

COVID Epidemiology Situation Update

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December 14, 2020



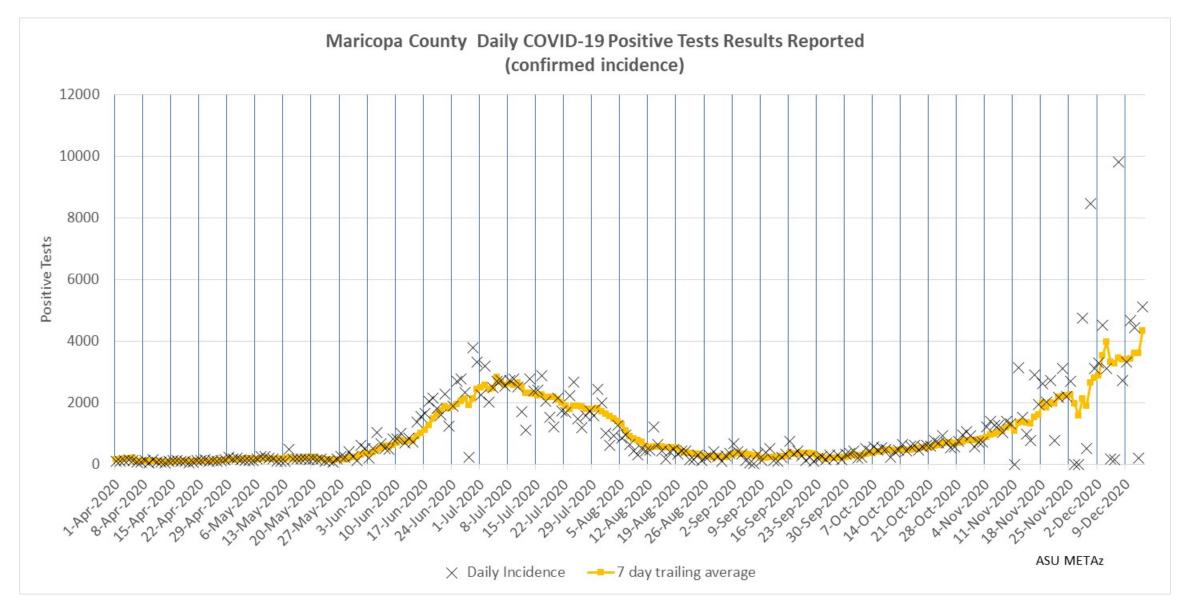
December 14, 2020				
	Statewide		Maricopa	
	Reported Today	Cumulative	Reported Today	Cumulative
Cases	11,806	420,248	6,975	260,661
PCR Tests	18,526	<mark>2,</mark> 531,222	10,203	1,498,209
% Positive	<mark>63.7%</mark>	16.6%	<mark>68.4</mark> %	12.3%
Hospitalizations	193	31,142	178	19,177
Deaths	1	7,358	0	4,353
All data pulled from azdhs.gov. Numbers may not match Maricopa county data.				

- Today's statewide case count is 11,806 with 6,975 cases (59%) in Maricopa County, roughly equivalent to population distribution. The 7-day average for reported cases continues to increase and is now 7,772.
- The epi curve continues to increase in Maricopa County and statewide with continued exponential growth exceeding the previous wave in Arizona. Peak cases by incident date are 8,013 on 12/7.
- Due to significant irregularities in ADHS data reporting patterns that reduce the reliability of day-to-day positivity data, 7-day average positivity is more reliable; it has been above 30% for nearly a week and is now above 35% for the first time ever, indicating sustained and uncontrolled spread statewide.
- Hospital utilization continues to increase with remaining bed capacity lower than at any time since the start of the pandemic. Bed usage for COVID-19 is at 43% of inpatient beds (highest number of beds at any point during the pandemic) and 47% of ICU beds statewide (a drop of 10 ICU beds from the prior day). Current hospital utilization is 91% for inpatient beds and 91% for ICU beds including COVID and non-COVID utilization. ED visits for COVID remain at high levels similar to the peak of the first wave in June/July. Hospitals are experiencing shortages in bed space and staff.

