



# COVID Epidemiology Situation Update

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**March 11, 2021**

# Summary

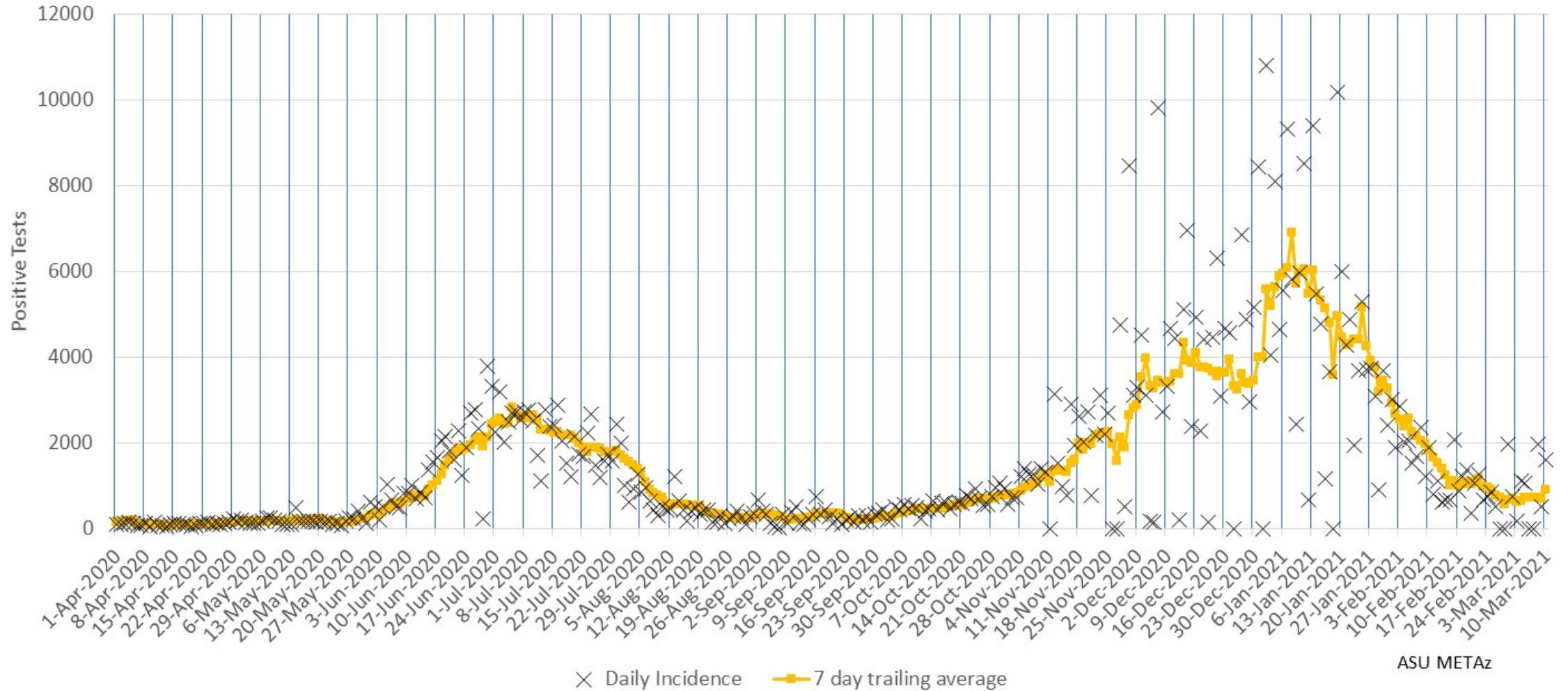
March 11, 2021				
	Statewide		Maricopa	
	Reported Today	Cumulative	Reported Today	Cumulative
<b>Cases</b>	1,835	830,465	1,559	519,285
<b>PCR Tests</b>	19,664	3,886,283	8,992	2,331,505
<b>% Positive</b>	9.3%	21.4%	17.3%	14.7%
<b>Hospitalizations</b>	47	58,055	39	36,002
<b>Deaths</b>	60	16,464	25	9,393
<i>All data pulled from azdhs.gov. Numbers may not match Maricopa county data.</i>				

- Today's statewide case count is 1835 with 1559 cases (85%) in Maricopa County, significantly higher than population distribution. The 7-day average for reported cases is relatively stable and is 1,336 today, similar to early November in the early phase of the most recent surge.
- Peak cases by incident date remains 1/4.
- 7-day average positivity continues to trend downward and has now dropped below 15% for two weeks.
- Hospital utilization continues to decline slowly and remains at rates similar to early November for ICU and non-ICU beds.
- Bed usage for COVID-19 is 10% of inpatient beds and 14% of ICU beds statewide. Current hospital utilization is 88% for inpatient beds and 86% for ICU beds including COVID and non-COVID utilization.
- Hospital mortality continues to slowly increase, reflecting the high acuity of patients hospitalized with COVID-19. Overall case mortality remains stable. COVID-19 remains the leading cause of death in Arizona in a 12-month period.

