



# COVID Epidemiology Situation Update

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**March 25, 2021**

# Summary

	Statewide	Maricopa
<b>Additions</b>	337	172
<b>Removals</b>	-199	-202
<b>Reported</b>	138	-30

March 25, 2021				
	Statewide		Maricopa	
	Reported Today	Cumulative	Reported Today	Cumulative
<b>Cases</b>	138	837,987	-30	522,285
<b>PCR Tests</b>	9,268	4,002,614	5,702	2,392,790
<b>% Positive</b>		20.9%		14.5%
<b>Hospitalizations</b>	18	58,813	8	36,345
<b>Deaths</b>	32	16,874	18	9,619

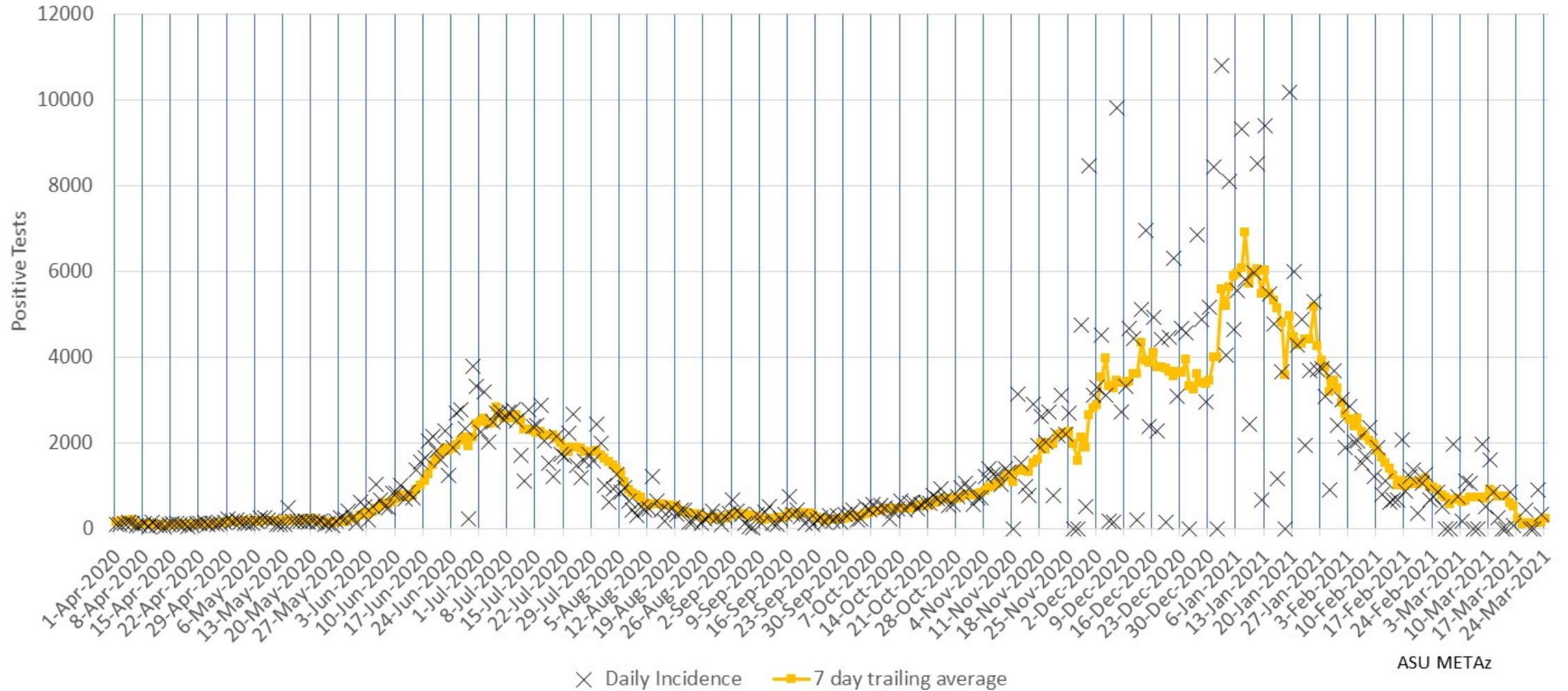
*All data pulled from azdhs.gov. Numbers may not match Maricopa county data.*

- Today's reported statewide case count is 138 with -30 cases in Maricopa County. This is due to back-correction of data, including additions and removals of cases from September to the present. Removal of cases is usually a correction for double reporting or incident date. The majority of cases added are from the past 2 weeks, while removals date back to October. Daily positivity is not included in the table today, due to the data corrections.
- The 7-day average for reported cases continues to trend downward and is 519 today.
- 7-day average positivity continues to trend downward and has now dropped below 10% for ten days.
- Hospital utilization continues to decline slowly and remains at rates similar to mid-October for ICU and non-ICU beds, and mid-November for ER visits for COVID-19.
- Bed usage for COVID-19 is 7% of inpatient beds and 10% of ICU beds statewide. Current hospital utilization is 88% for inpatient beds and 85% 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 despite improved clinical treatment options. Overall case mortality remains stable. COVID-19 remains the leading cause of death in Arizona in a 12-month period.

