

### COVID Epidemiology Situation Update

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October 14, 2020

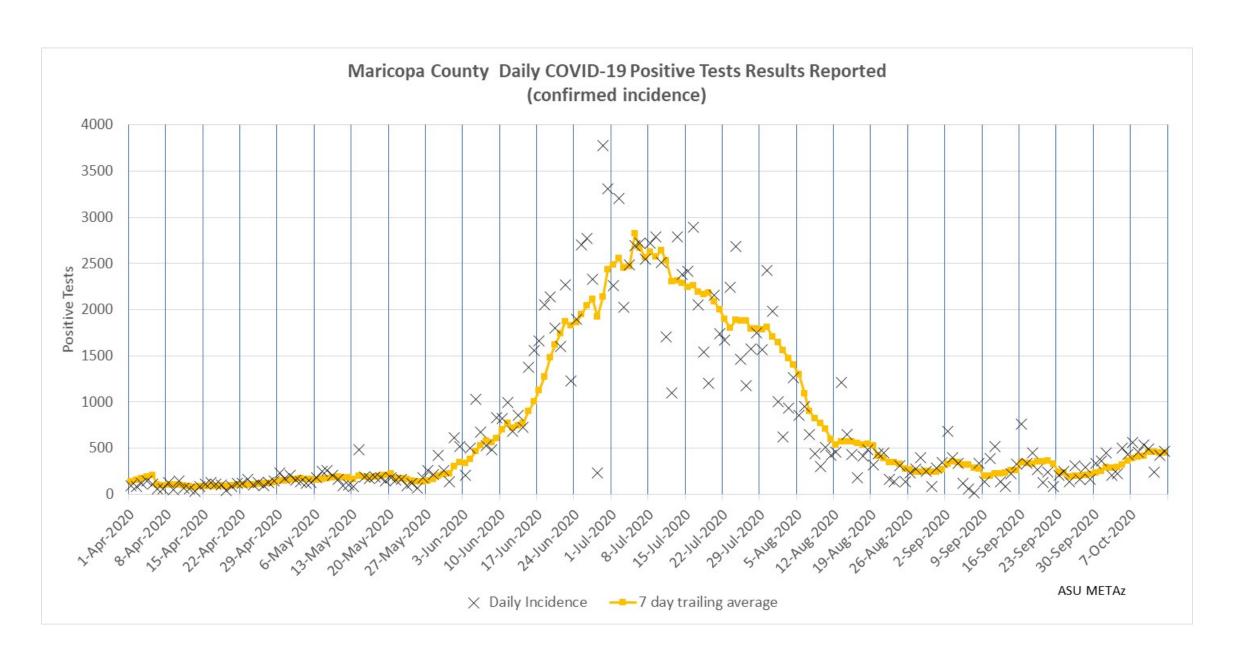
#### **Summary**

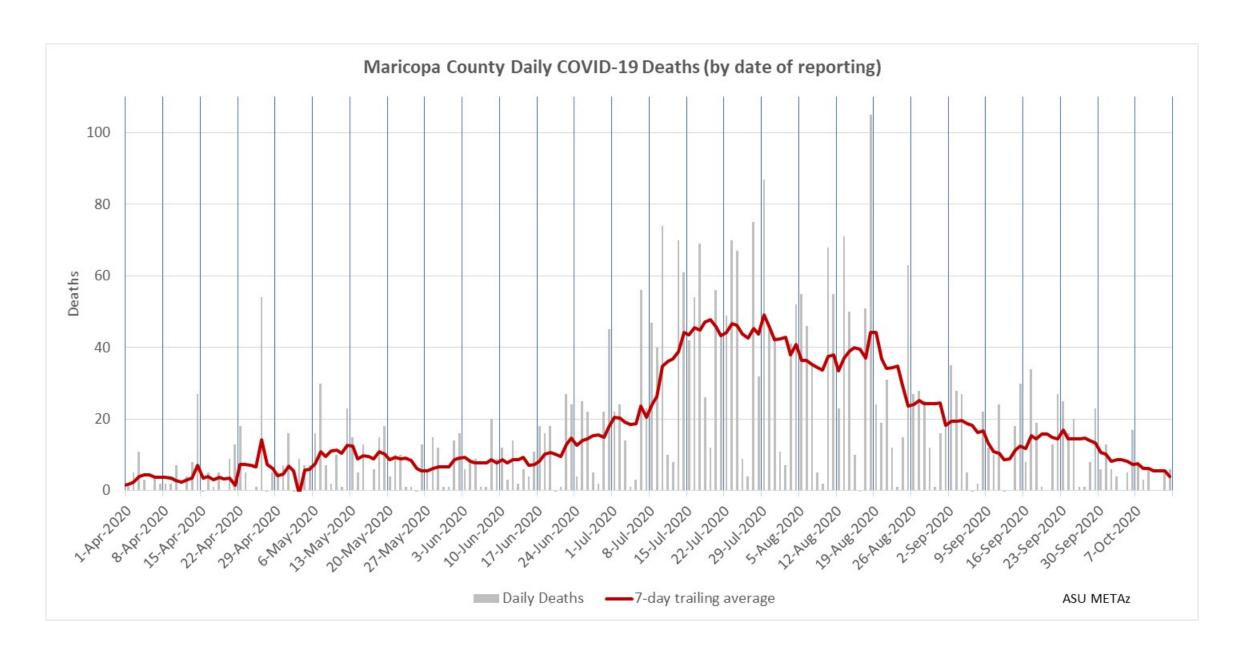
October 14, 2020				
	Statewide		Maricopa	
	Reported Today	Cumulative	Reported Today	Cumulative
Cases	902	227,635	541	147,551
PCR Tests	8,050	1,589,202	4889	934,654
% Positive	11.2%	14.3%	11.1%	11.9%
Hospitalizations	0	20,366	35	12,762
Deaths	5	5,772	4	3,475
All data pulled from azdhs.gov. Numbers may not match Maricopa county data.				