# Maricopa County Analysis

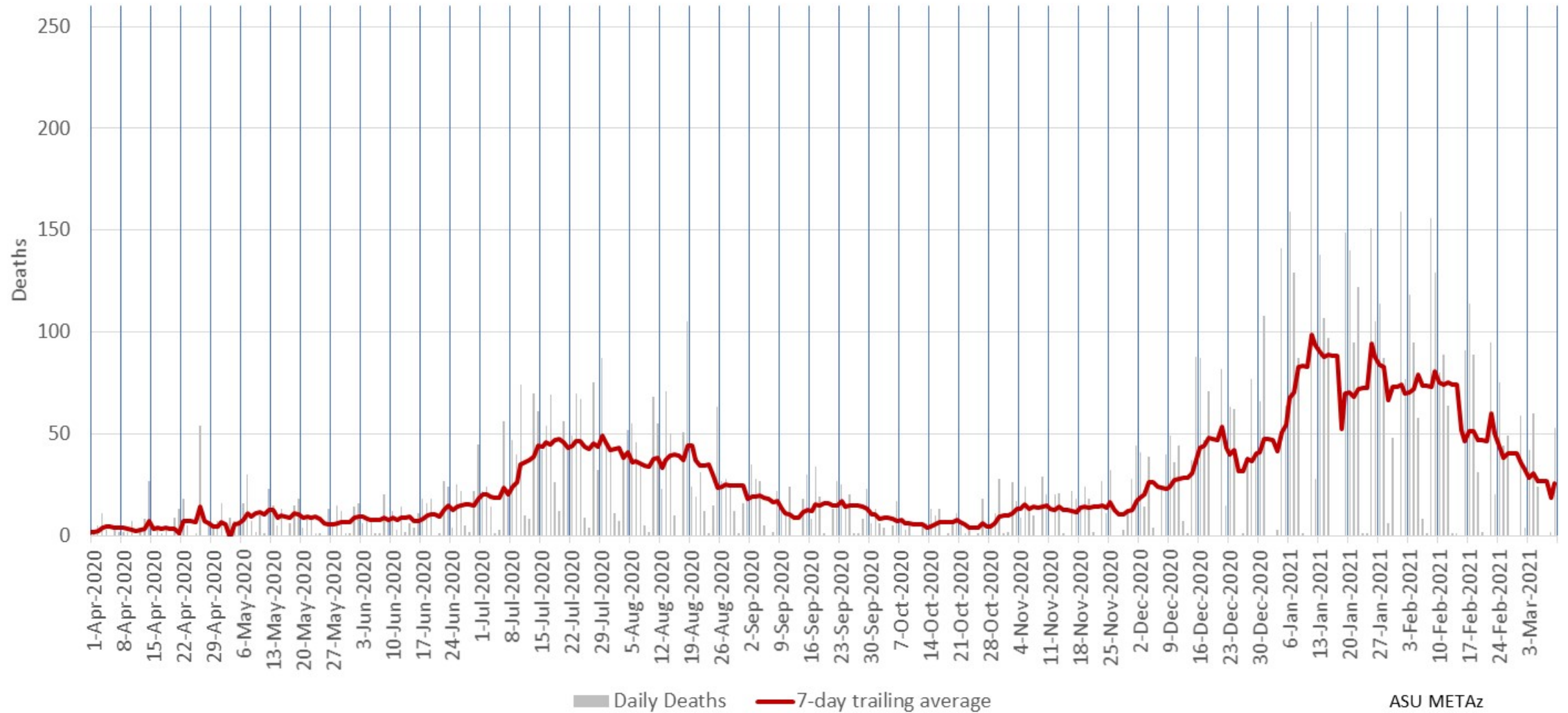


### Maricopa County Daily COVID-19 Positive Tests Results Reported (confirmed incidence)



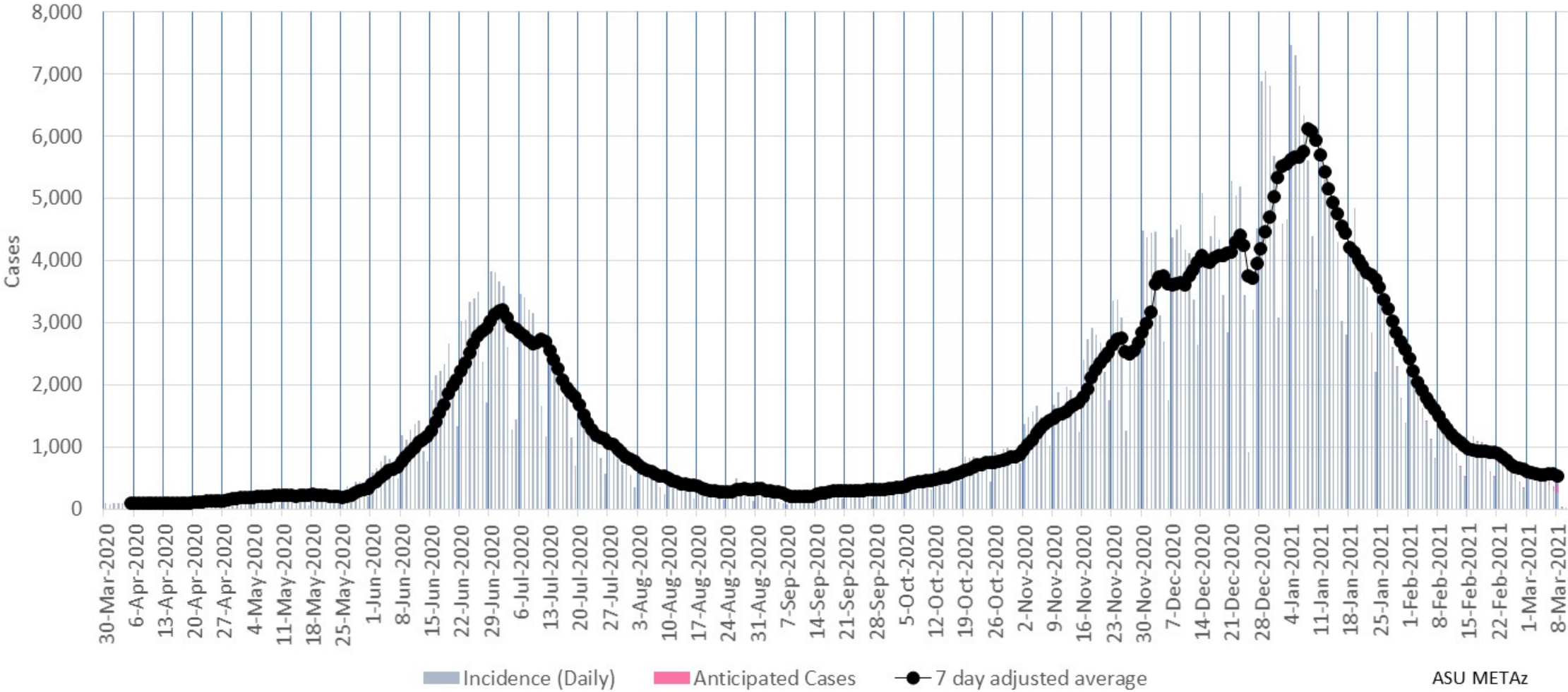
Due to the holidays, multiple days of data were held (Nov 11, 26 & 27; December 25, January 1 & 18) and reported on the next business day.

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



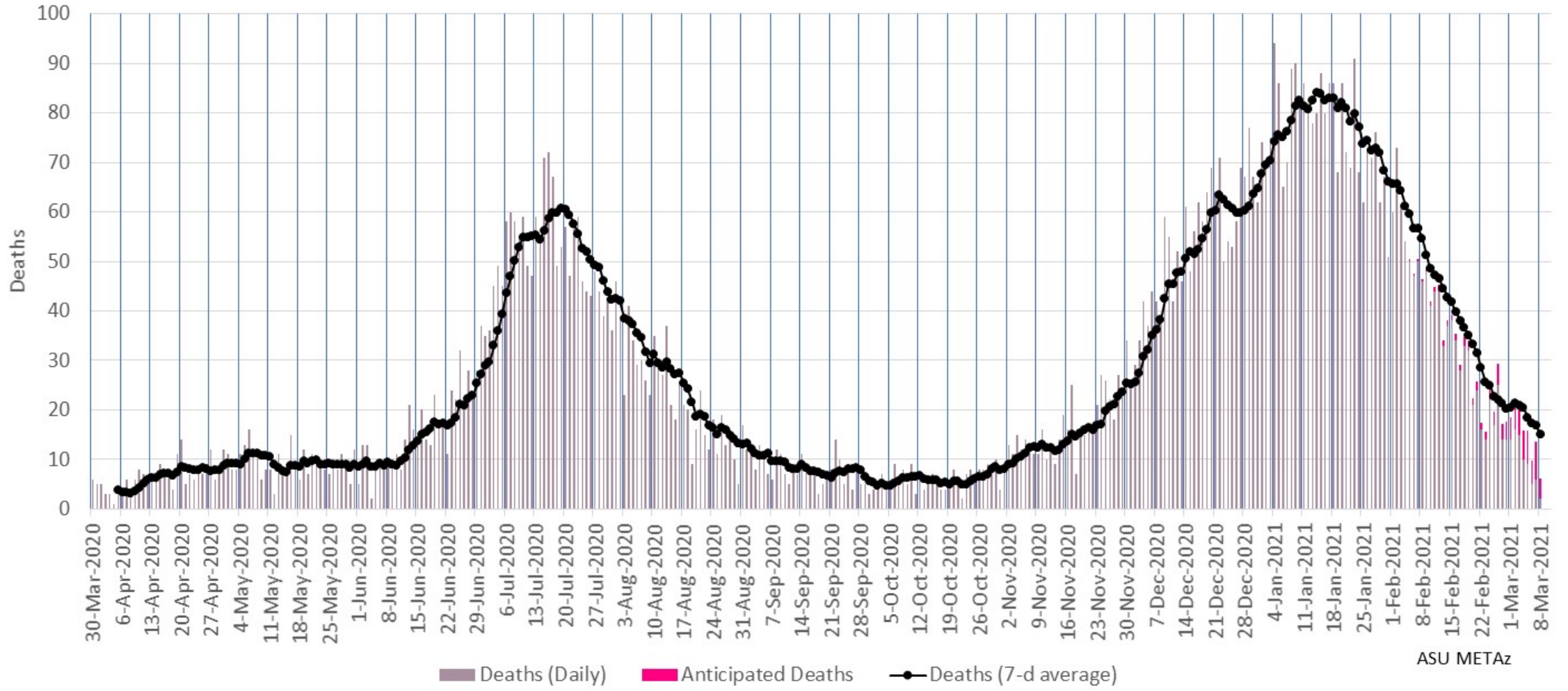
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### Maricopa County Daily COVID-19 Cases by Date of Sample Collection (Epi Curve)



