



COVID Epidemiology Situation Update

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April 29, 2021

Summary

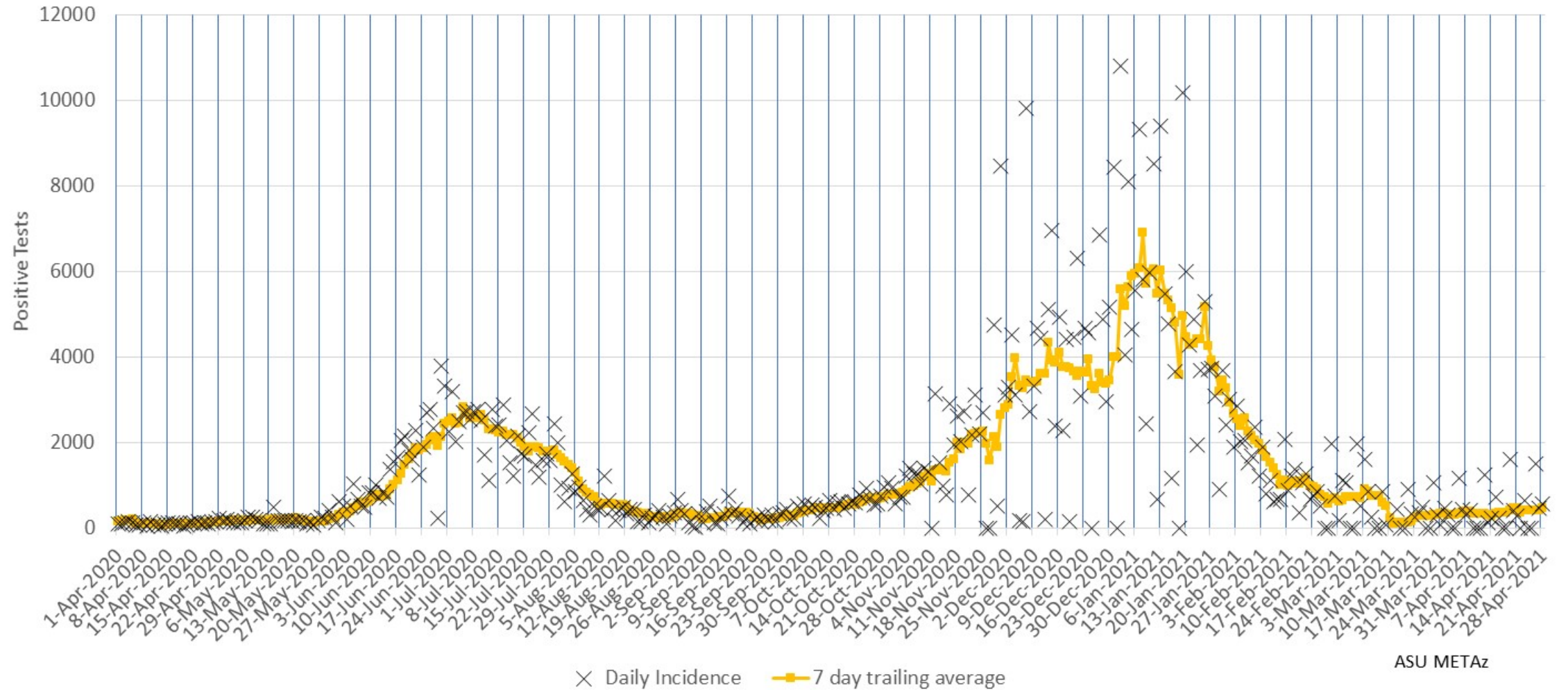
April 29, 2021				
	Statewide		Maricopa	
	Reported Today	Cumulative	Reported Today	Cumulative
Cases	881	861,653	591	536,453
PCR Tests	7,717	4,240,767	4,521	2,532,228
% Positive	11.4%	20.3%	13%	14.0%
Hospitalizations	78	60,173	1	37,115
Deaths	23	17,305	13	9,860
<i>All data pulled from azdhs.gov. Numbers may not match Maricopa county data.</i>				

- Today's reported statewide case count is 881 with 591 cases in Maricopa County (67%), higher than the proportion of the population in the county.
- The 7-day average for reported cases has fallen slightly and is now 709.
- 7-day average percent positive is now 10.3% and has been hovering between 9-11% since April 1.
- COVID utilization continues to slowly increase for all types of hospital beds ((inpatient, ICU, ED).
- Bed usage for COVID-19 is 7% of inpatient beds and 11% of ICU beds statewide. Current hospital utilization is 88% for inpatient beds and 87% for ICU beds including COVID and non-COVID utilization.
- Reported death rates in Maricopa County are increasing slightly in the last week. Hospital death rates for COVID remain stable.
- COVID-19 remains the leading cause of death in Arizona in a 12-month period.