# Maricopa County Analysis



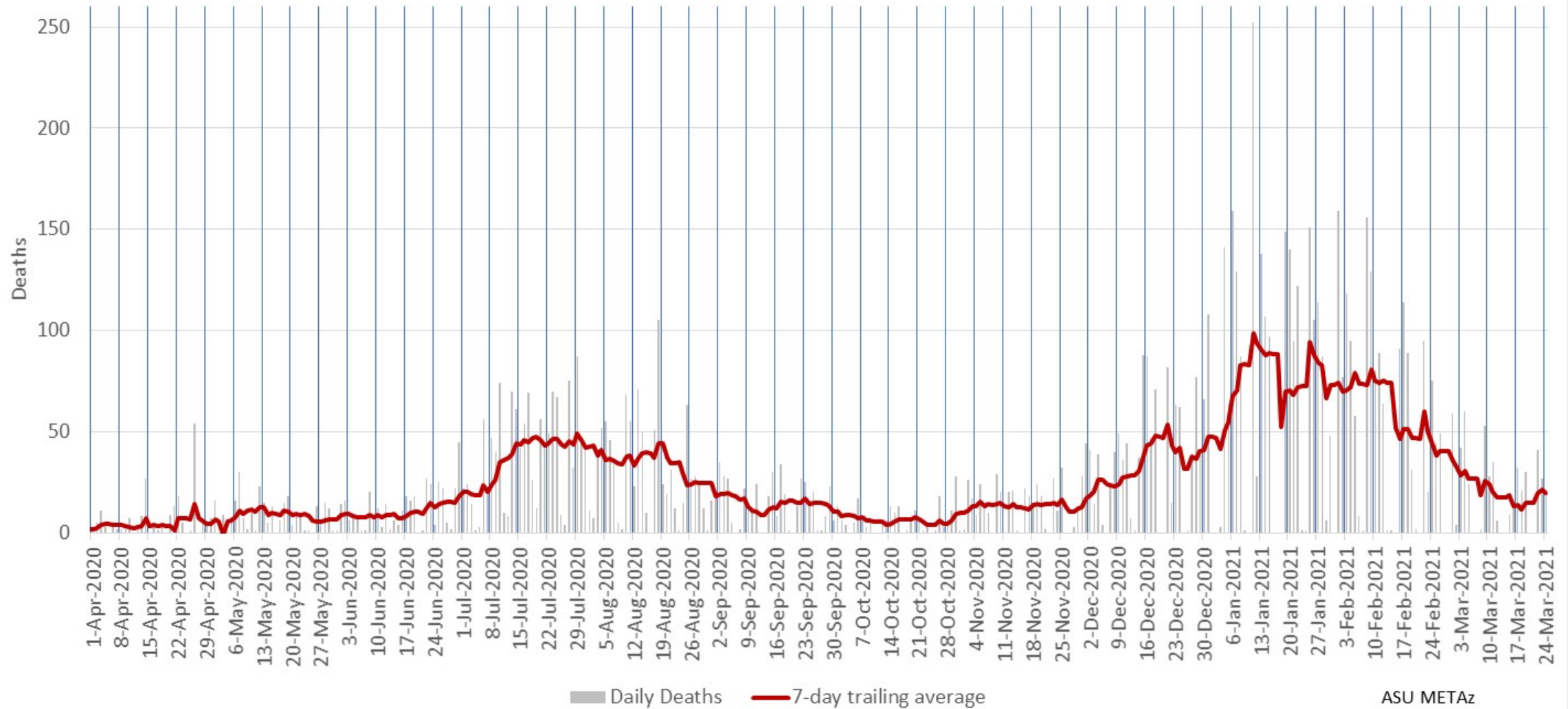
### Maricopa County Daily COVID-19 Positive Tests Results Reported (confirmed incidence)



