

COVID Epidemiology Situation Update

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September 30, 2020

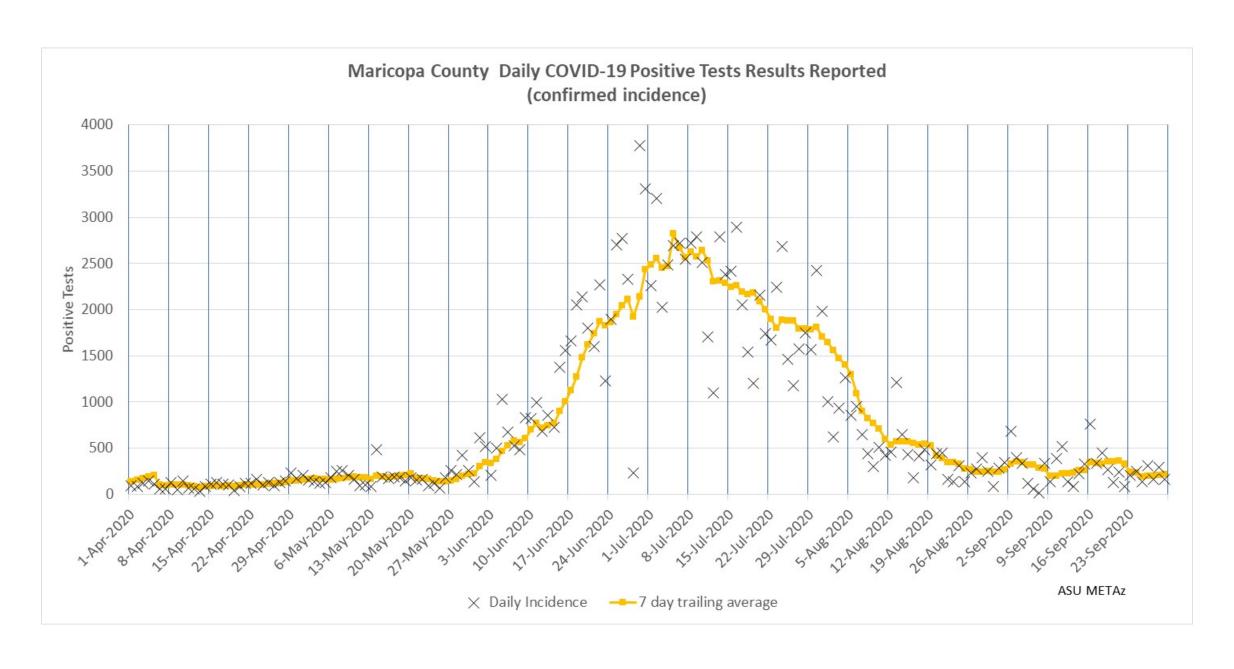
Summary

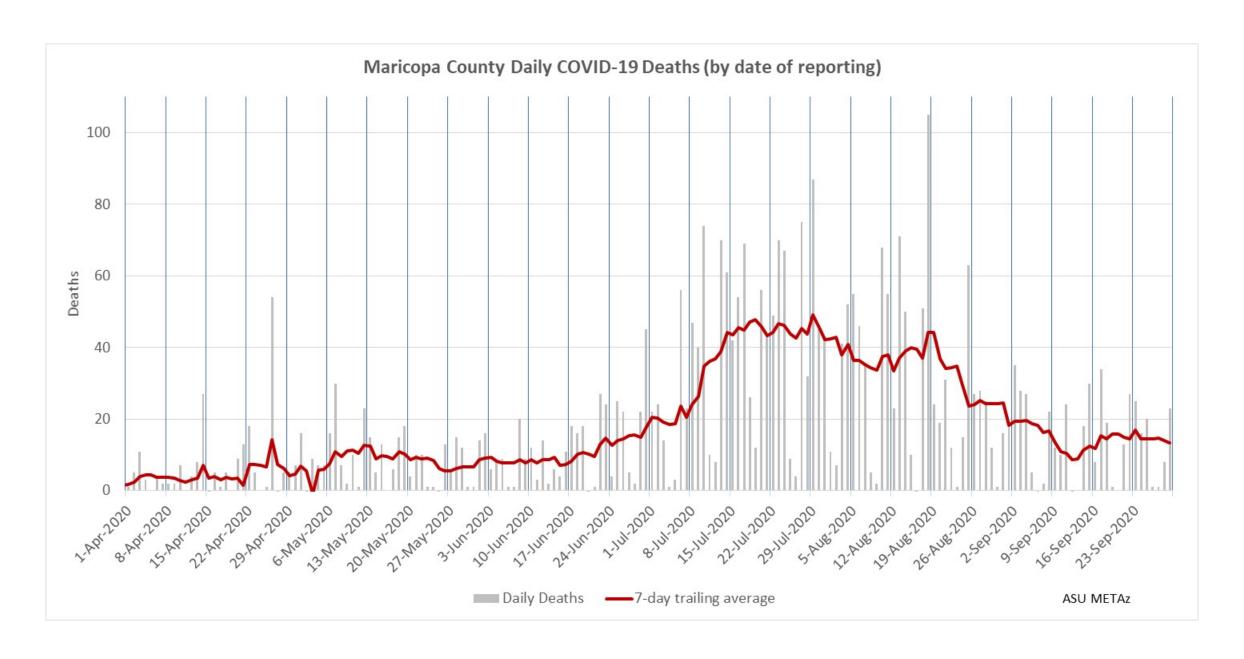
September 30, 2020				
	Statewide		Maricopa	
	Reported Today	Cumulative	Reported Today	Cumulative
Cases	323	218,507	118	141,856
PCR Tests	4,047	1,457,575	1840	858,312
% Positive	8.0%	15.0%	6.4%	12.5%
Hospitalizations	72	22,119	33	14,470
Deaths	18	5,650	20	3,392
All data pulled from azdhs.gov. Numbers may not match Maricopa county data.				