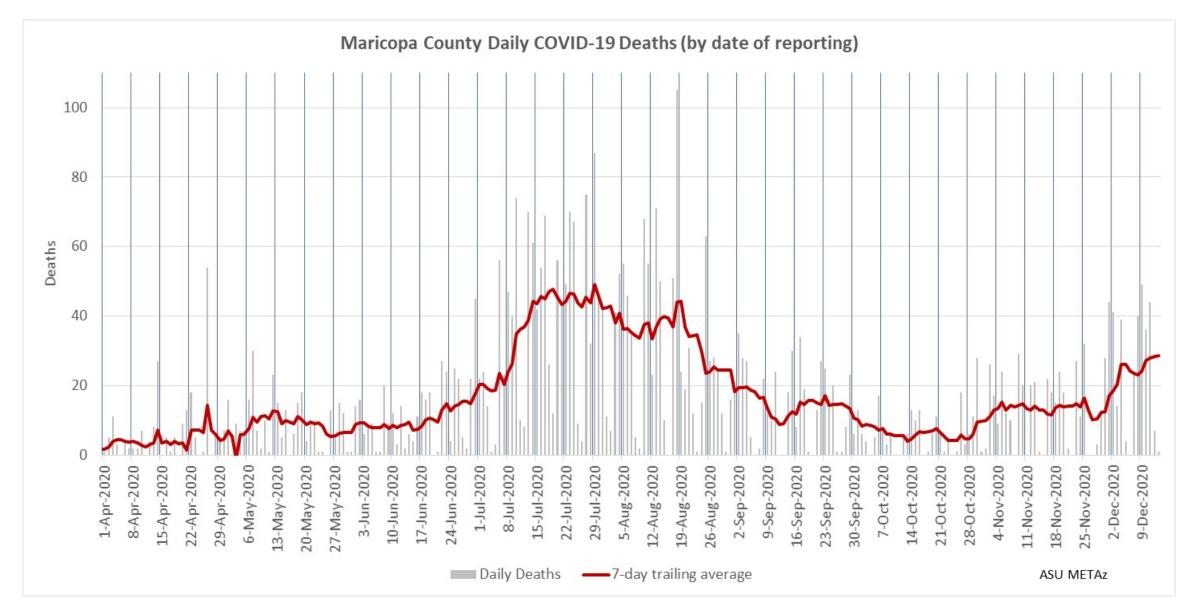
Maricopa County Analysis



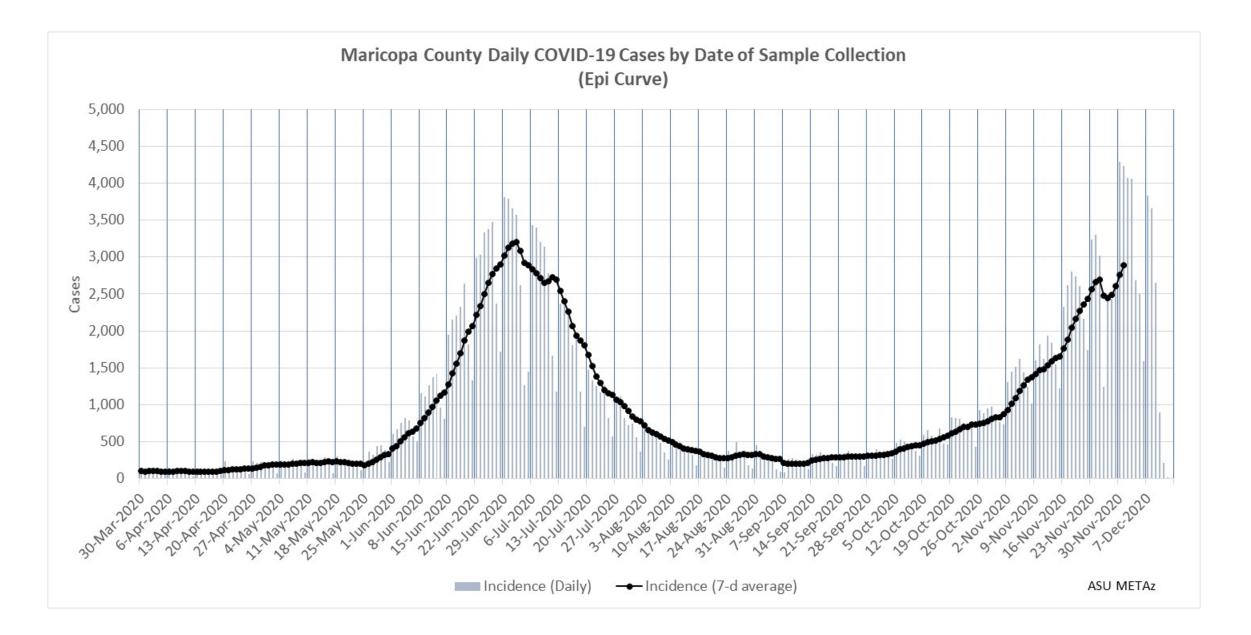
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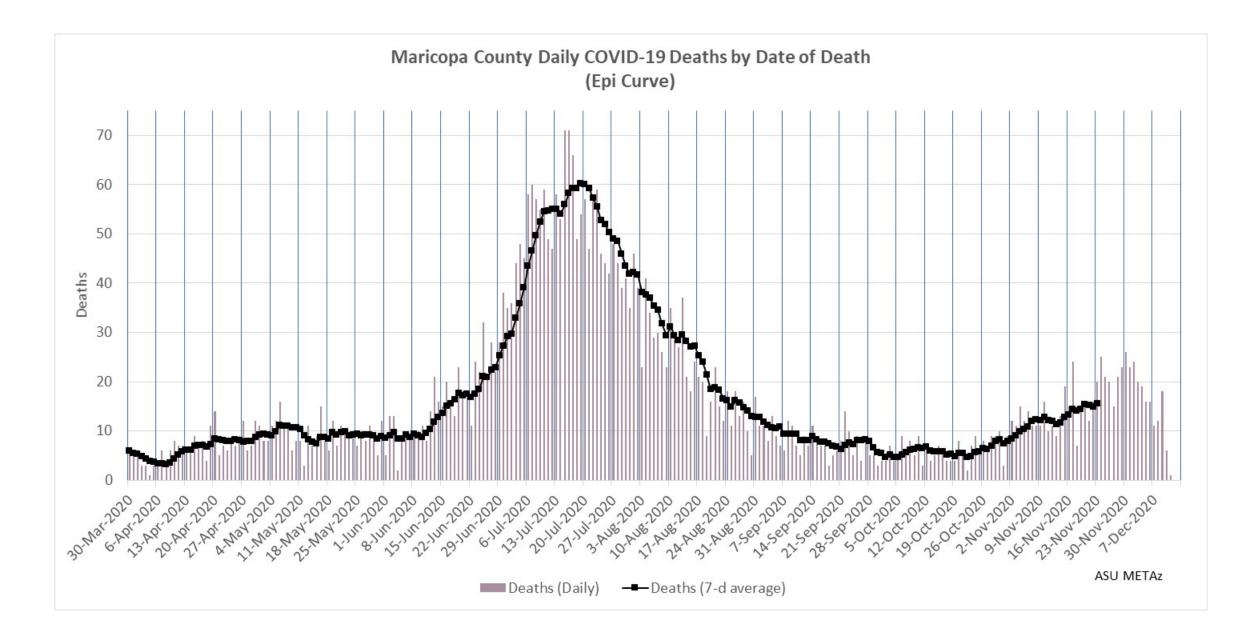