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



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# Arizona Statewide Analysis

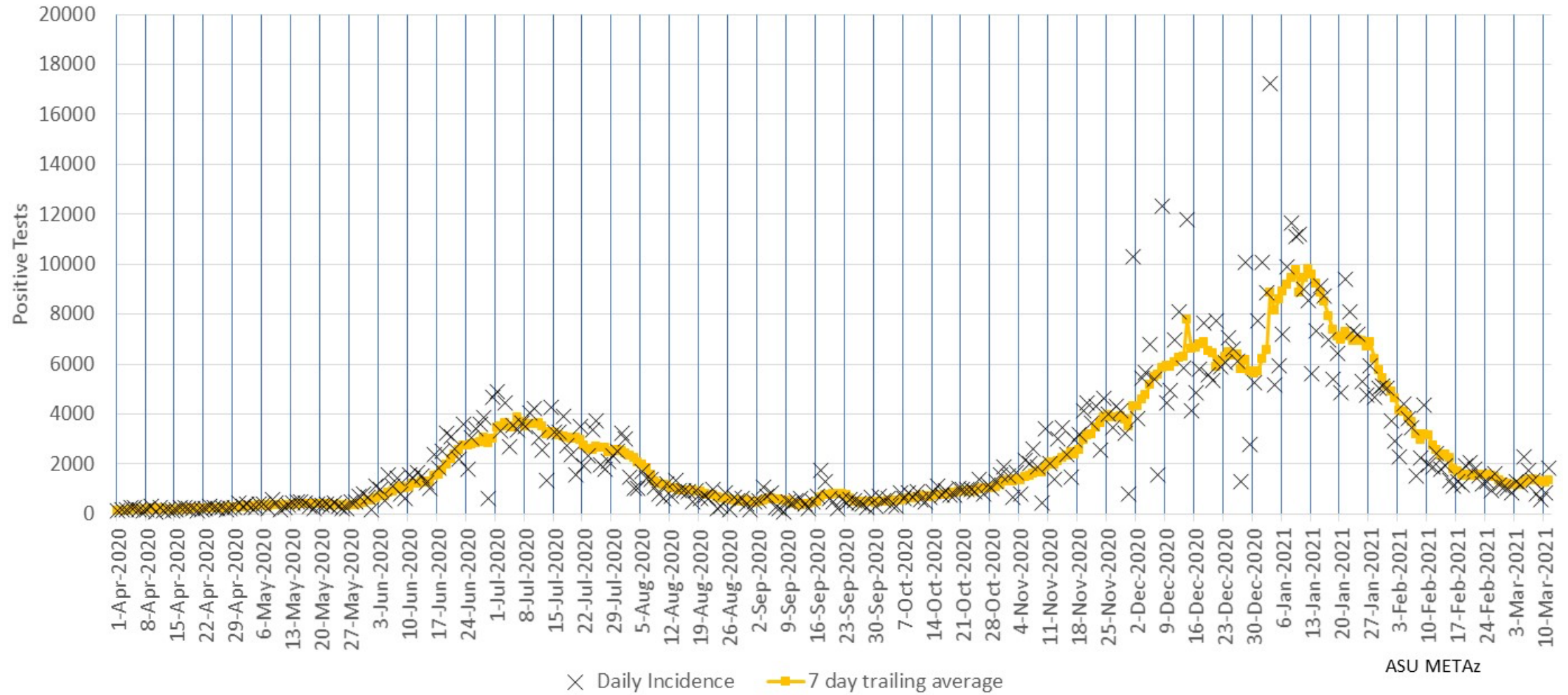




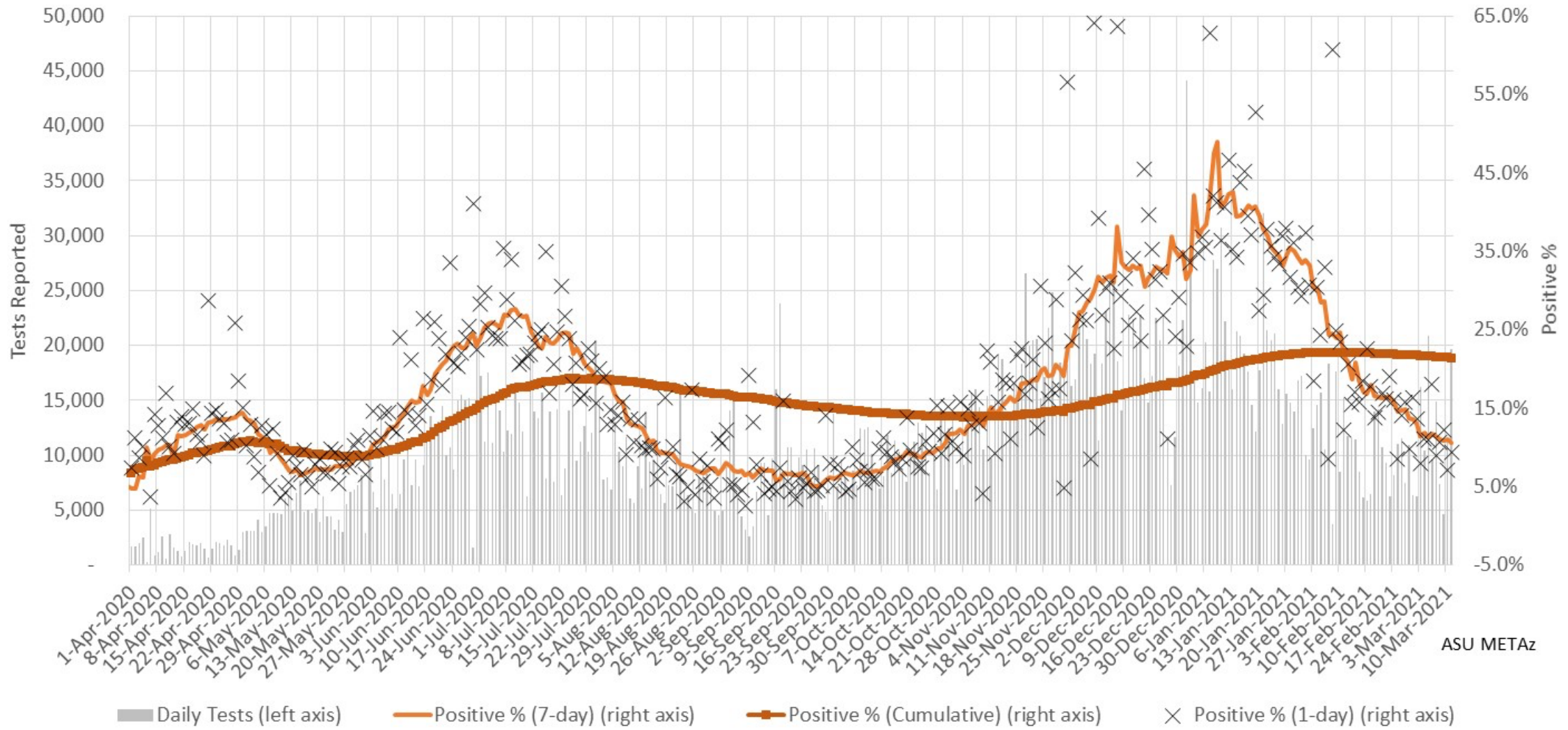
# Epidemiology



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

