



COVID Epidemiology Situation Update

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November 5, 2020

Summary

November 5, 2020				
	Statewide		Maricopa	
	Reported Today	Cumulative	Reported Today	Cumulative
Cases	2,135	252,768	1,370	162,958
PCR Tests	14,303	1,826,629	8572	1,076,610
% Positive	14.9%	13.8%	16.0%	11.2%
Hospitalizations	45	21,831	14	13,598
Deaths	28	6,087	14	3,672

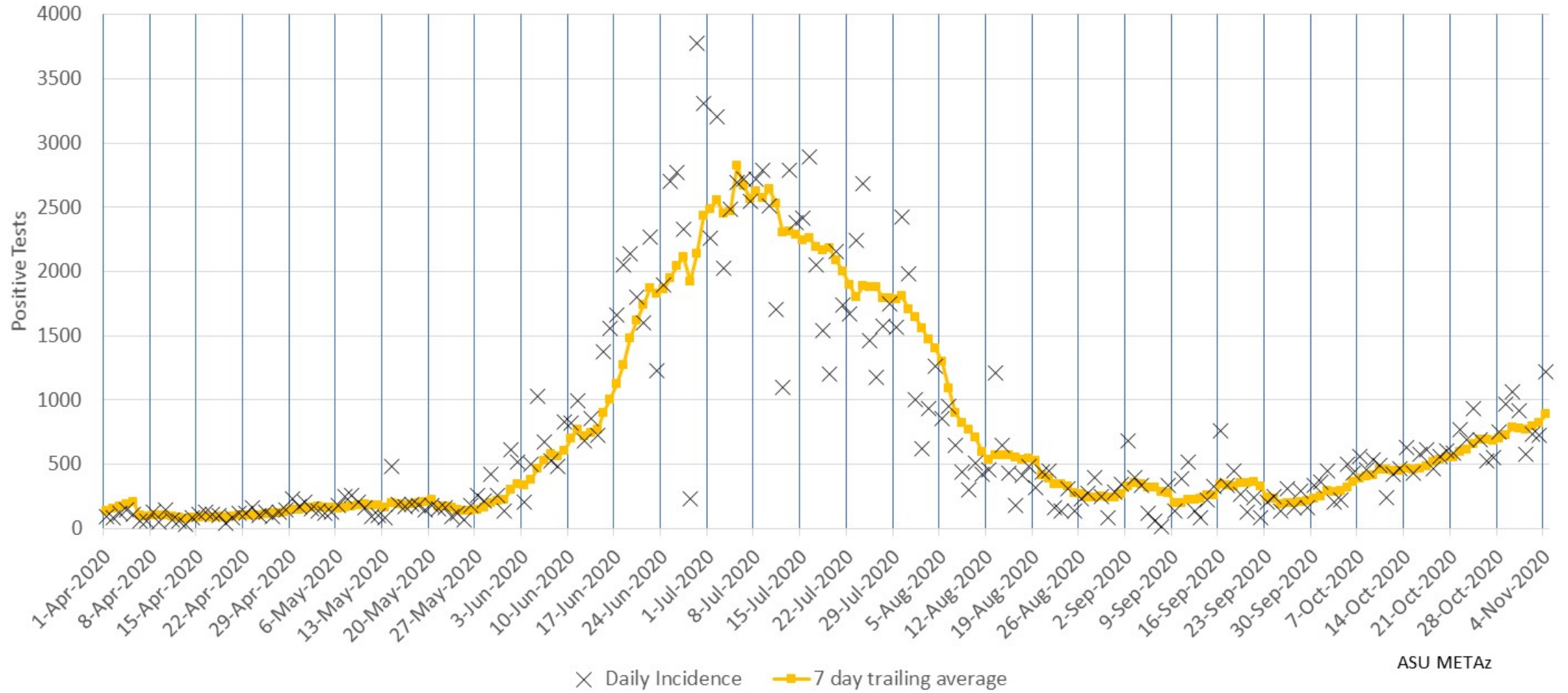
All data pulled from azdhs.gov. Numbers may not match Maricopa county data.

- Today's statewide case count is 2,135, with 1370 cases (64%) in Maricopa County, similar to population distribution. The 7-day average for reported cases is now 1469. The last day above 2000 was August 1.
- The epi curve continues to increase in Maricopa County and statewide and remains concerning for early phases of potential exponential growth.
- Percent positivity is 14.9% statewide and 16.0% in Maricopa County with moderate testing numbers. Significantly more testing is needed to characterize the extent of the current outbreak.
- Hospital utilization and ED visits continue to increase, with inpatient bed usage for COVID-19 at levels similar to mid June at the onset of exponential growth. There is no indication yet that hospital resources are at imminent risk of becoming overwhelmed.

Maricopa County Analysis

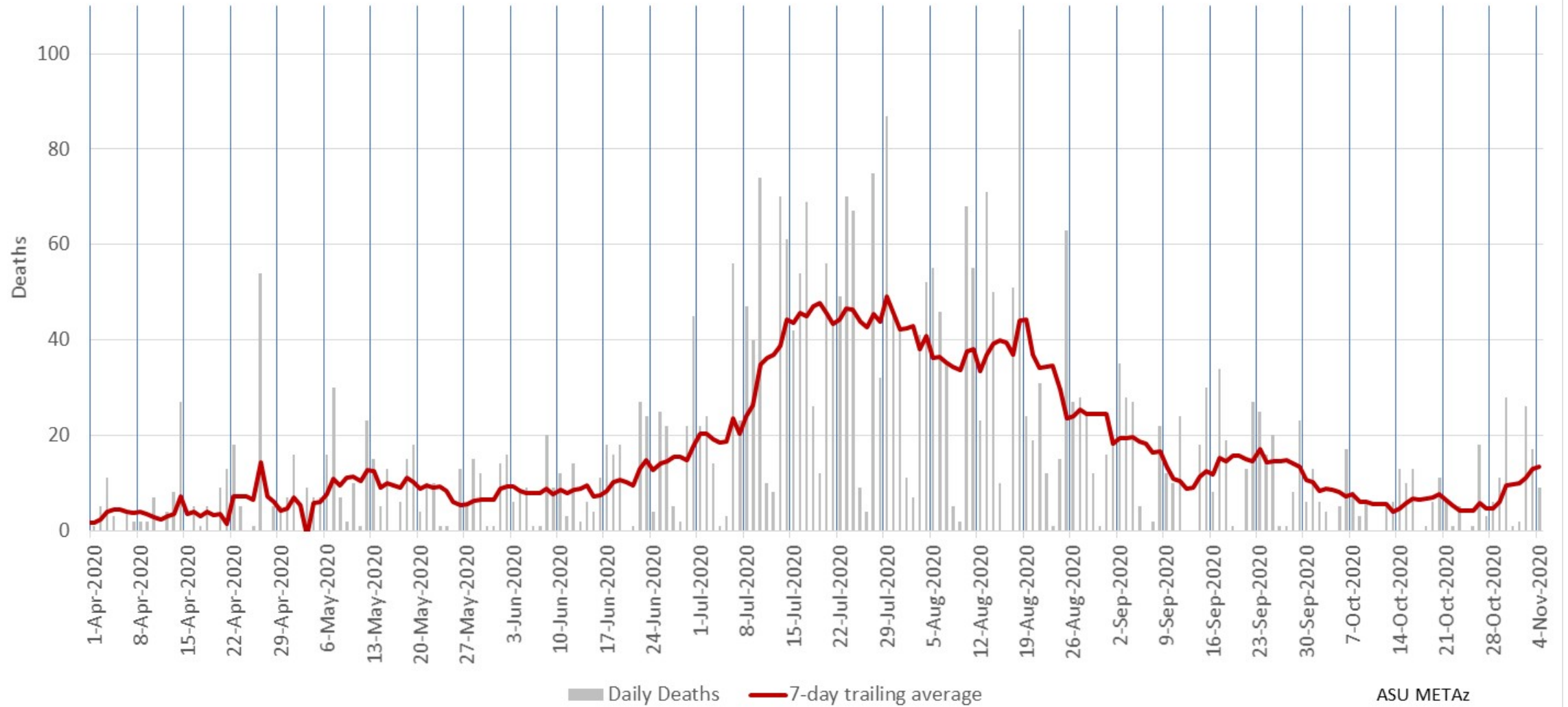


Maricopa County Daily COVID-19 Positive Tests Results Reported (confirmed incidence)



