

### **COVID Epidemiology Situation Update**

Tim Lant, PhD, MAS, Heather Ross PhD, DNP, ANP-BC, Anna Muldoon, MPH, Samantha Sokol, Esma Gel, PhD, and Megan Jehn, PhD

#### November 23, 2020

#### **Summary**

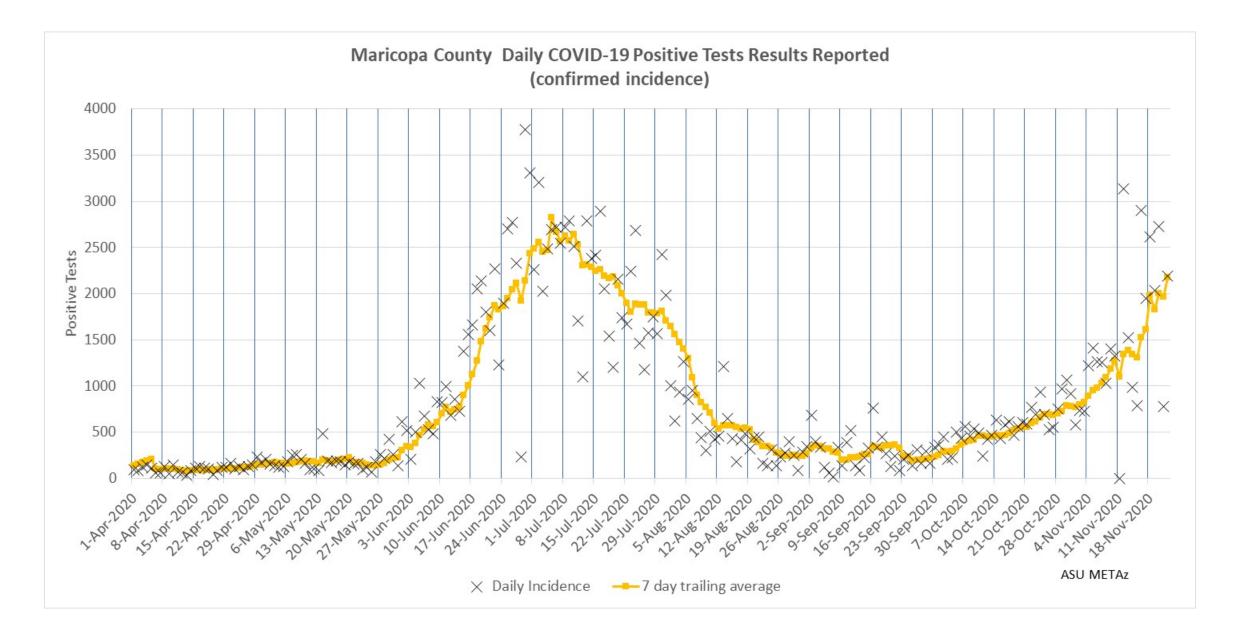
November 23, 2020				
	Statewide		Maricopa	
	Reported Today	Cumulative	Reported Today	Cumulative
Cases	2,569	302,234	1,469	191,503
PCR Tests	20,521	2,124,873	35812	1,247,959
% Positive	12.5%	14.2%	11.7%	11.3%
Hospitalizations	49	24,461	270	15,187
Deaths	0	6,464	18	3,896
All data pulled from azdhs.gov. Numbers may not match Maricopa county data.				

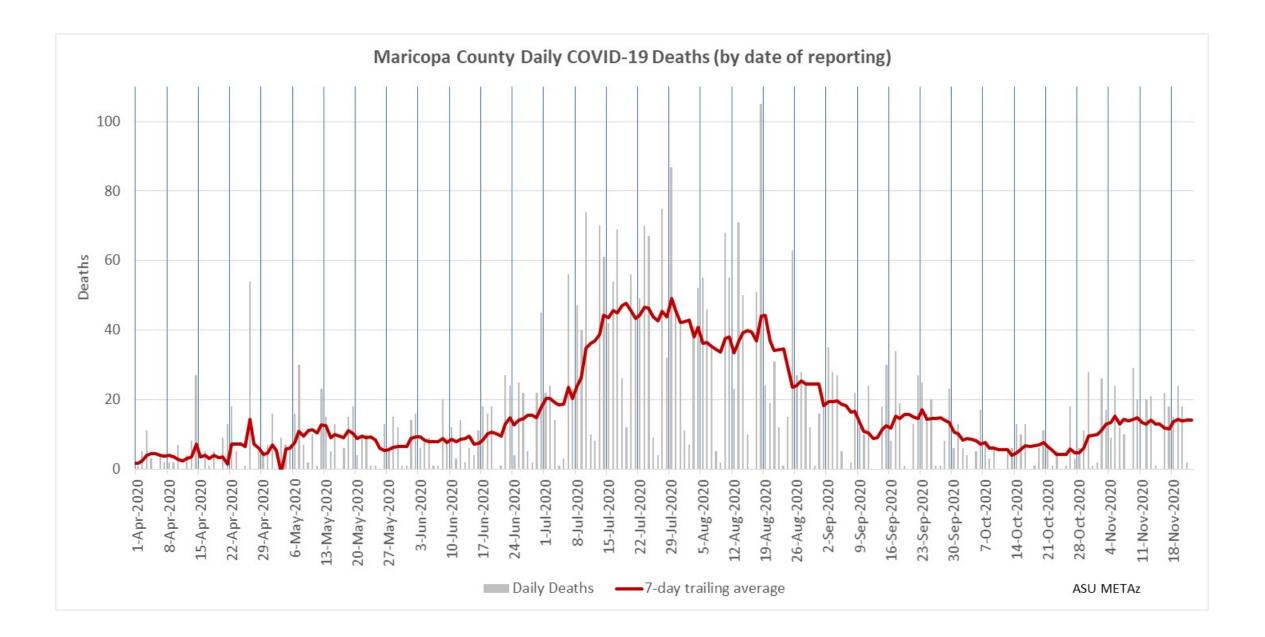
- Today's statewide case count is 2,569, with 1,469 cases (57%) in Maricopa County, slightly lower than population distribution. The 7-day average for reported cases is now 3,617.
- The epi curve continues to increase in Maricopa County and statewide with clear exponential growth.
- Percent positivity is 12.5% statewide and 11.7% in Maricopa County with testing volume insufficient to characterize the extent of the current outbreak.
- Hospital utilization and ED visits continue to increase, with inpatient bed usage for COVID-19 at 23% of inpatient beds and 27% of ICU beds statewide. Current hospital utilization is 88% for inpatient beds and ICU beds including COVID and non-COVID utilization. Utilization patterns raise serious concerns that hospital resources are at risk of becoming overwhelmed in the next few weeks.