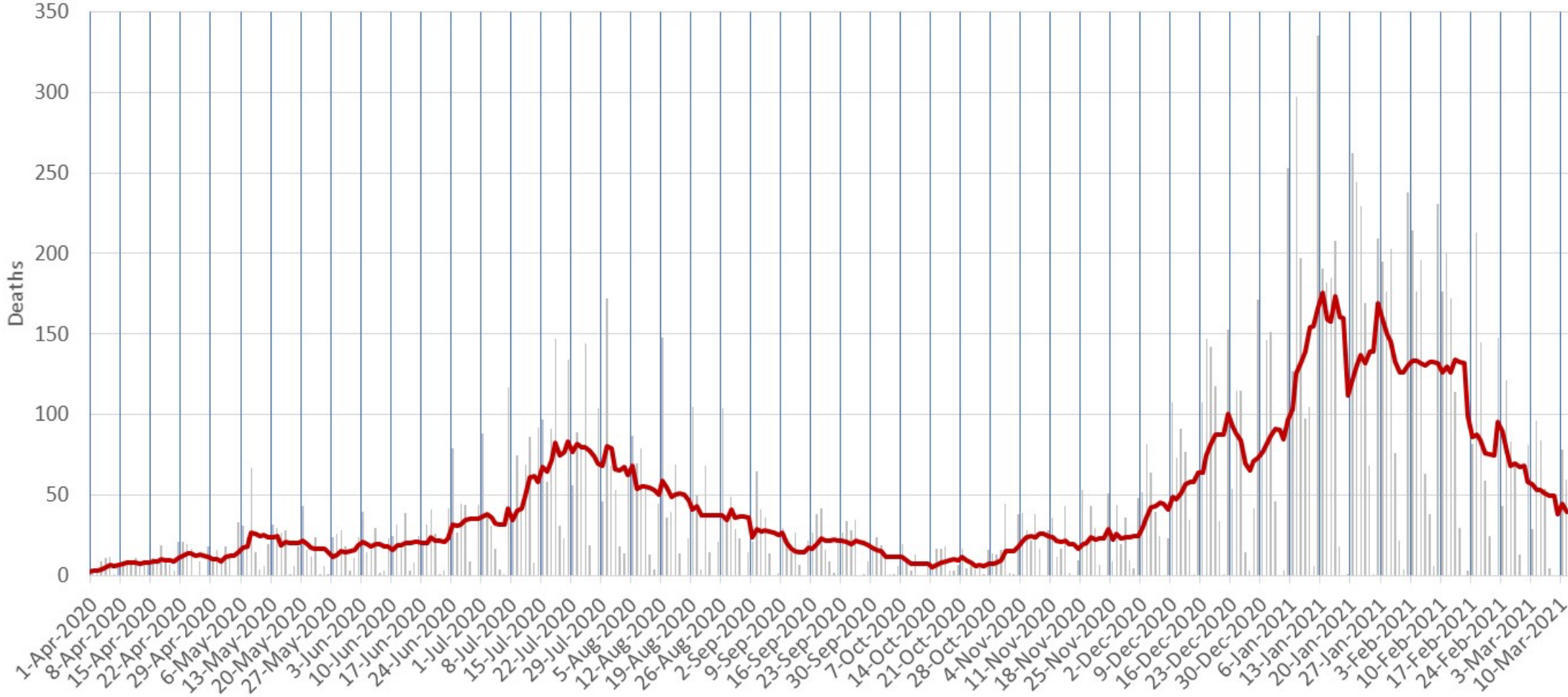


### Arizona Statewide Rolling weekly positive COVID-19 test rate



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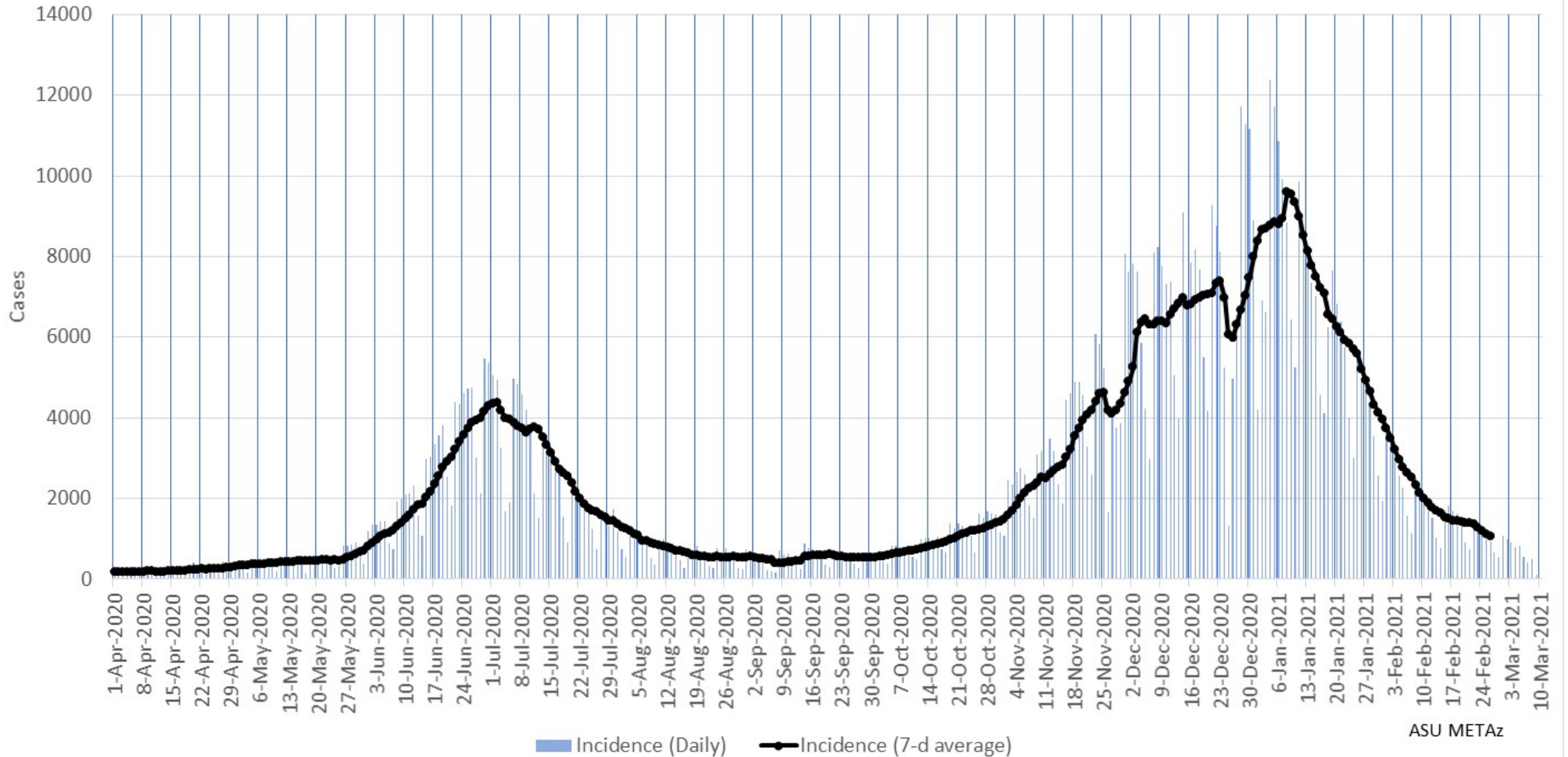
Arizona Statewide Daily COVID-19 Deaths (by date of reporting)