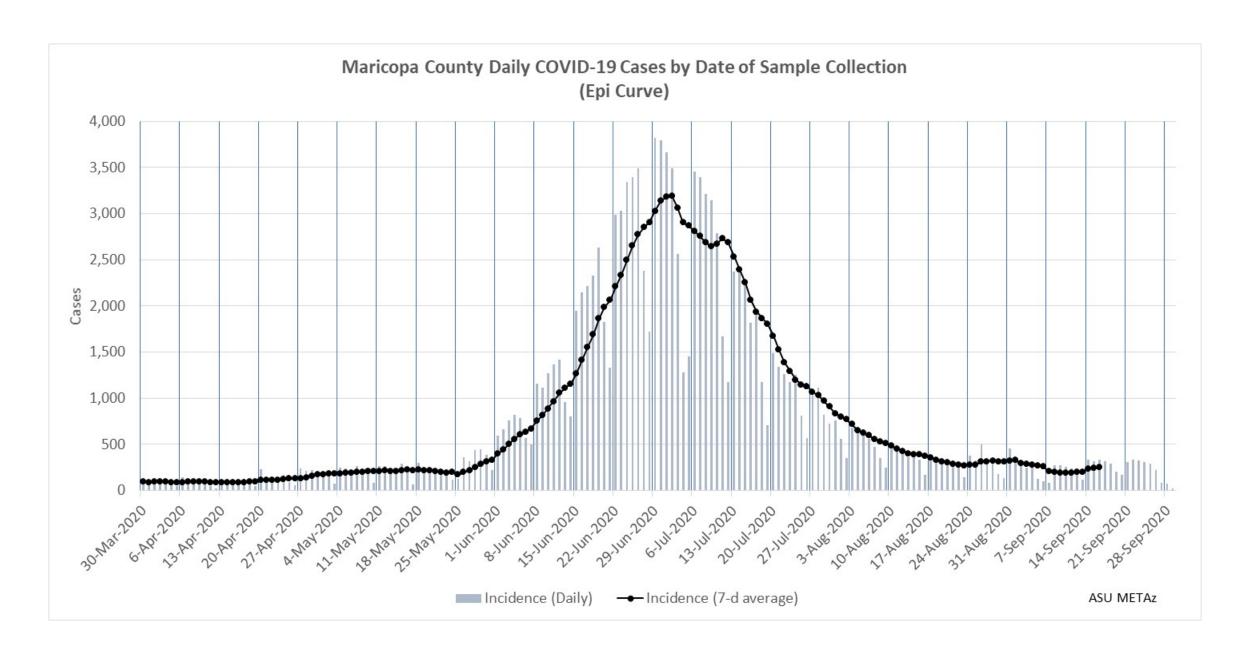
- Today's statewide case count is 323, with 118 cases (37%) in Maricopa County, lower than population distribution would suggest.
- The demonstrated epi curve has begun to show increases in Maricopa County and statewide, including a
 more pronounced upward inflection in the statewide epi curve.
- Percent positivity statewide is 8%, likely due to low testing volume. Maricopa county positivity is 6.4%, also with very low testing volumes. While these numbers are lower than yesterday, they are still higher than they have been in recent weeks.
- Hospital fatality rates statewide appear to be plateauing in the setting of reduced case hospitalization rates overall. Suspected under-reporting may be partially responsible for the changing trends.
- Statewide, ED visits and inpatient bed use for COVID-19 are slightly increased. There is no indication that hospital resources are at risk of becoming overwhelmed.