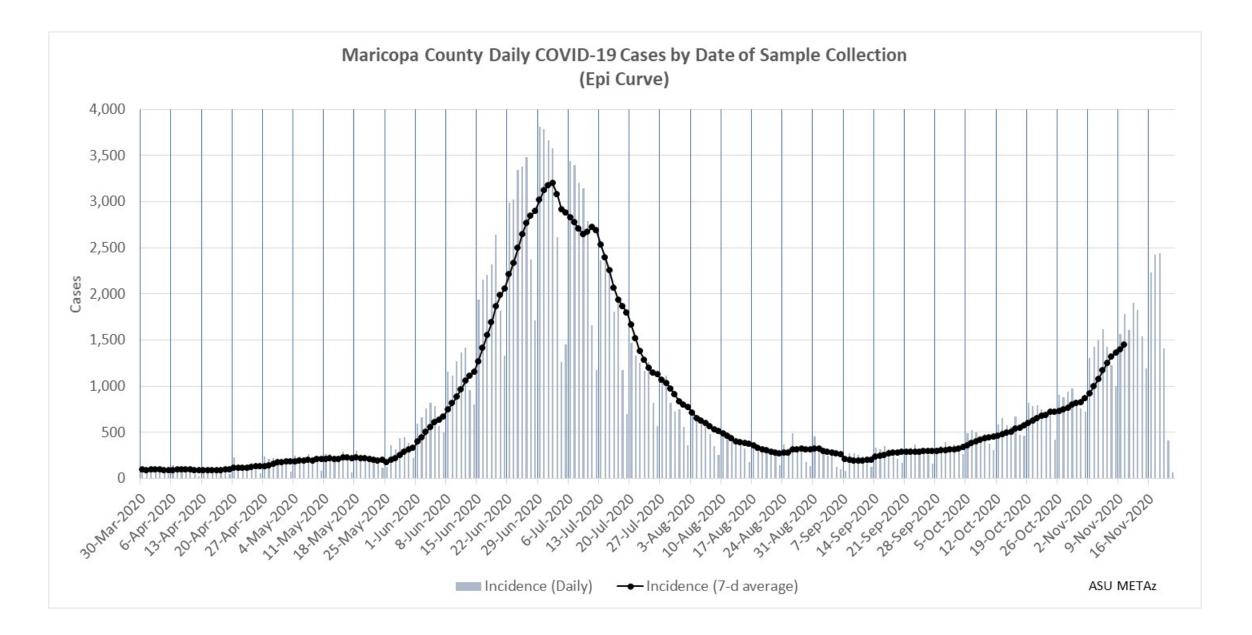
# Maricopa County Analysis

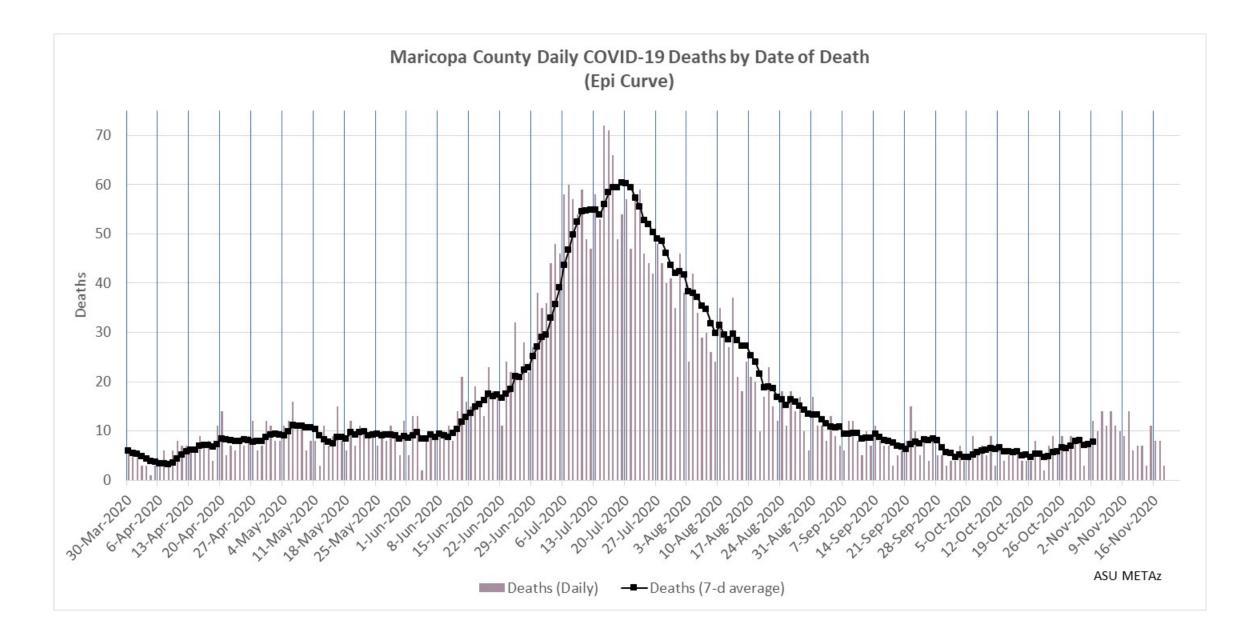


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# Arizona Statewide Analysis