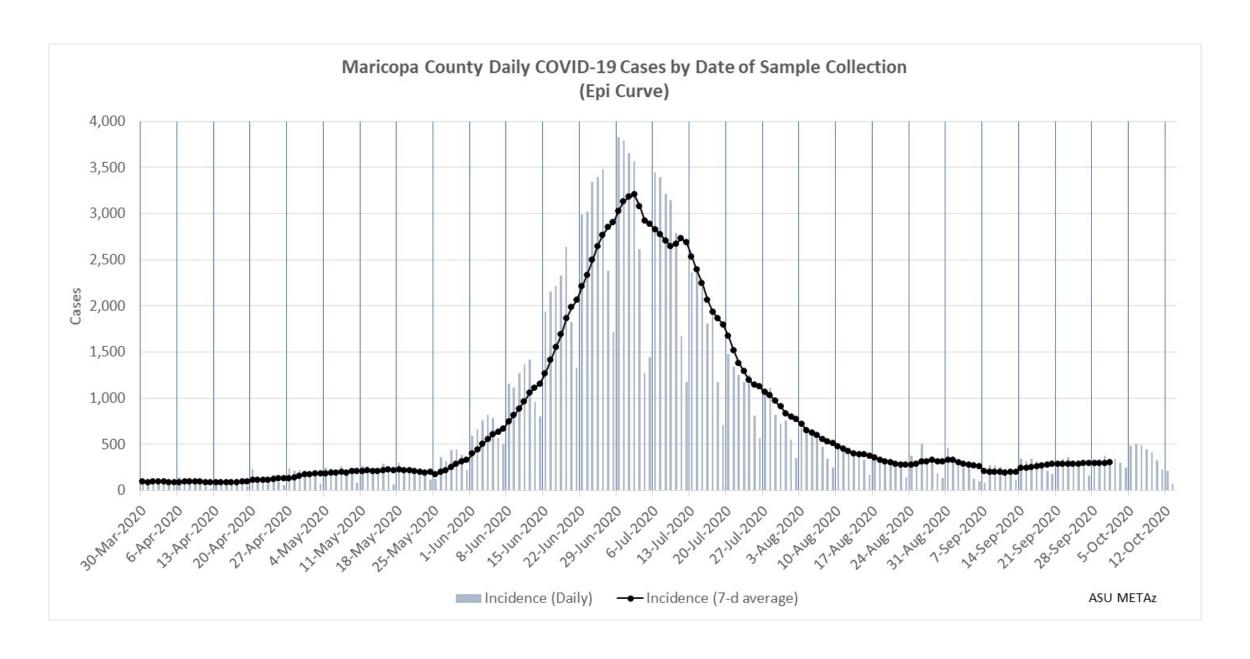
- Today's statewide case count is 902, with 541 cases (60%) in Maricopa County, in line with population distribution.
- The demonstrated epi curve continues to increase in Maricopa County and statewide. Case counts continue to rise and are still consistent with the second week of June at the beginning of exponential growth after the statewide stay-at-home order was ended.
- Percent positivity statewide is 11.2%. Maricopa county positivity is 11.1%, with low testing on both levels.
   Significantly more testing is needed to characterize the extent of the current outbreak and community transmission.
- ED visits and inpatient bed use for COVID-19 appear to be plateauing, including stable ICU beds and slightly increased use of regular ward beds. Inpatient utilization reflects rates consistent with late April, and ED visits have stabilized at rates similar to the second week of June. There is no indication that hospital resources are at risk of becoming overwhelmed.