Due to the holiday, 2 days of data were held (Nov 26 & 27) and reported on Nov 28.



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Arizona Statewide Analysis

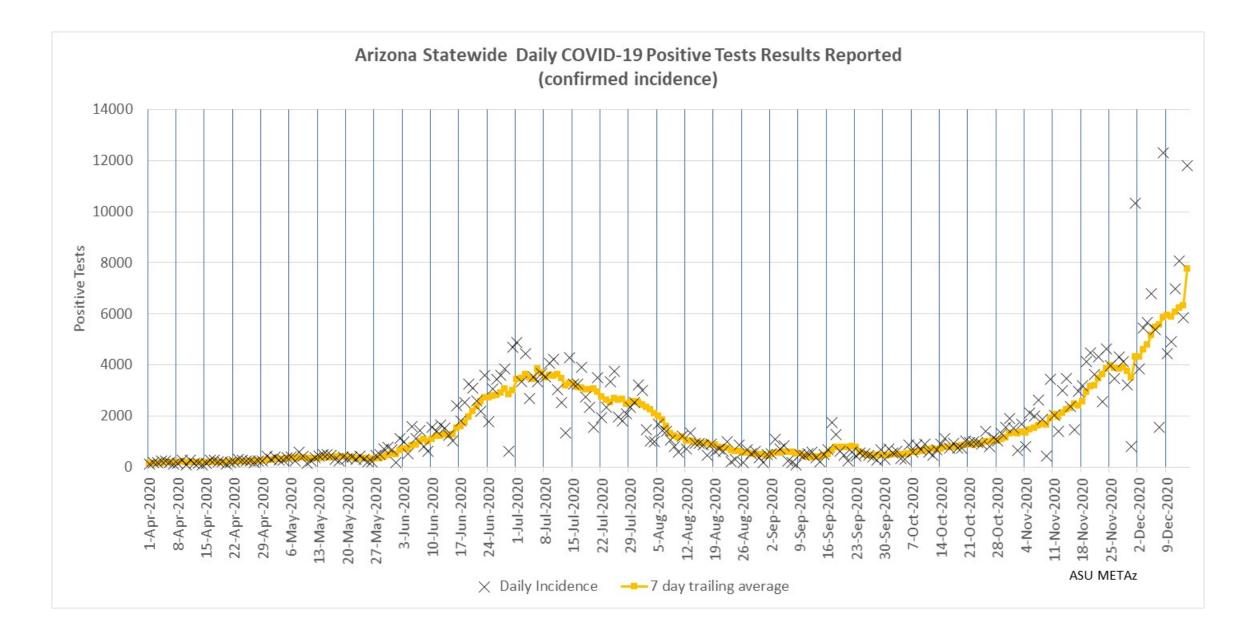


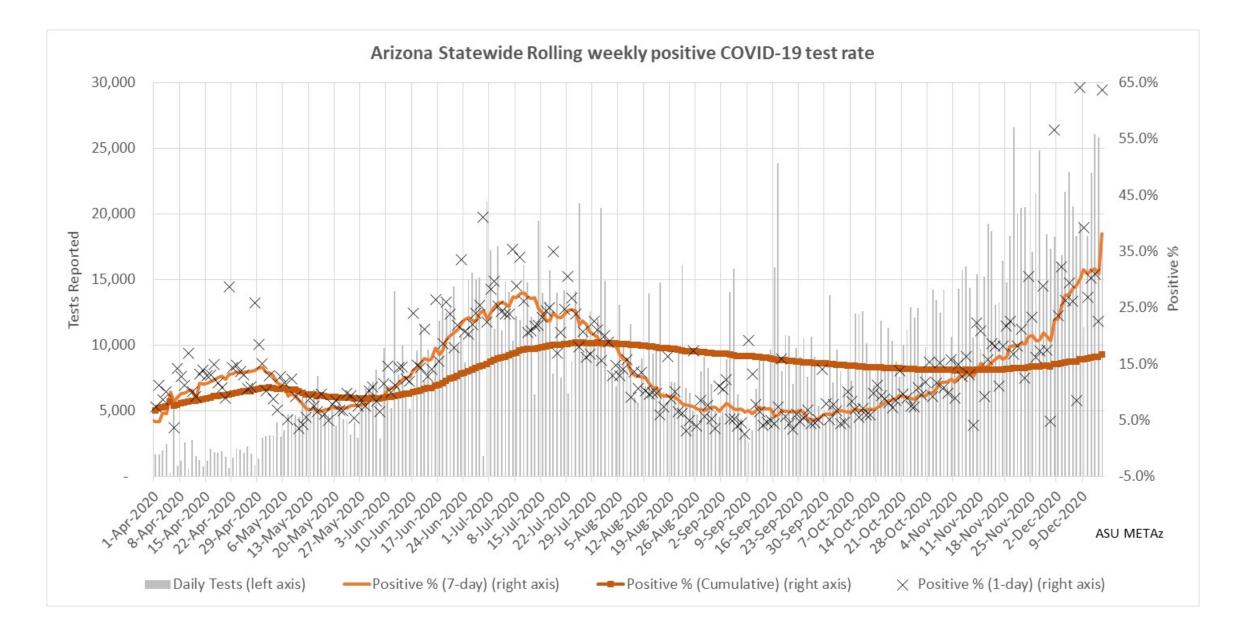
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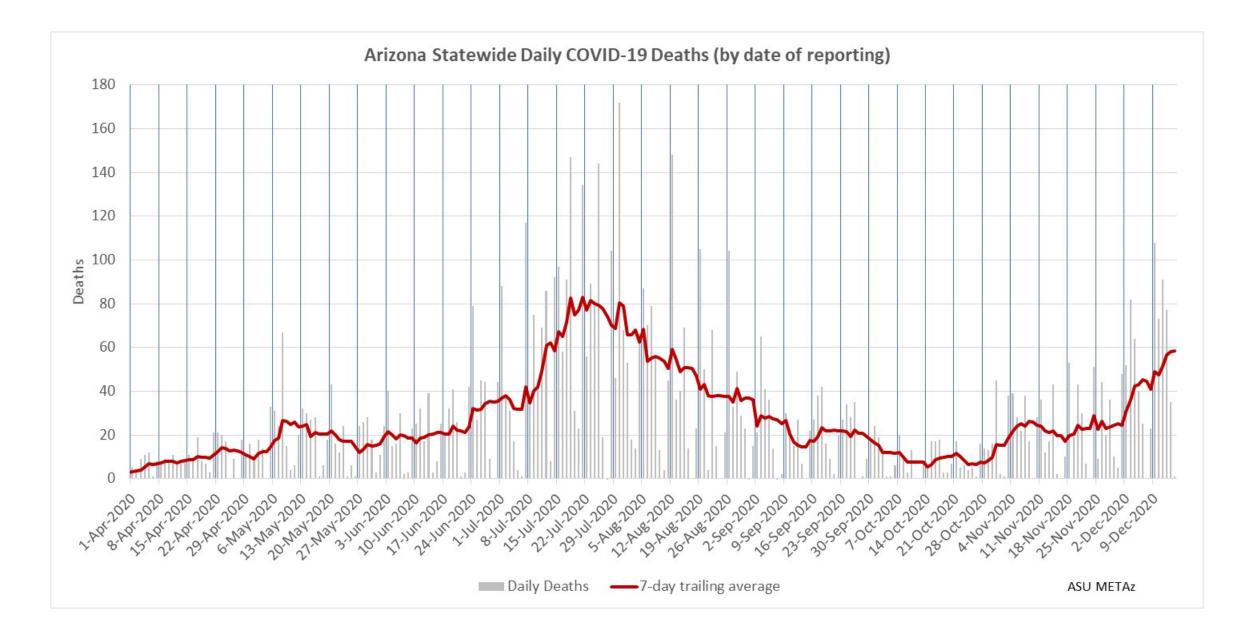
Epidemiology

