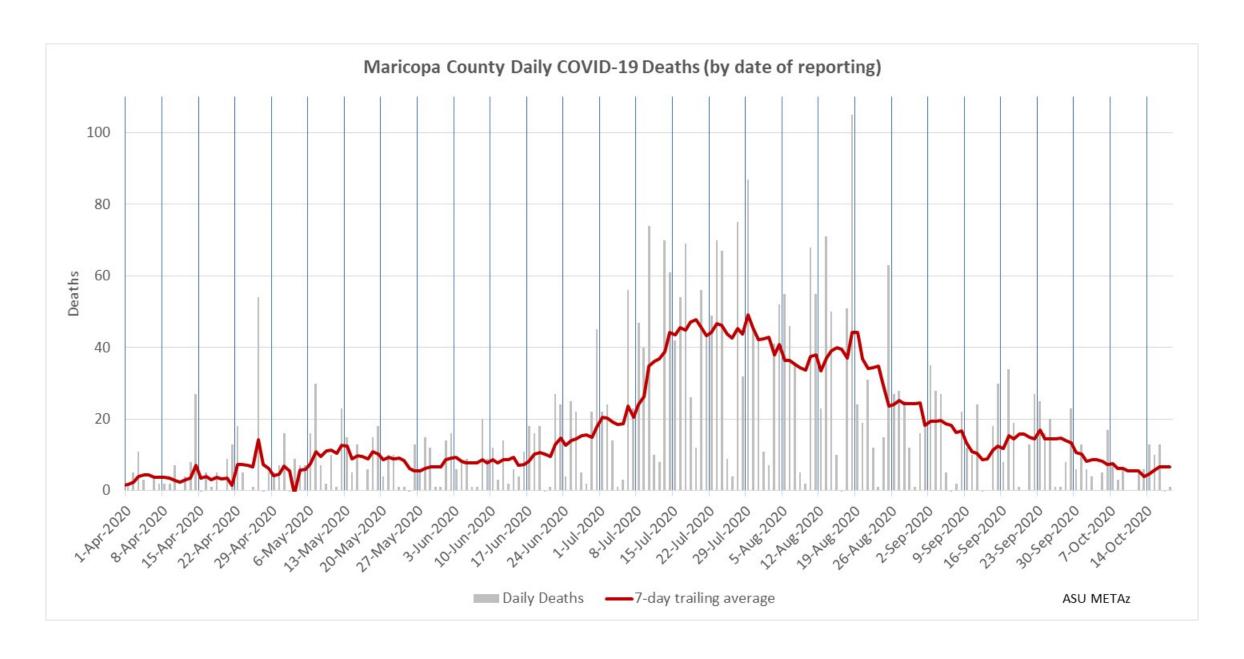
October 19, 2020				
	Statewide		Maricopa	
	Reported Today	Cumulative	Reported Today	Cumulative
Cases	748	231,897	560	150,280
PCR Tests	8,762	1,639,785	5582	965,612
% Positive	8.5%	14.1%	10.0%	11.7%
Hospitalizations	8	20,648	6	12,906
Deaths	3	5,830	2	3,512
All data pulled from azdhs.gov. Numbers may not match Maricopa county data.				