■ Daily Deaths    — 7-day trailing average

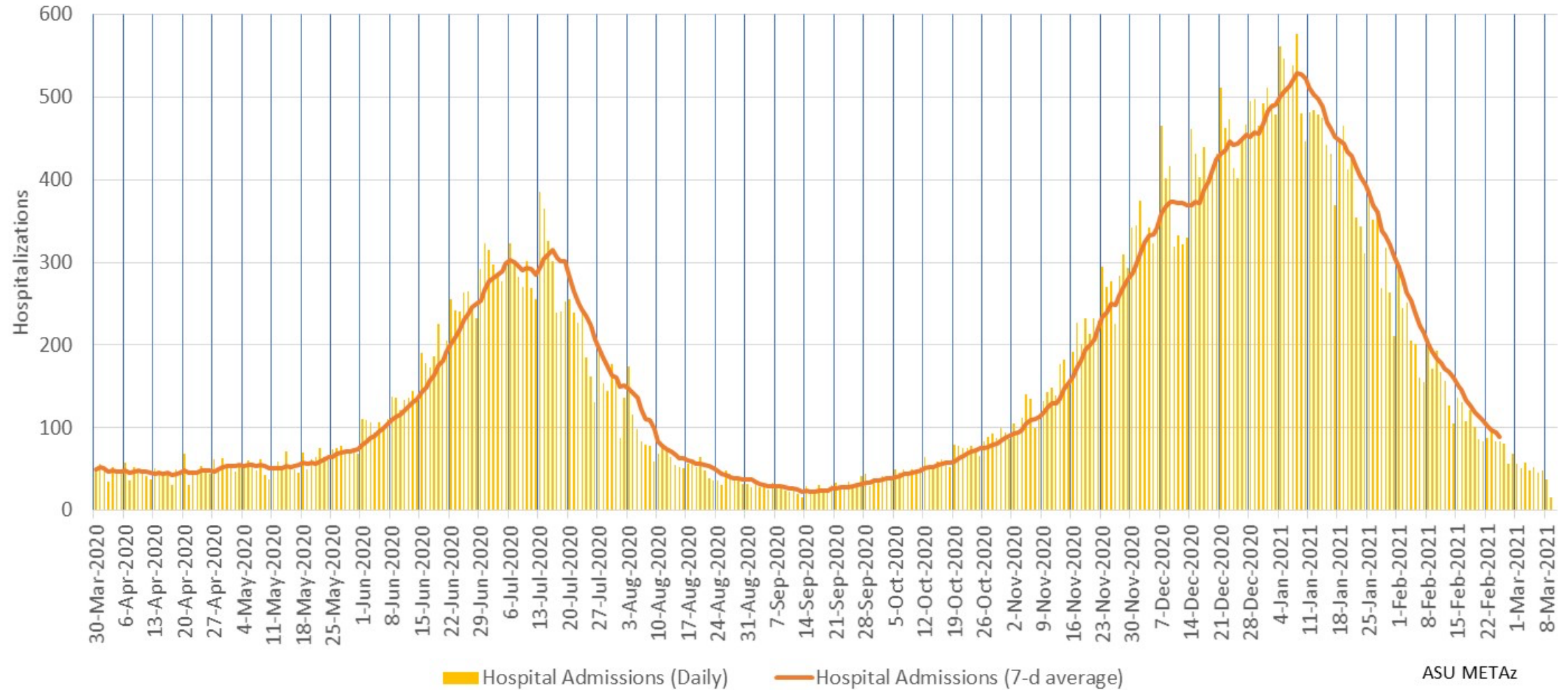
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### Arizona Statewide Daily COVID-19 Cases by Date of Sample Collection (Epi Curve)



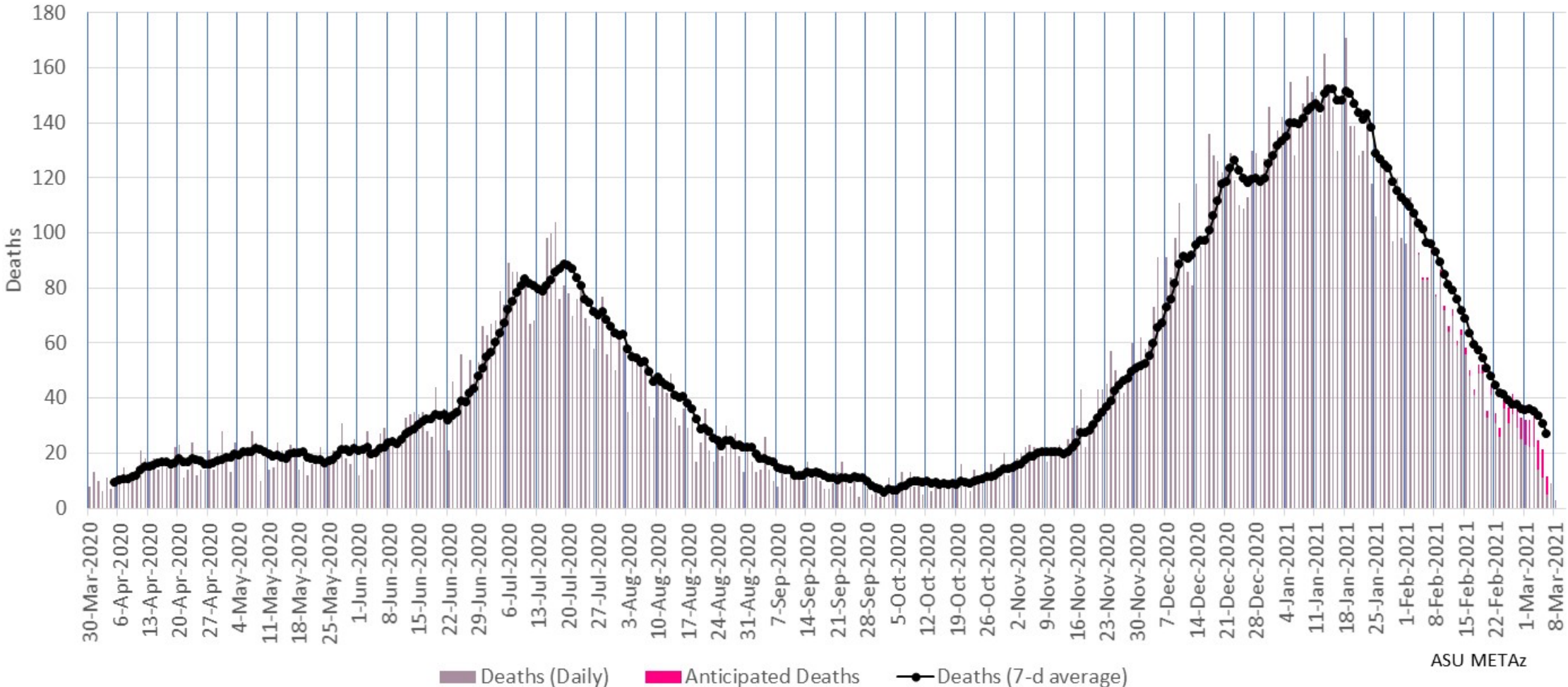
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### Arizona Statewide Daily COVID-19 Hospitalizations by Date of Hospitalization (Epi Curve)