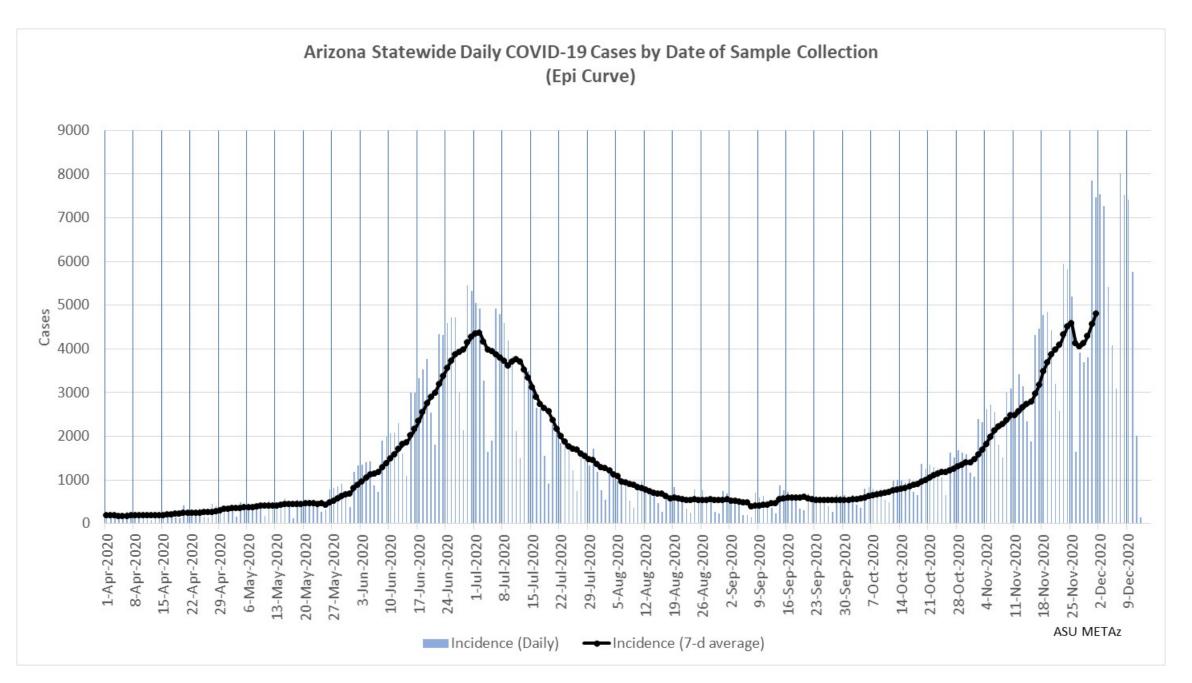


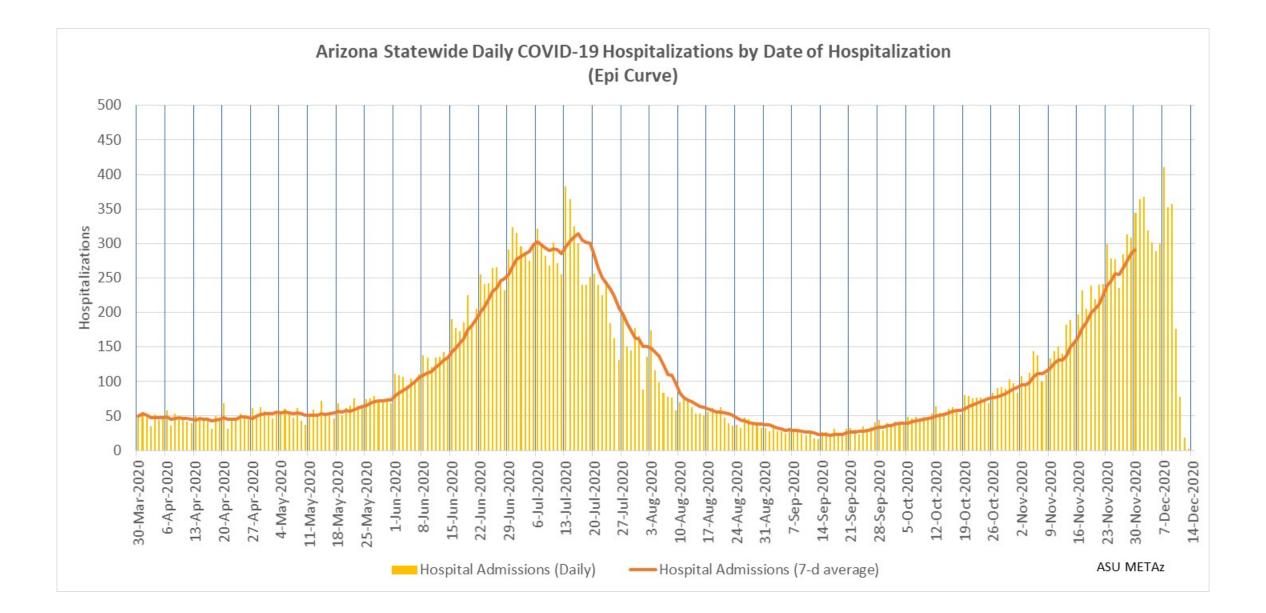
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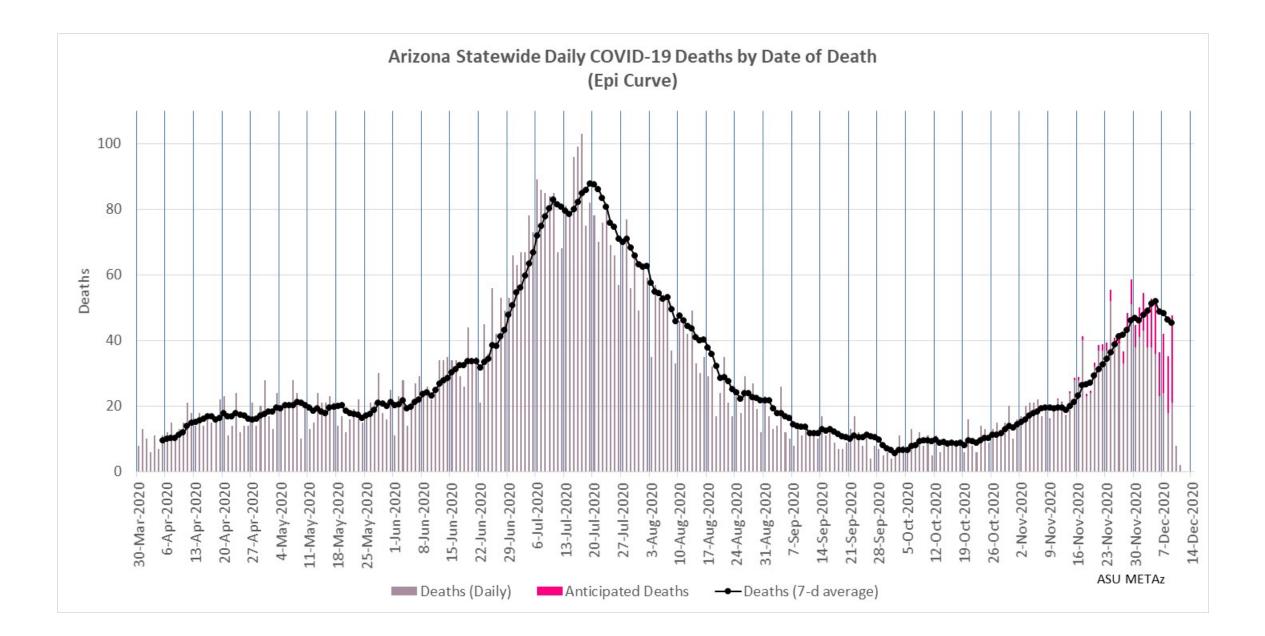