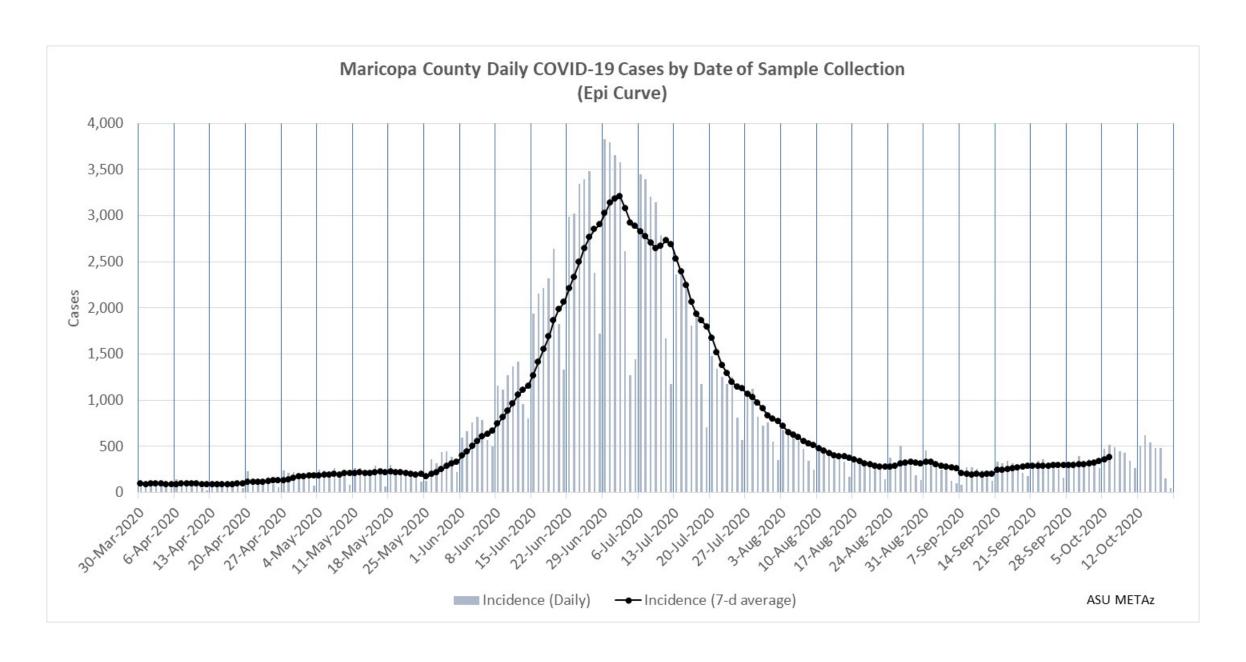
- Today's statewide case count is 748, with 560 cases (75%) in Maricopa County, more concentrated than
 population distribution. The 7-day average for reported cases has been steadily increasing since