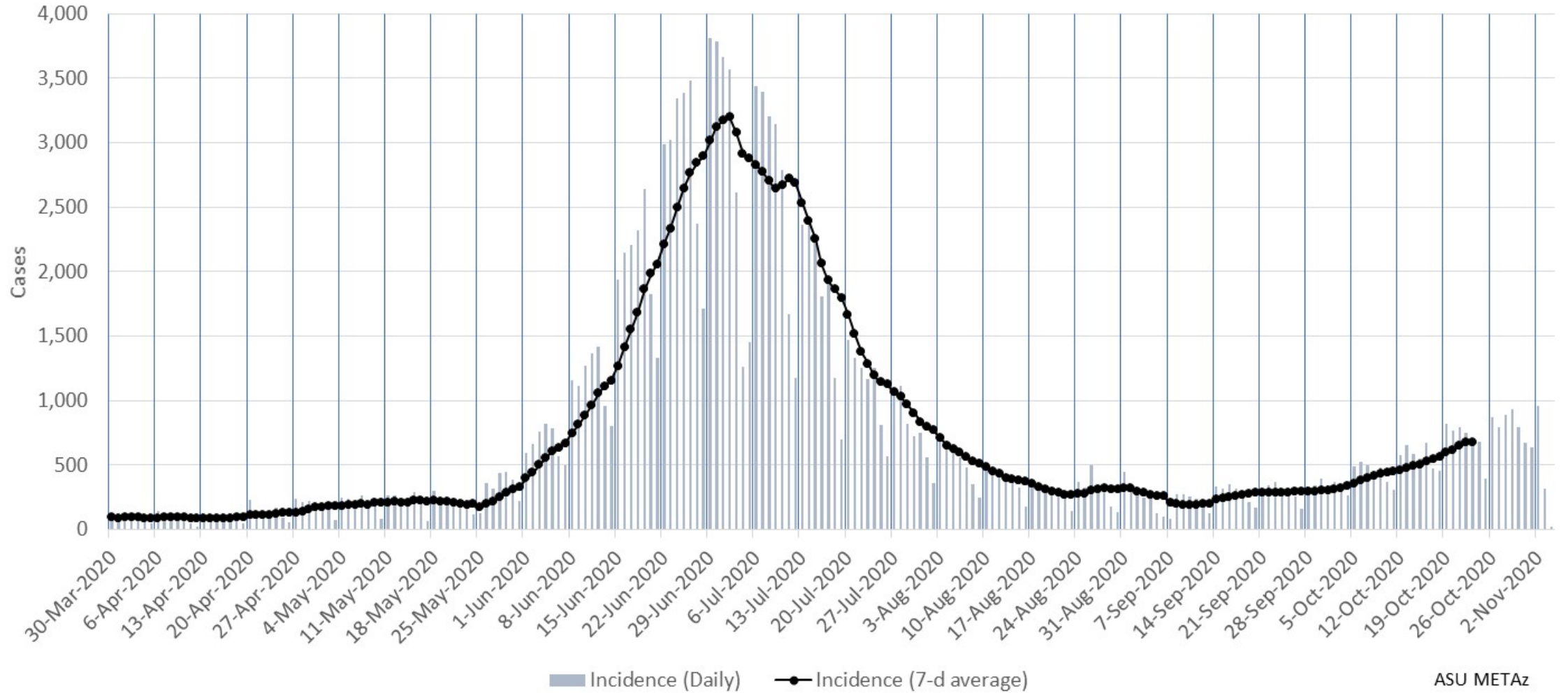
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Maricopa County Daily COVID-19 Deaths (by date of reporting)



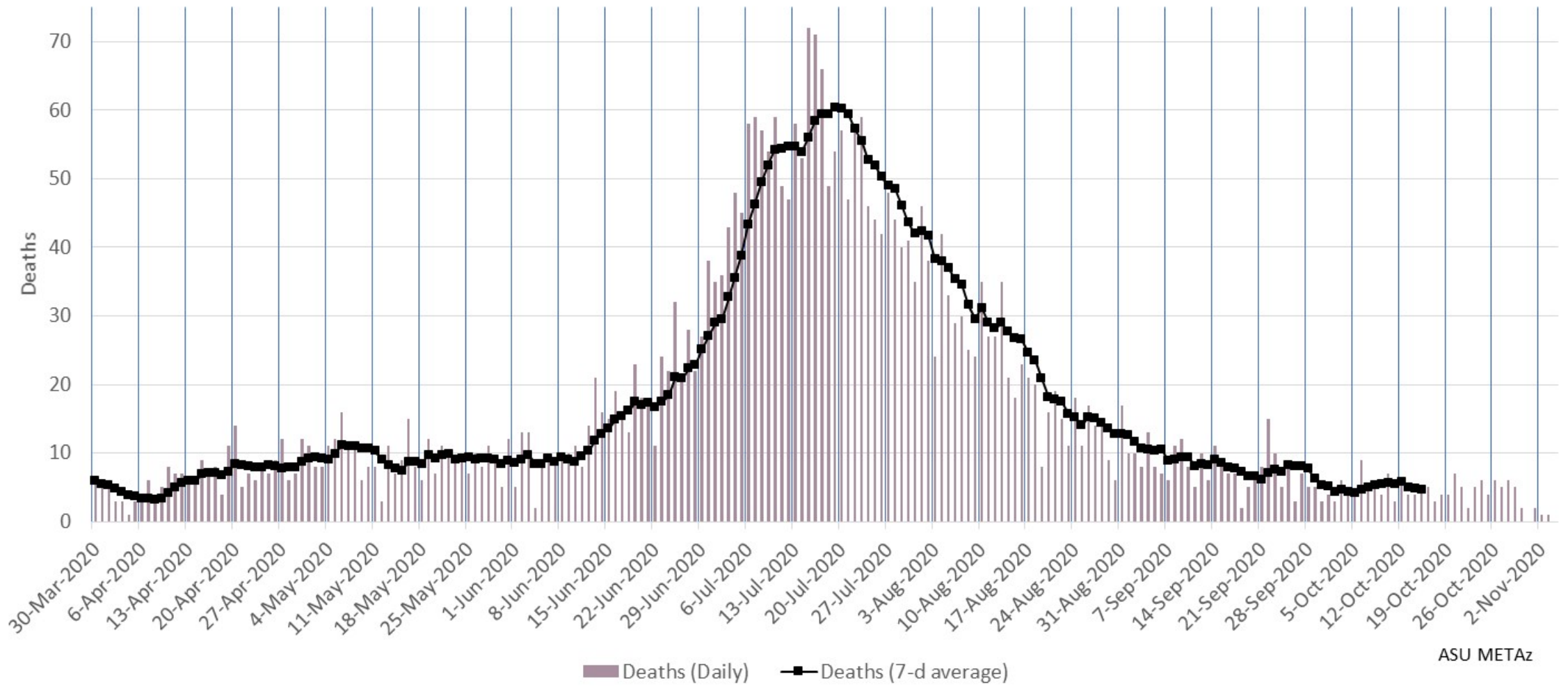
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Maricopa County Daily COVID-19 Cases by Date of Sample Collection (Epi Curve)