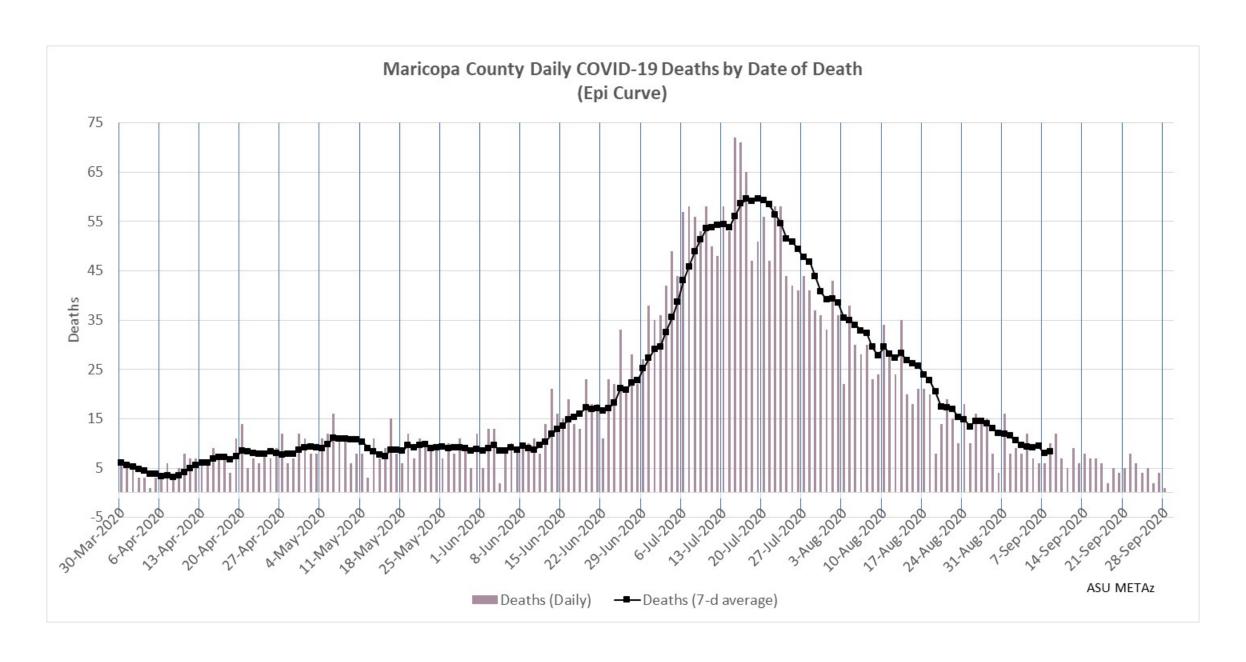
Maricopa County Analysis

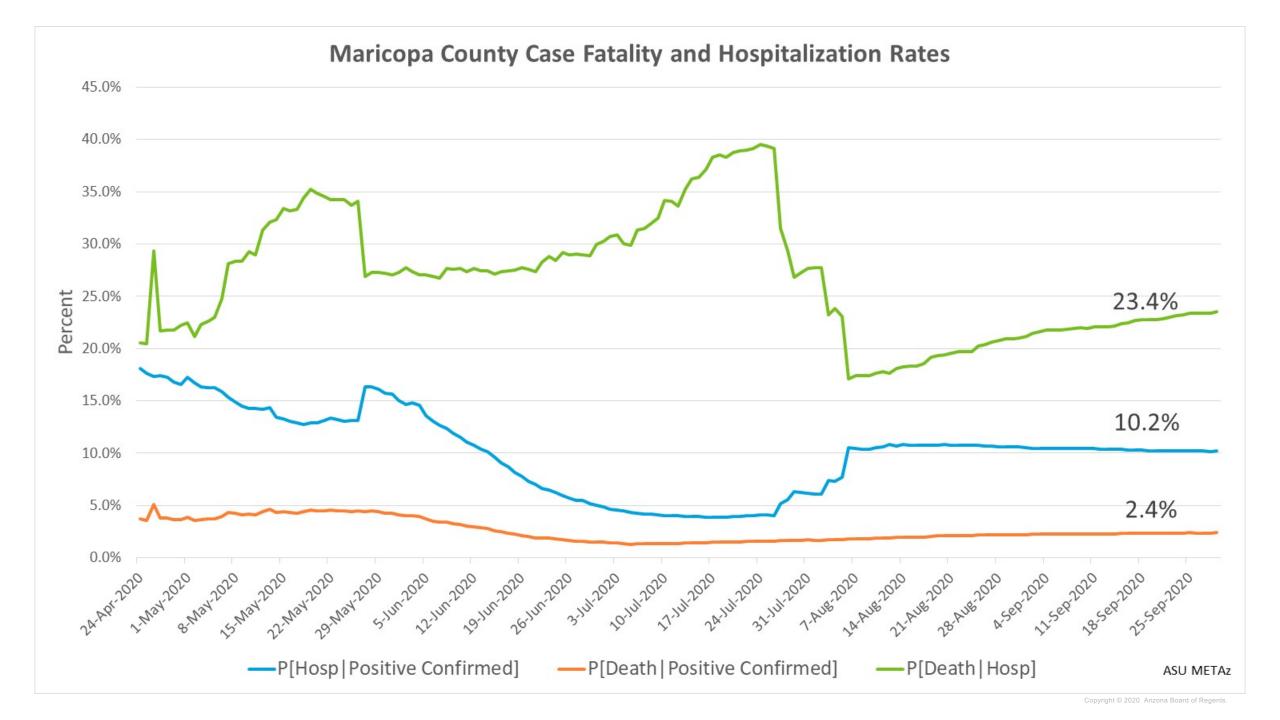