 September 30 and is now 835.
- The demonstrated epi curve continues to increase in Maricopa County and statewide. Case counts continue to rise and remain consistent with rates in mid-June. We note that the slope of the upward trajectory now appears less steep than at the onset of exponential growth in June.
- Percent positivity statewide is 8.5%. Maricopa county positivity is 10.0%, with low testing on both levels.
 Significantly more testing is needed to characterize the extent of the current outbreak and community transmission.
- ED visits appear to be rising, along with a continued upward trend in ICU and inpatient beds. ICU bed usage appears to be rising at a faster proportional rate than general ward bed usage. There is no indication that hospital resources are at imminent risk of becoming overwhelmed.

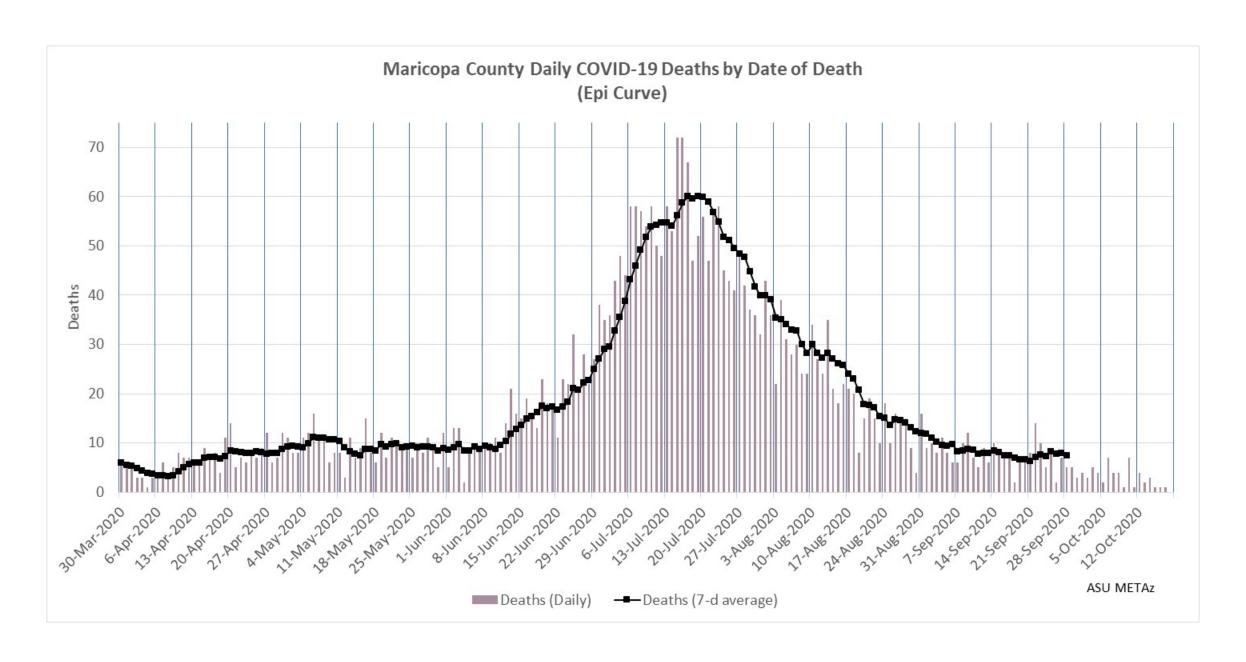