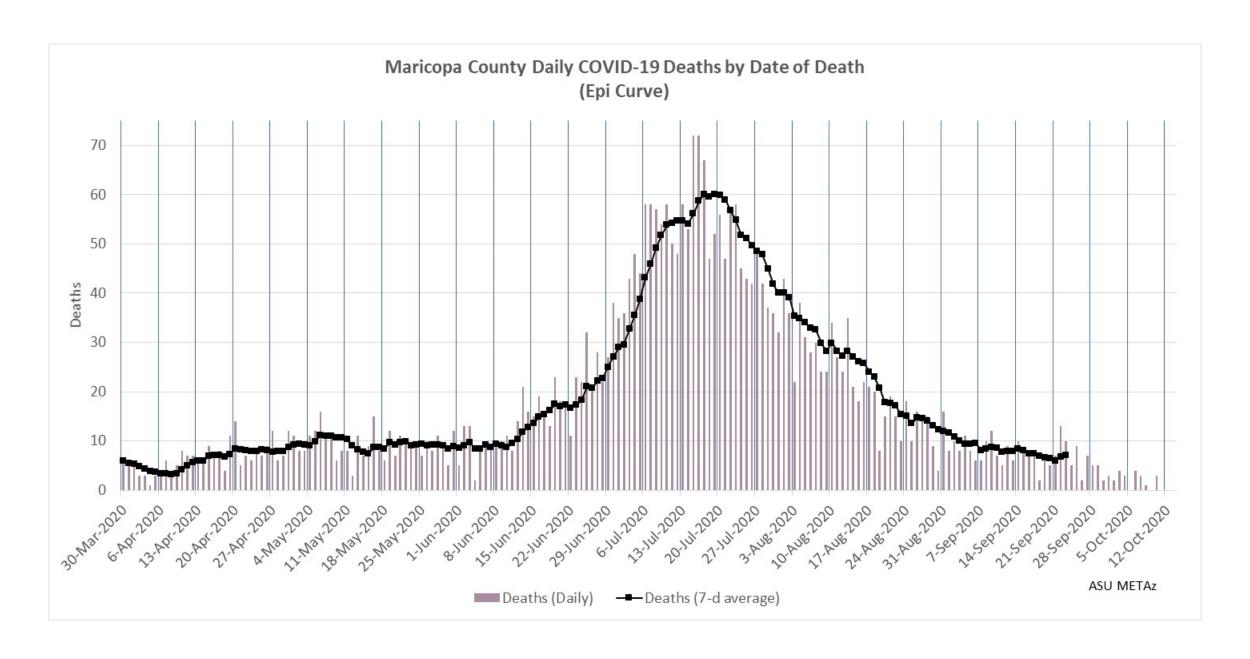
## Maricopa County Analysis

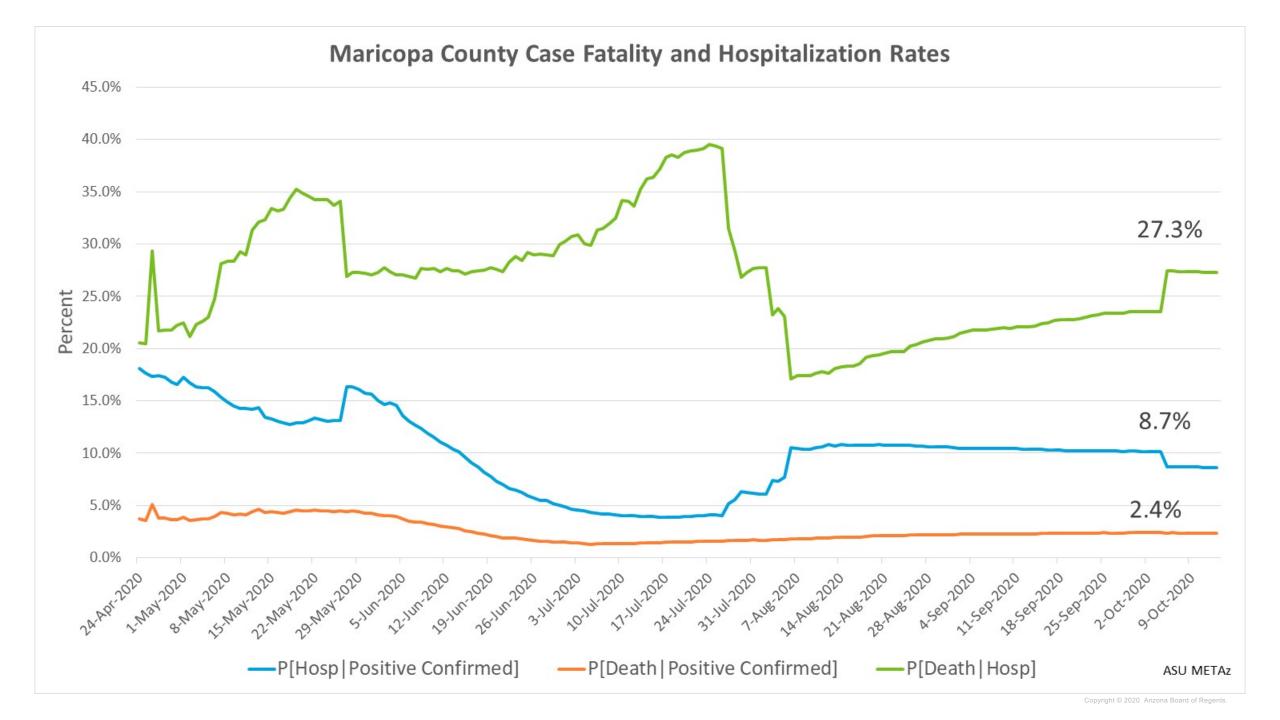