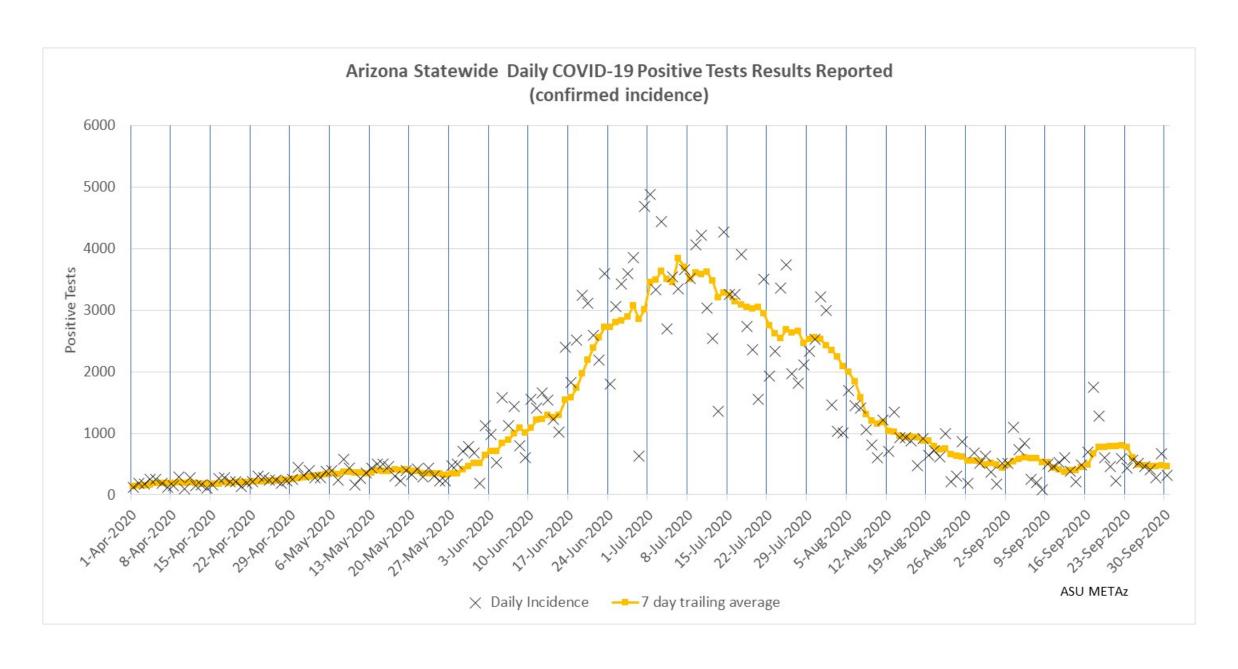


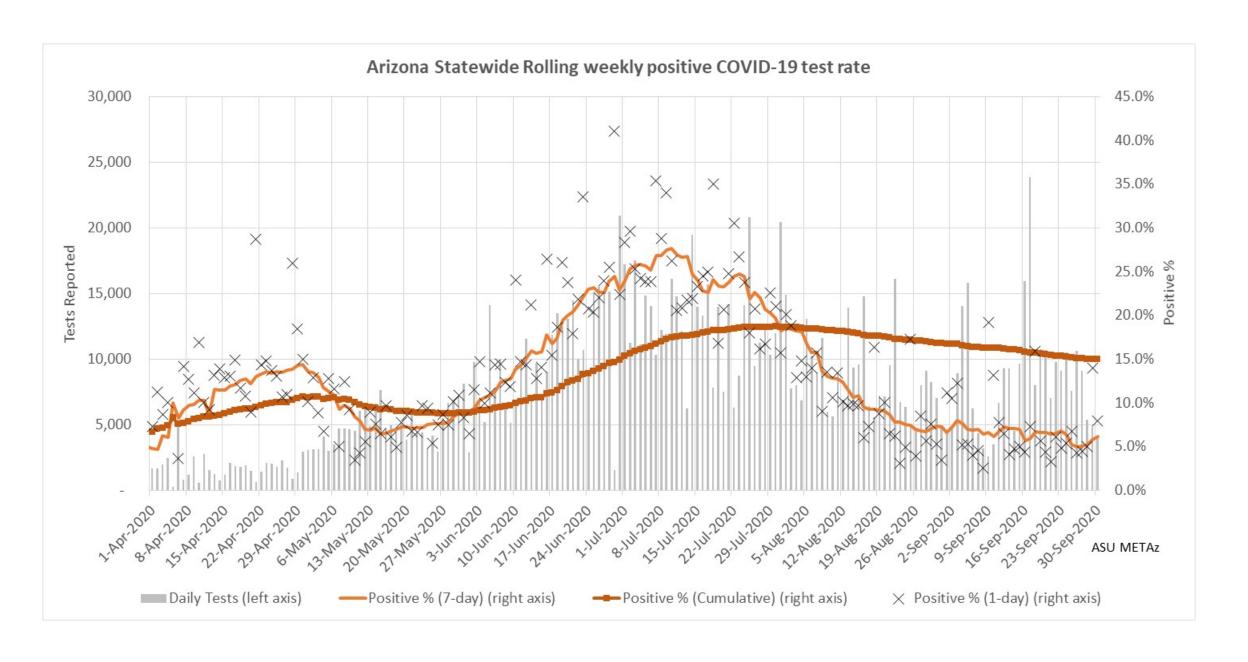
Arizona Statewide Analysis

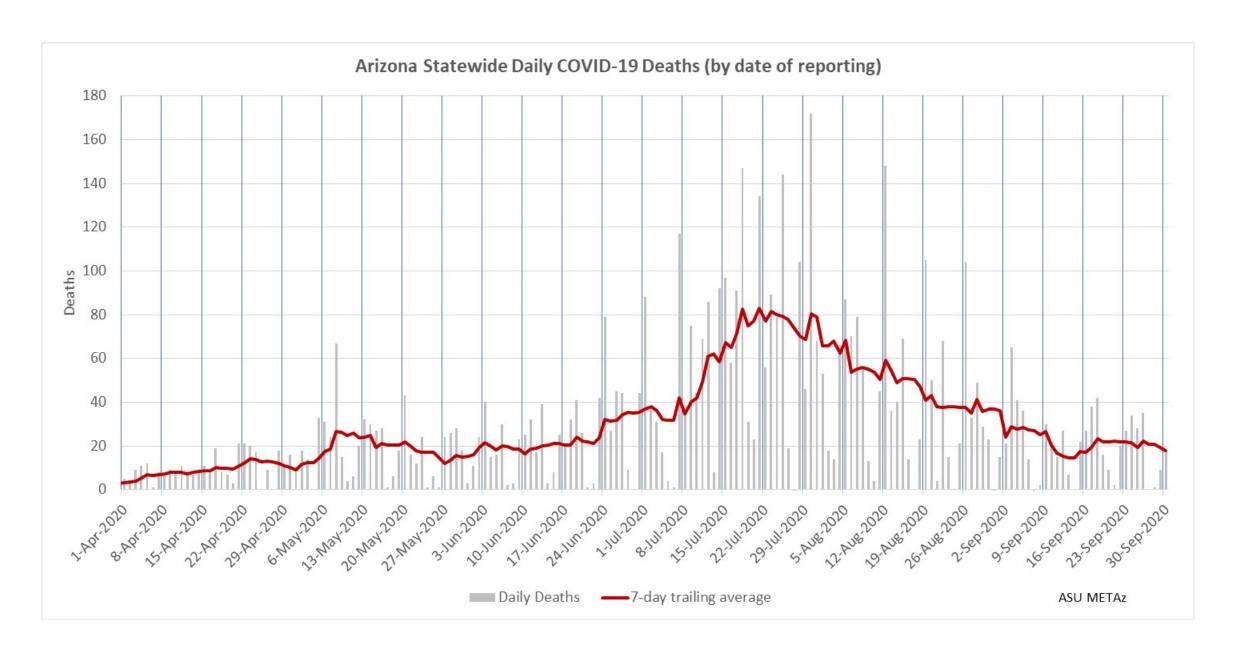