Maricopa County Analysis

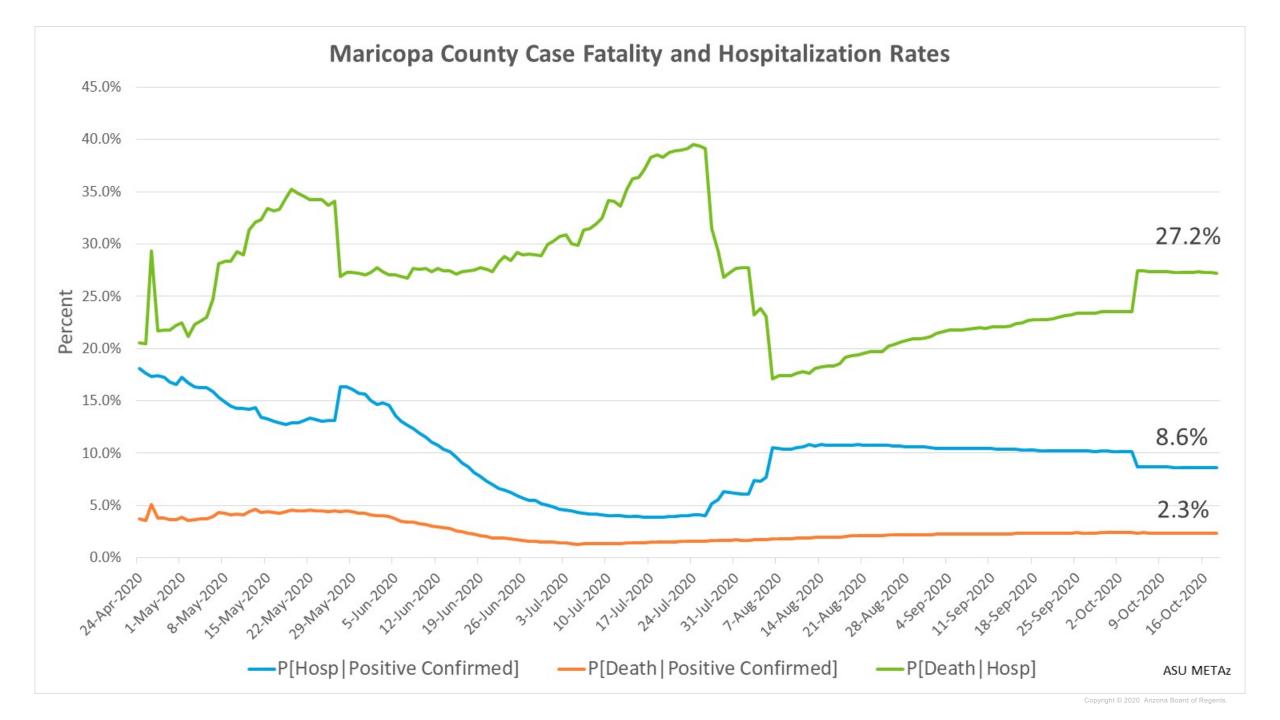










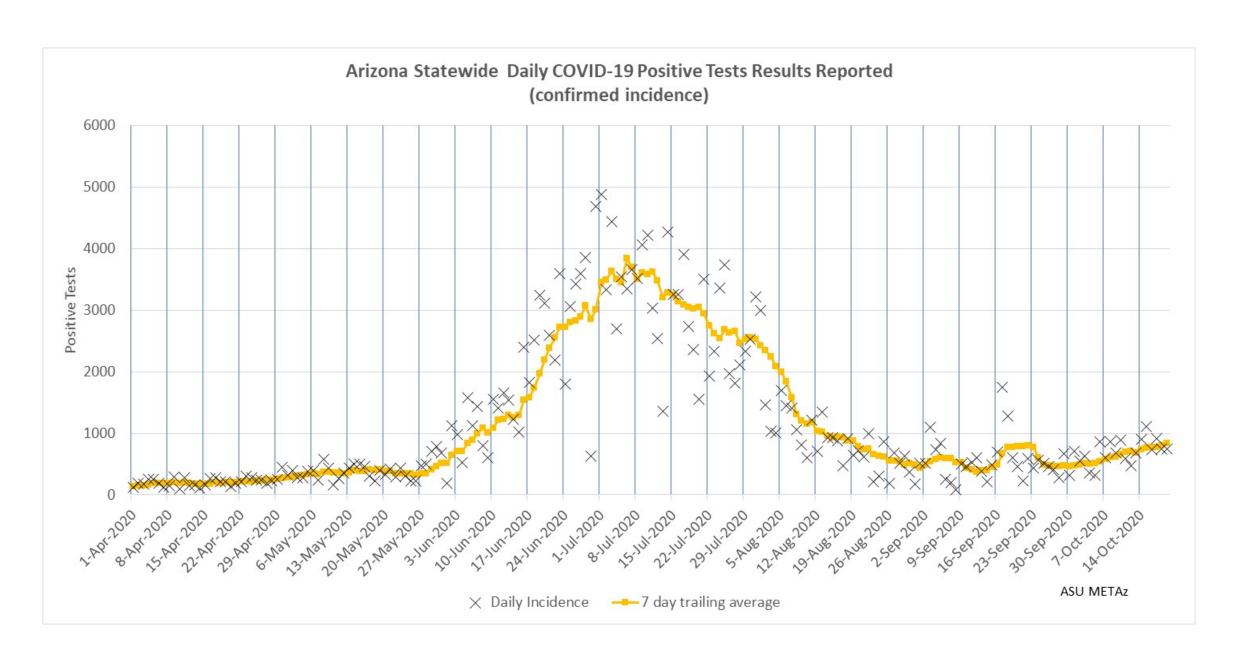


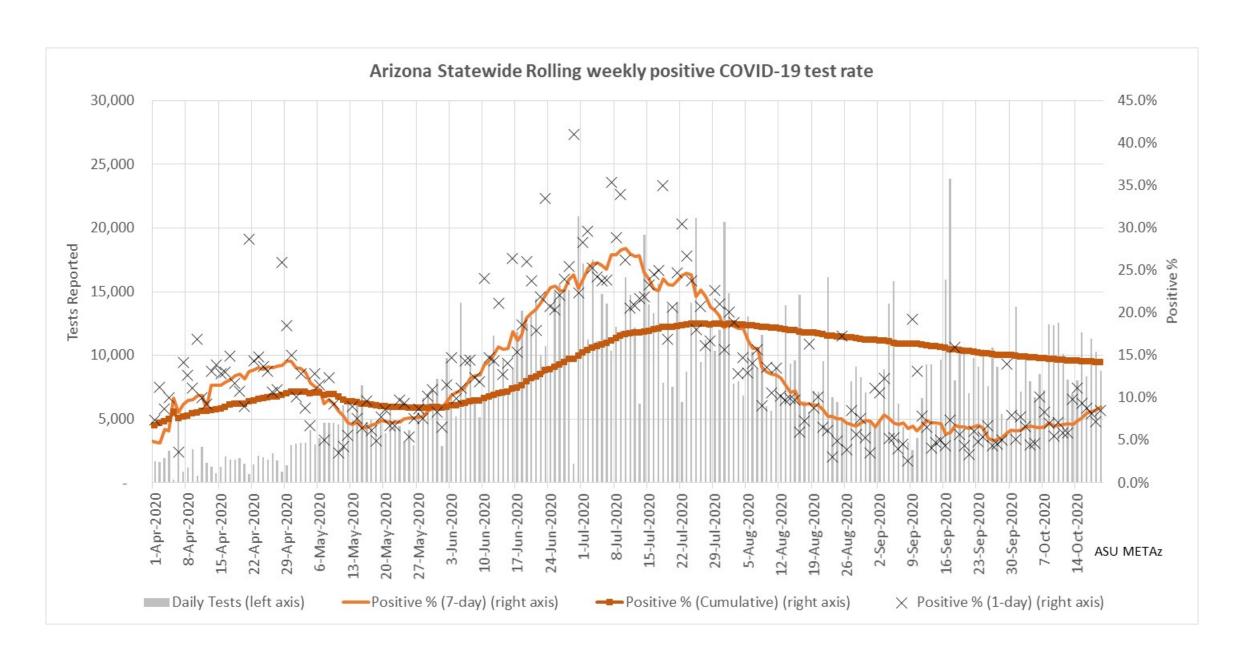
Arizona Statewide Analysis

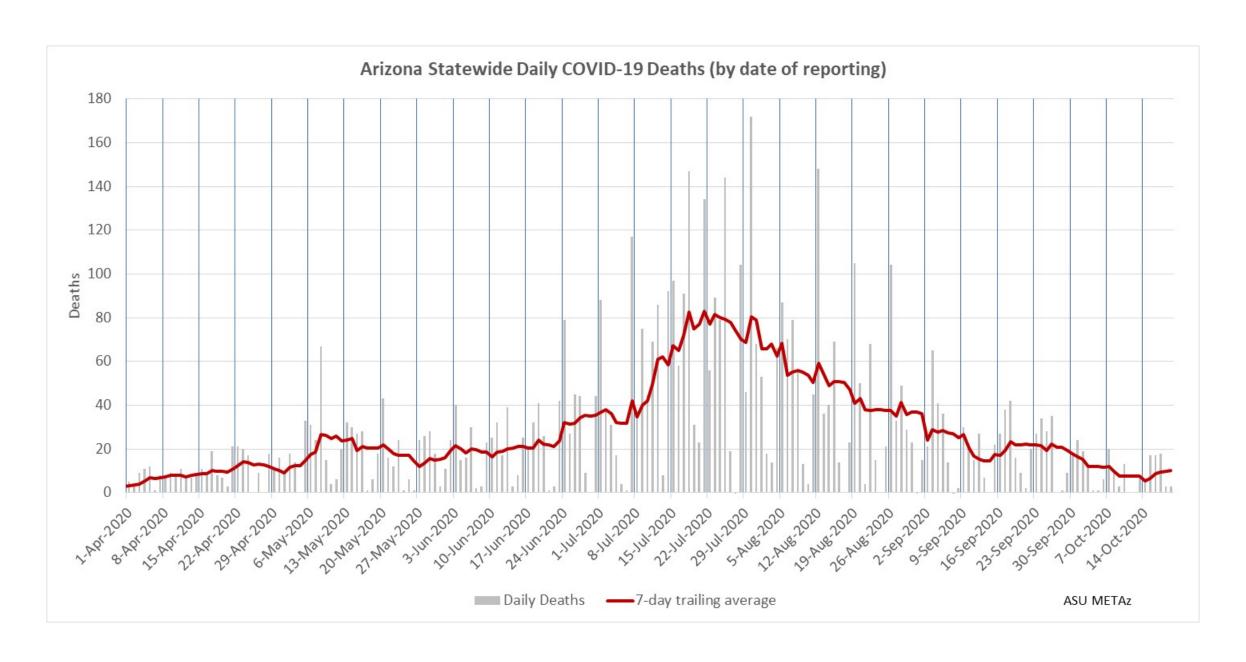