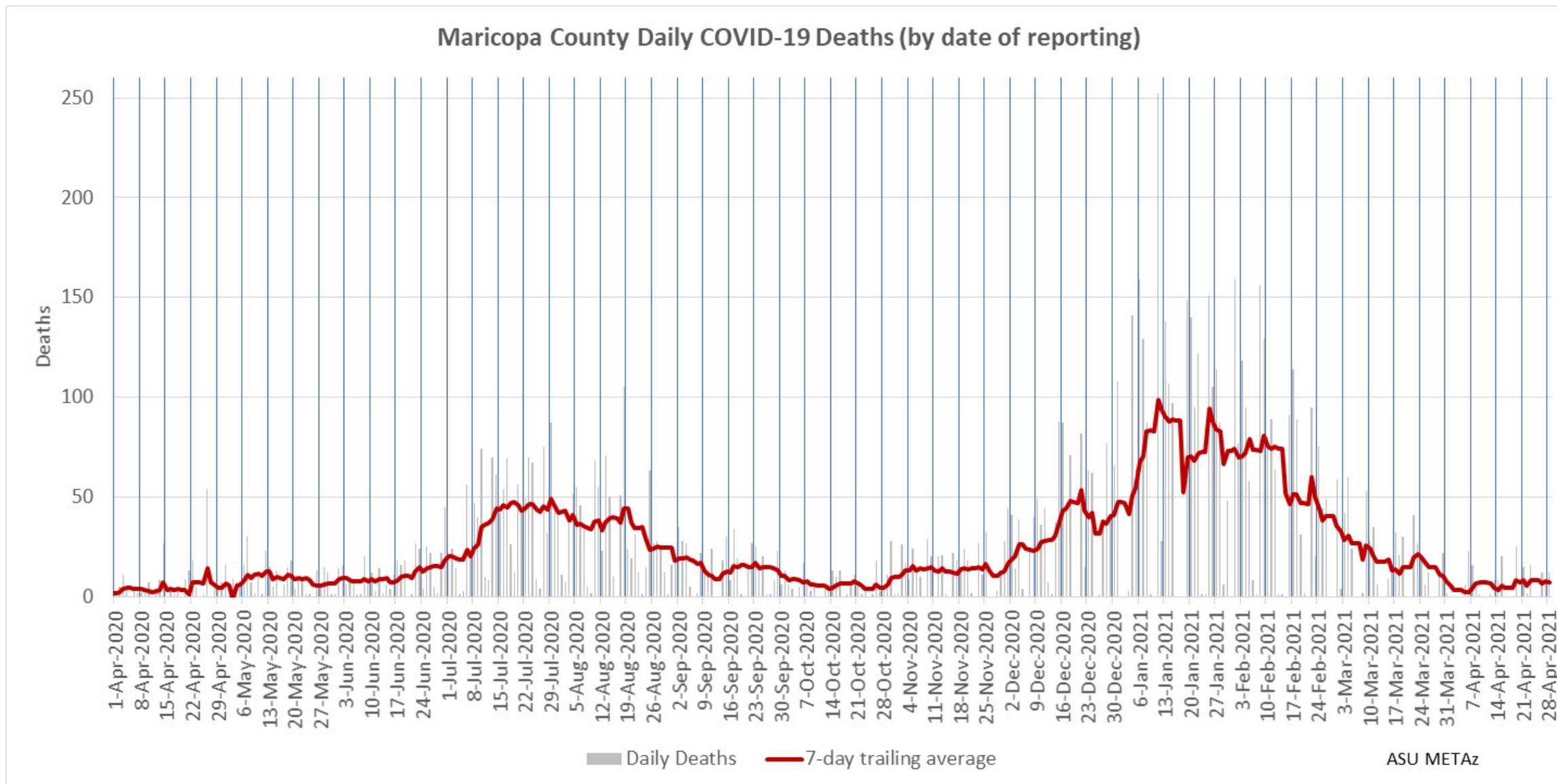
Maricopa County Analysis



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

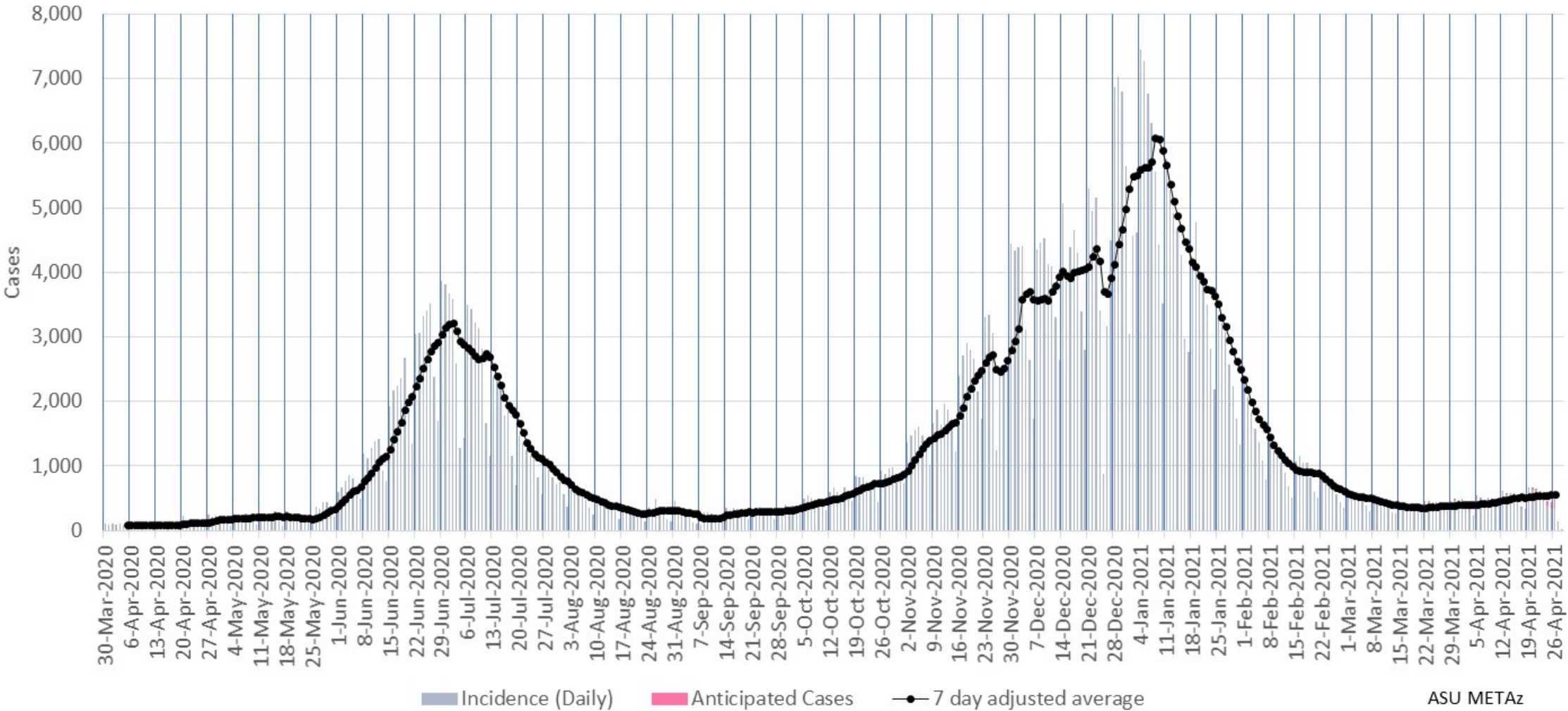


Due to the holidays, multiple days of data were held (Nov 11, 26 & 27; December 25, January 1 & 18) and reported on the next business day.

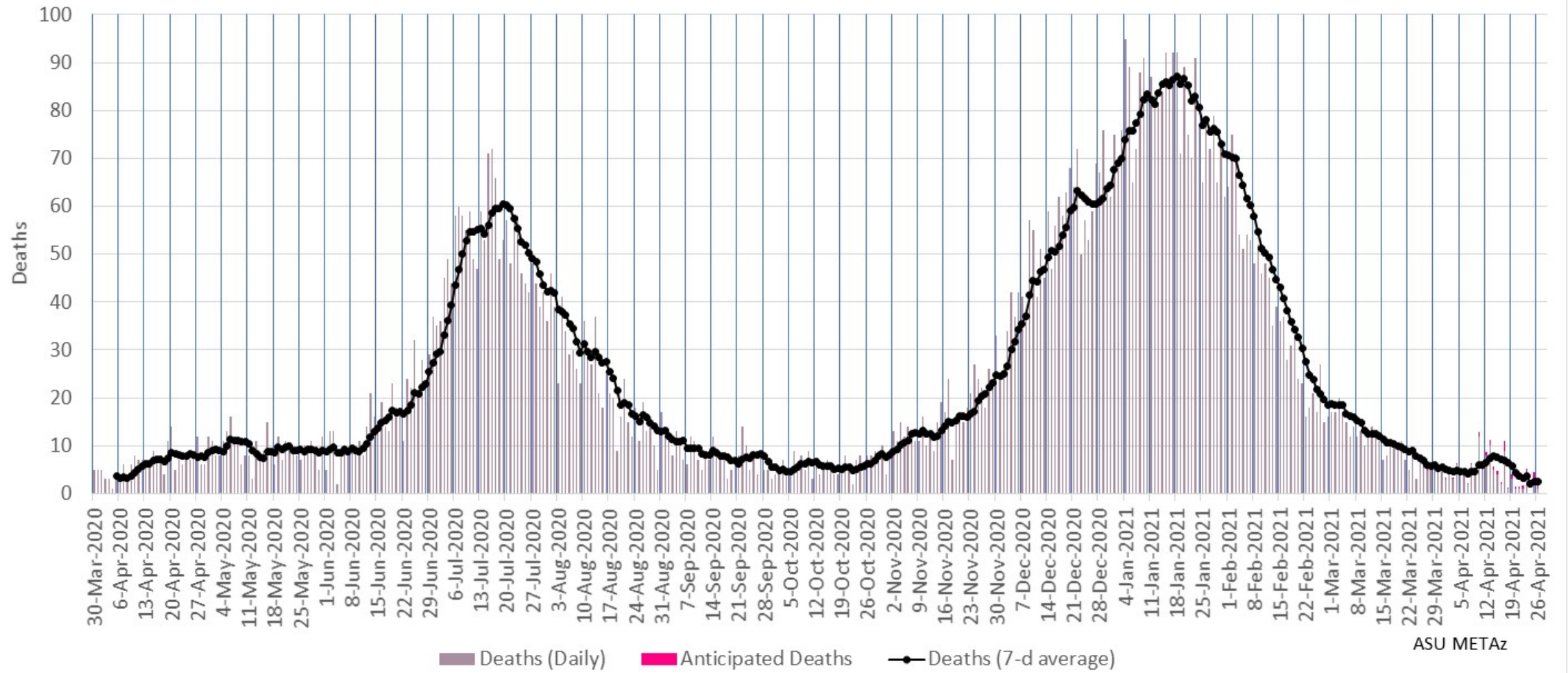


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Maricopa County Daily COVID-19 Cases by Date of Sample Collection (Epi Curve)