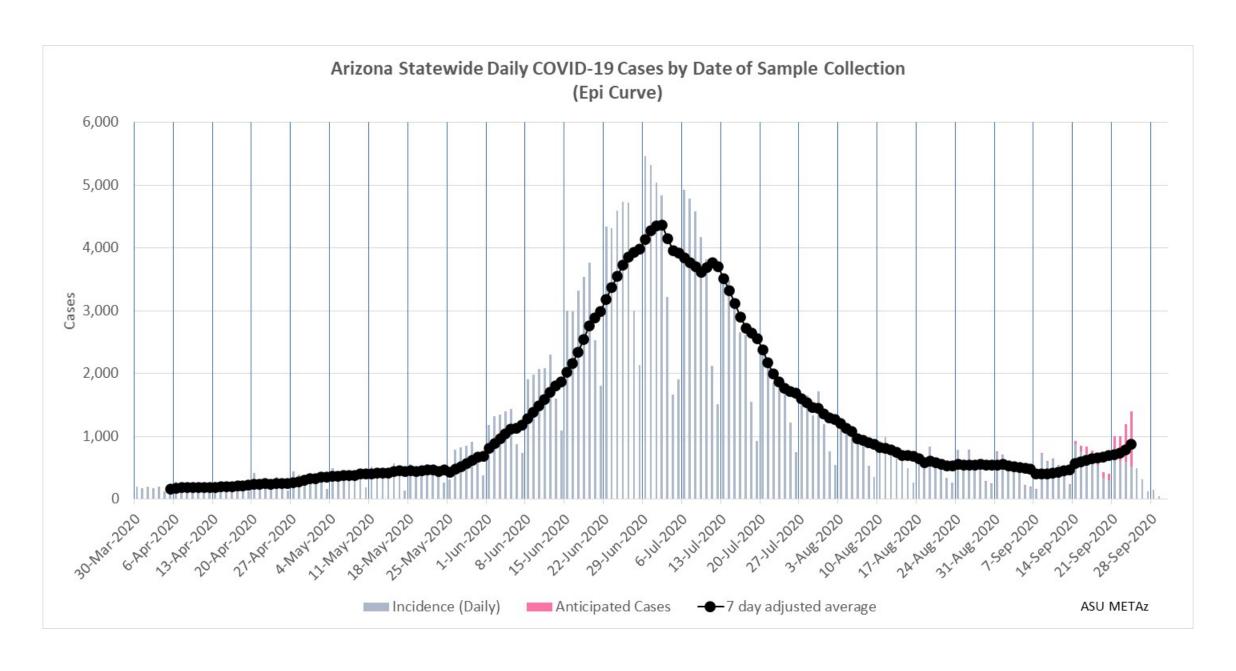
Epidemiology

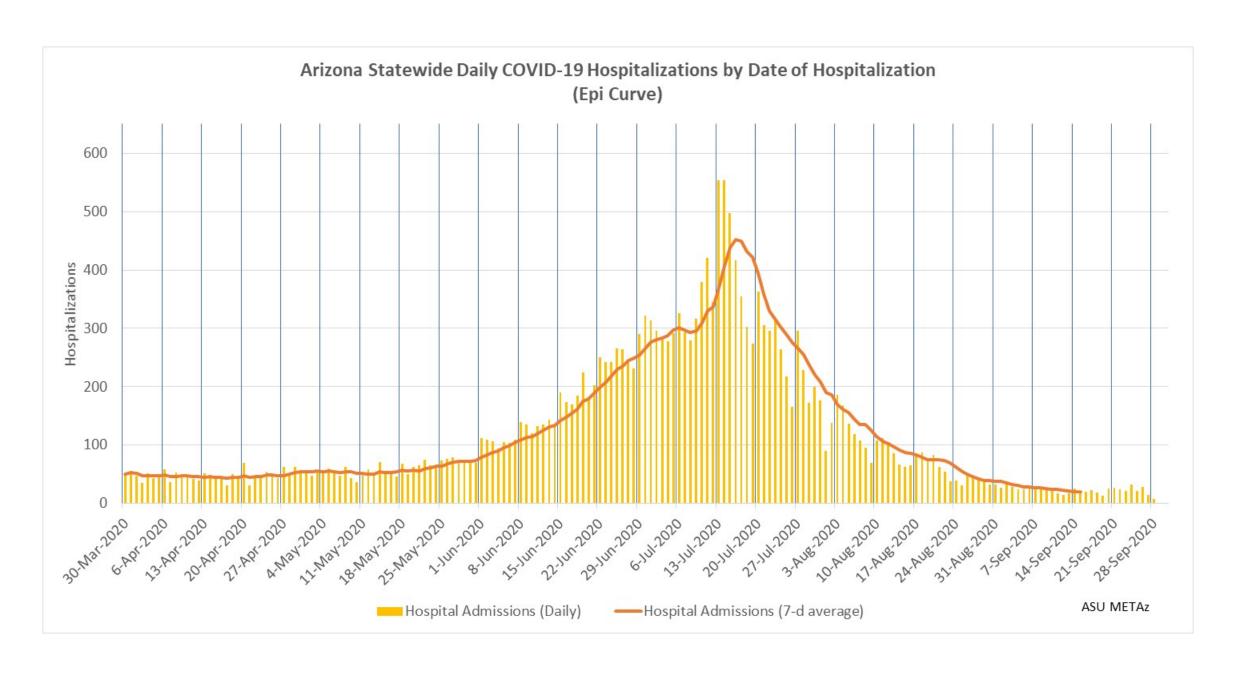


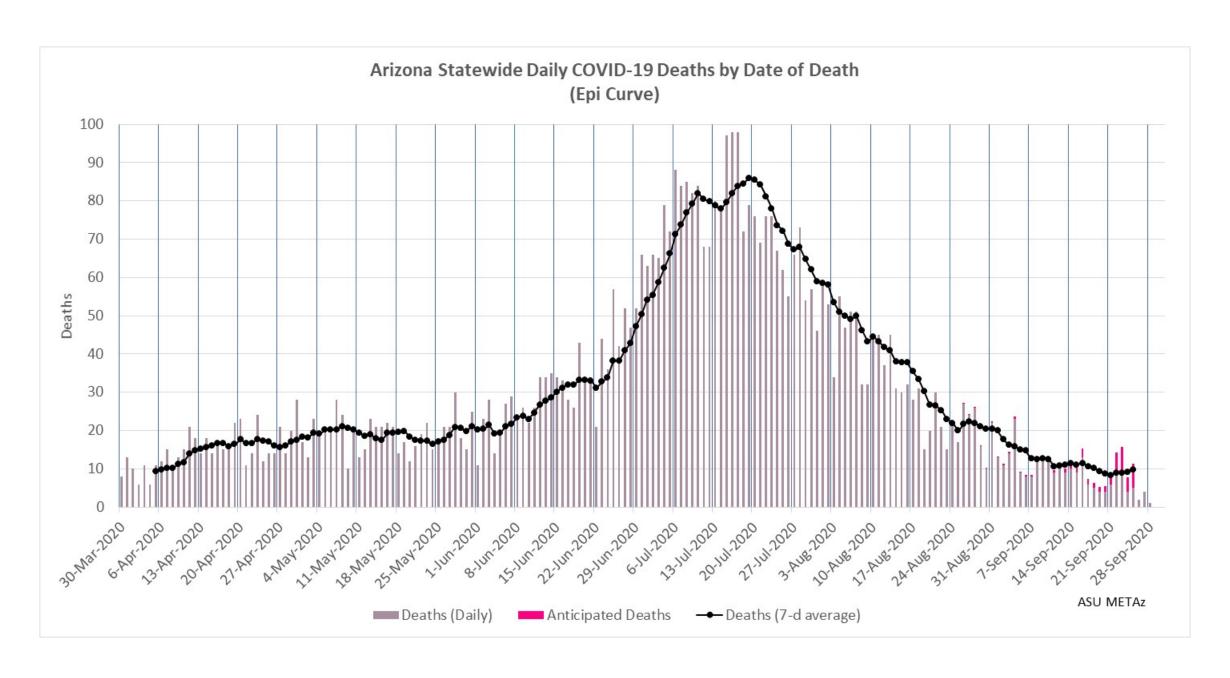