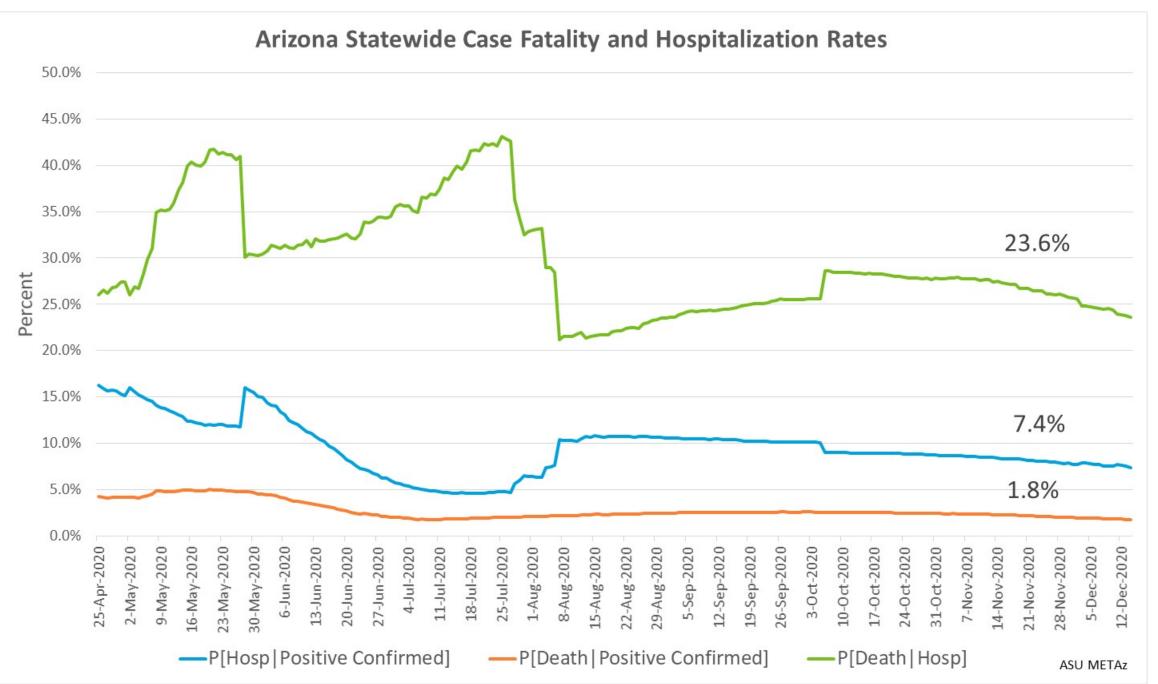








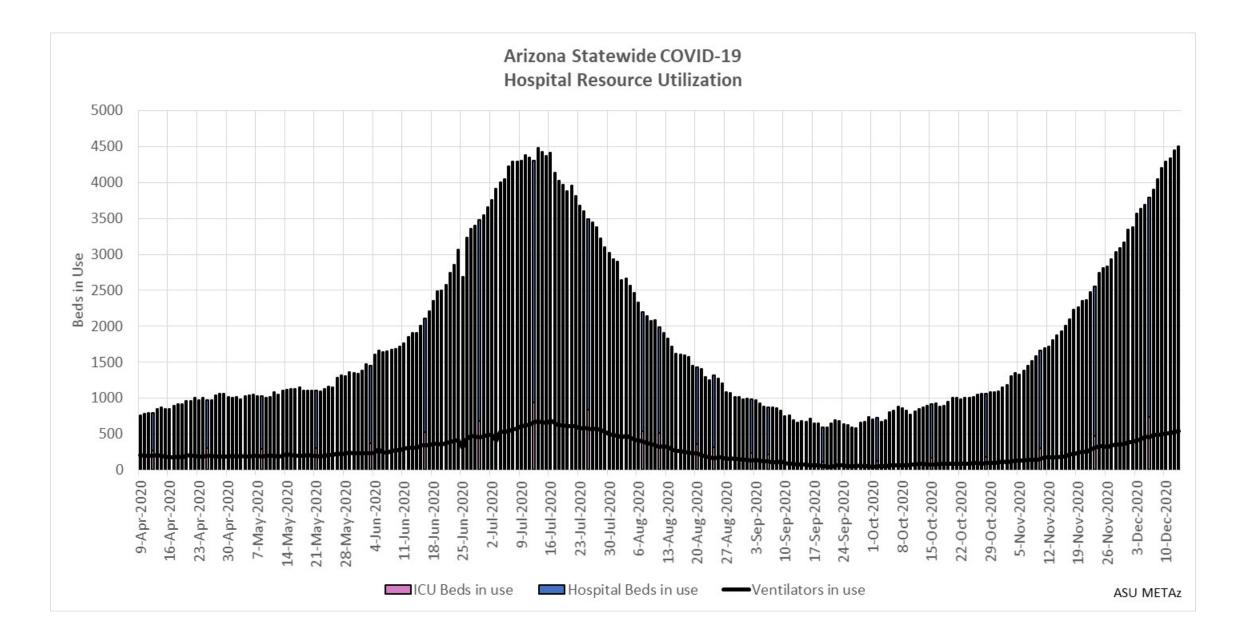


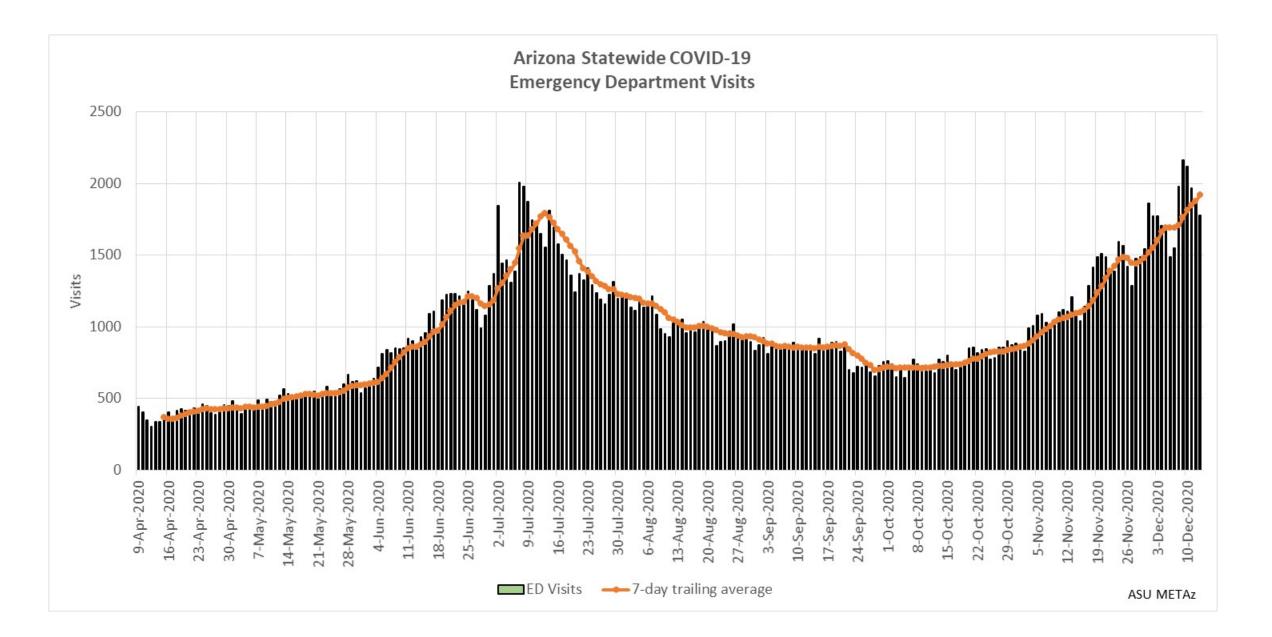