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



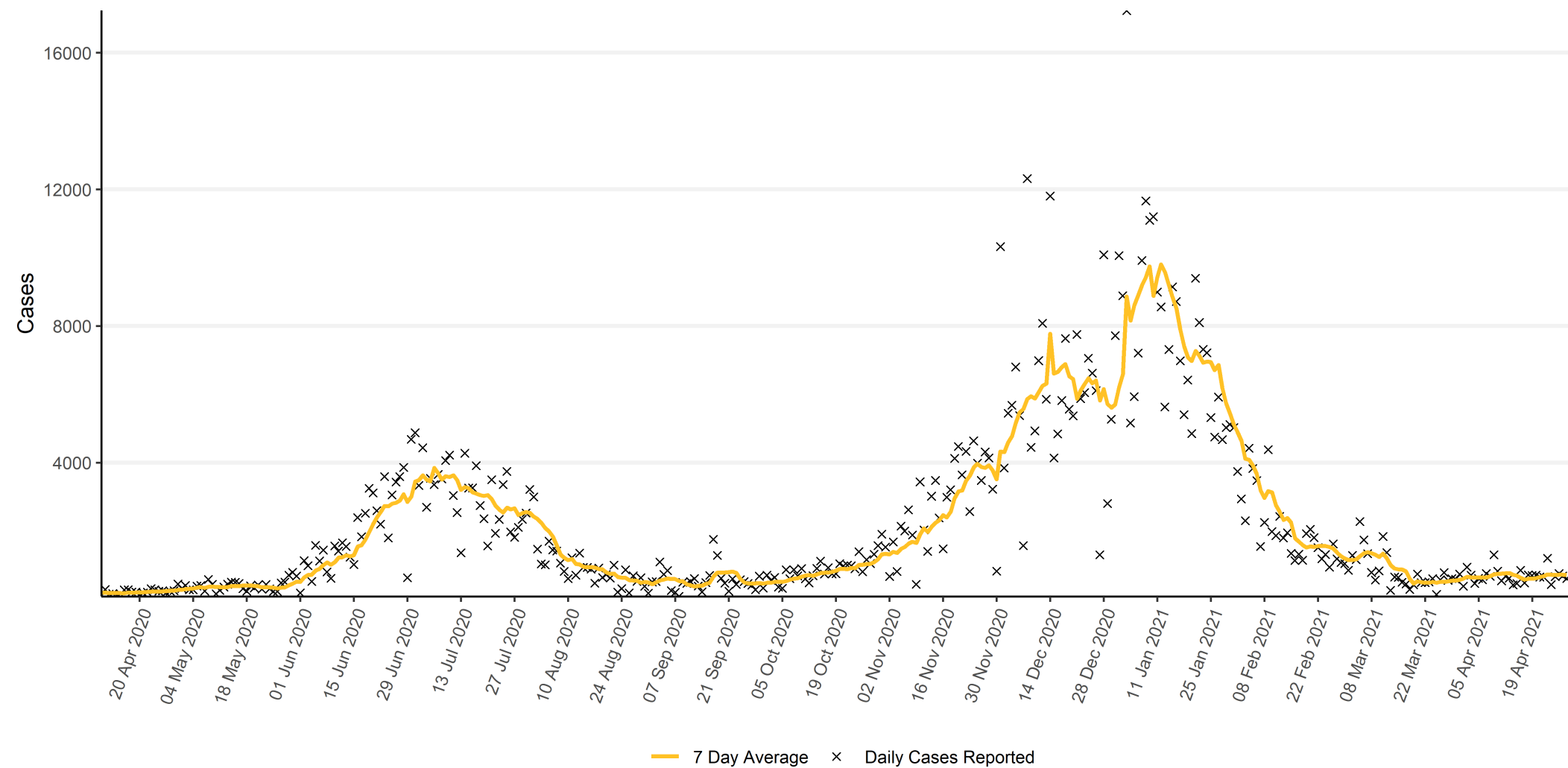
Arizona Statewide Analysis



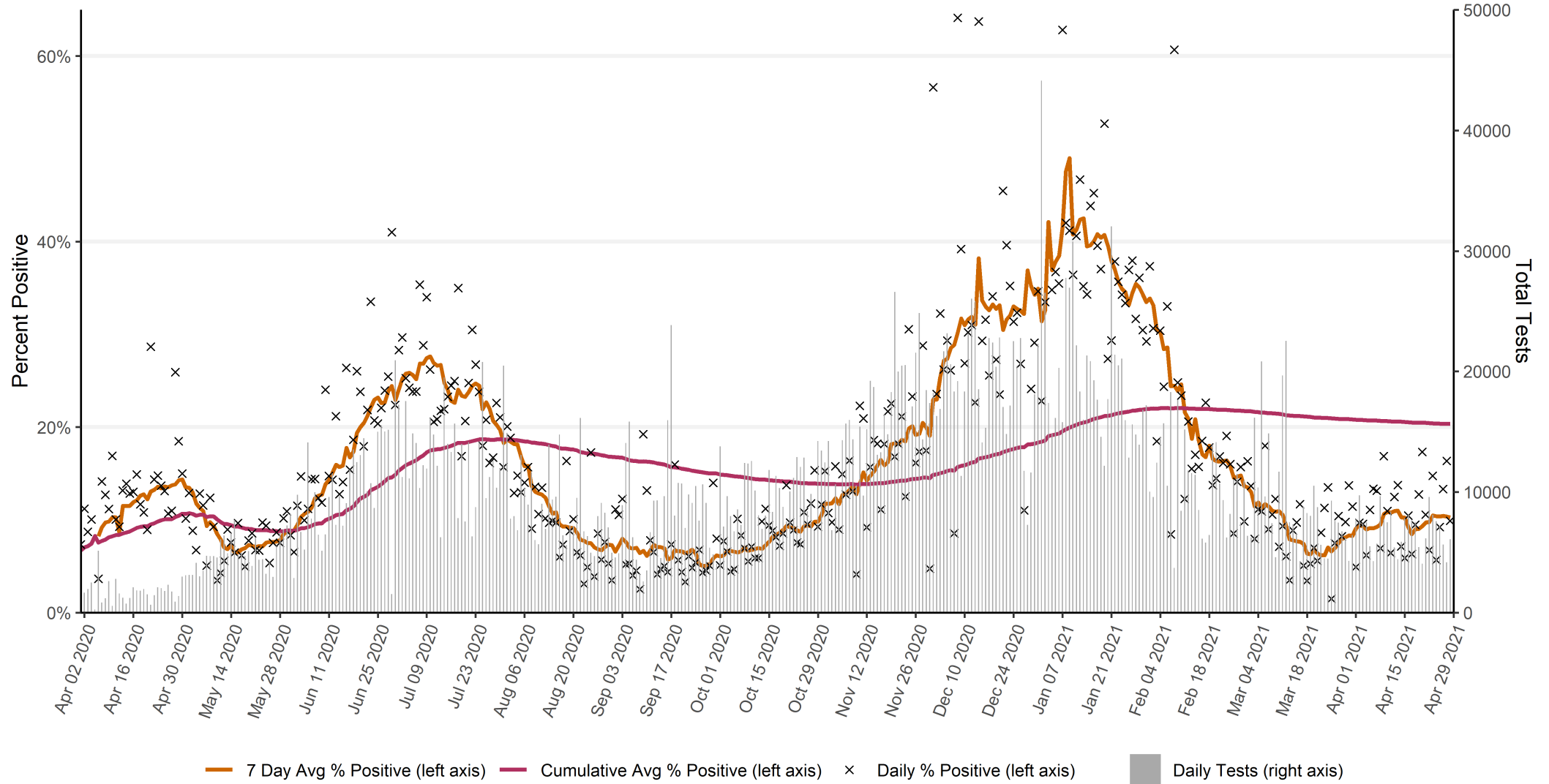
Epidemiology



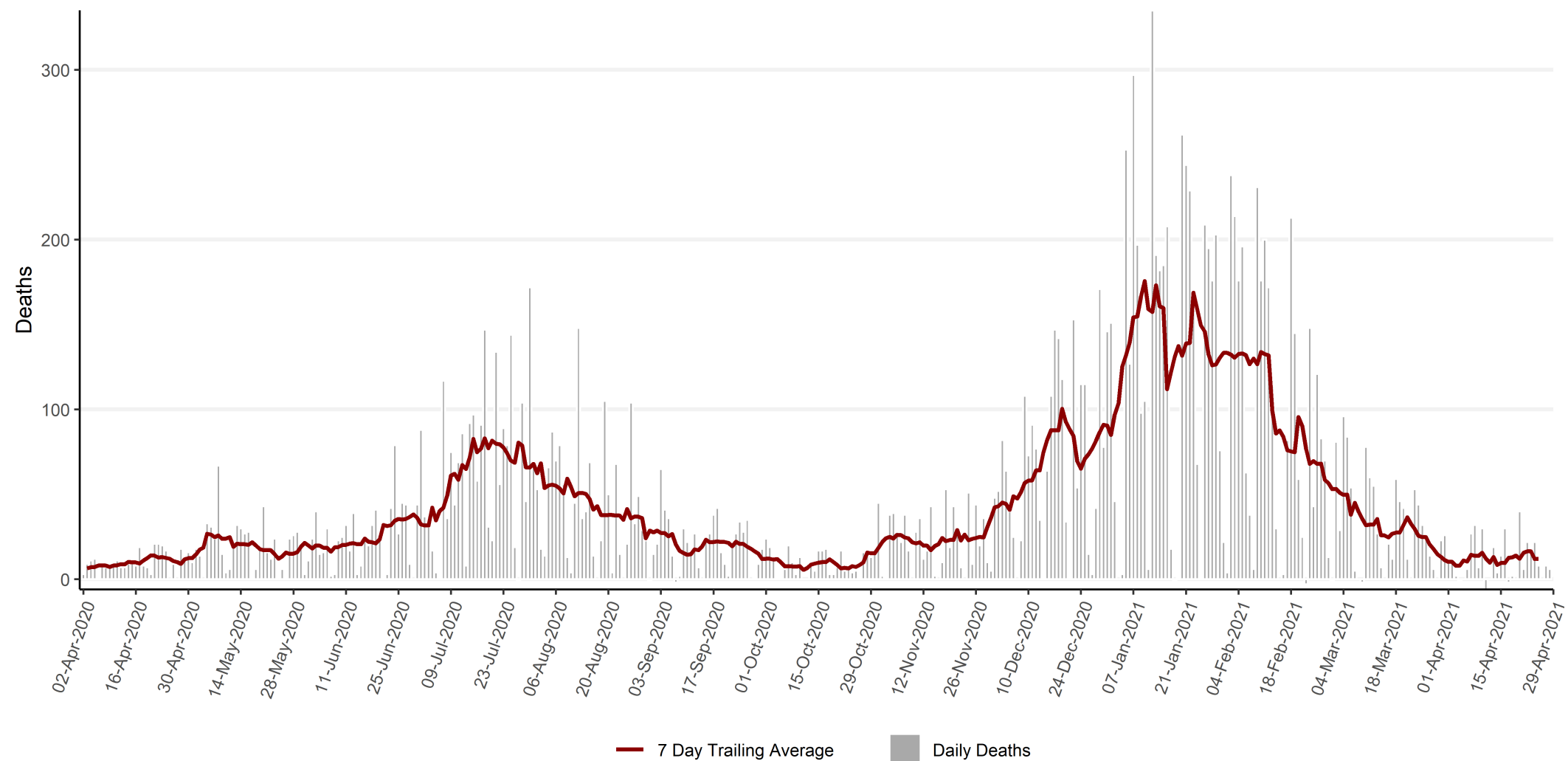