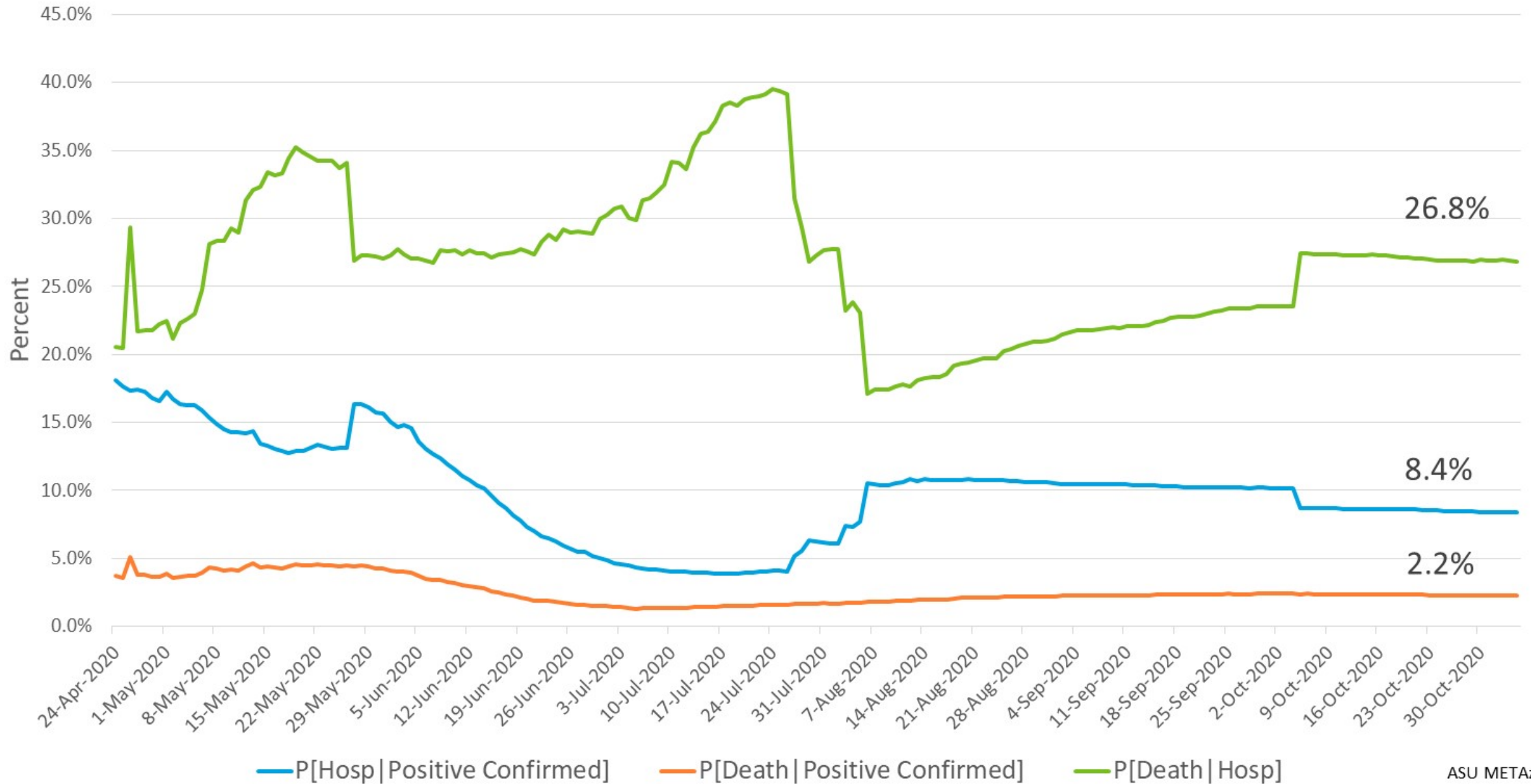
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Maricopa County Daily COVID-19 Deaths by Date of Death (Epi Curve)



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Maricopa County Case Fatality and Hospitalization Rates