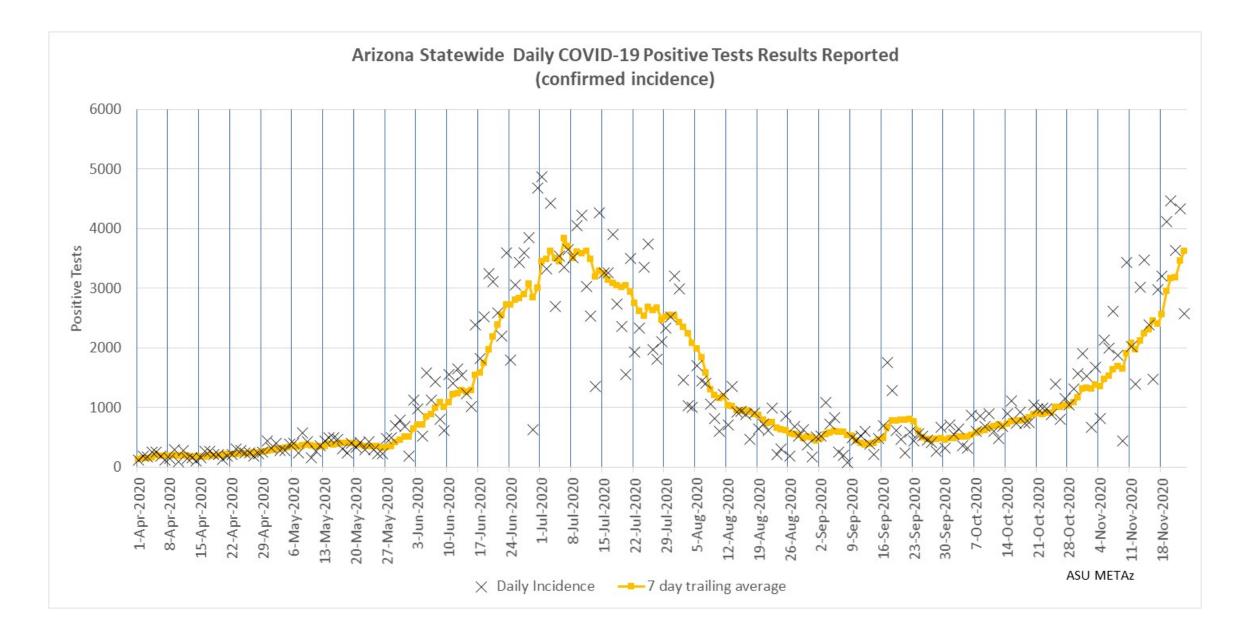


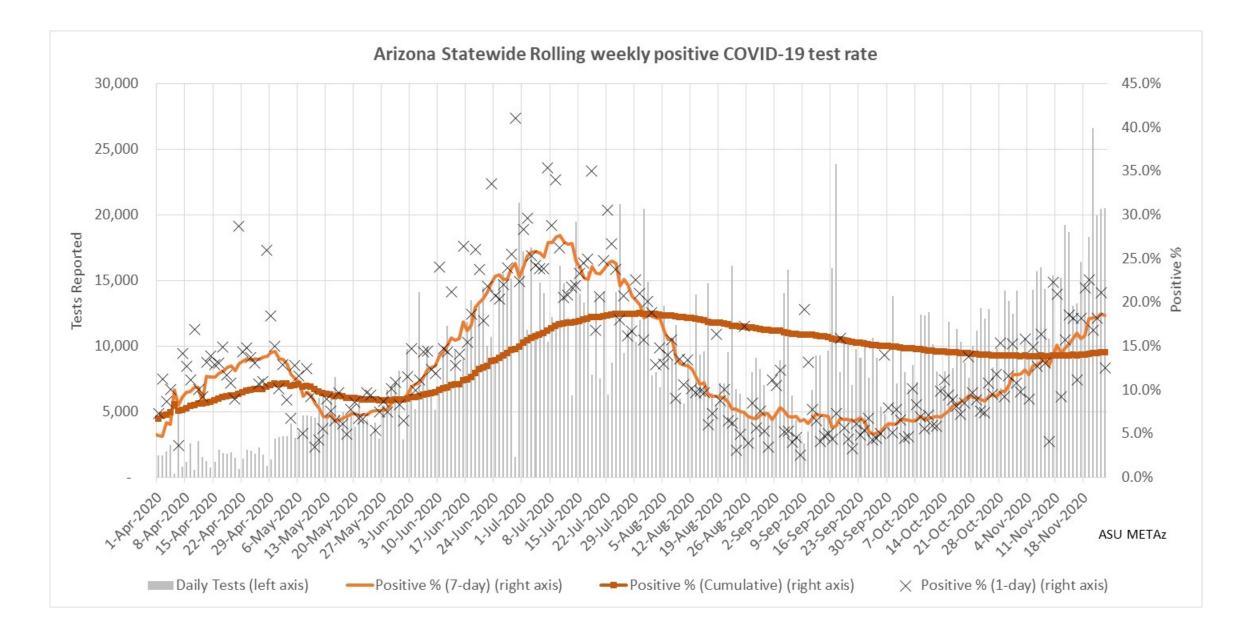
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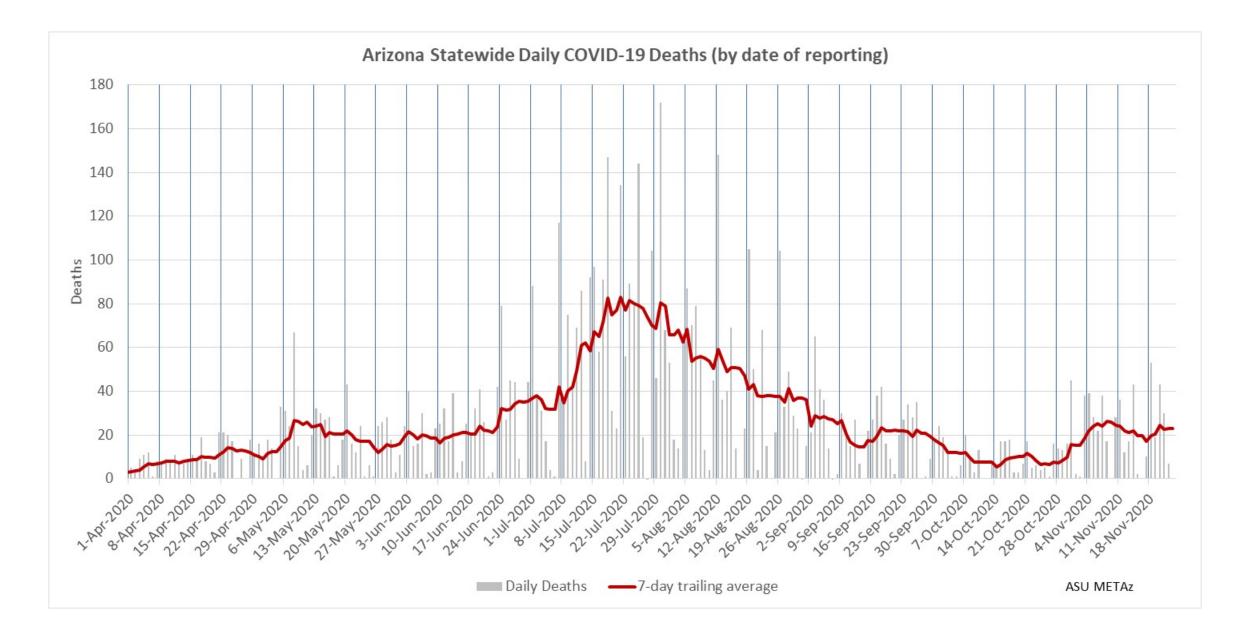
## Epidemiology