Arizona Statewide Daily COVID-19 Positive Tests Results Reported
(confirmed incidence)



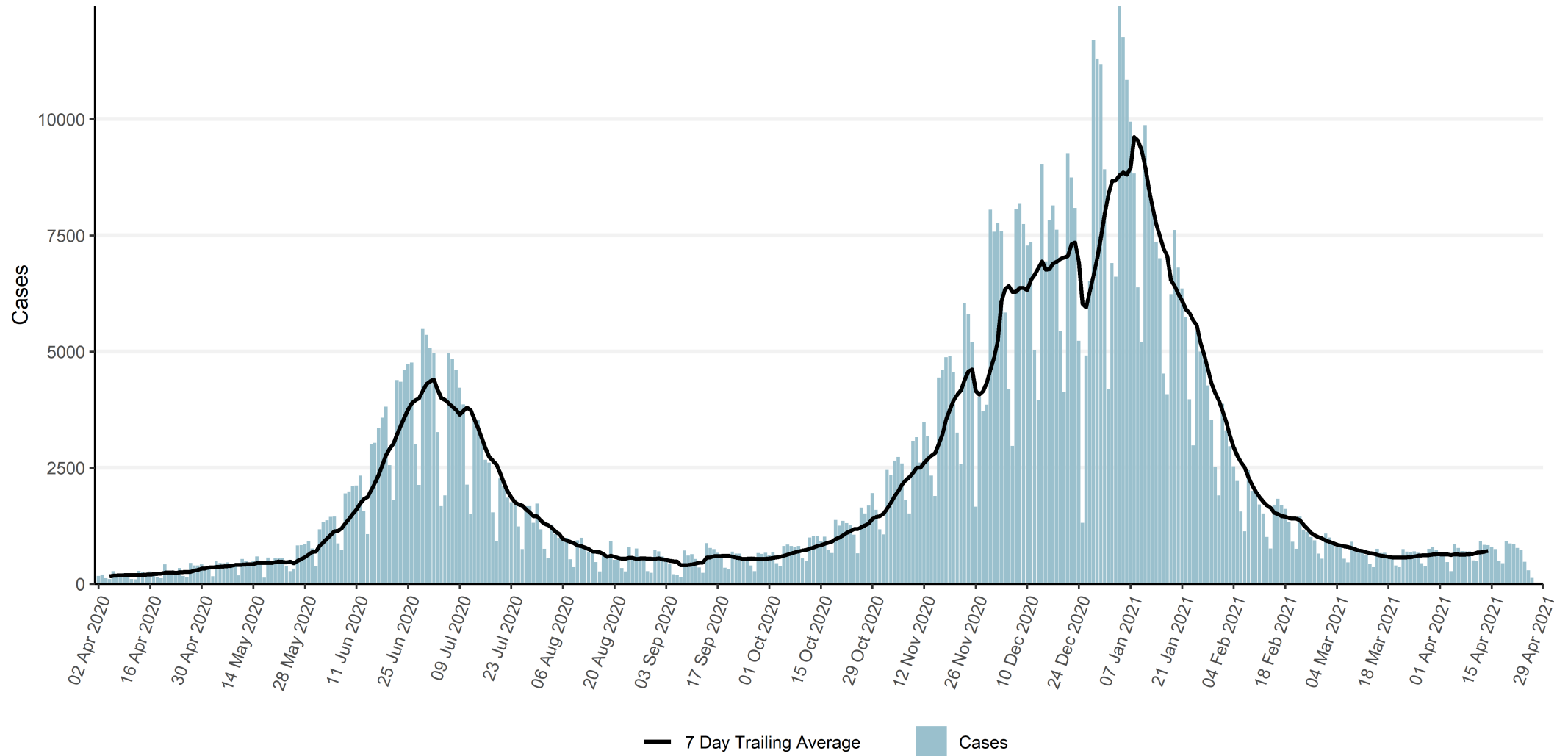
Arizona Statewide Rolling Weekly Positive COVID-19 Test Rate