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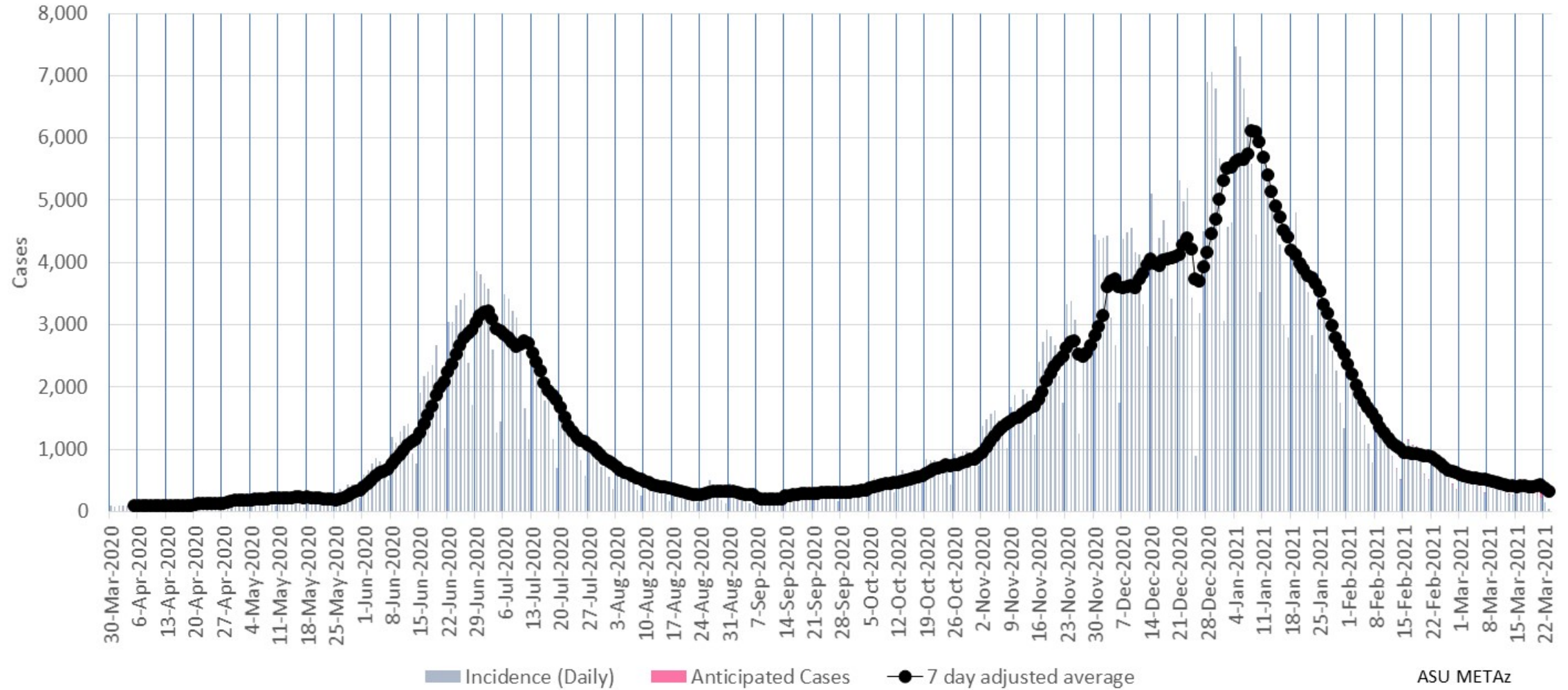
Due to the holidays, multiple days of data were held (Nov 11, 26 & 27; December 25, January 1 & 18) and reported on the next business day.

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



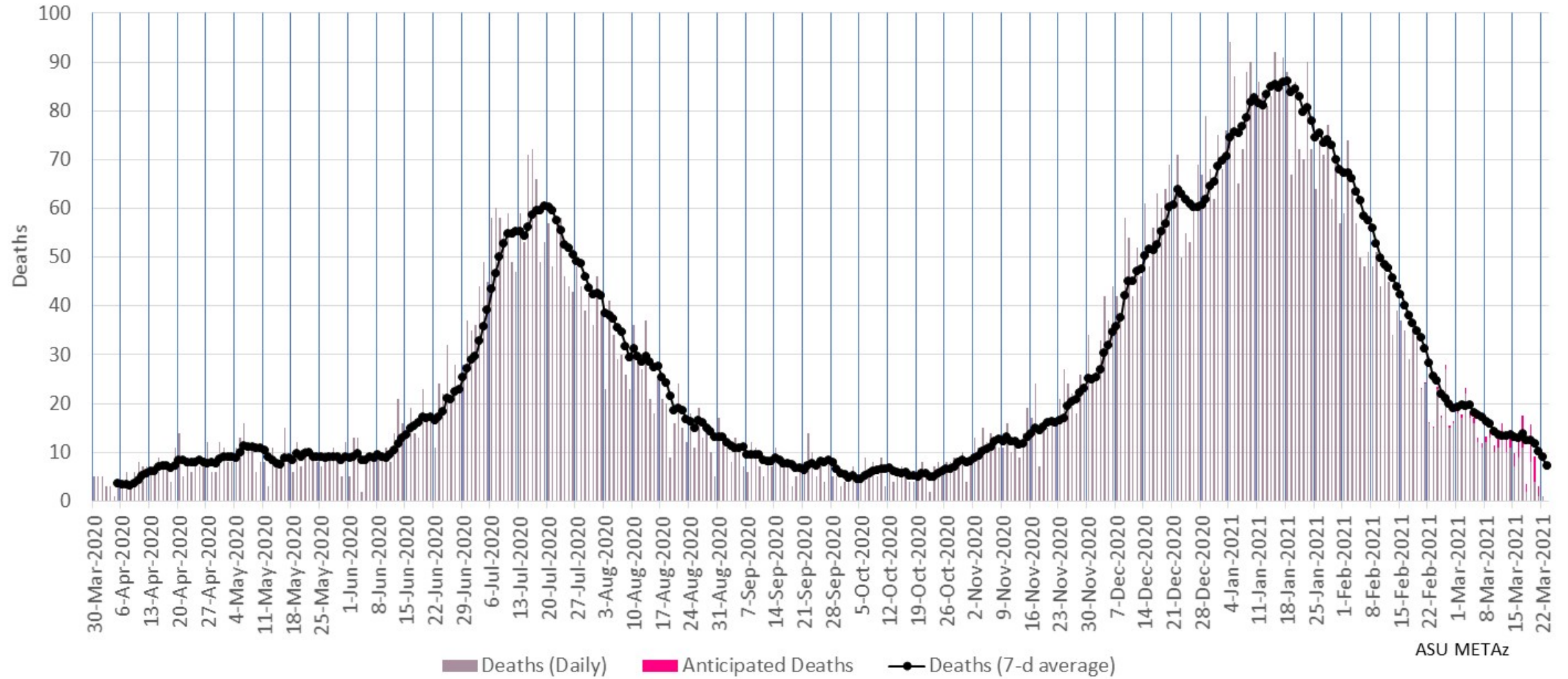
Due to the holidays, multiple days of data were held (Nov 11, 26 & 27; December 25, January 1) and reported on the next business day.