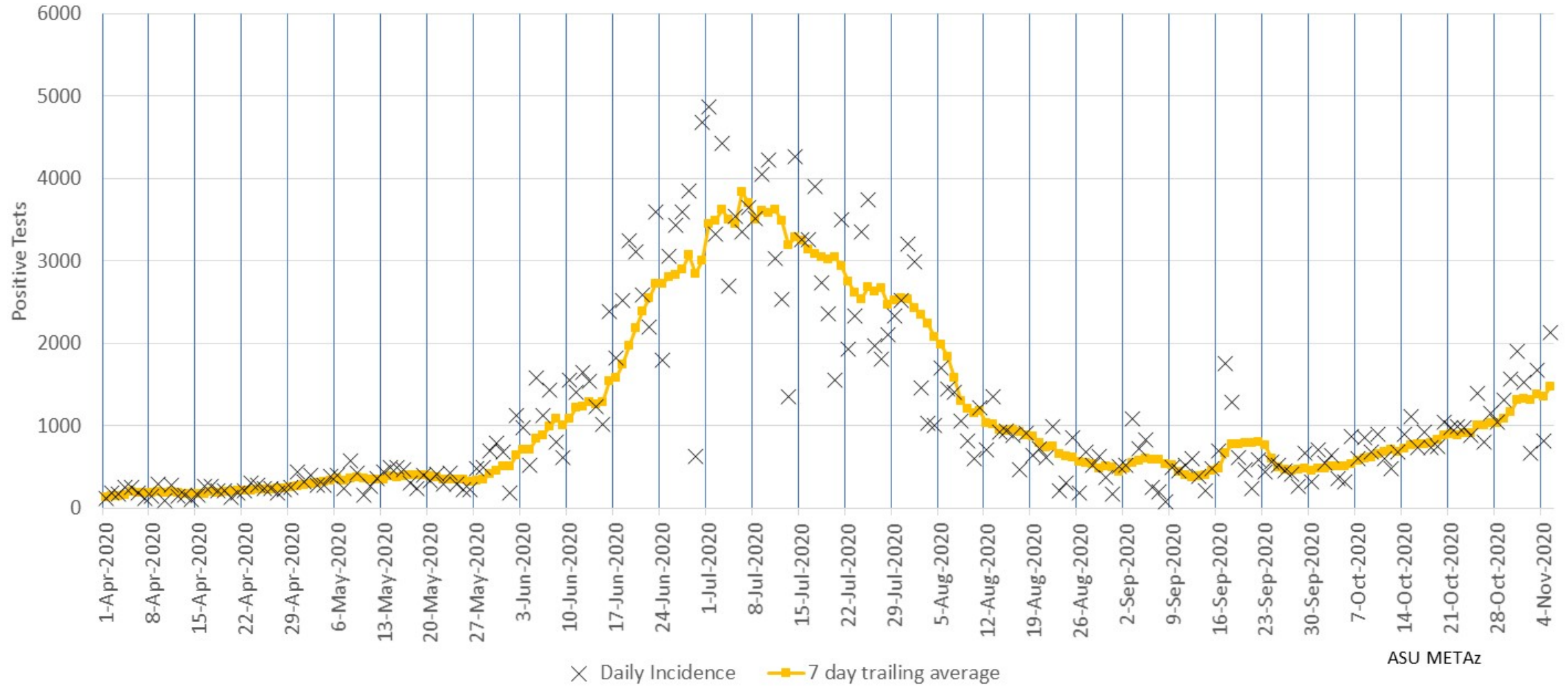
Arizona Statewide Analysis



Epidemiology

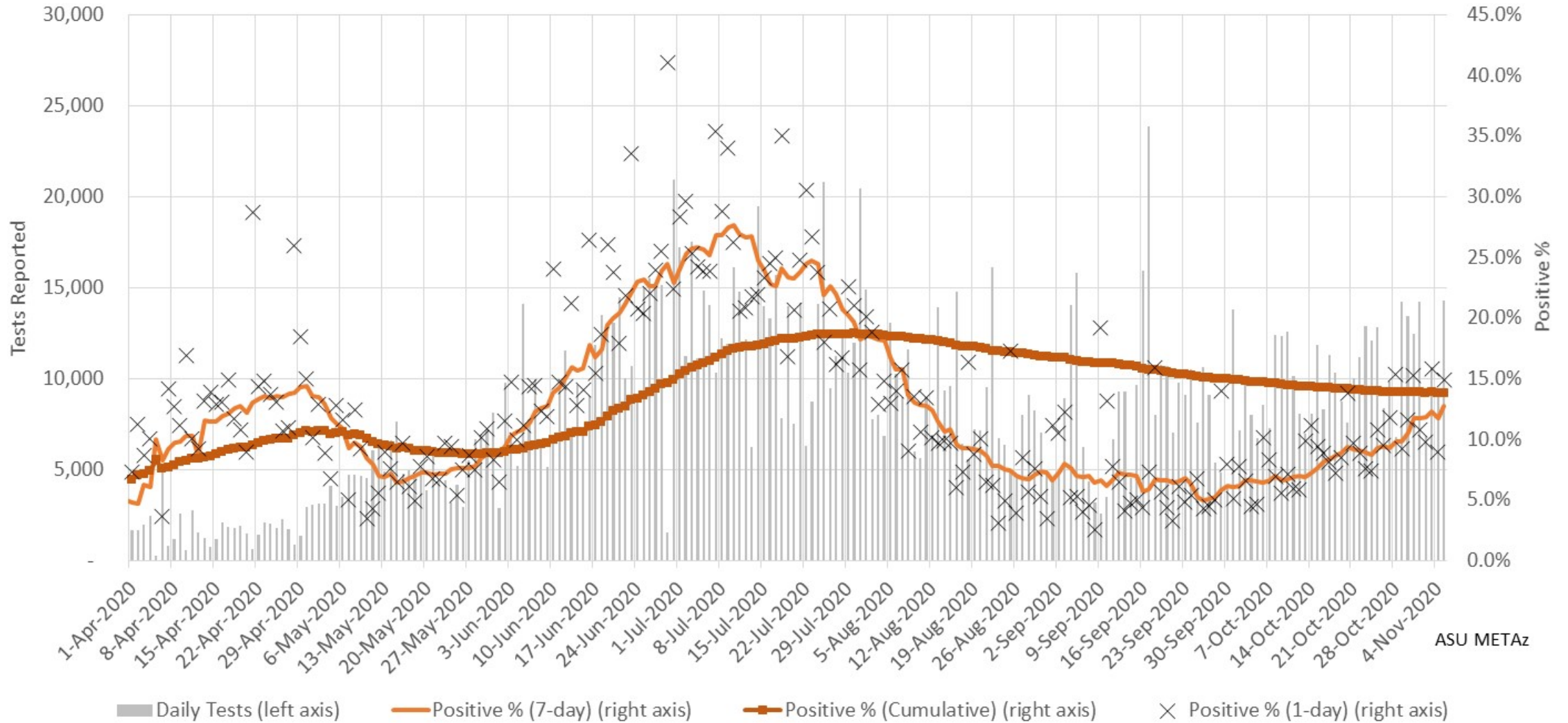


Arizona Statewide Daily COVID-19 Positive Tests Results Reported (confirmed incidence)



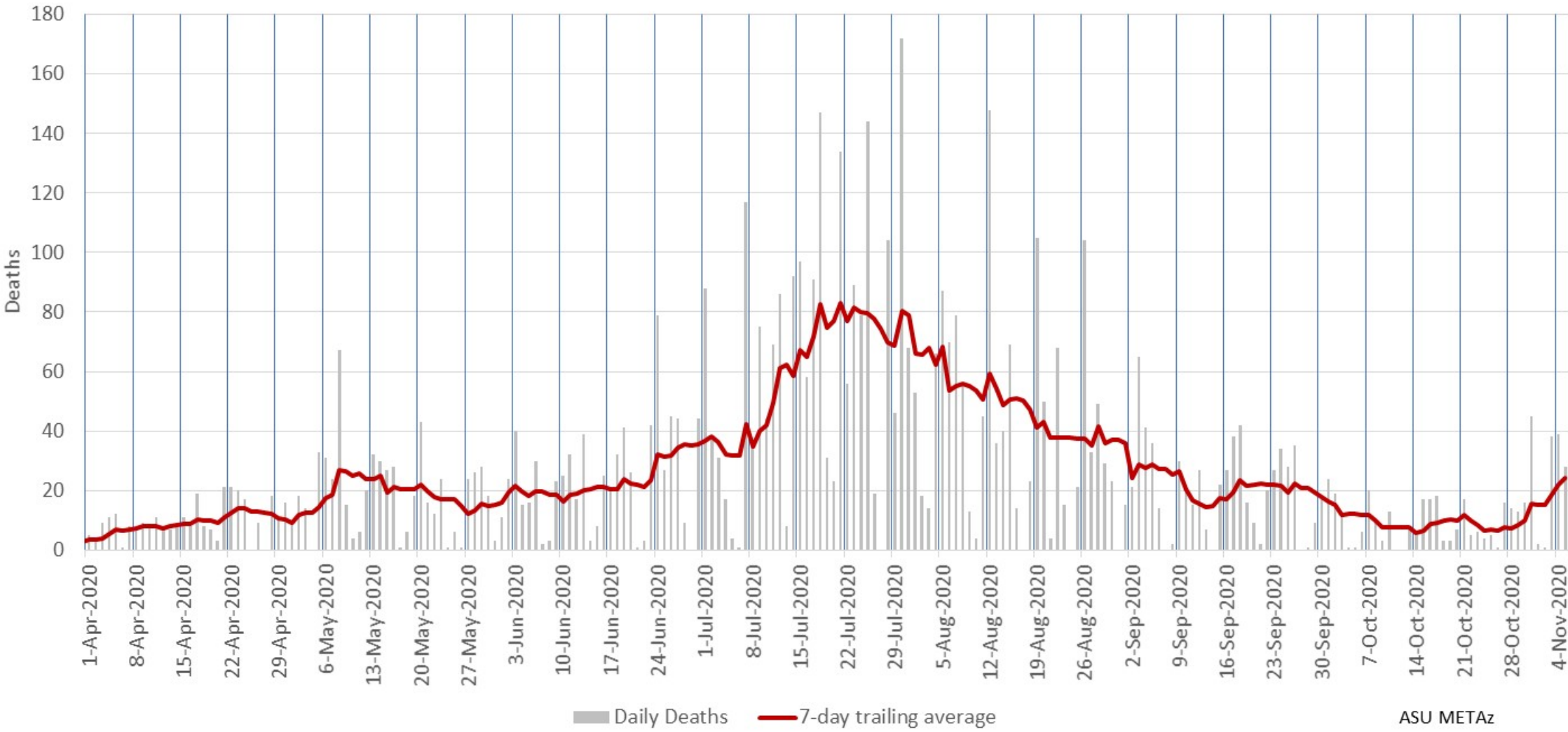
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Arizona Statewide Rolling weekly positive COVID-19 test rate