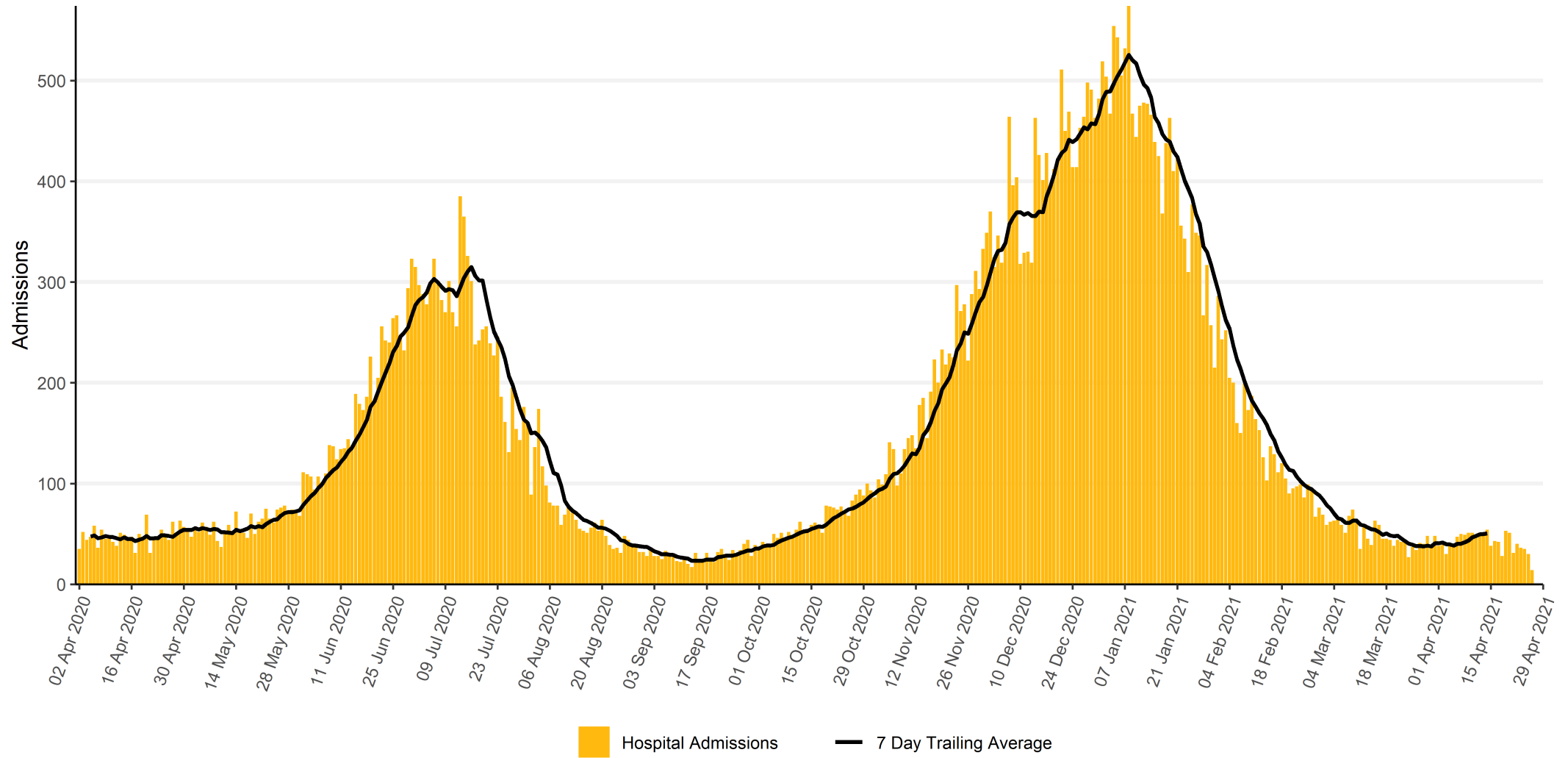
Arizona Statewide Daily COVID-19 Deaths
(by date of reporting)



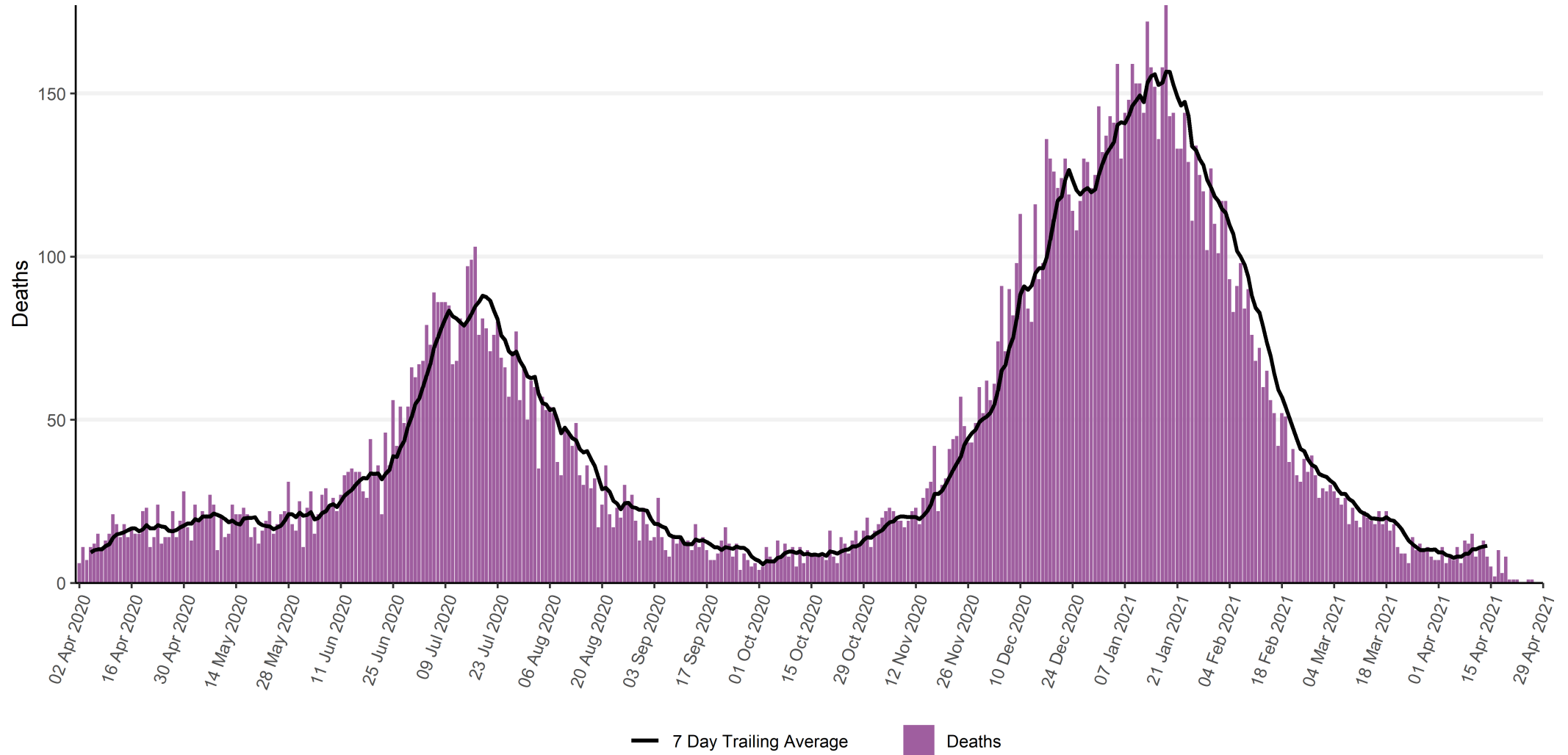
Arizona Statewide Daily COVID-19 Cases by Date of Sample Collection
(Epi Curve)