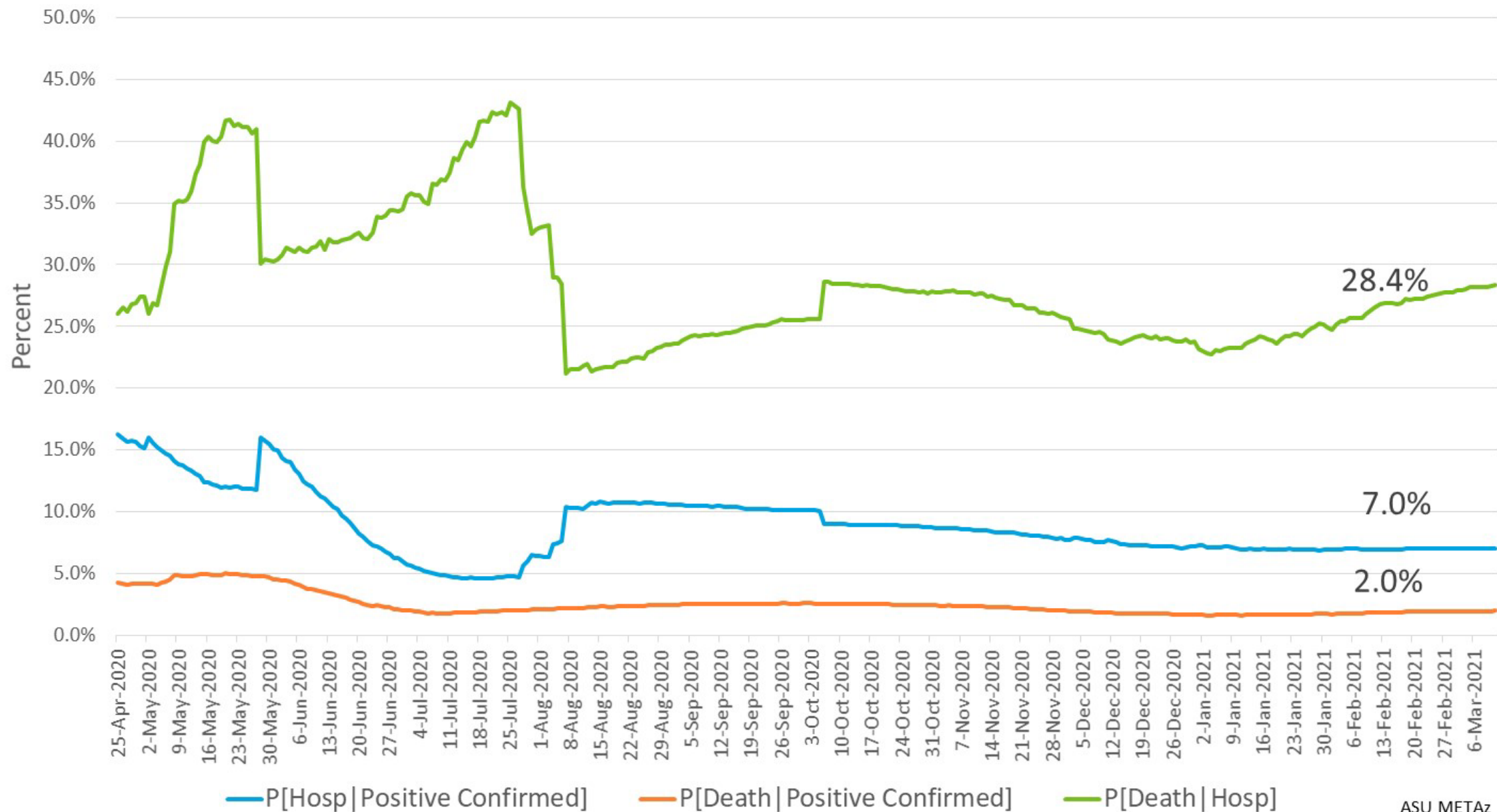
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### Arizona Statewide Daily COVID-19 Deaths by Date of Death (Epi Curve)



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# Arizona Statewide Case Fatality and Hospitalization Rates