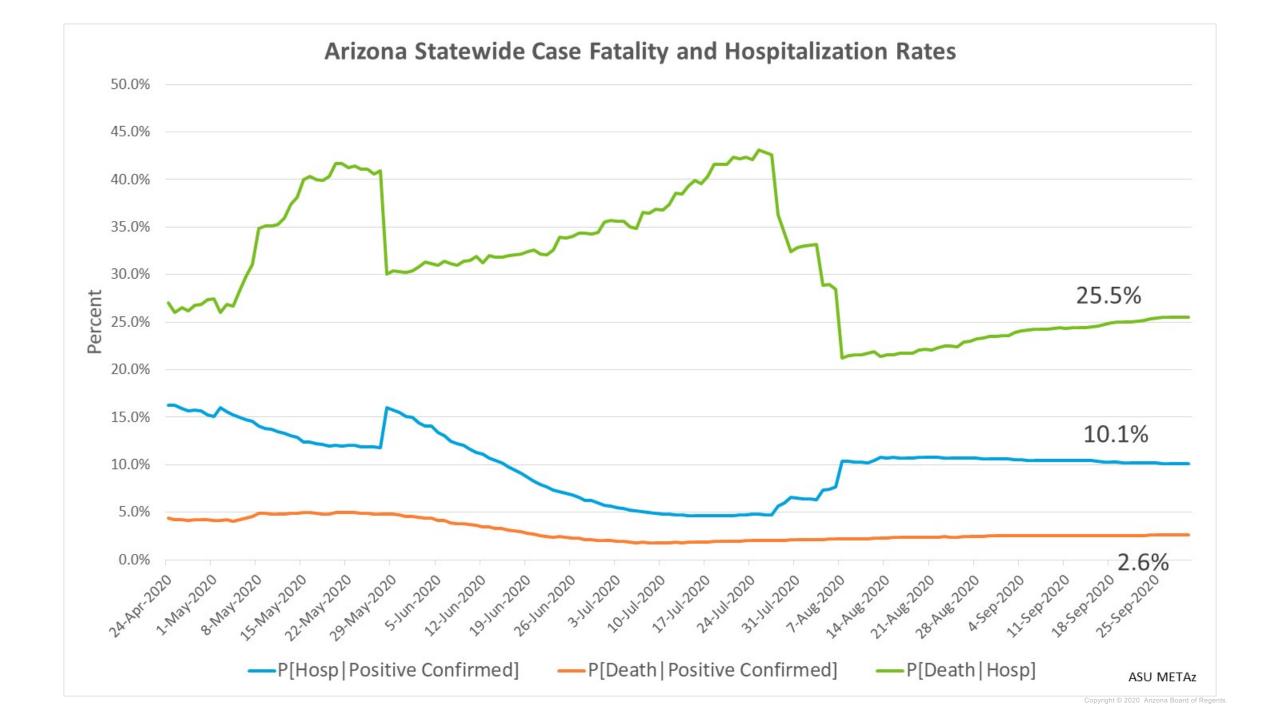






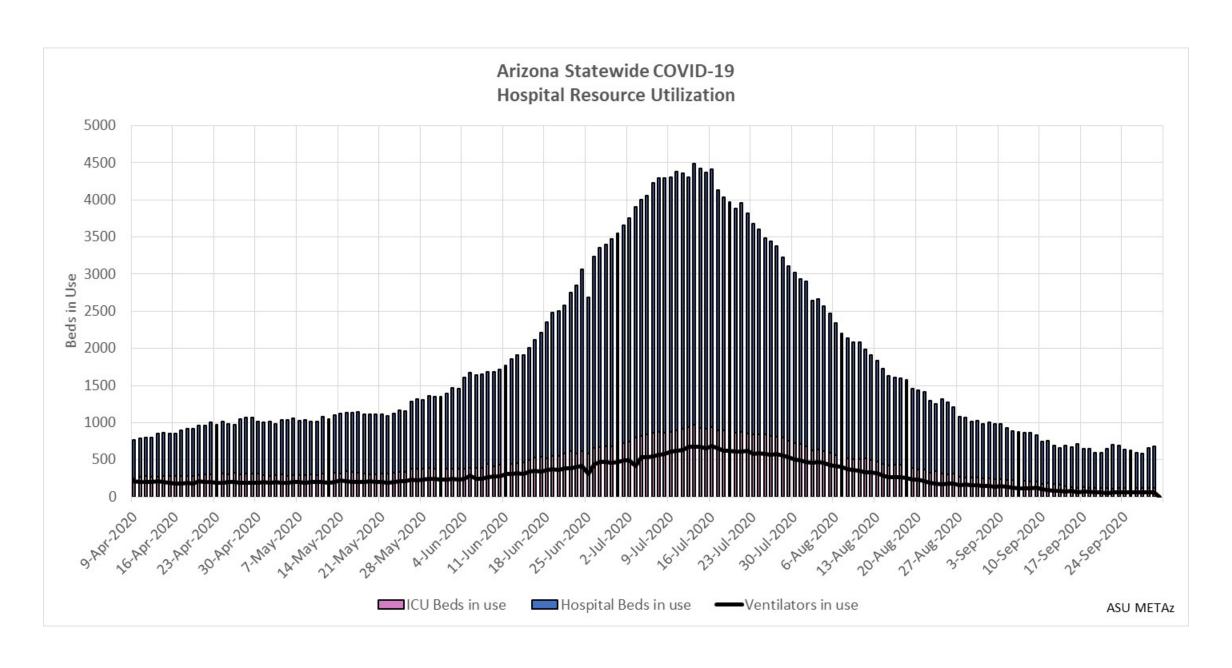