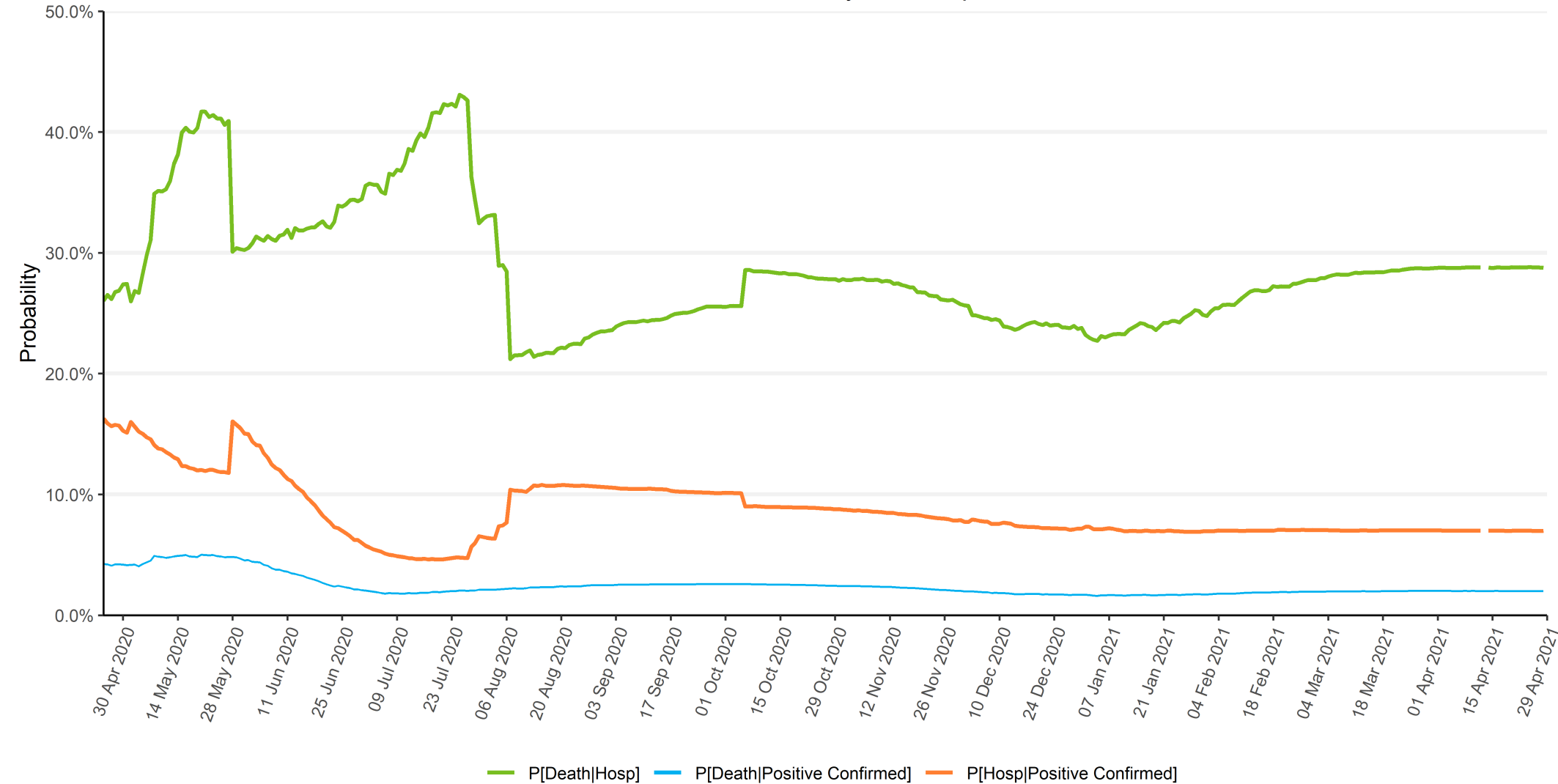
Arizona Statewide Daily COVID-19 Hospitalizations by Date of Hospitalization
(Epi Curve)



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



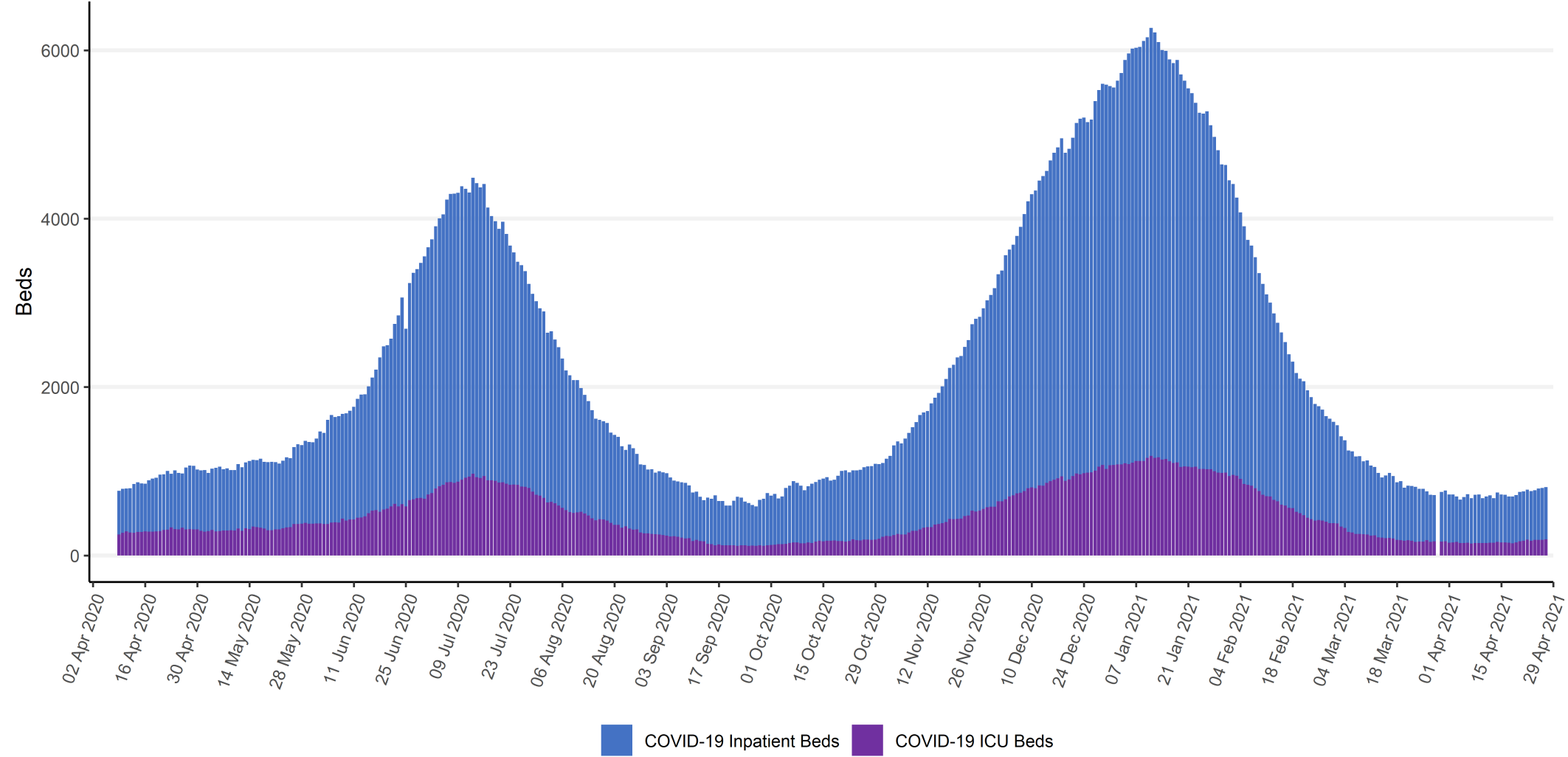
Arizona Statewide Case Fatality and Hospitalization Rates