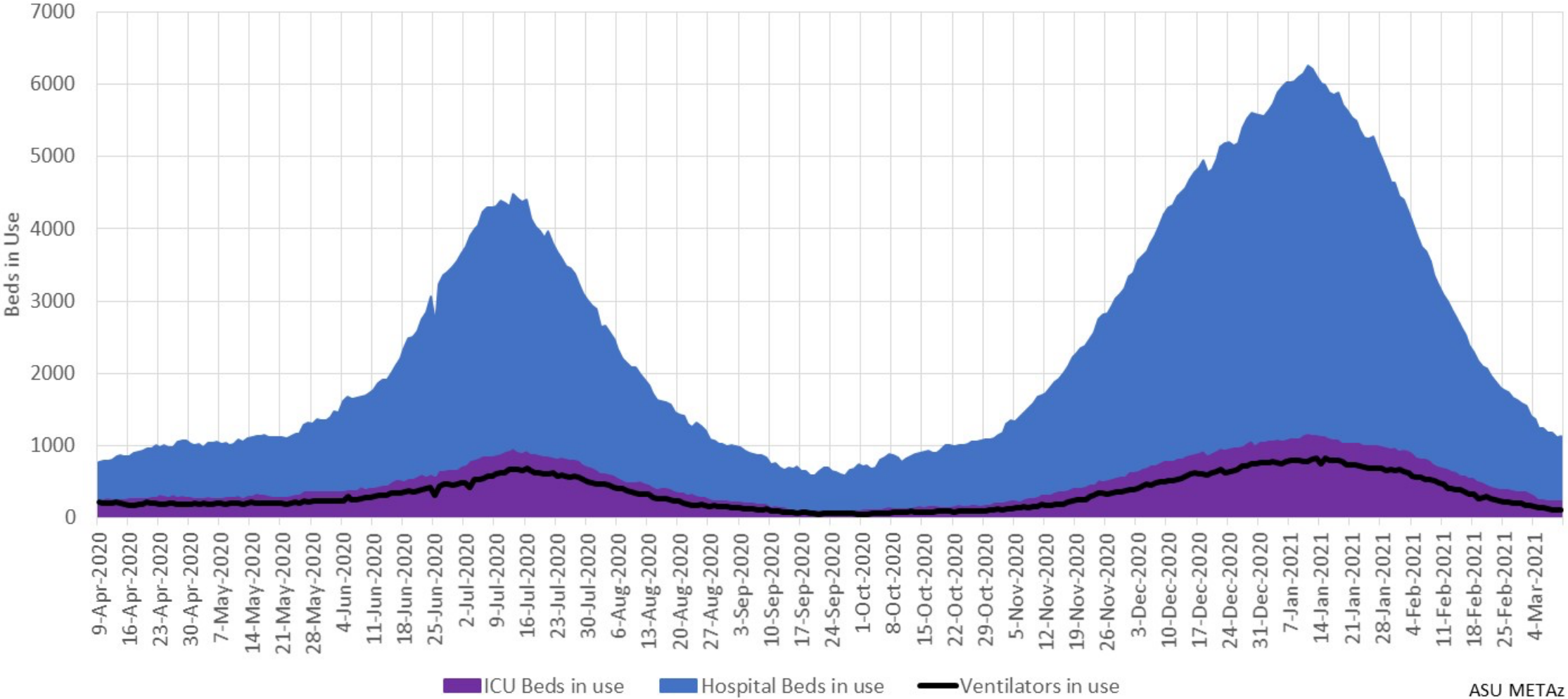




# Hospital Usage

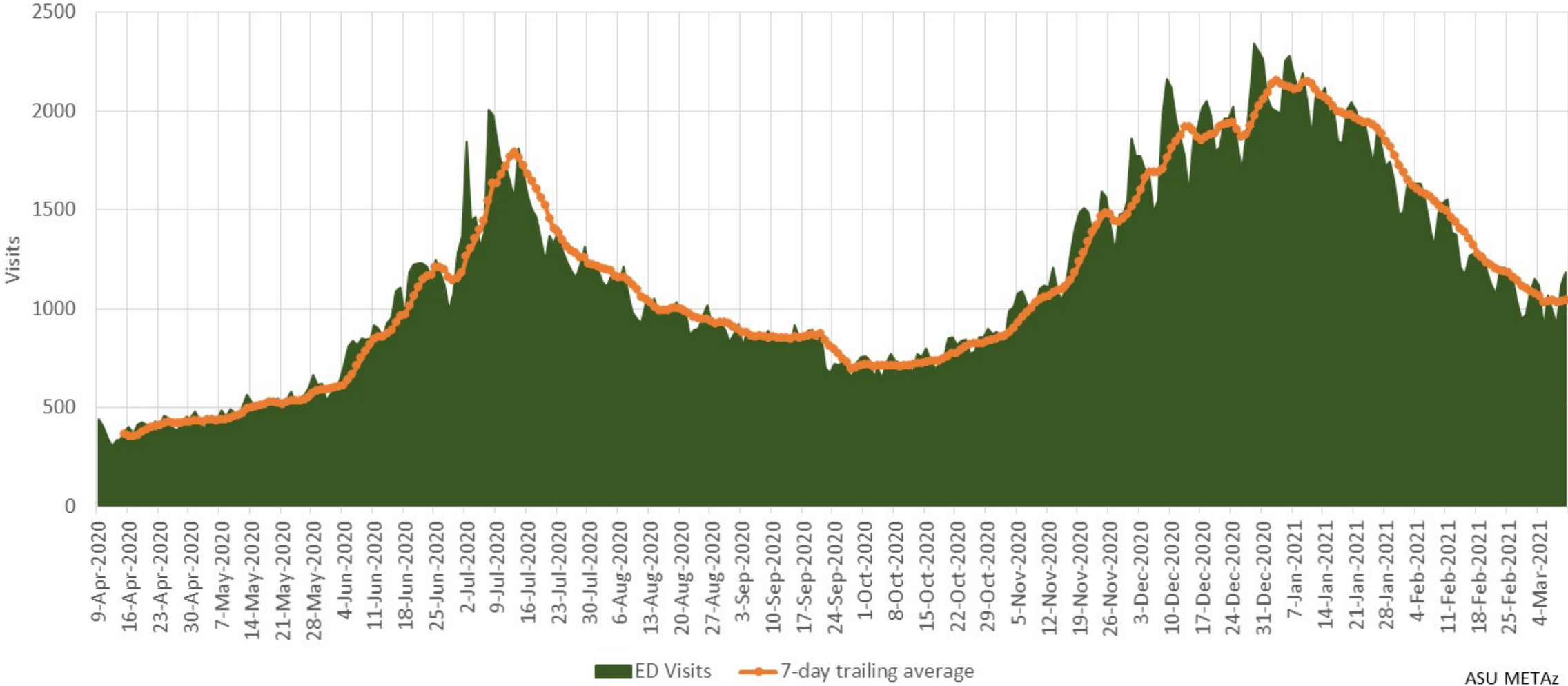


### Arizona Statewide COVID-19 Hospital Resource Utilization



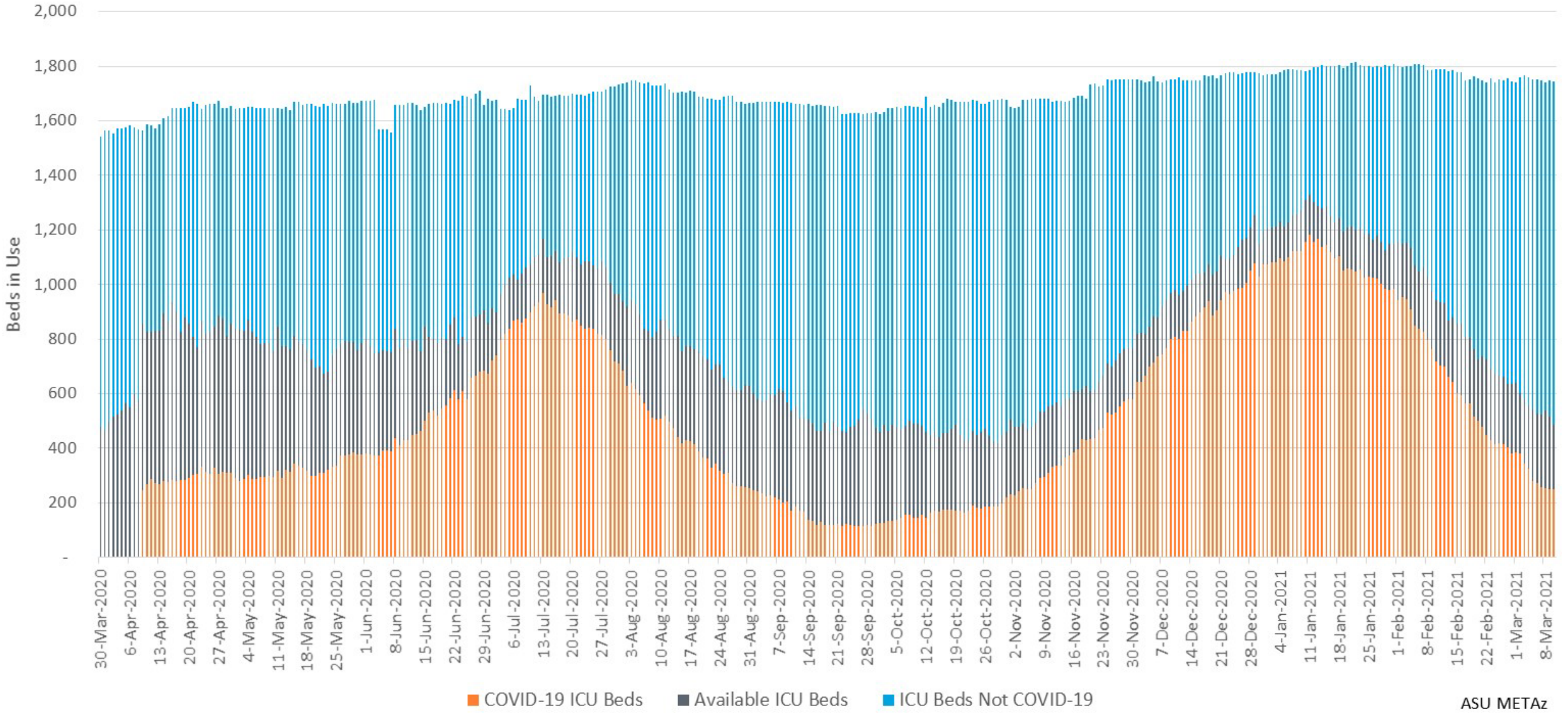
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# Arizona Statewide COVID-19 Emergency Department Visits