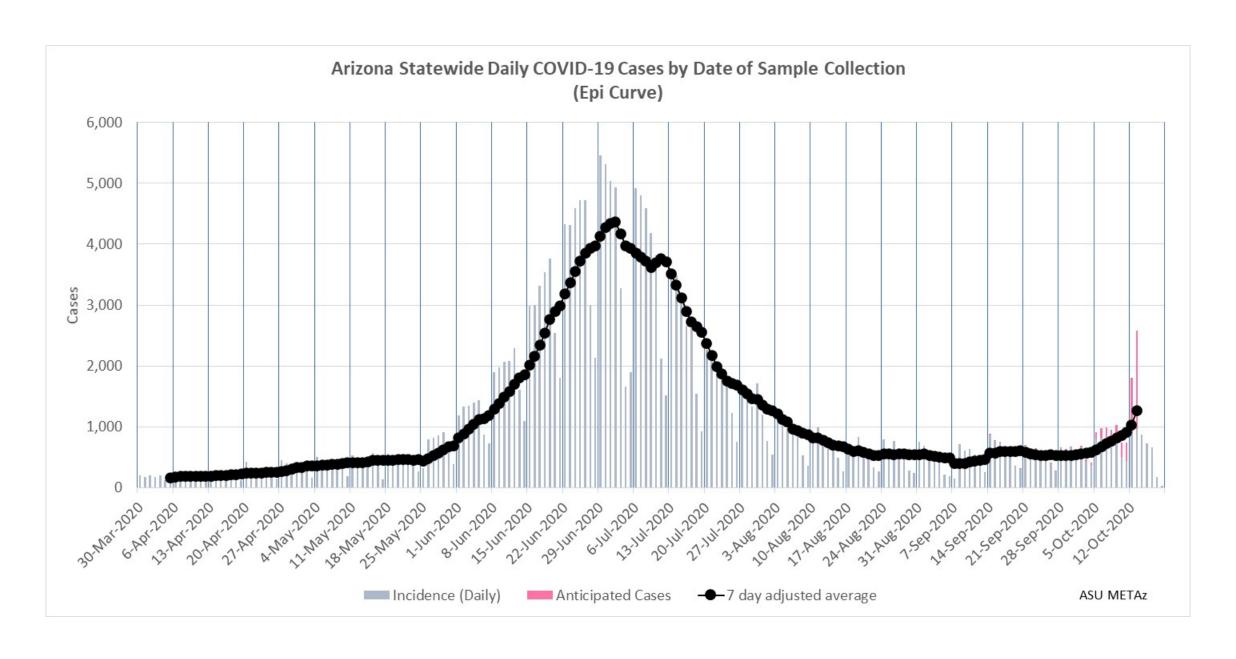
Epidemiology

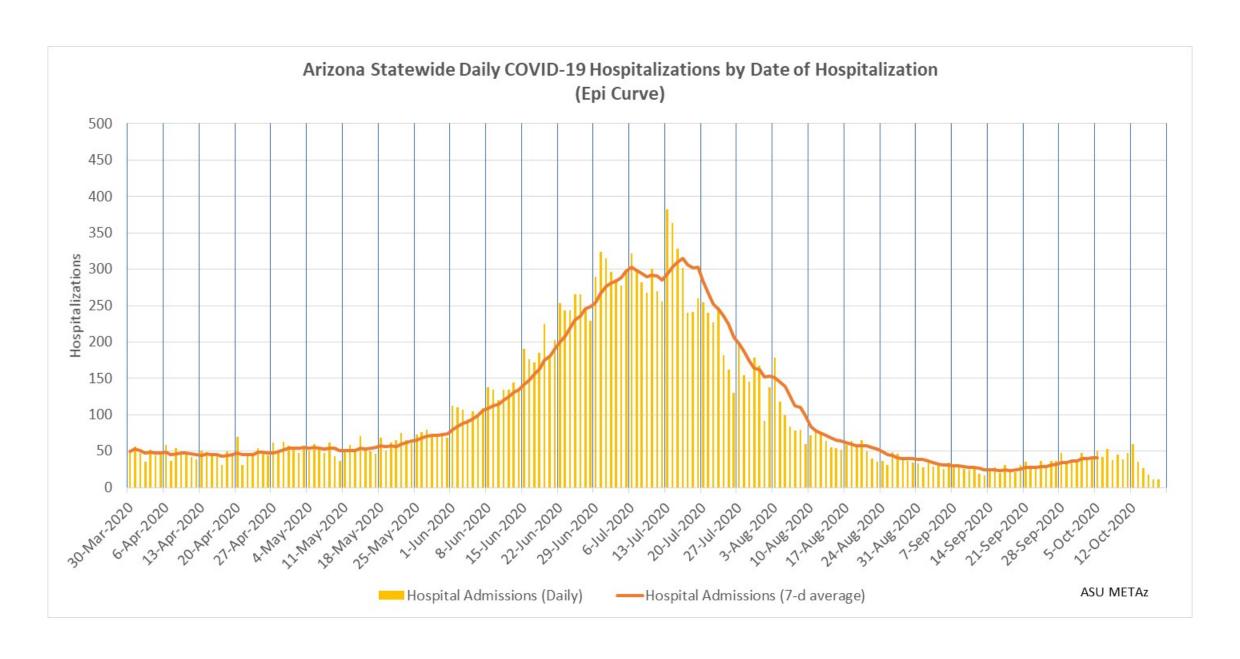


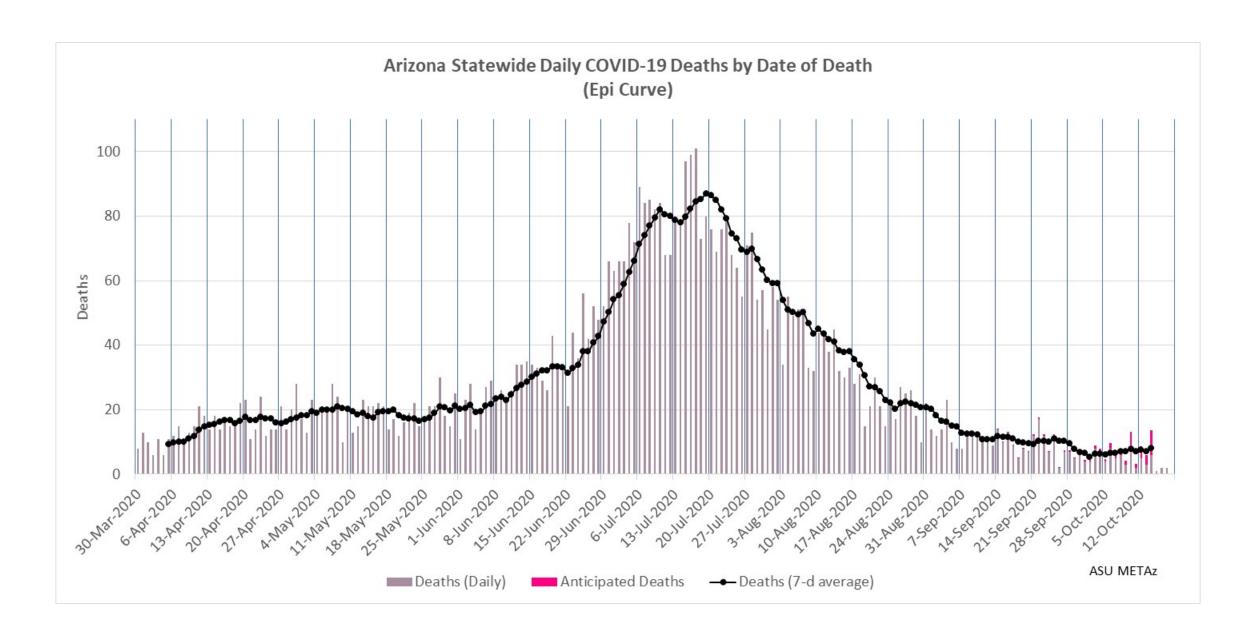


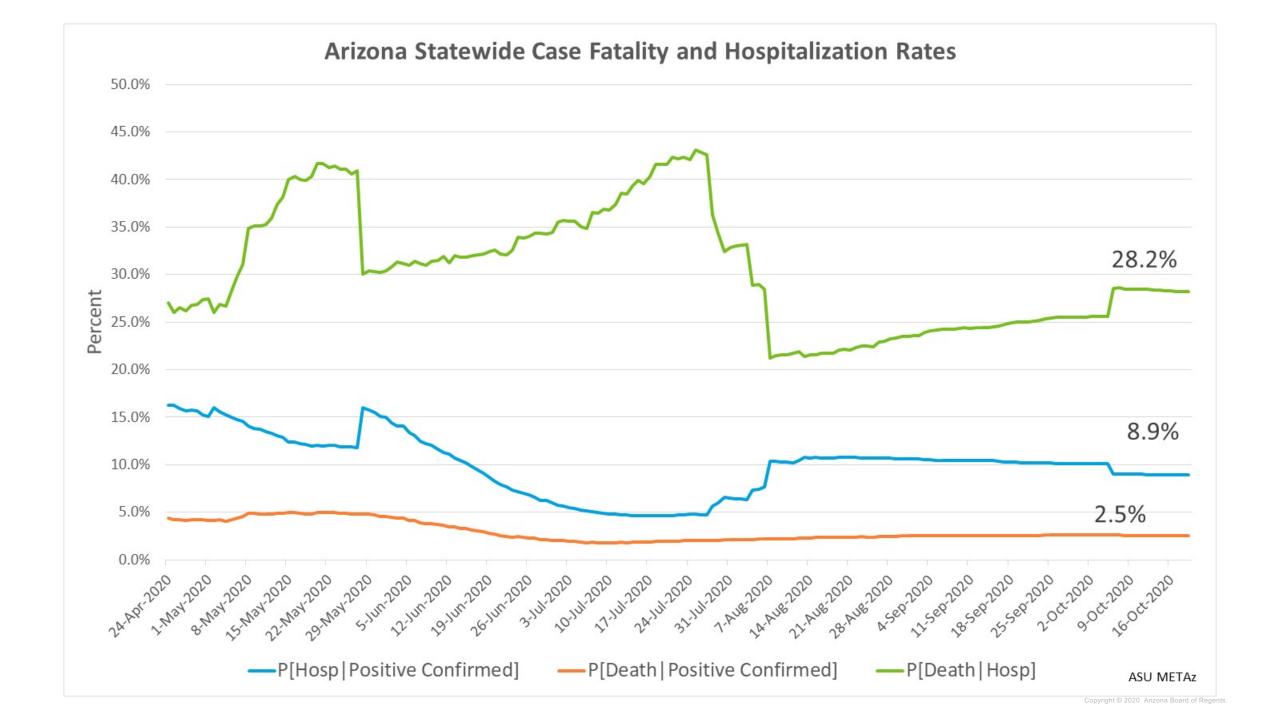












Hospital Usage