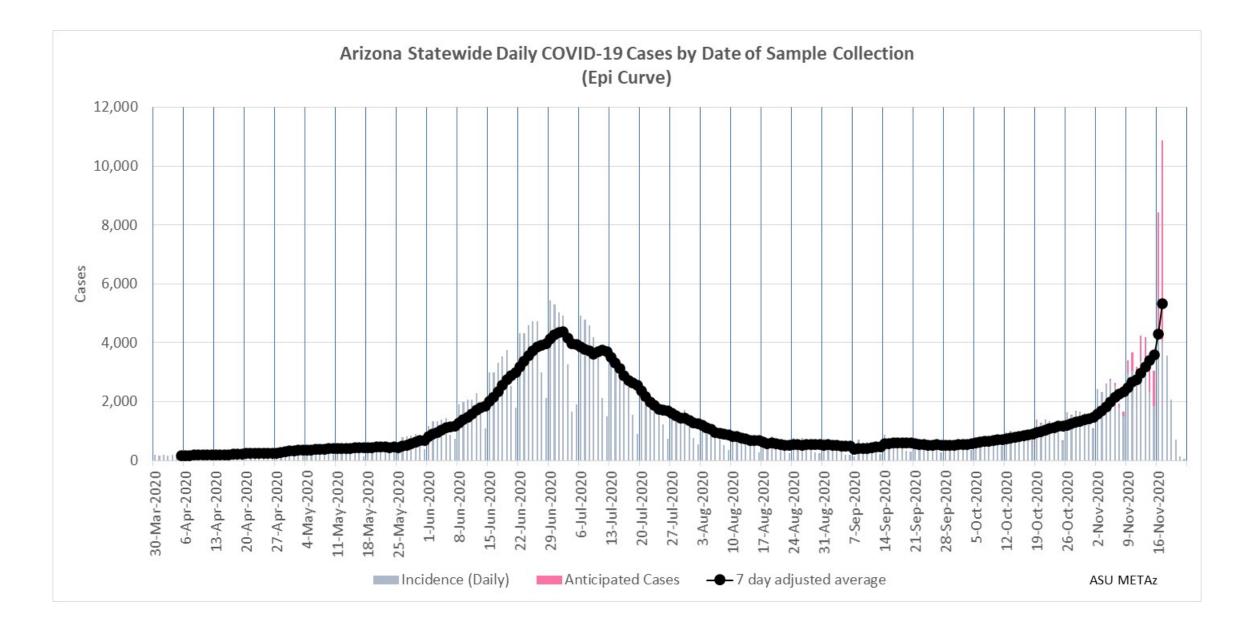


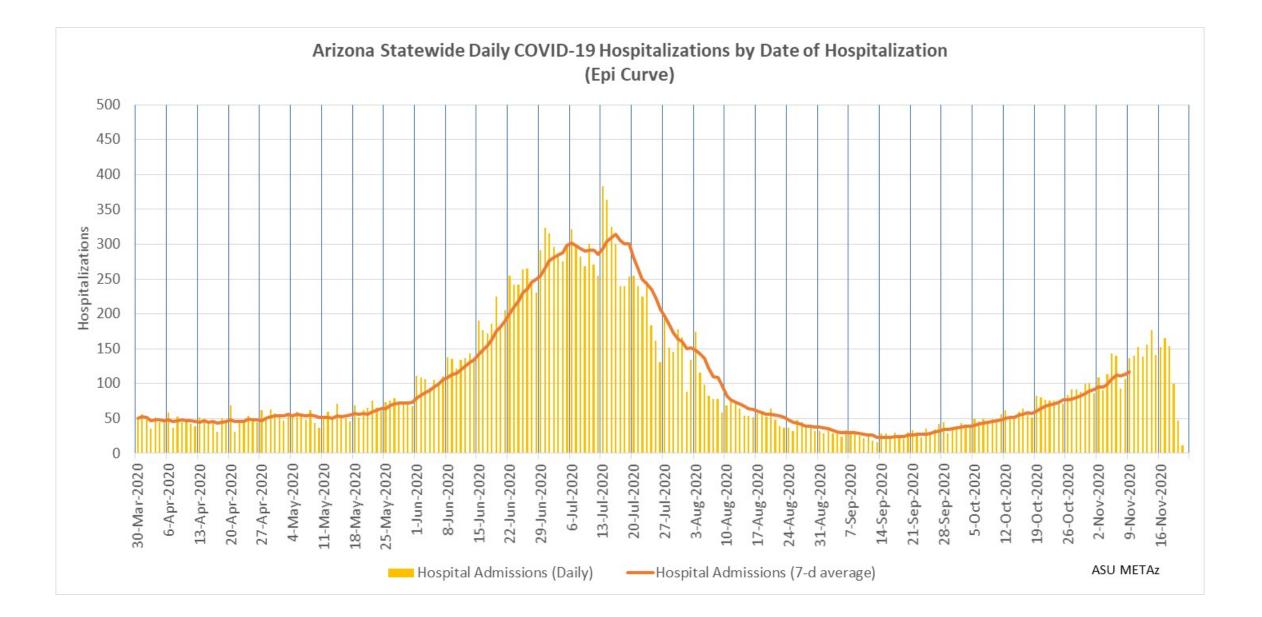