### 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

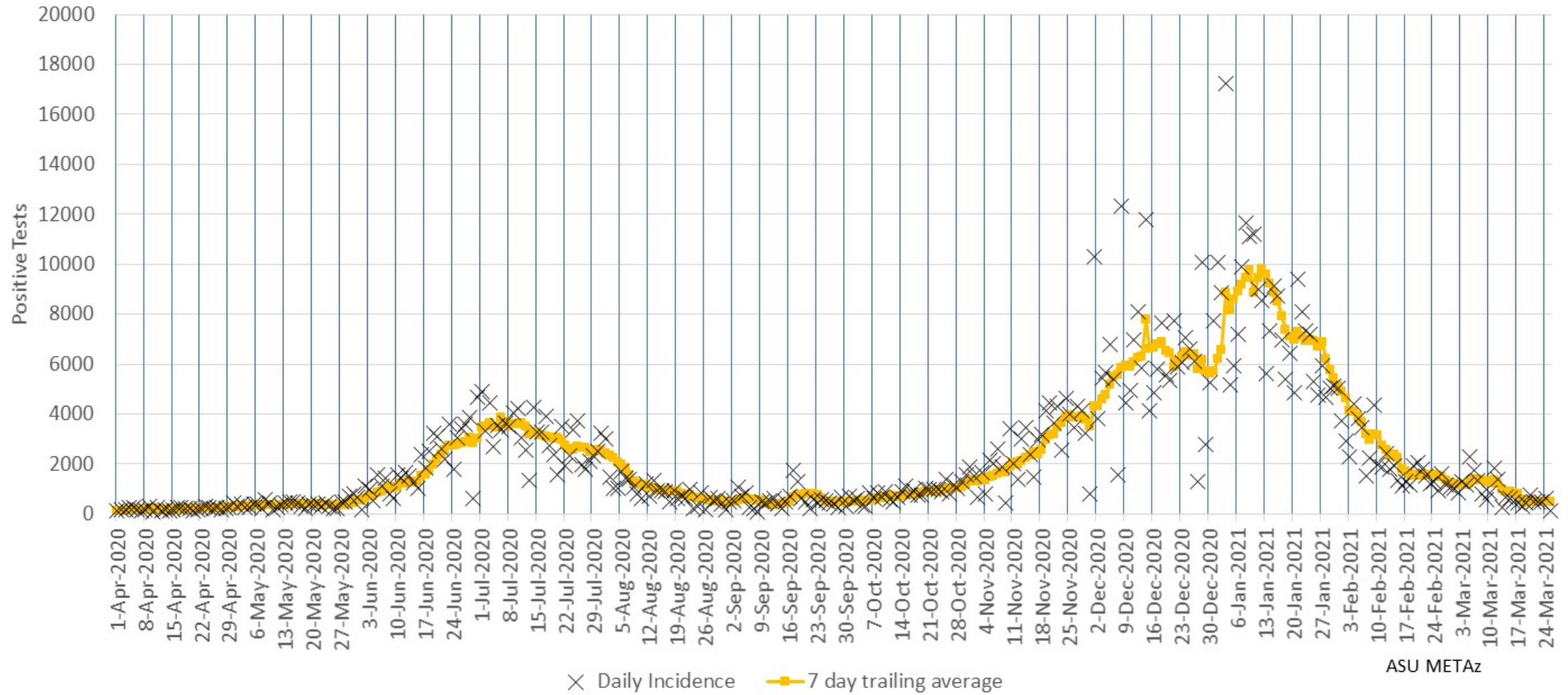




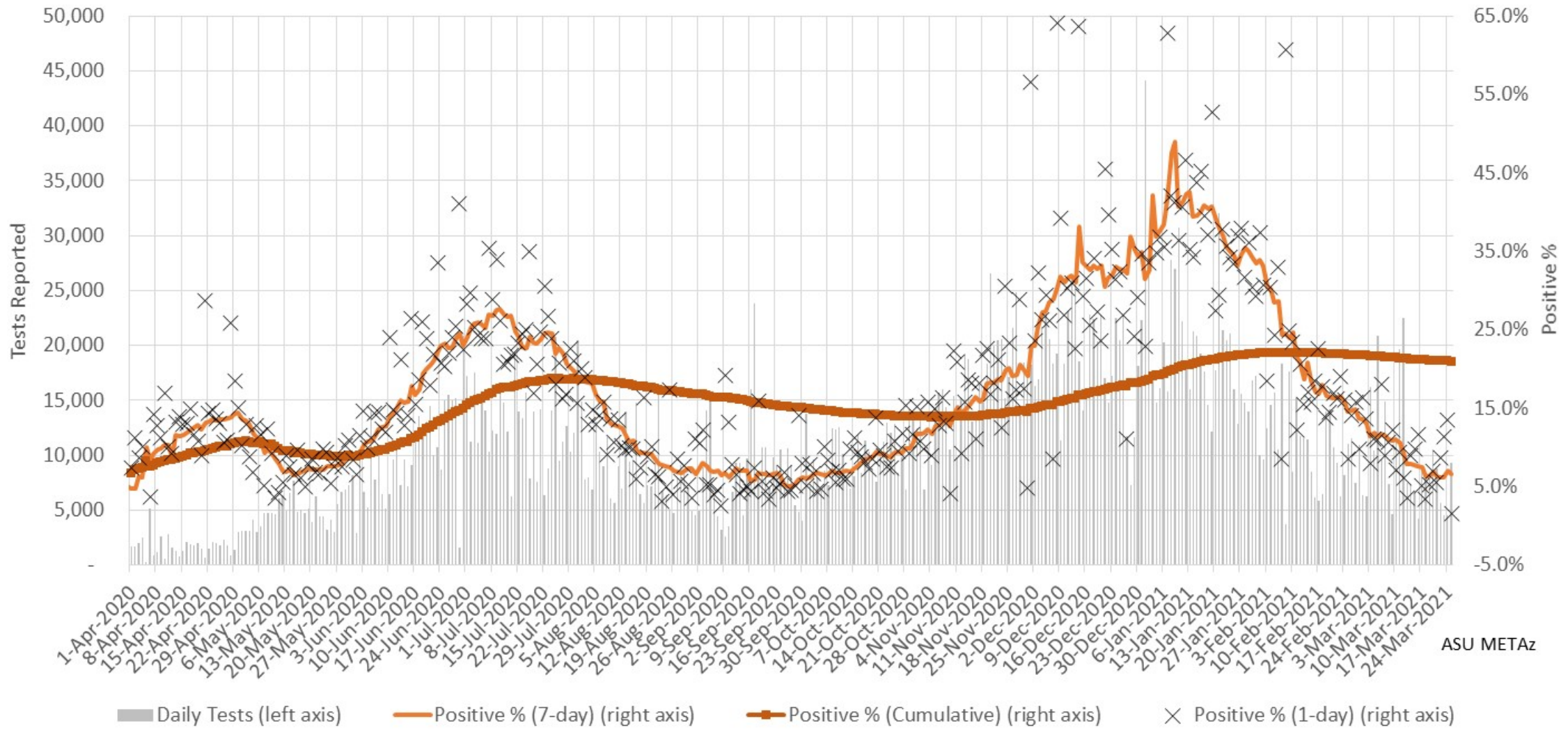