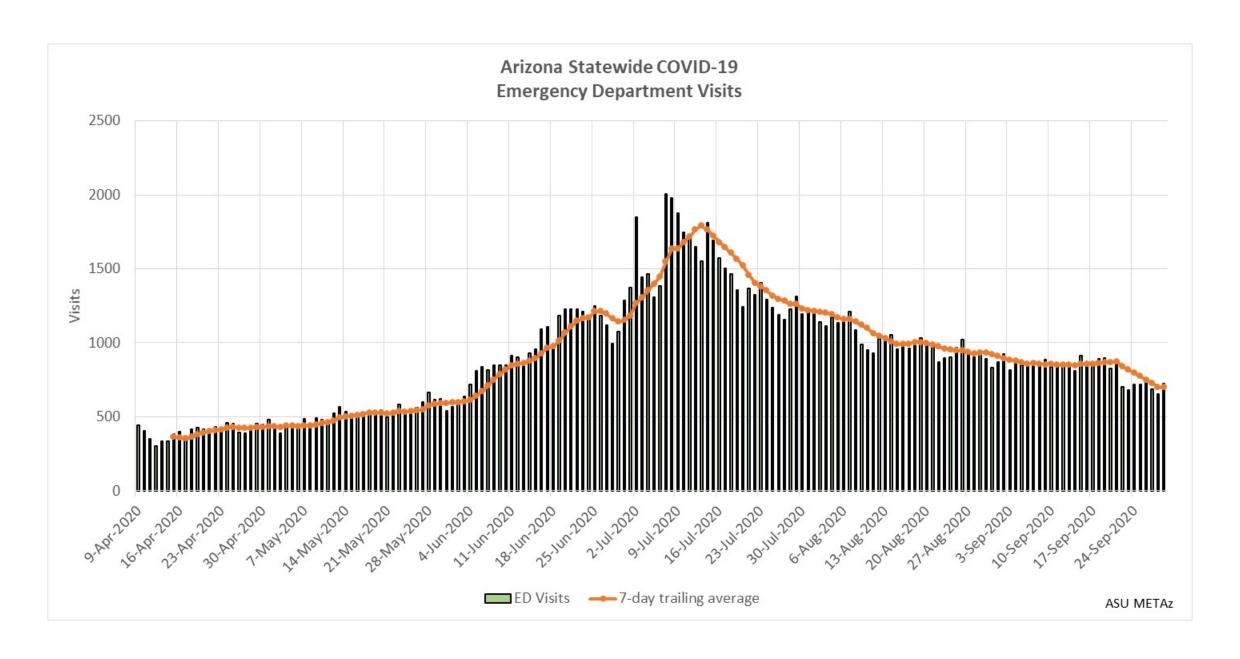


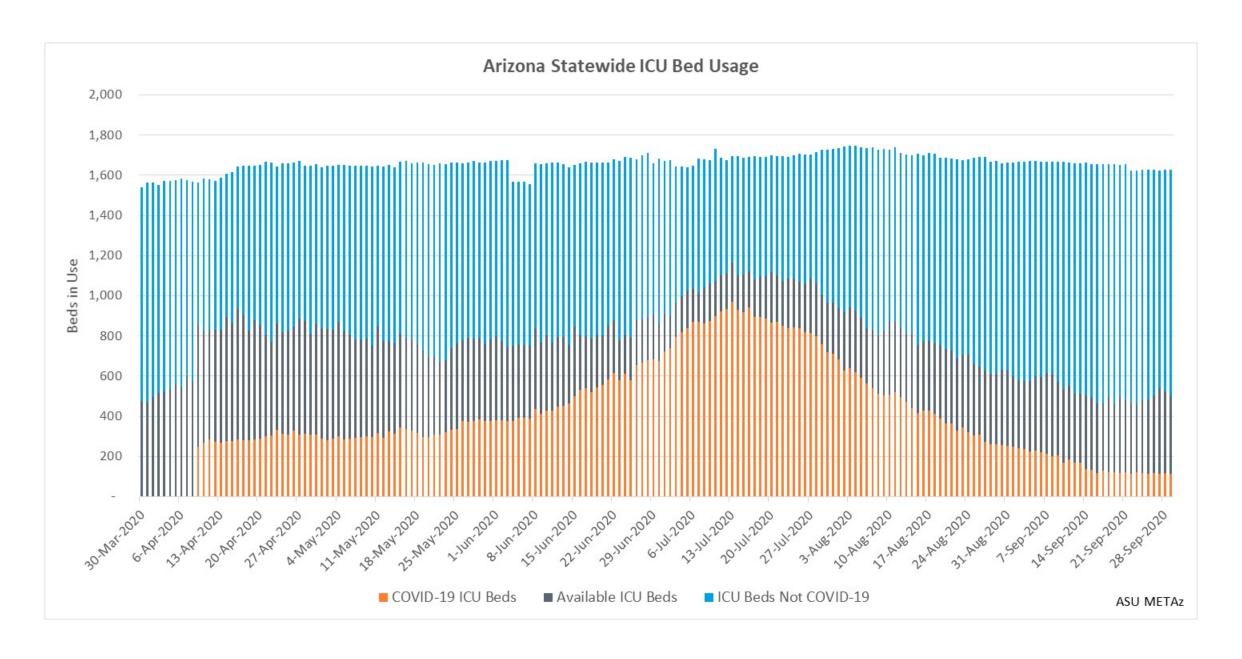


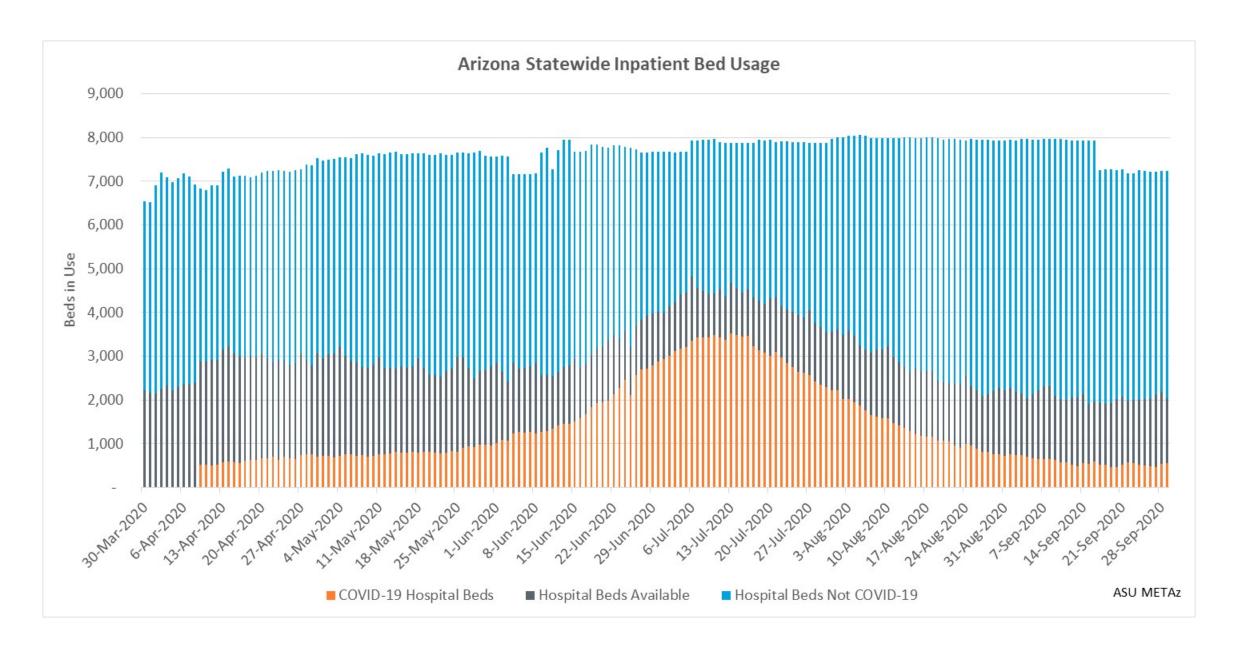
Hospital Usage