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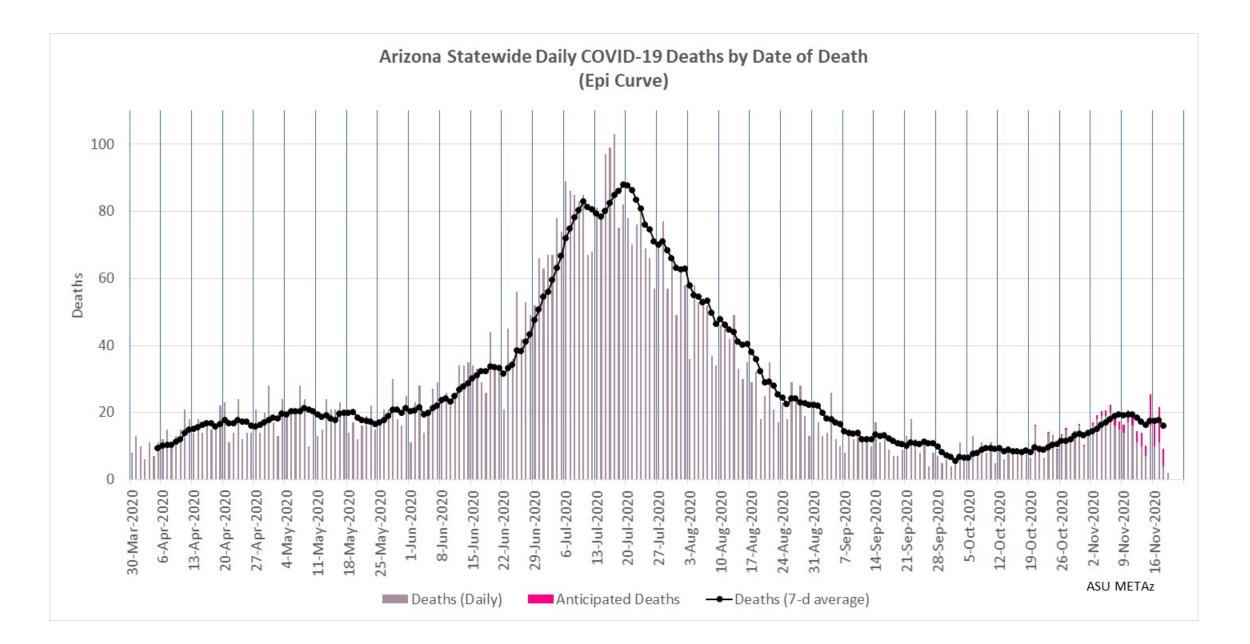