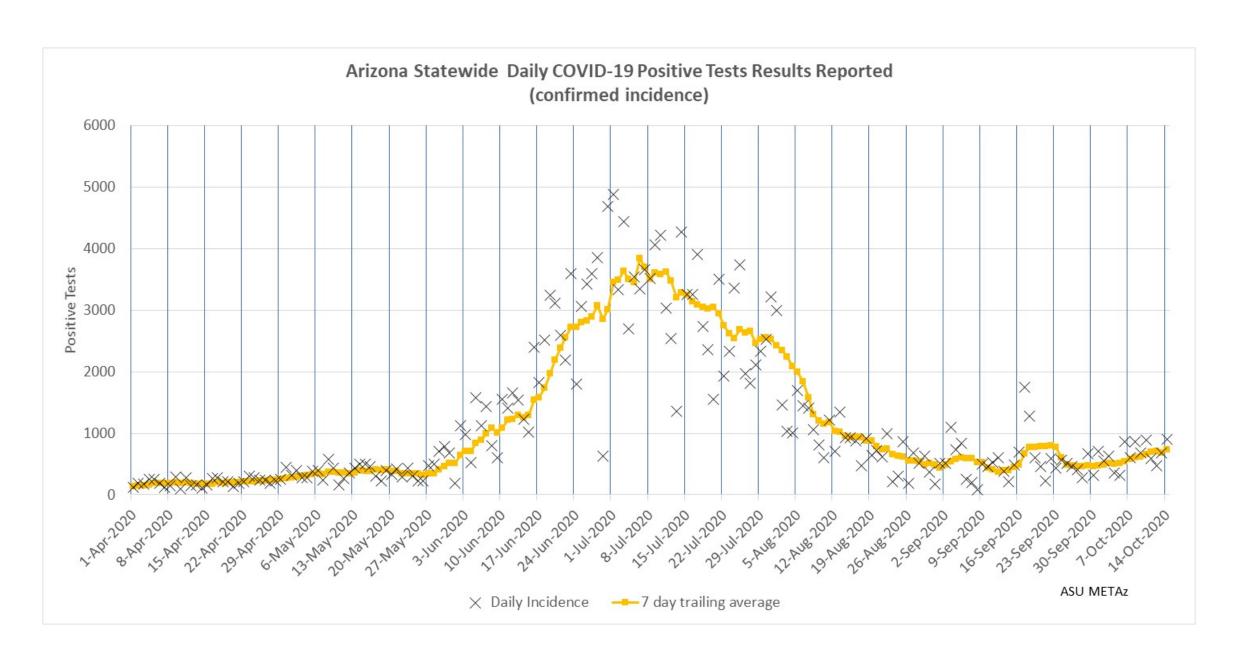


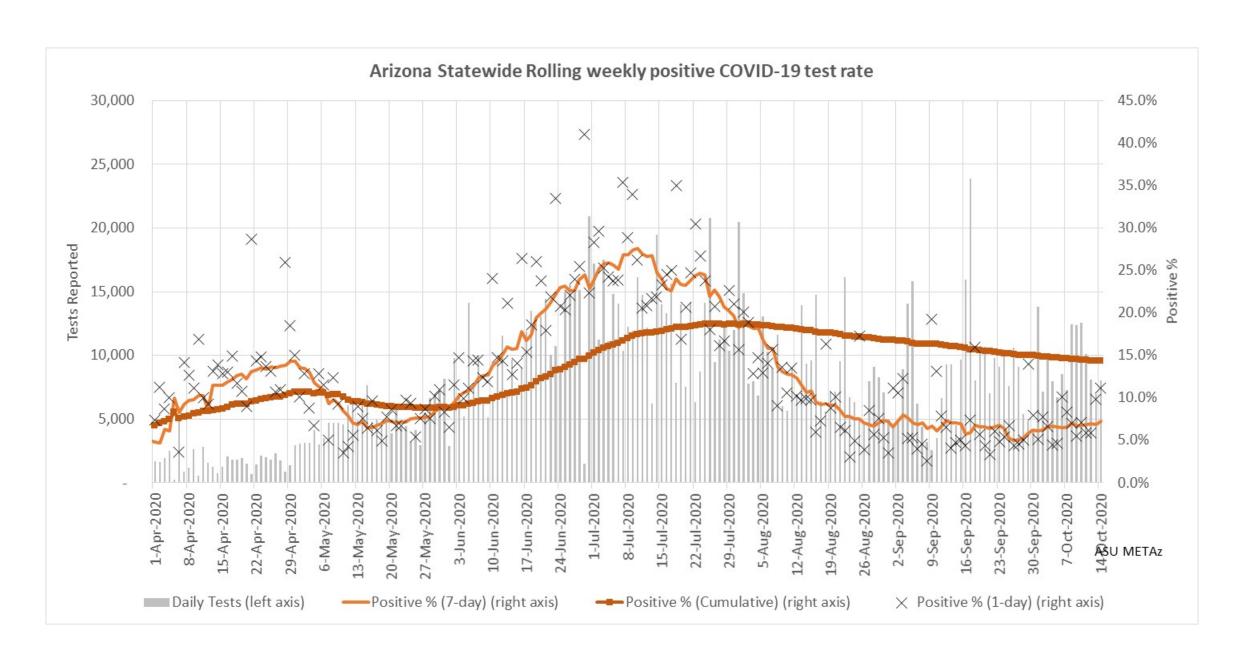
# Arizona Statewide Analysis

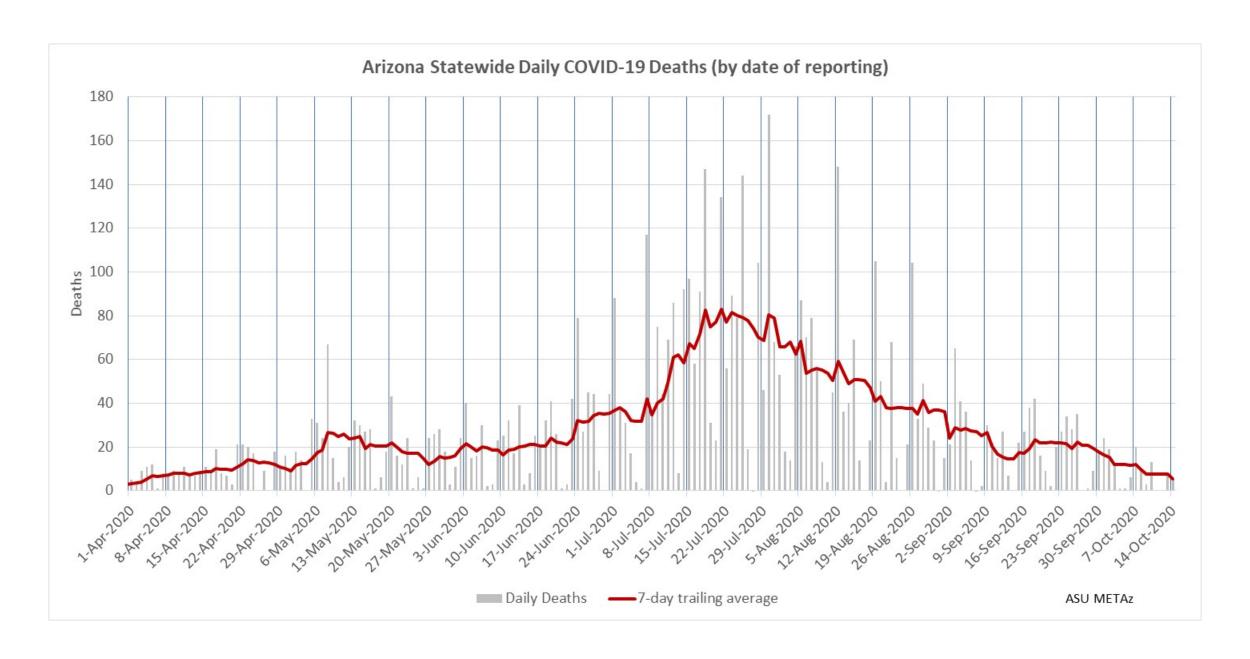