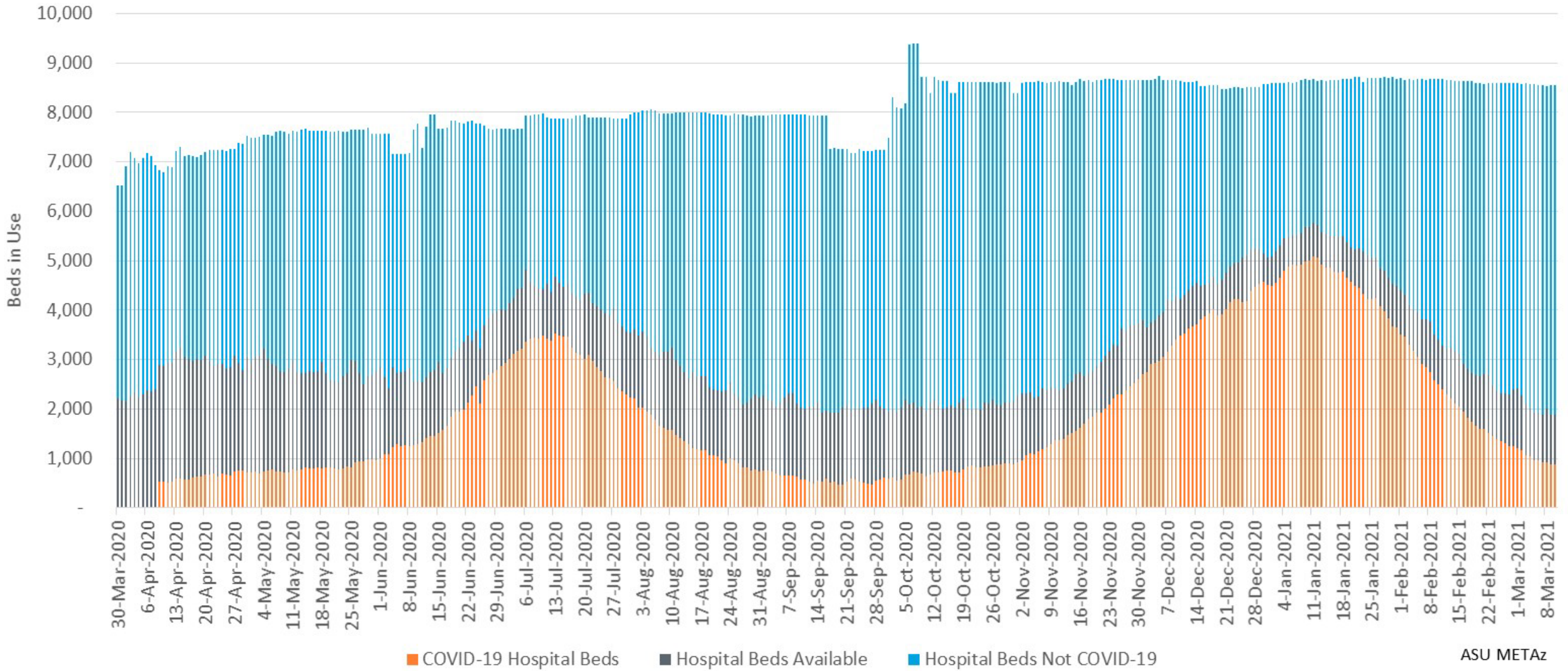
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# Arizona Statewide ICU Bed Usage



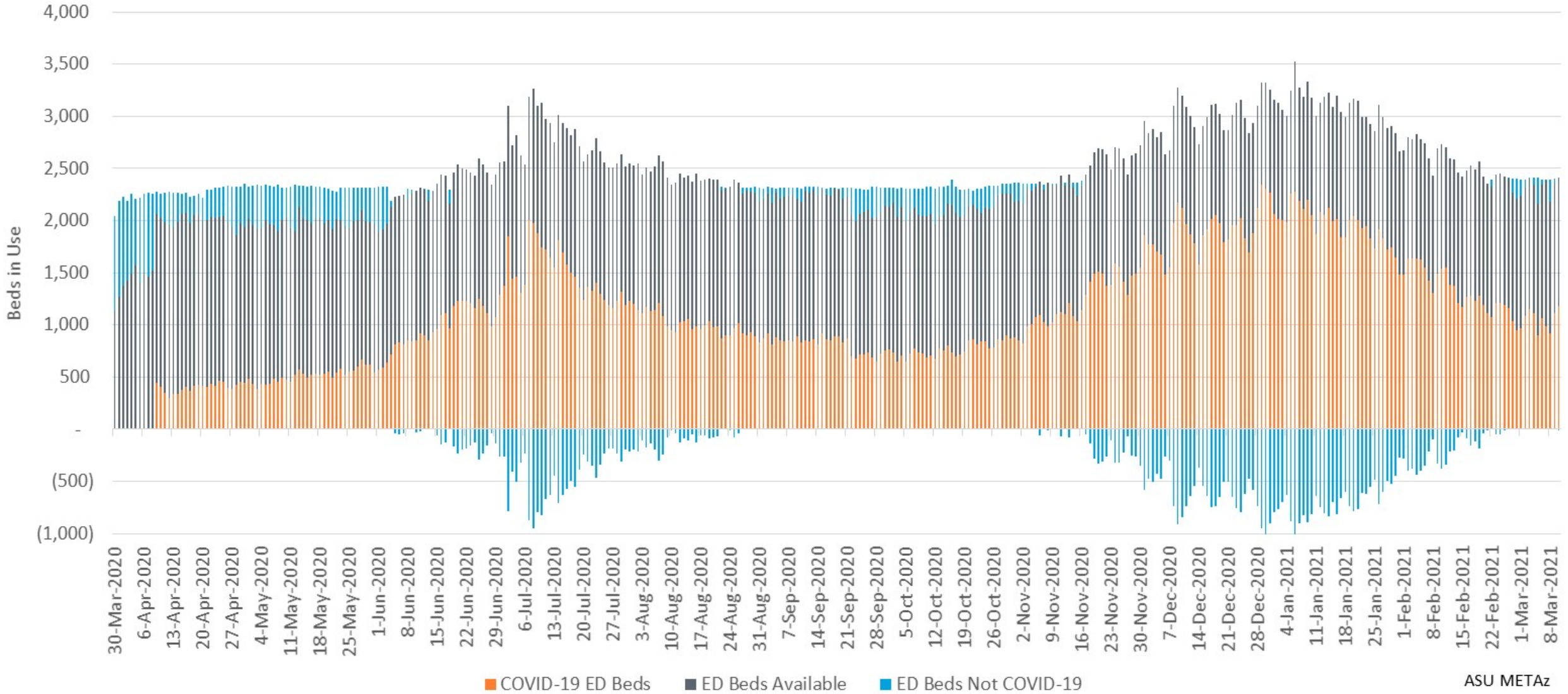
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# Arizona Statewide Inpatient Bed Usage



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# Arizona Statewide ED Bed Usage



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