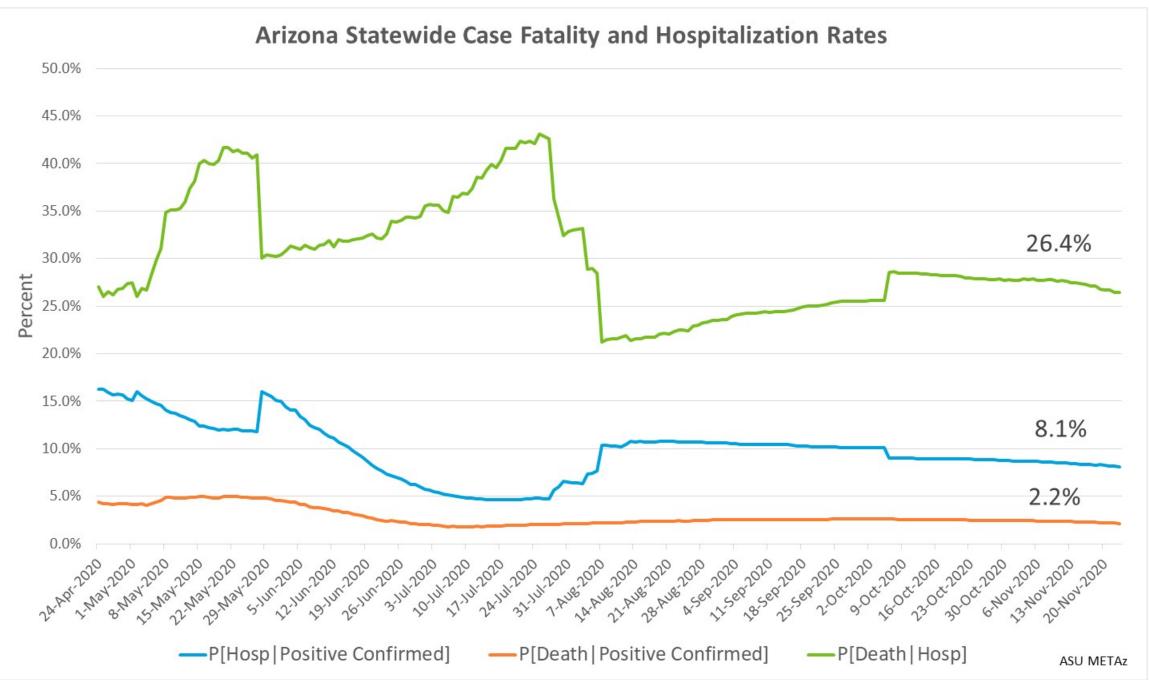








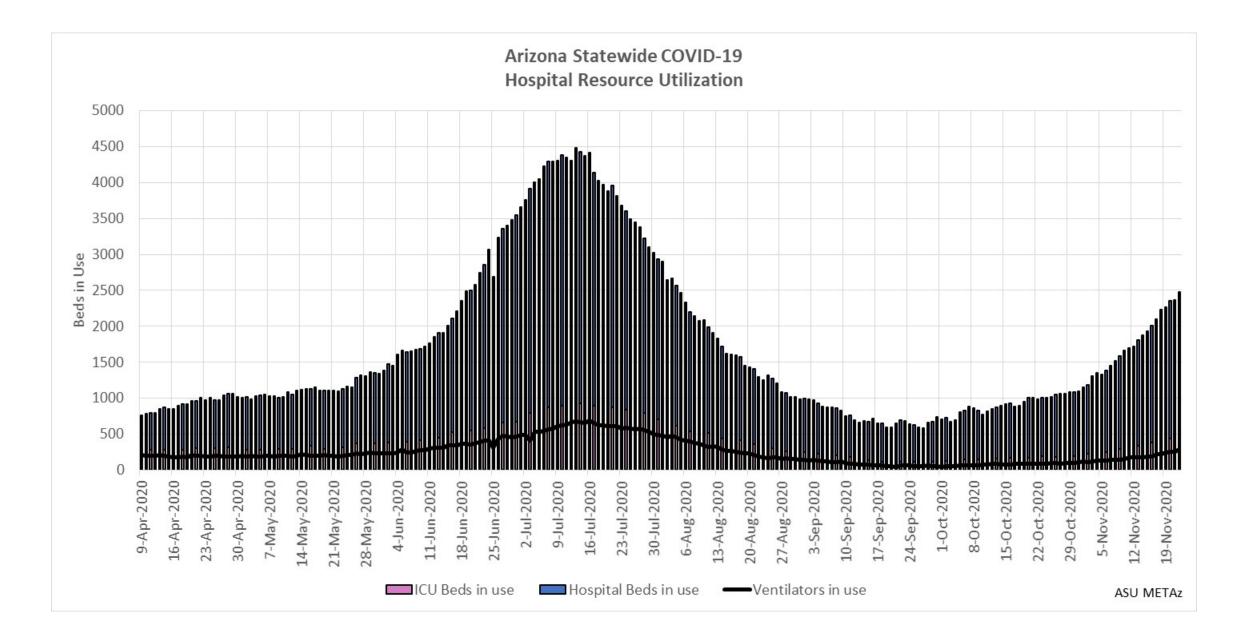


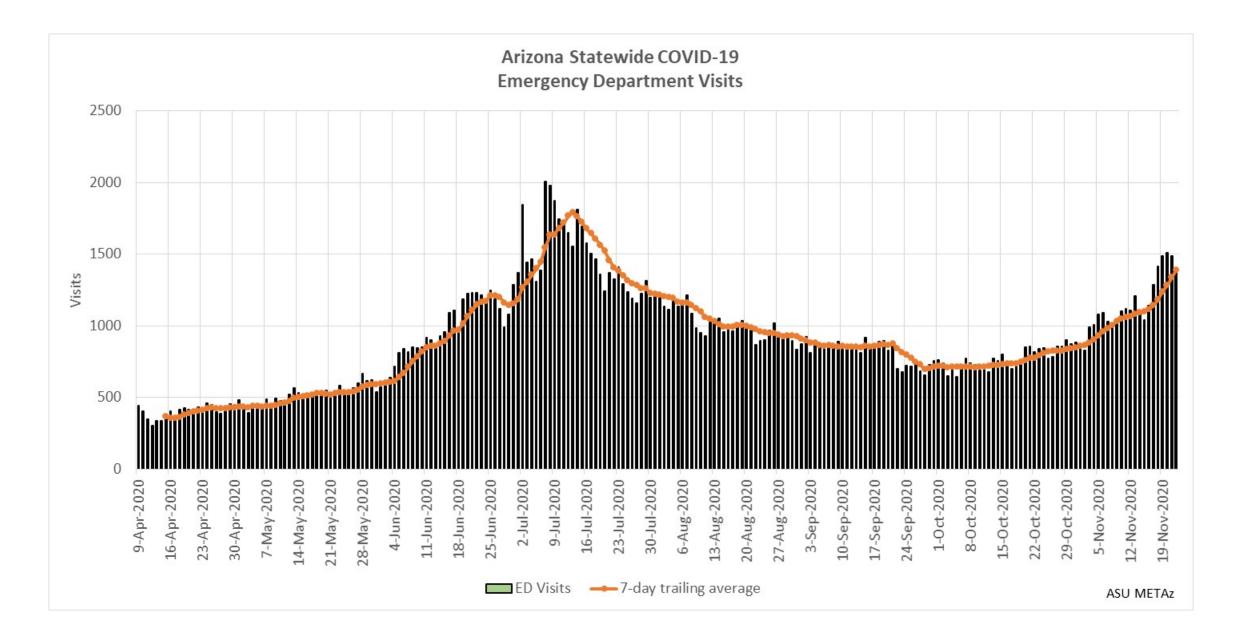