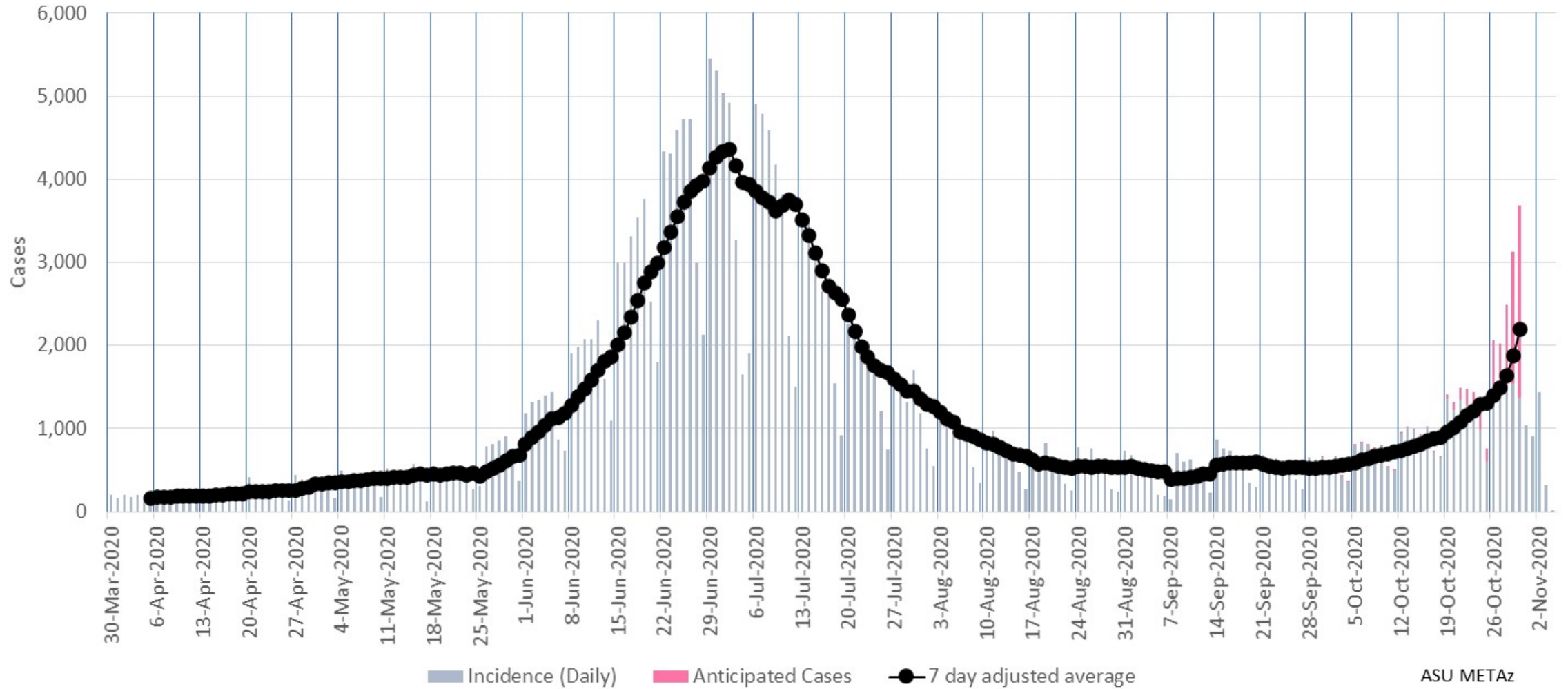
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Arizona Statewide Daily COVID-19 Deaths (by date of reporting)

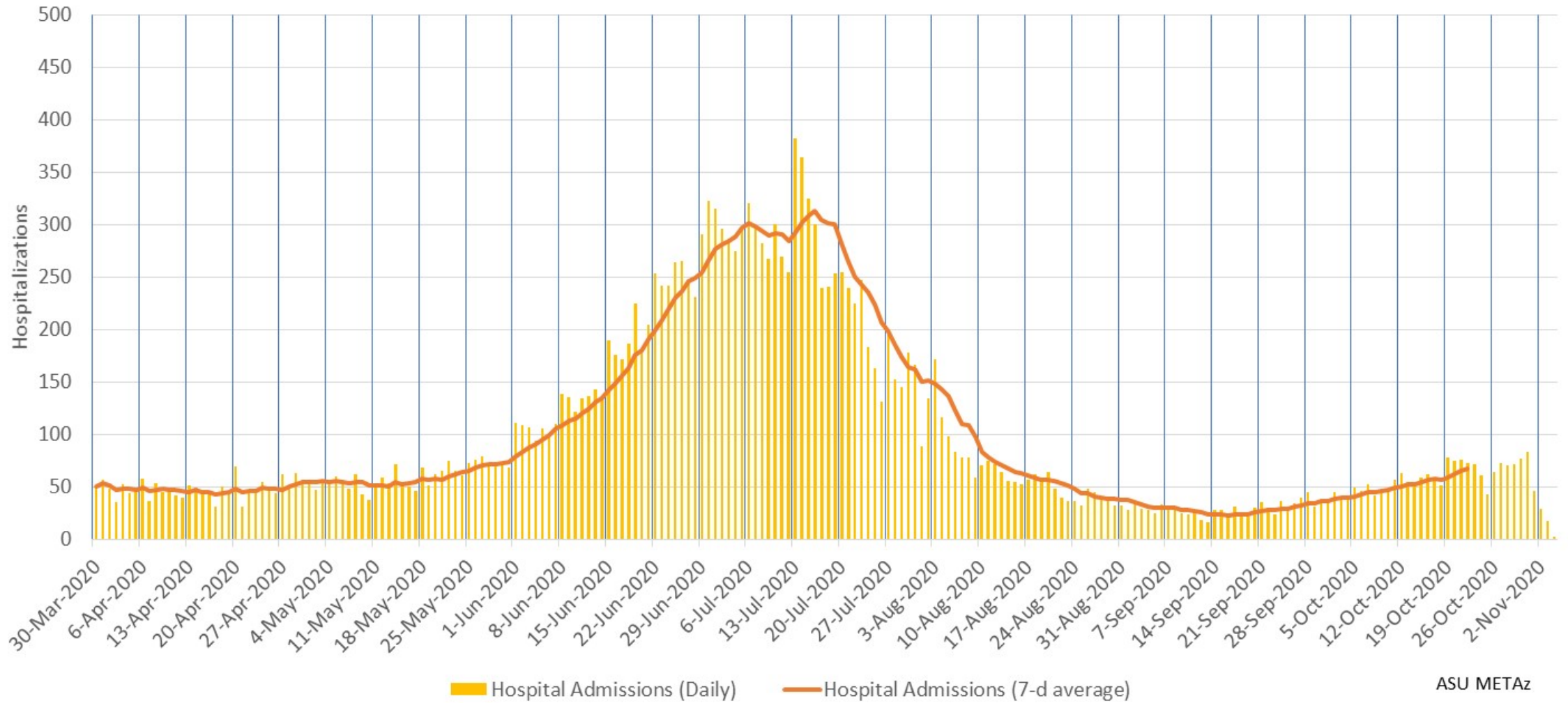


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Arizona Statewide Daily COVID-19 Cases by Date of Sample Collection
(Epi Curve)