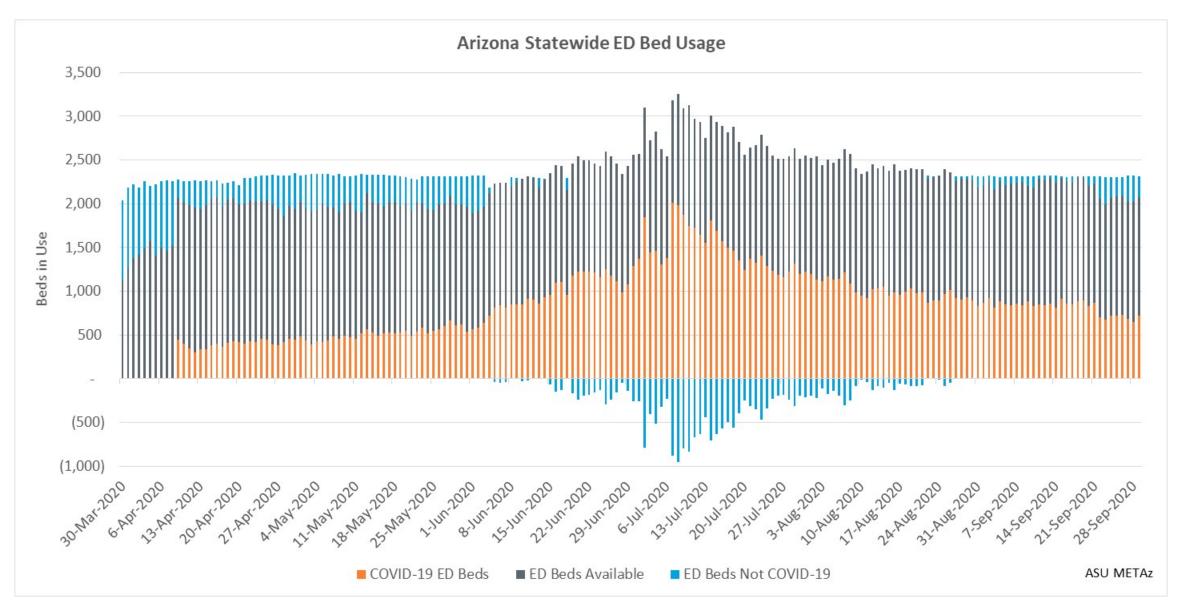












Where blue bars are below zero, COVID ED patients exceeded total reported ED bed usage