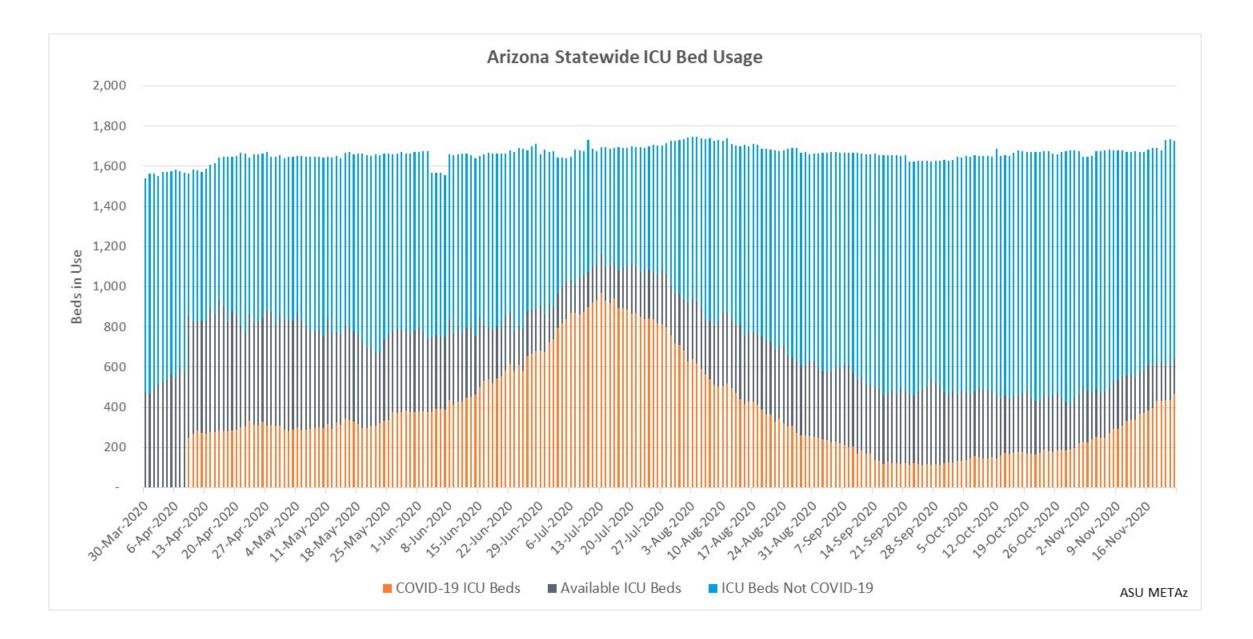
### Hospital Usage

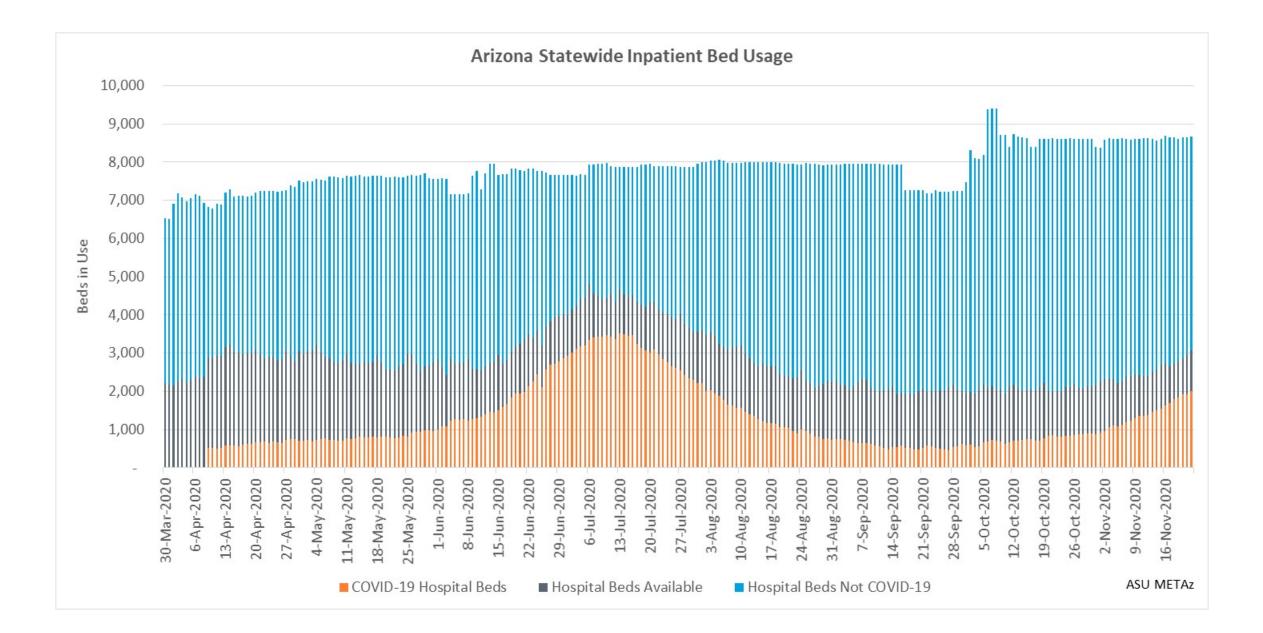


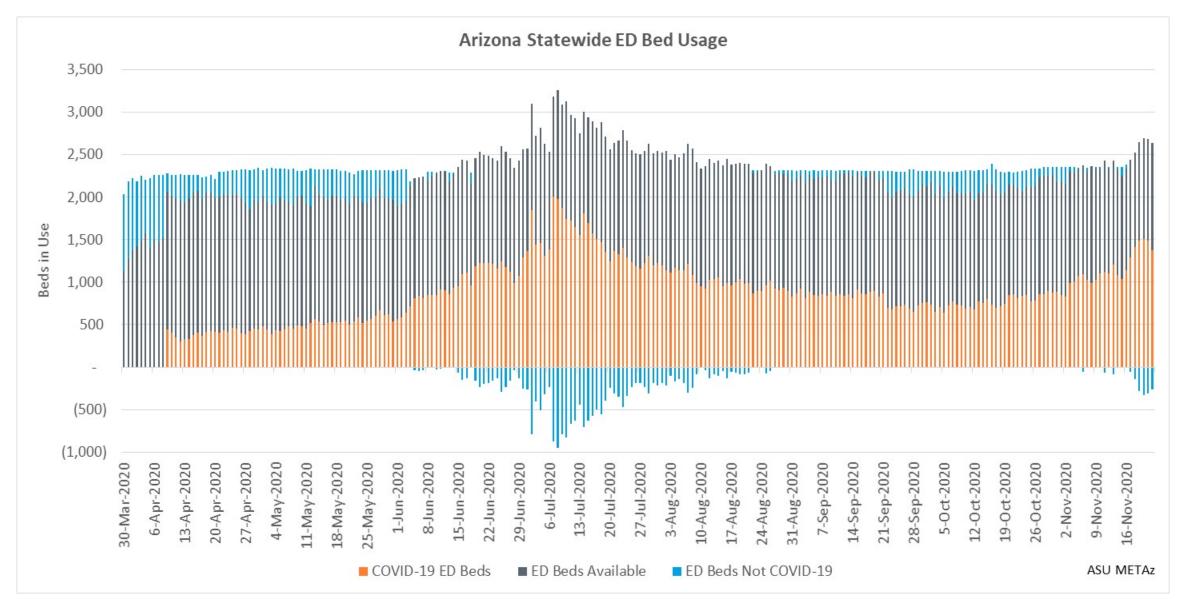
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Where blue bars are below zero, COVID ED patients exceeded total reported ED bed usage