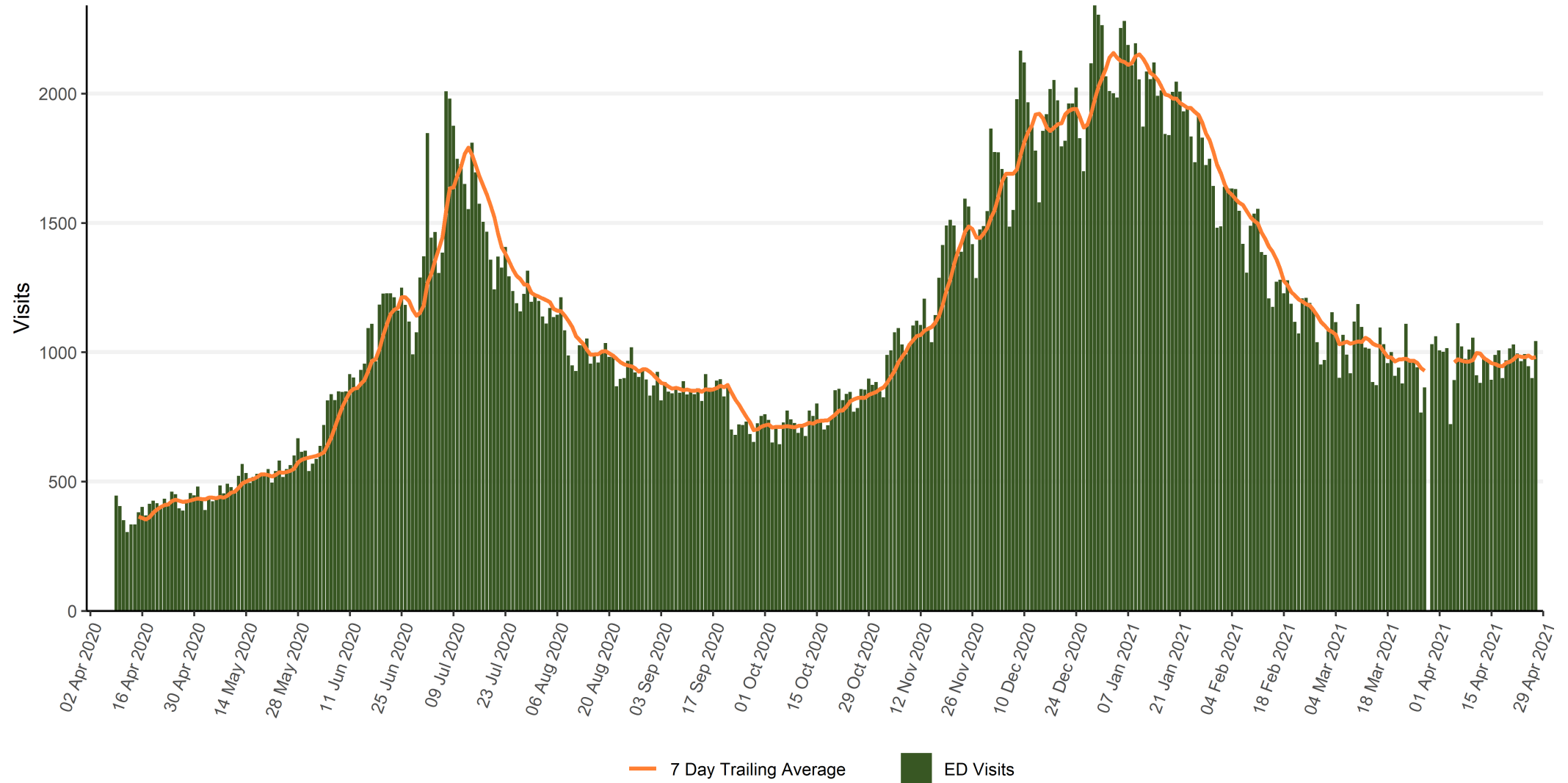
Hospital Usage



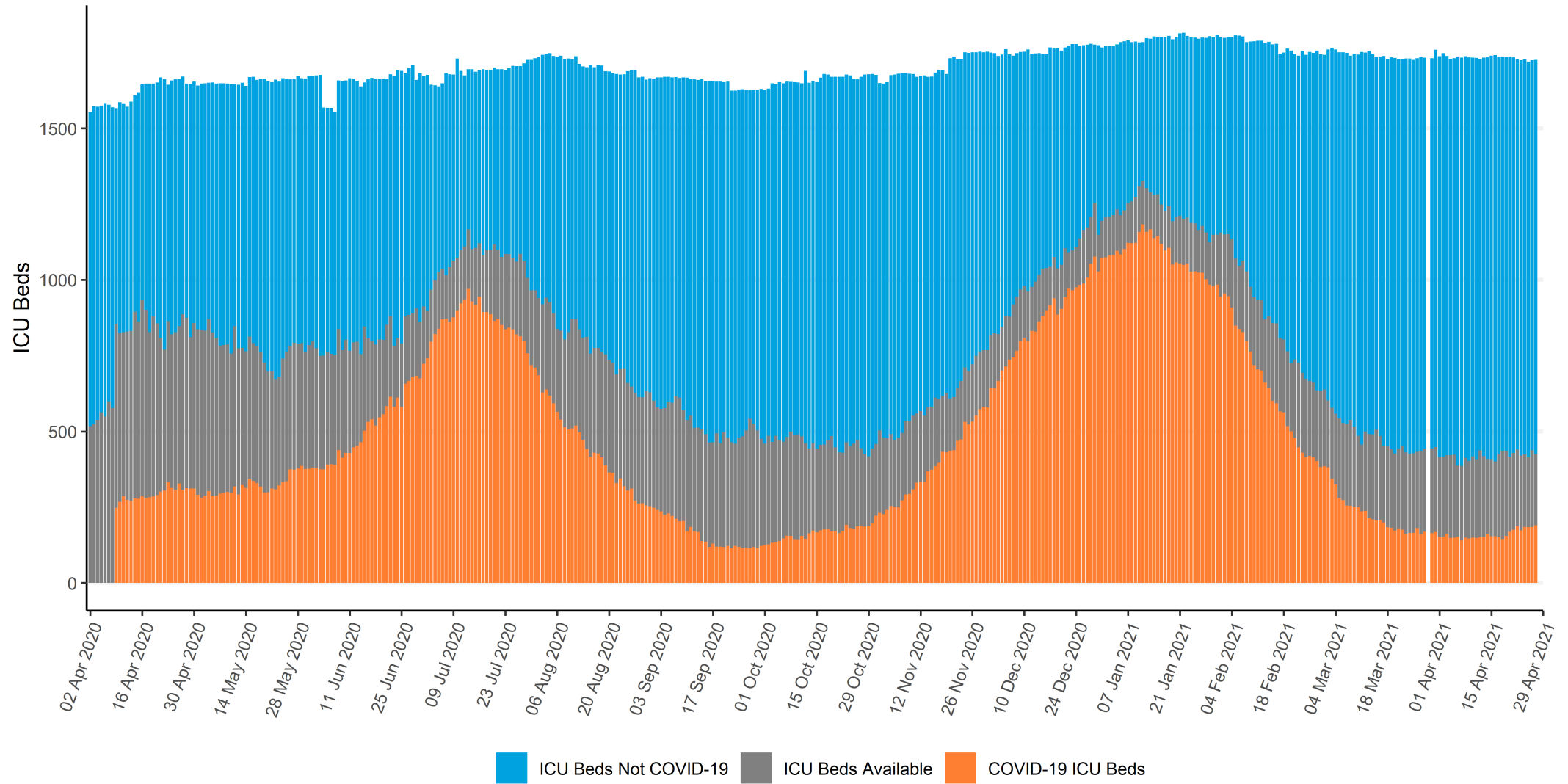
Arizona Statewide COVID-19
Hospital Resource Utilization