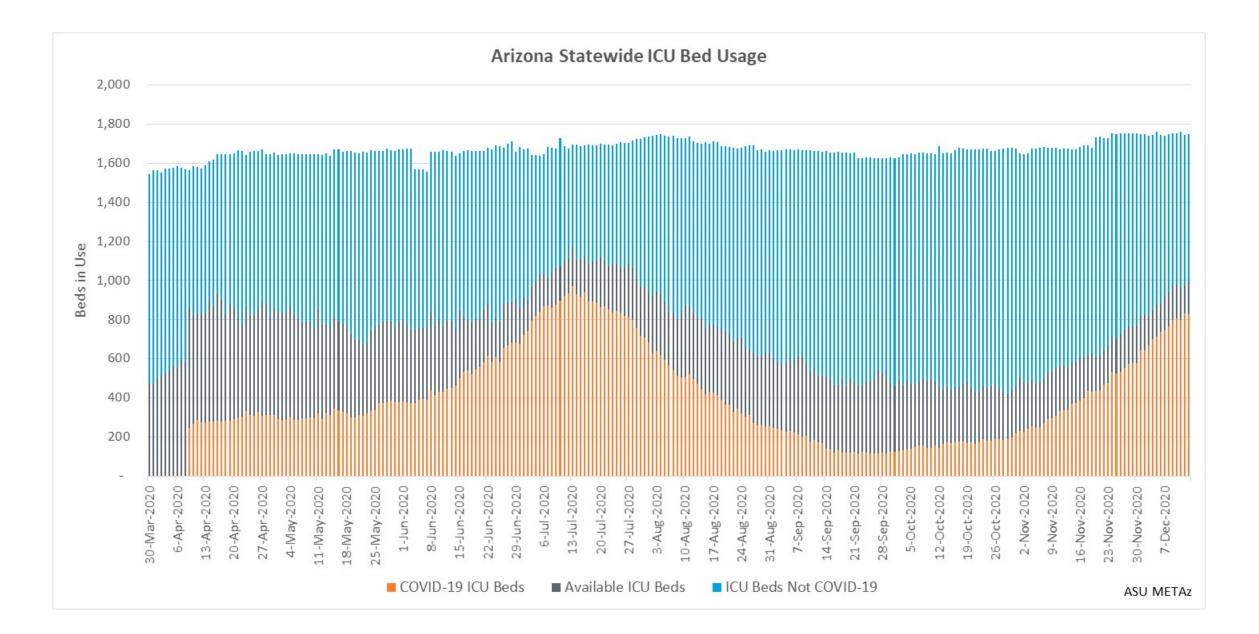
Hospital Usage

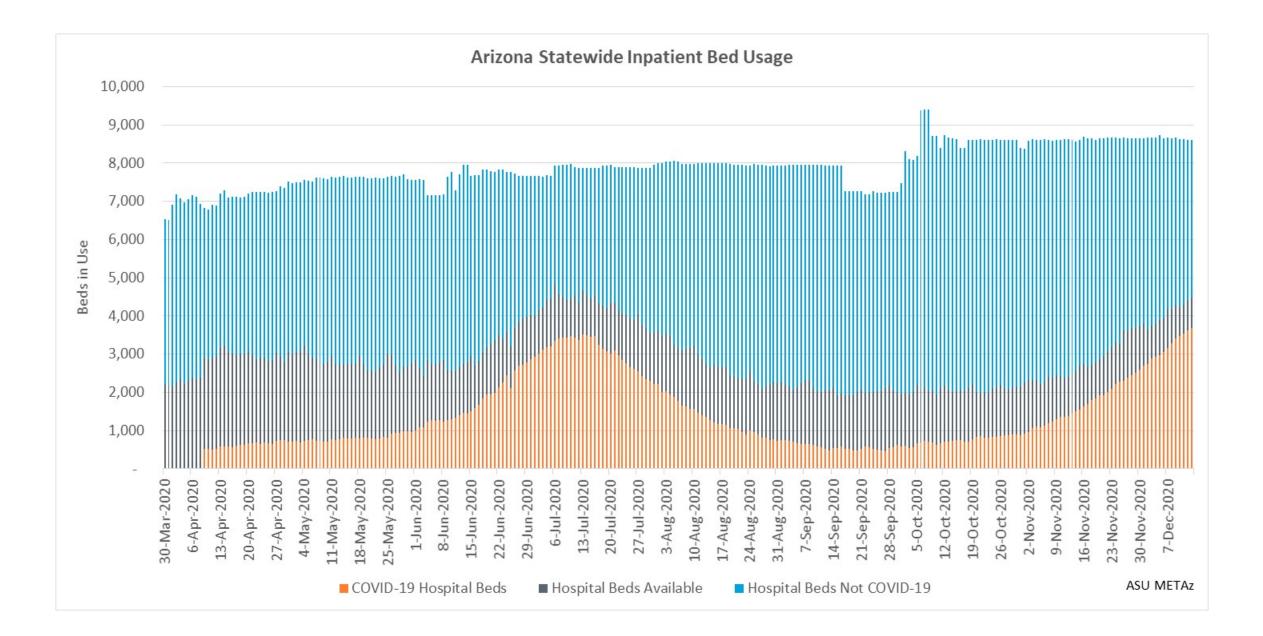


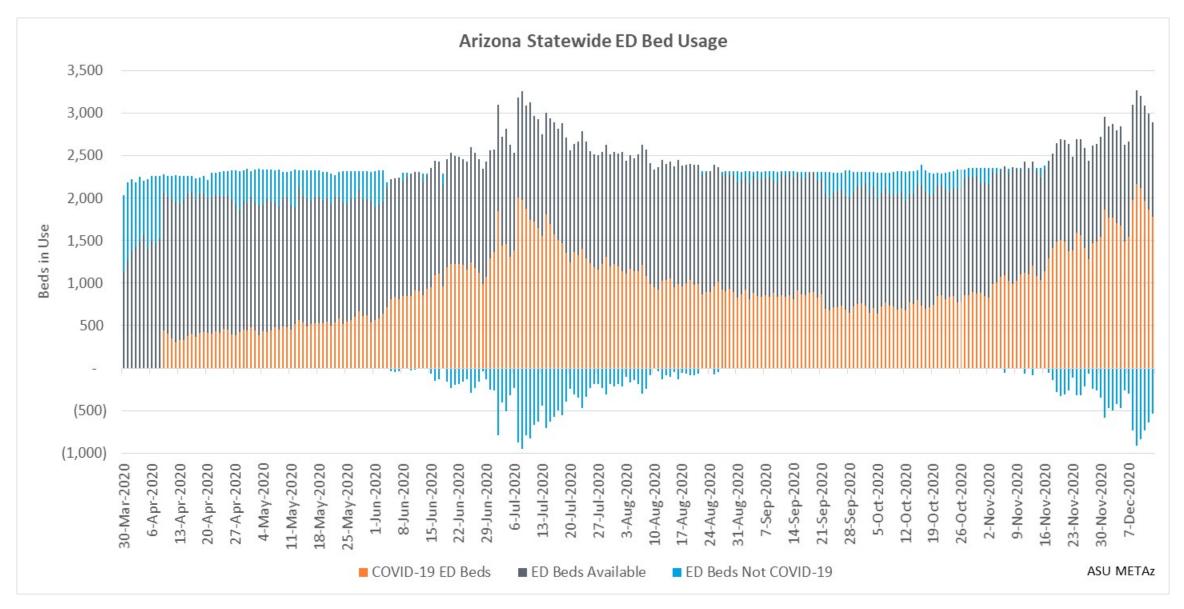
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Where blue bars are below zero, COVID ED patients exceeded total reported ED bed usage