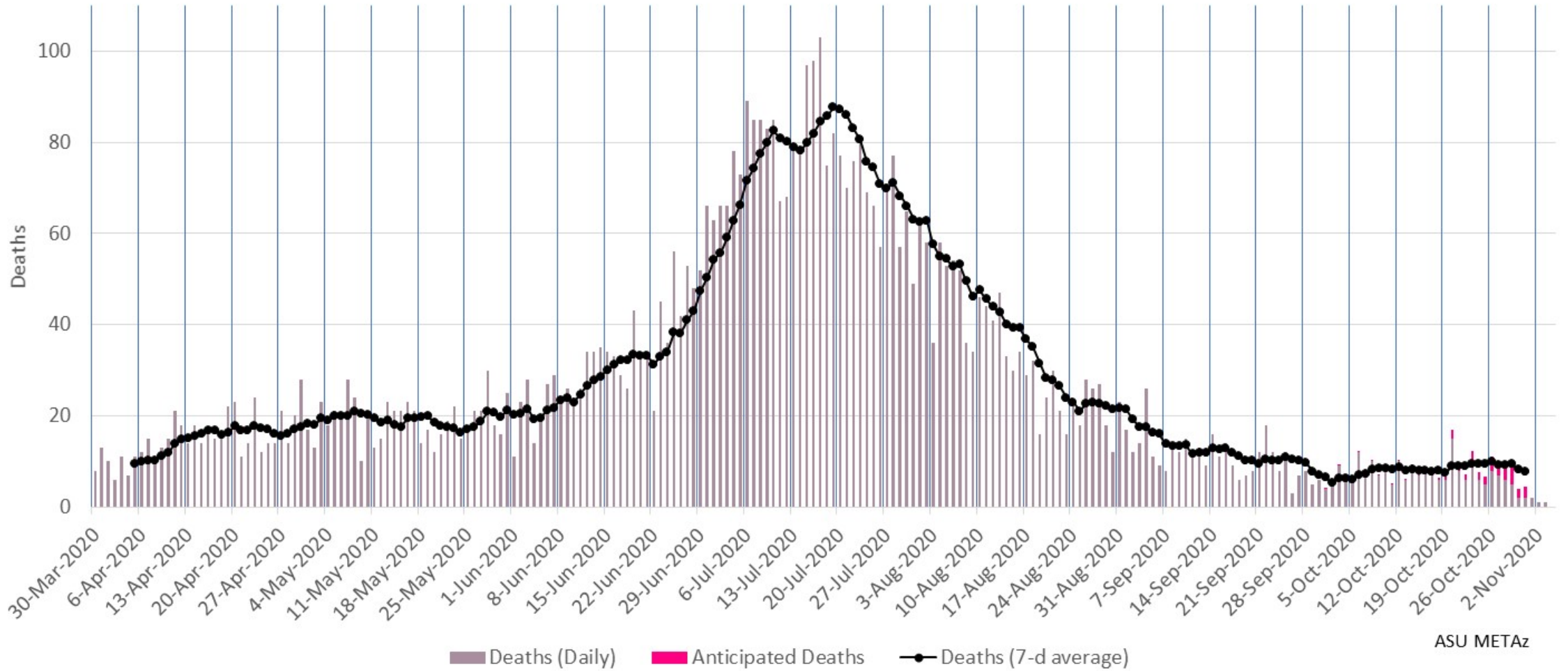


Arizona Statewide Daily COVID-19 Hospitalizations by Date of Hospitalization (Epi Curve)



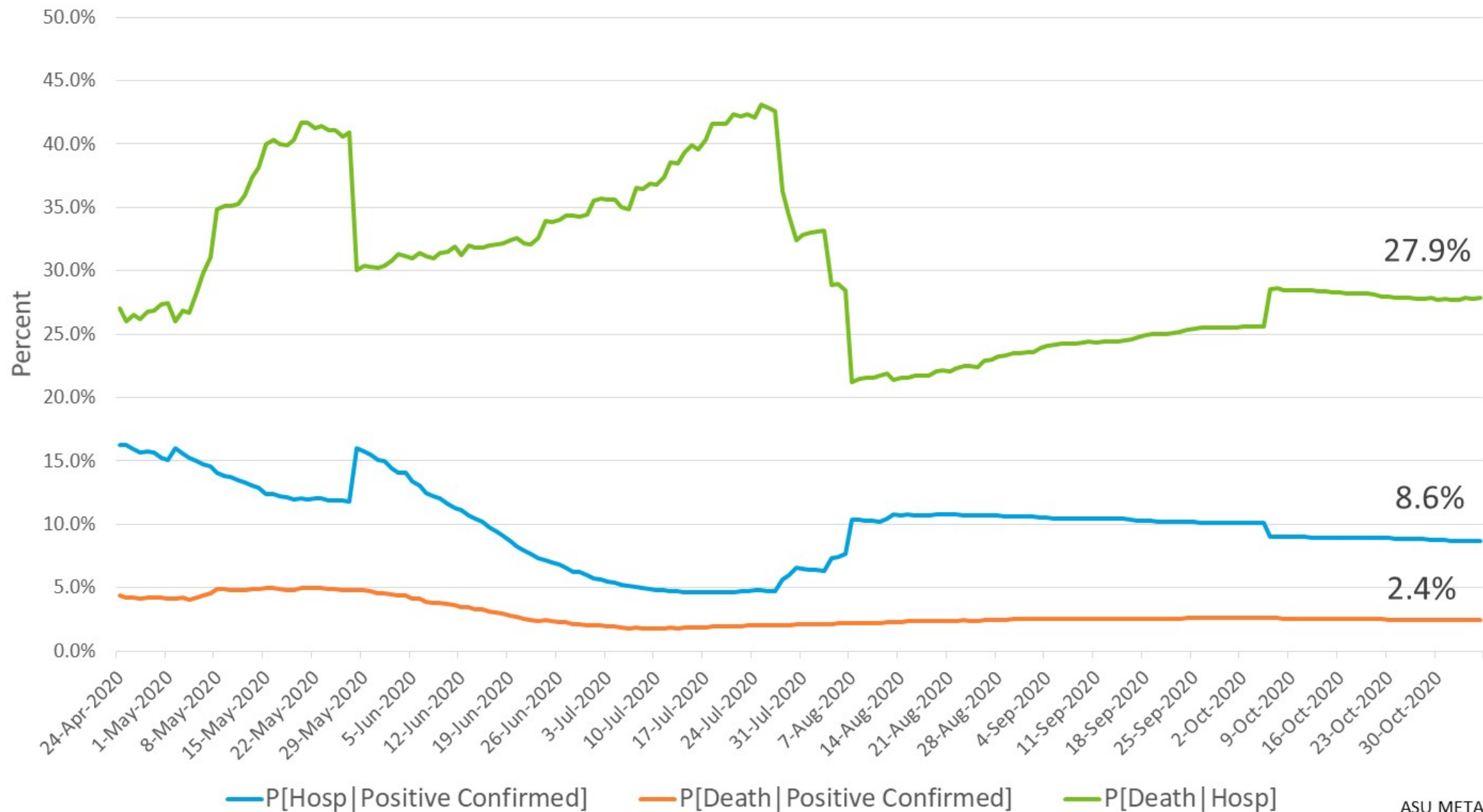
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Arizona Statewide Daily COVID-19 Deaths by Date of Death (Epi Curve)



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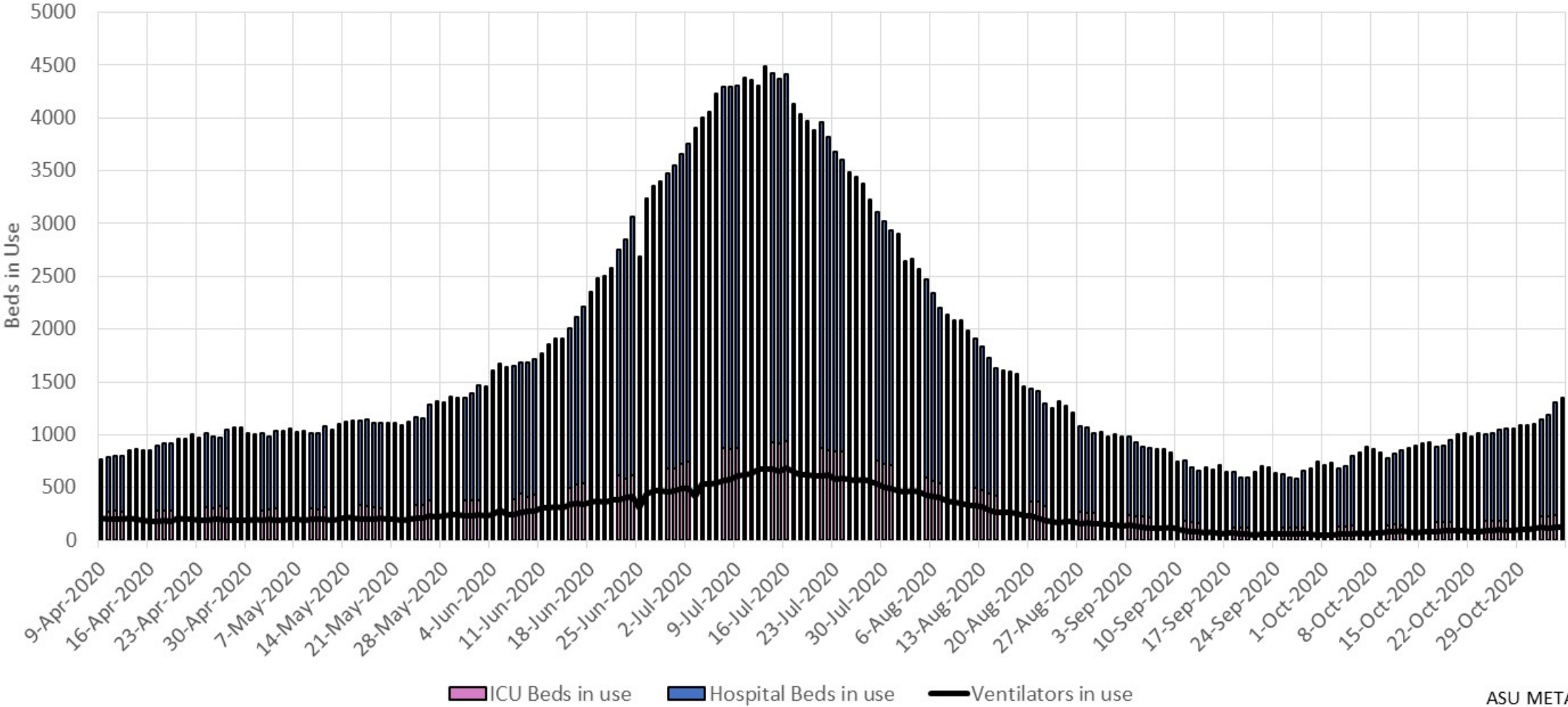
Arizona Statewide Case Fatality and Hospitalization Rates