# Epidemiology



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

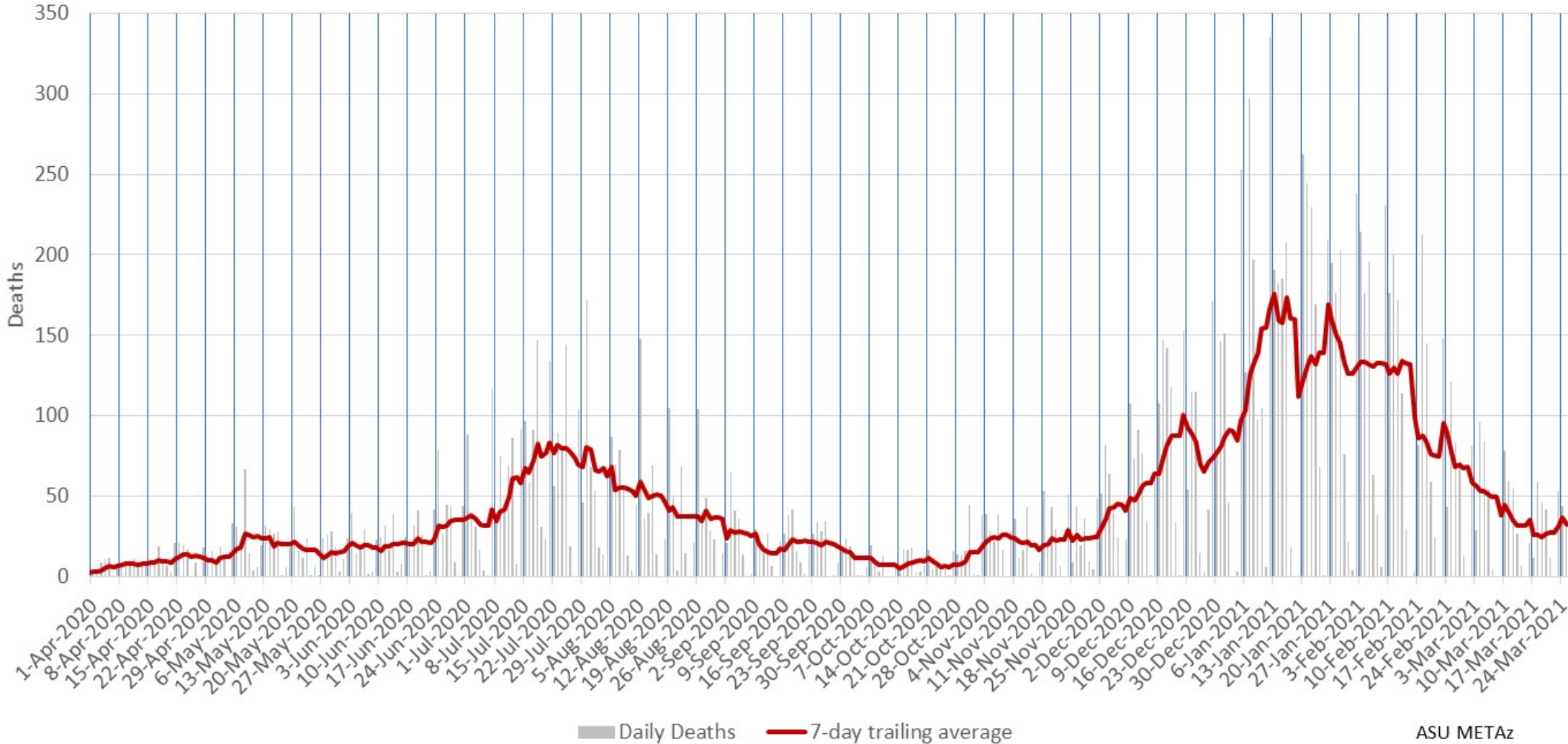


### Arizona Statewide Rolling weekly positive COVID-19 test rate