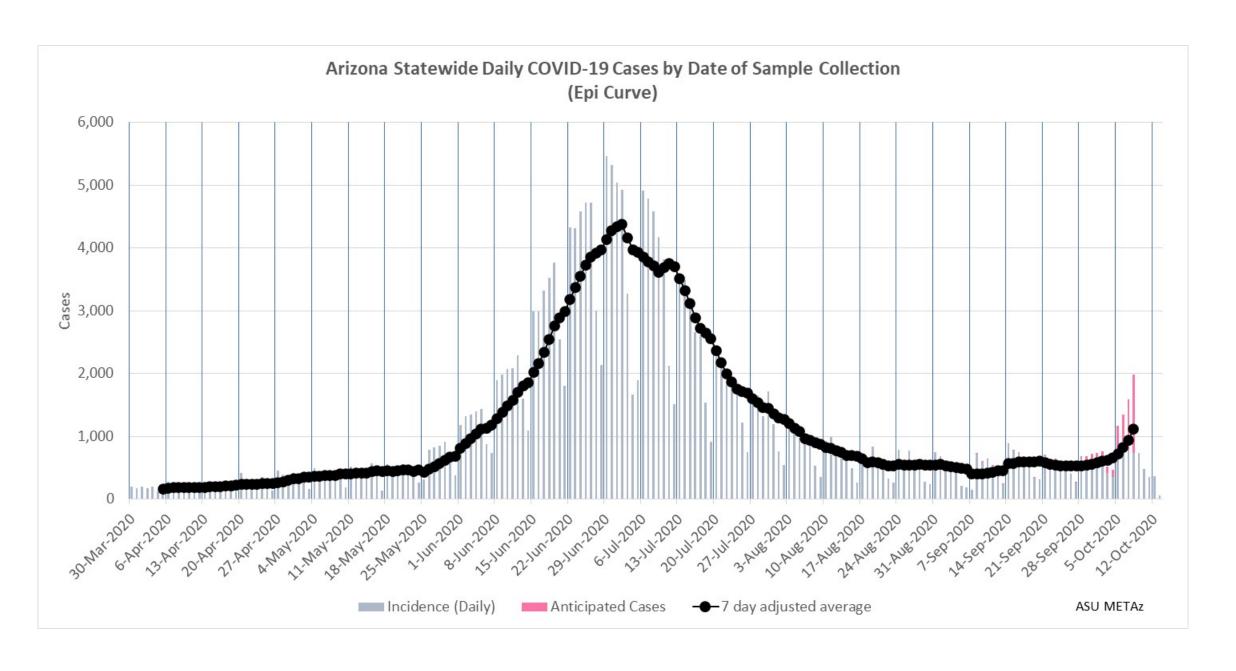
### Epidemiology

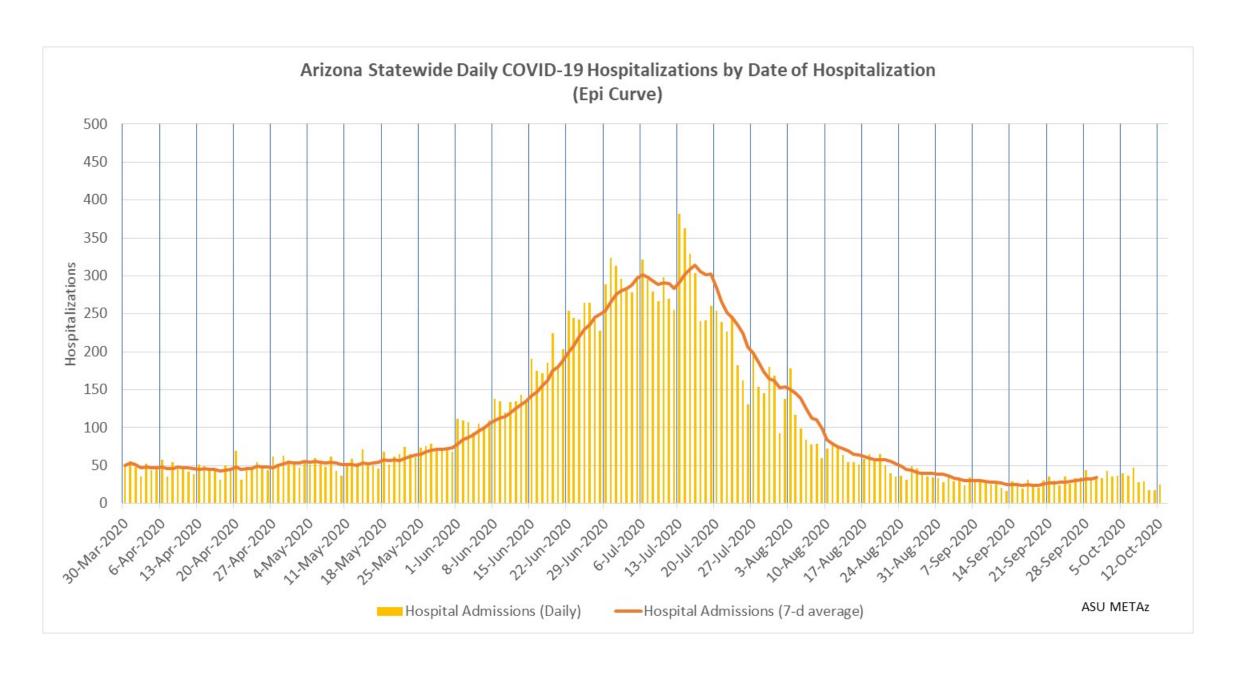