Hospital Usage

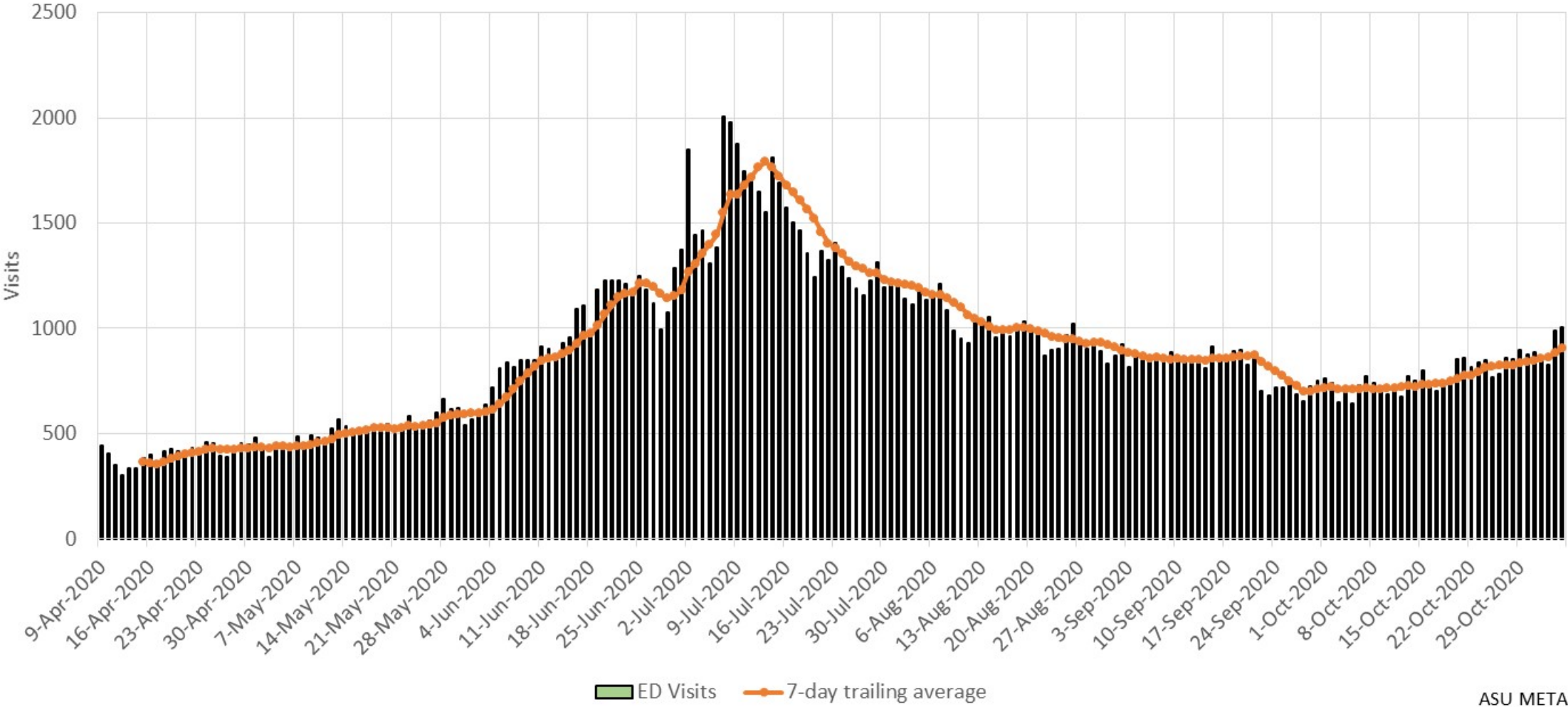


Arizona Statewide COVID-19 Hospital Resource Utilization



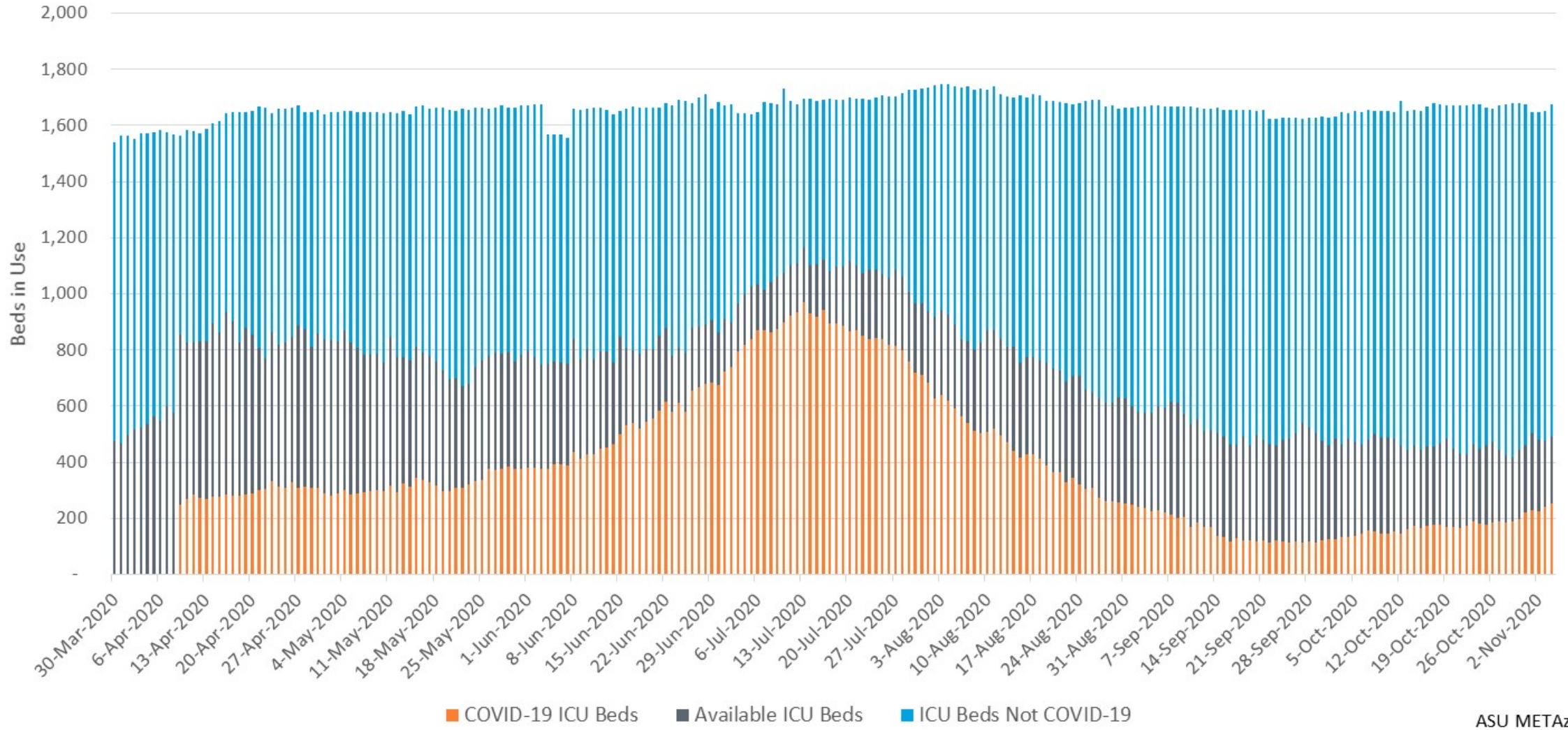
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Arizona Statewide COVID-19 Emergency Department Visits