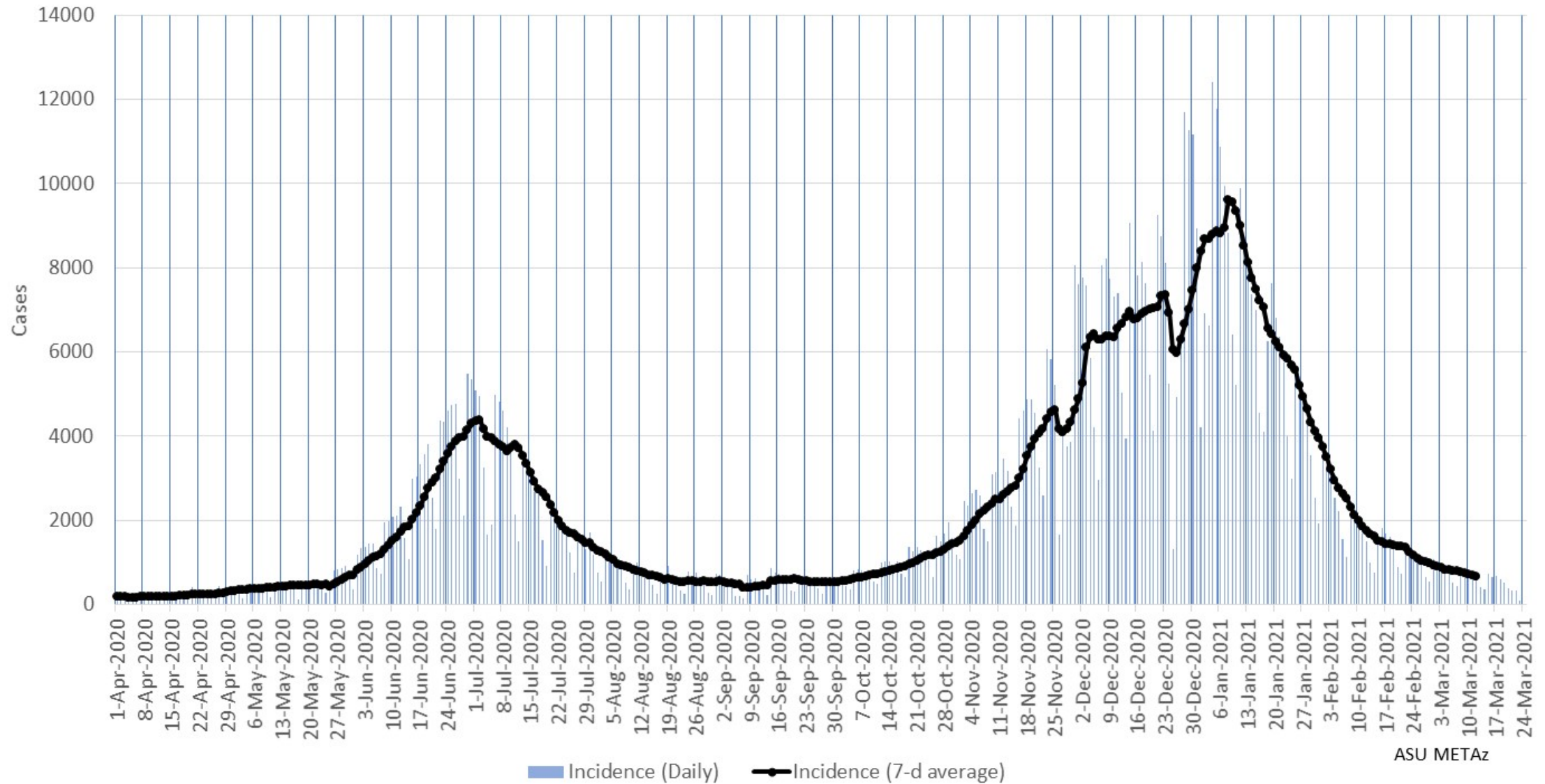


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### Arizona Statewide Daily COVID-19 Deaths (by date of reporting)