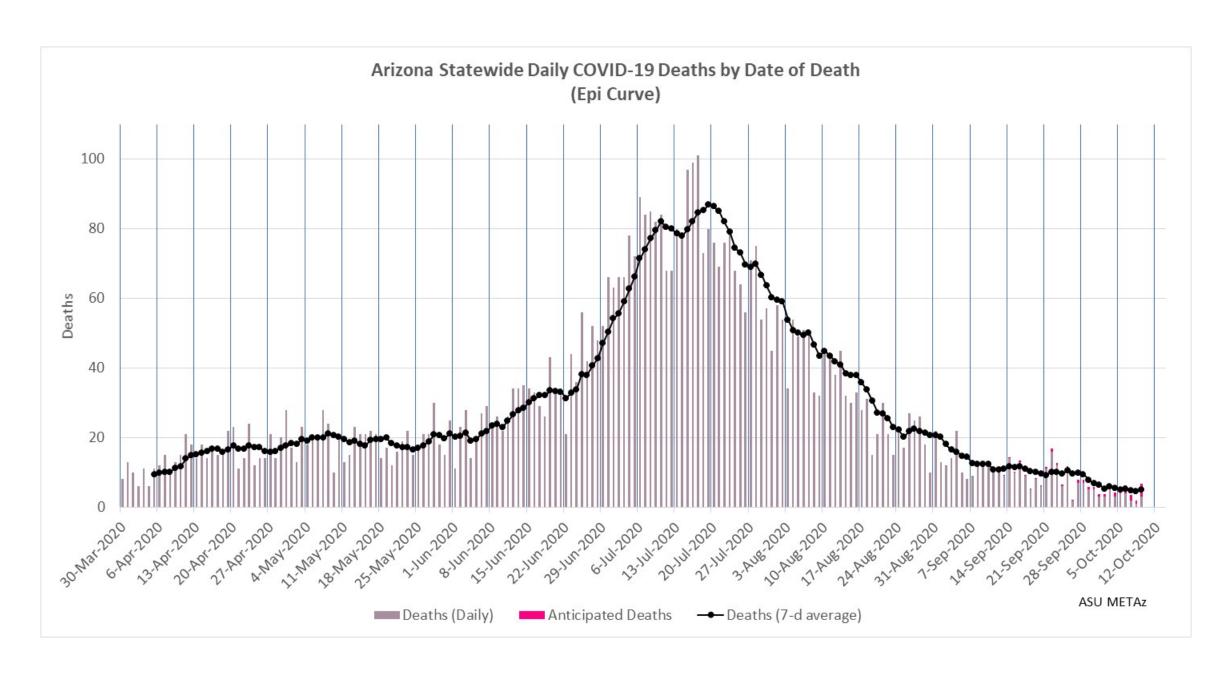


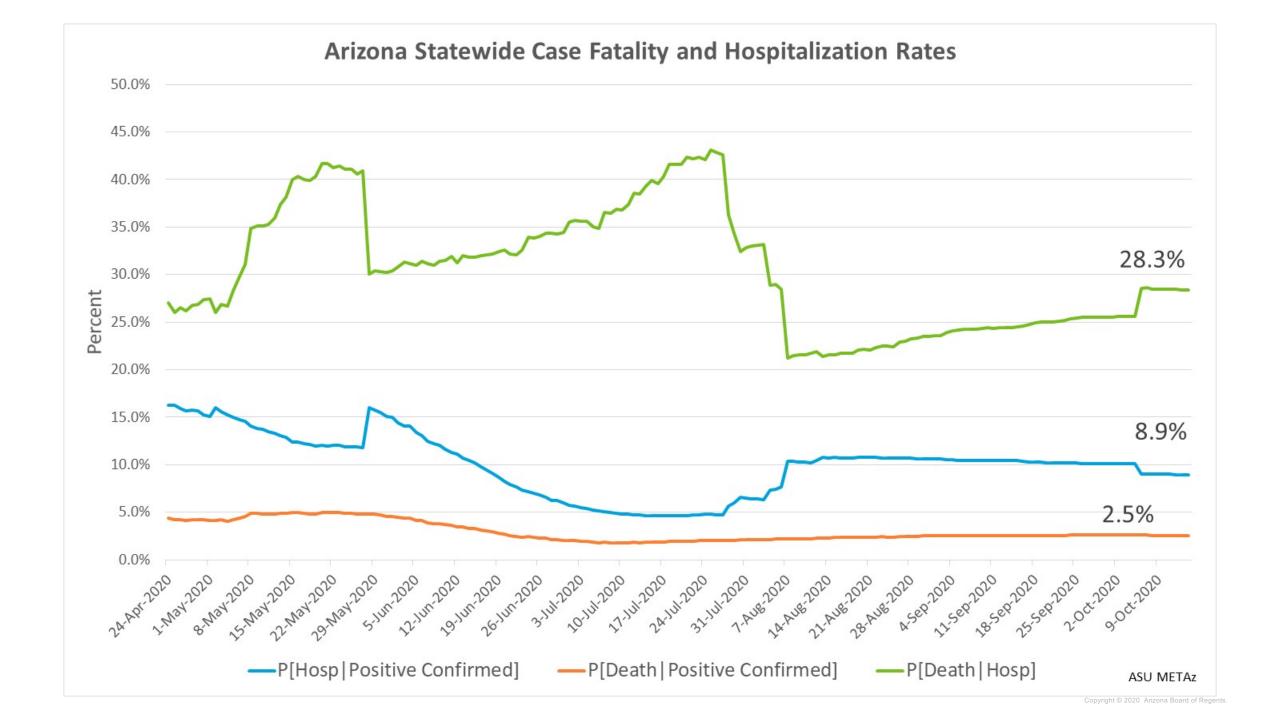






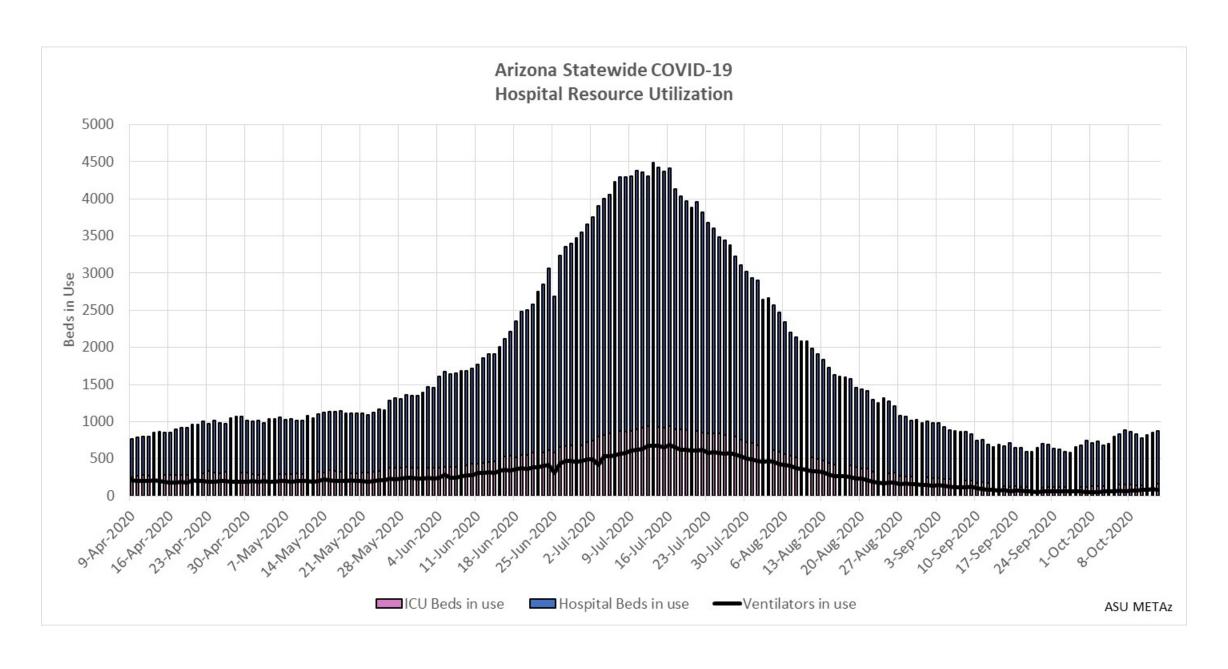