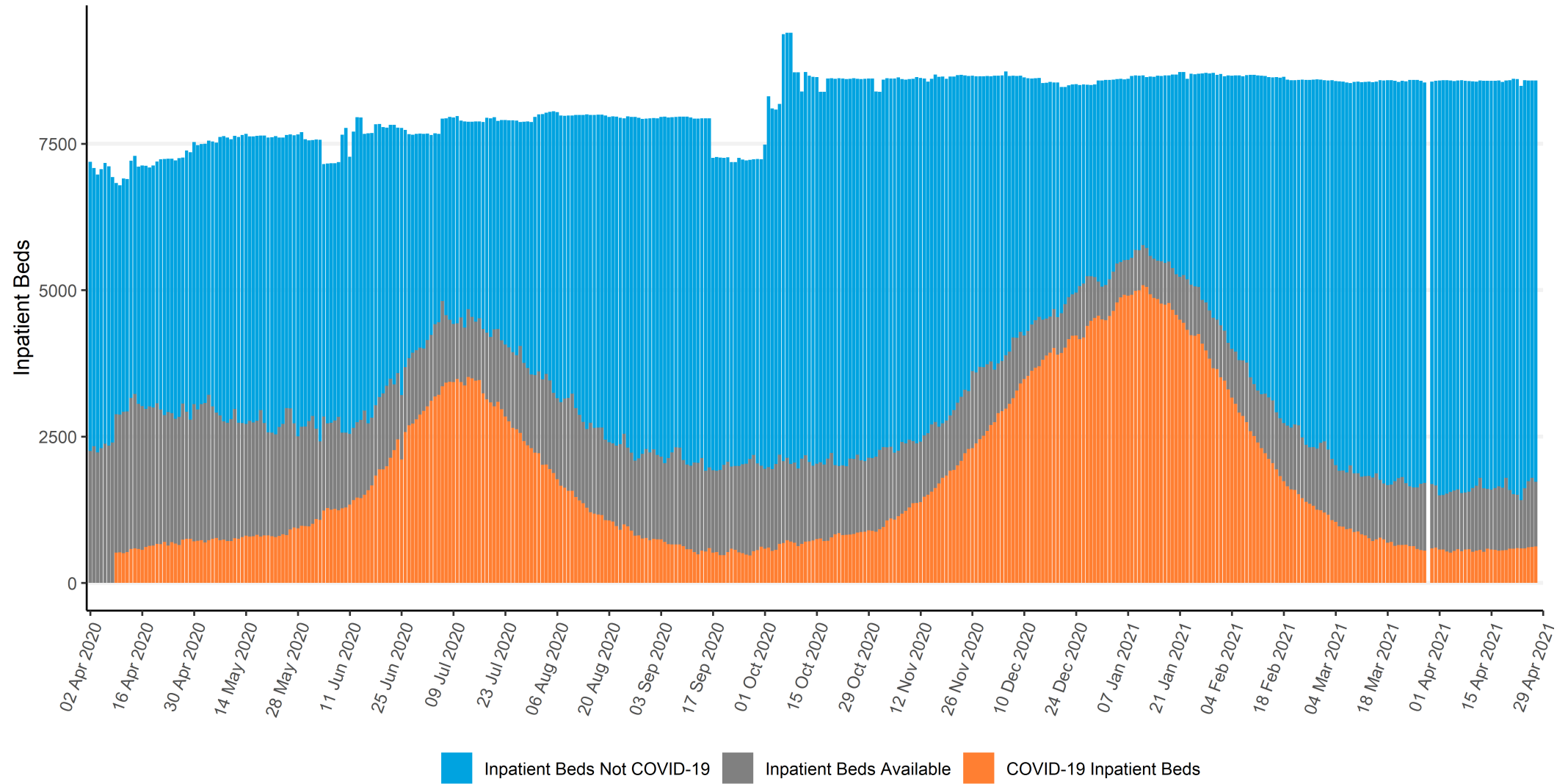
Arizona Statewide COVID-19 Emergency Department Visits



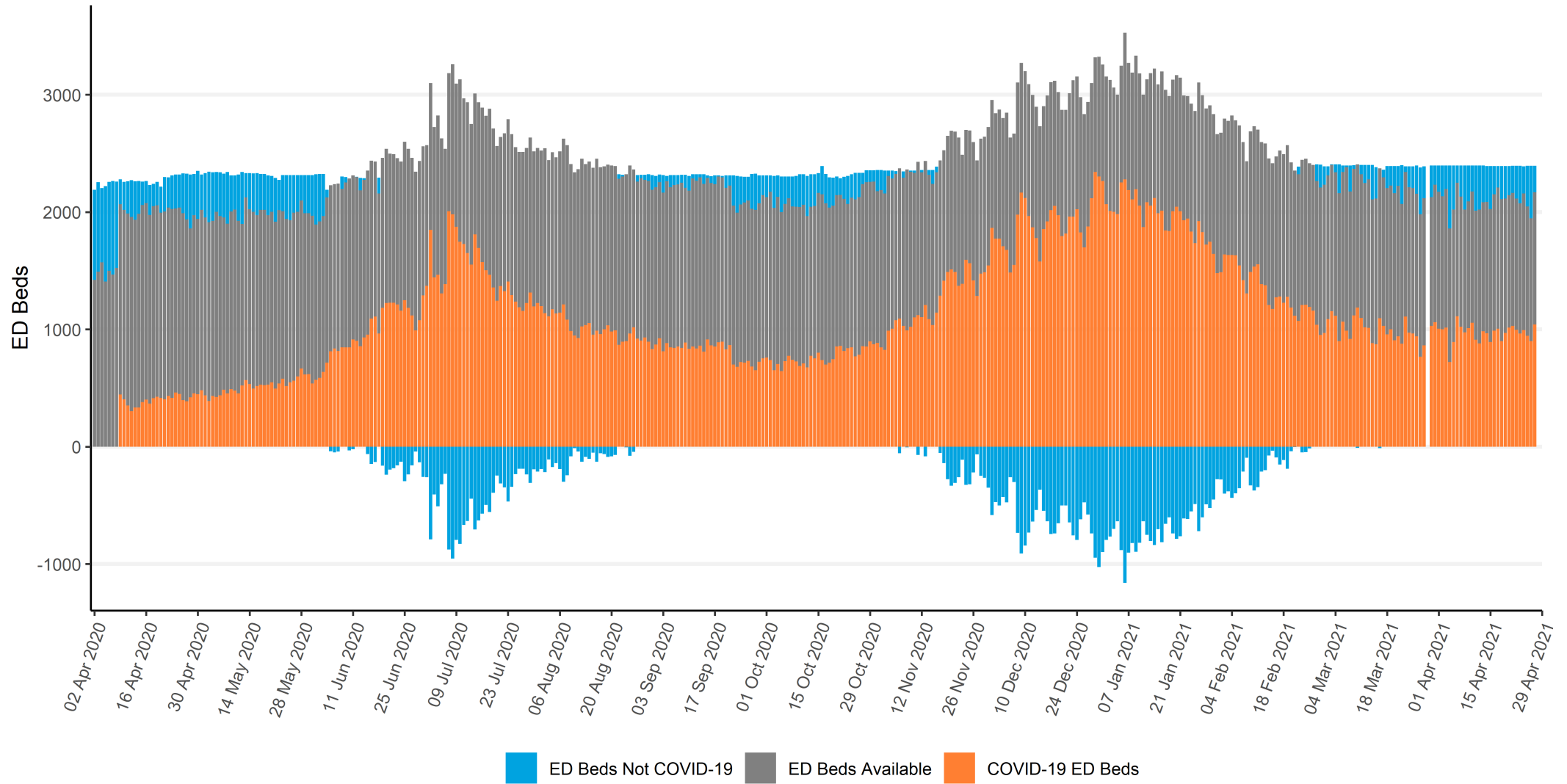
Arizona Statewide ICU Bed Usage - COVID-19



Arizona Statewide Inpatient Bed Usage - COVID-19



Arizona Statewide Emergency Department Bed Usage - COVID-19



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