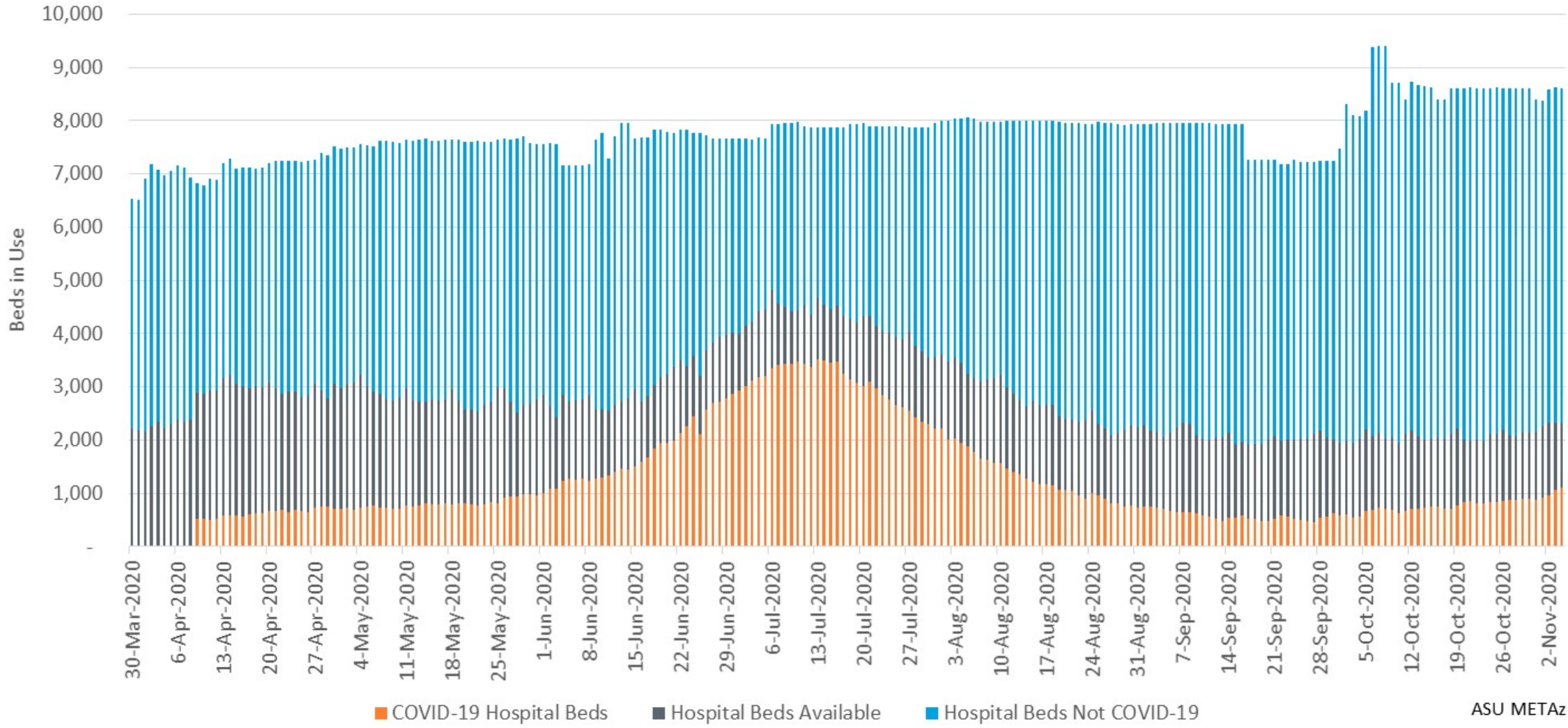
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Arizona Statewide ICU Bed Usage



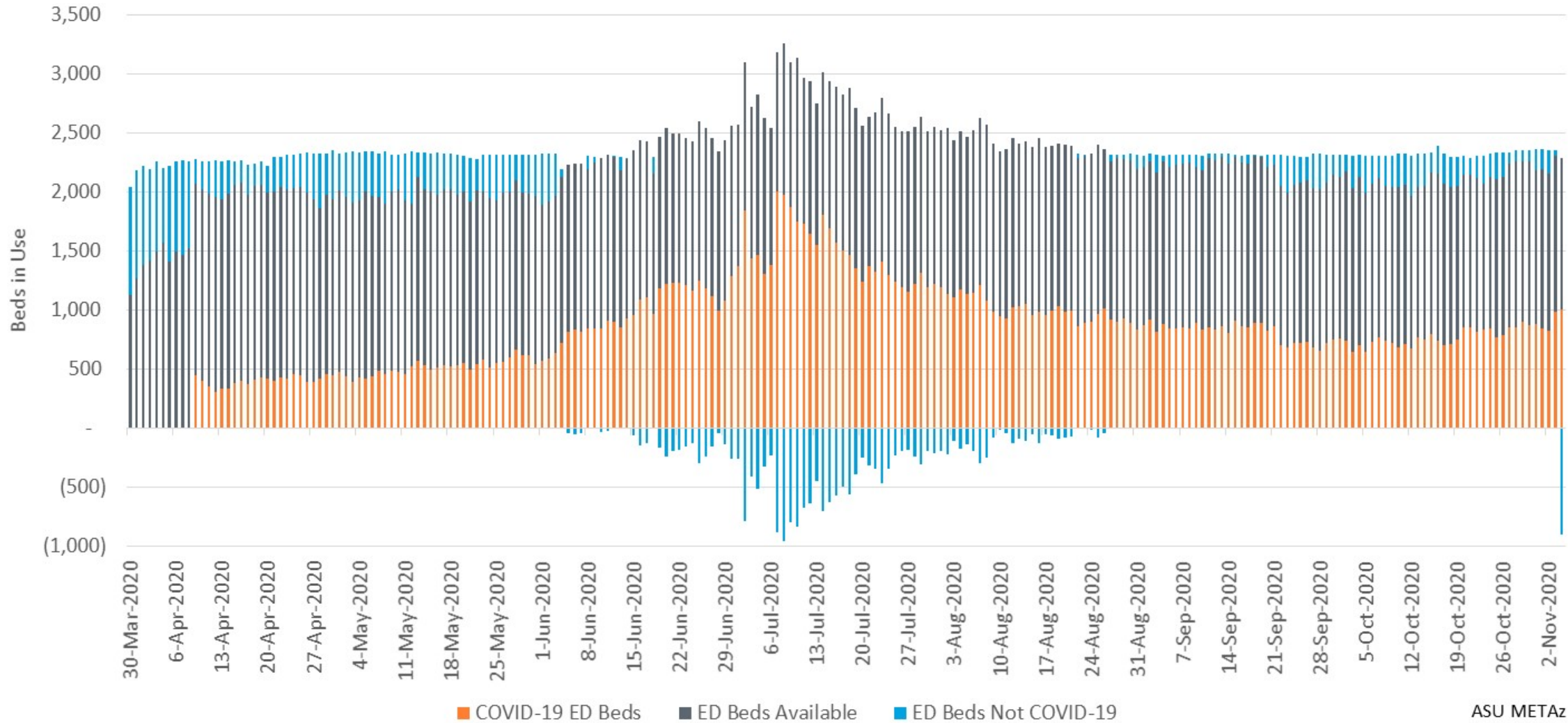
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Arizona Statewide Inpatient Bed Usage



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Arizona Statewide ED Bed Usage



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