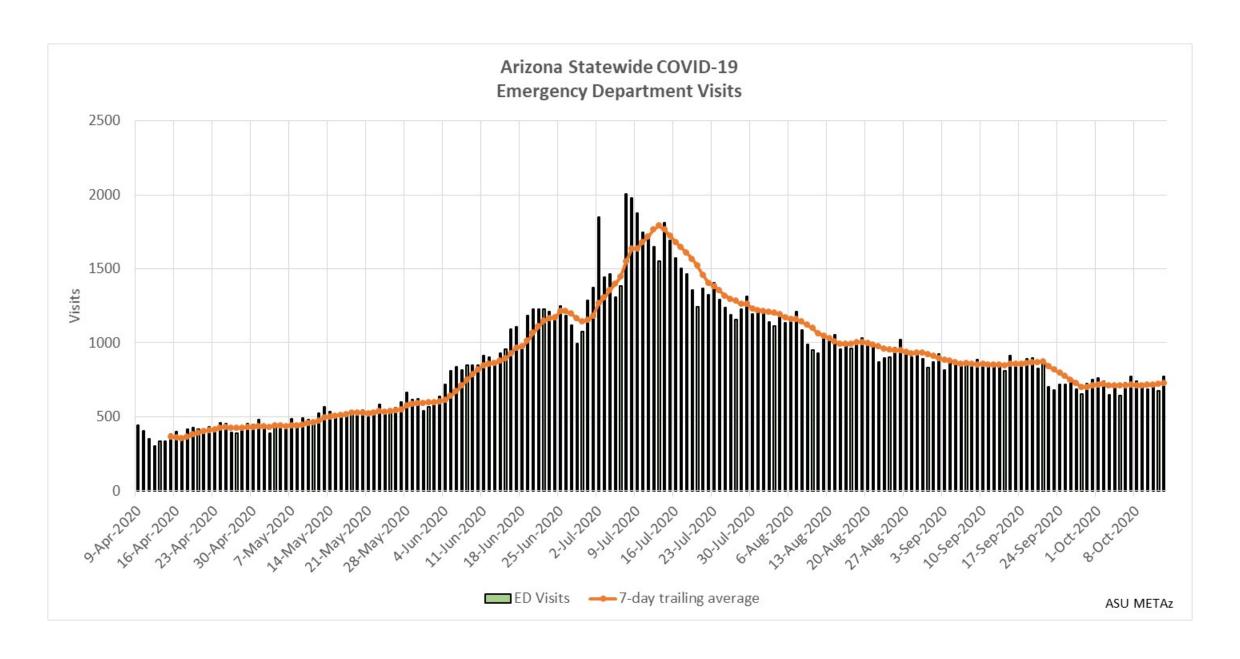


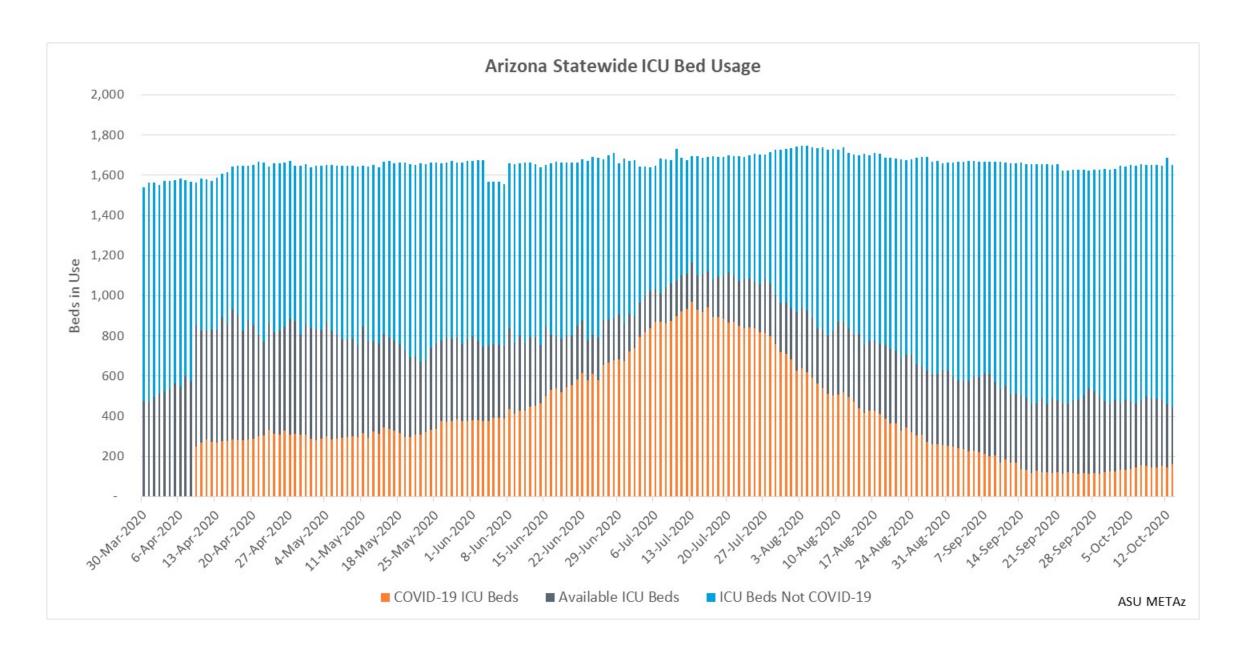


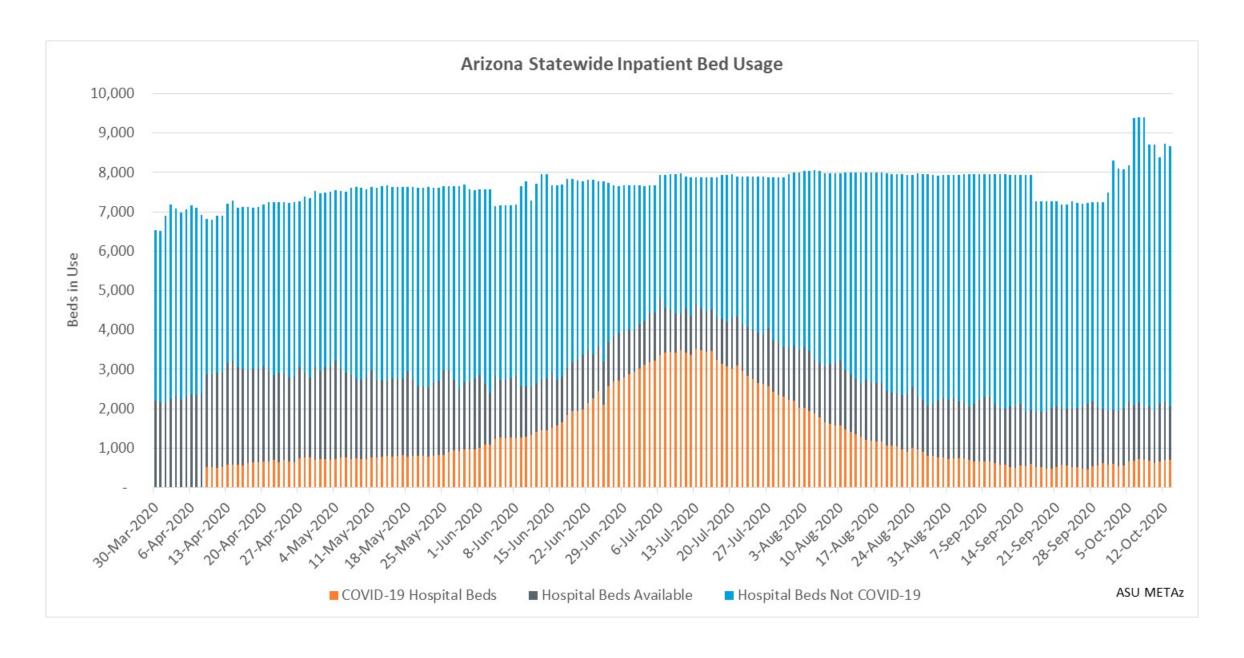
### Hospital Usage

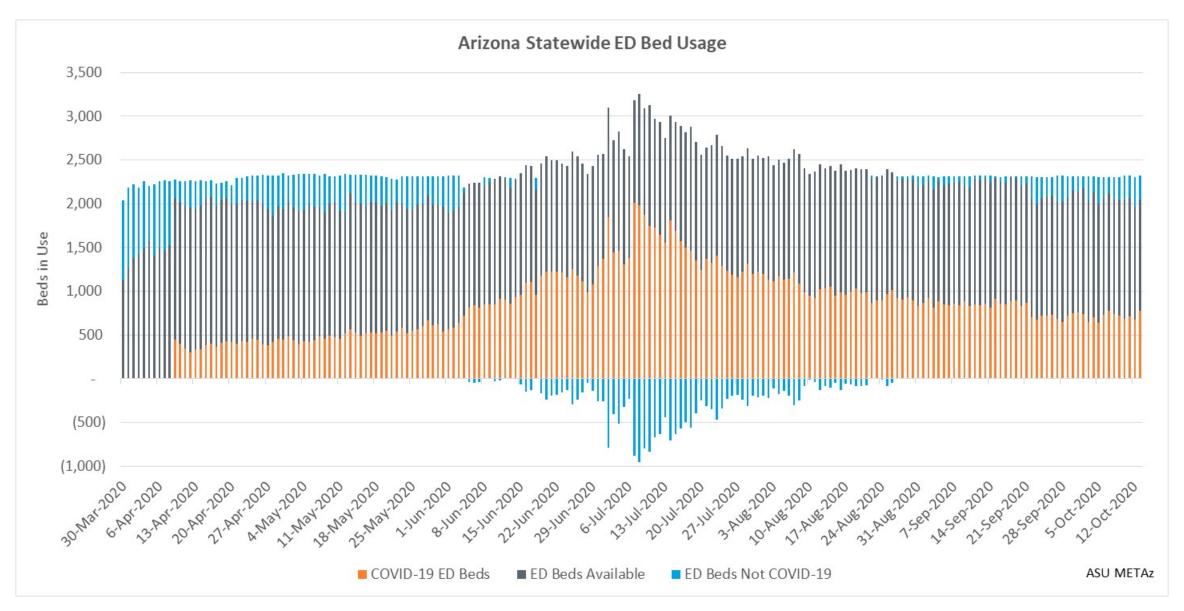












Where blue bars are below zero, COVID ED patients exceeded total reported ED bed usage