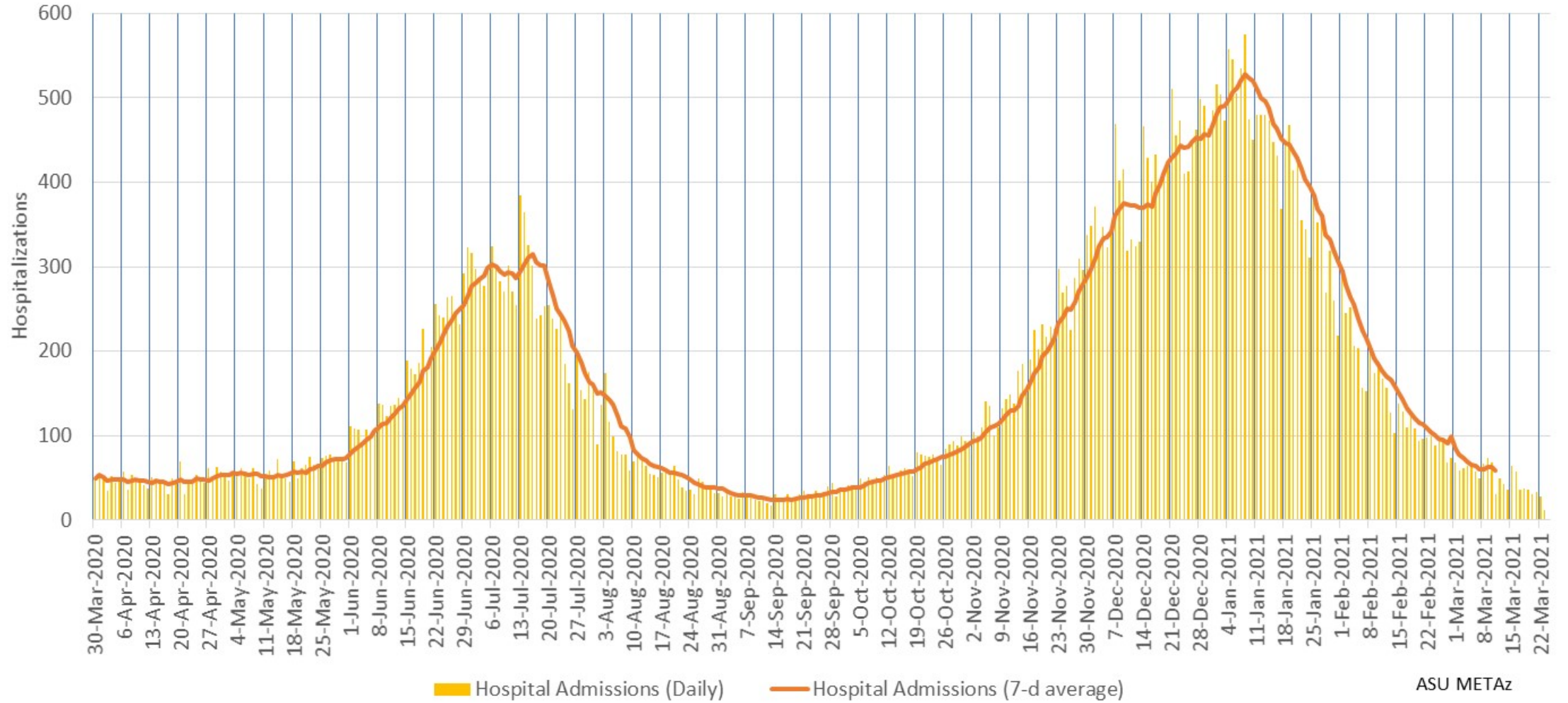


# Arizona Statewide Daily COVID-19 Cases by Date of Sample Collection (Epi Curve)



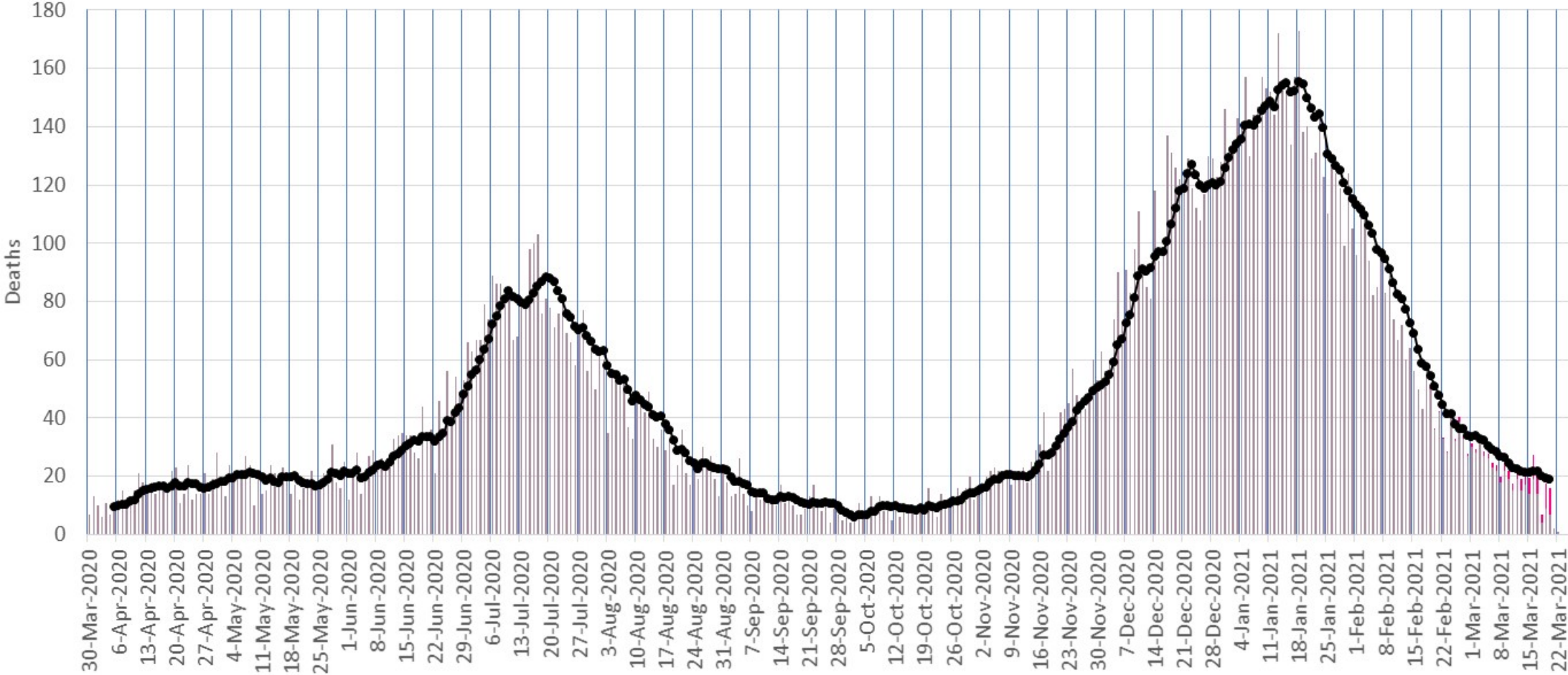
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### Arizona Statewide Daily COVID-19 Hospitalizations by Date of Hospitalization (Epi Curve)



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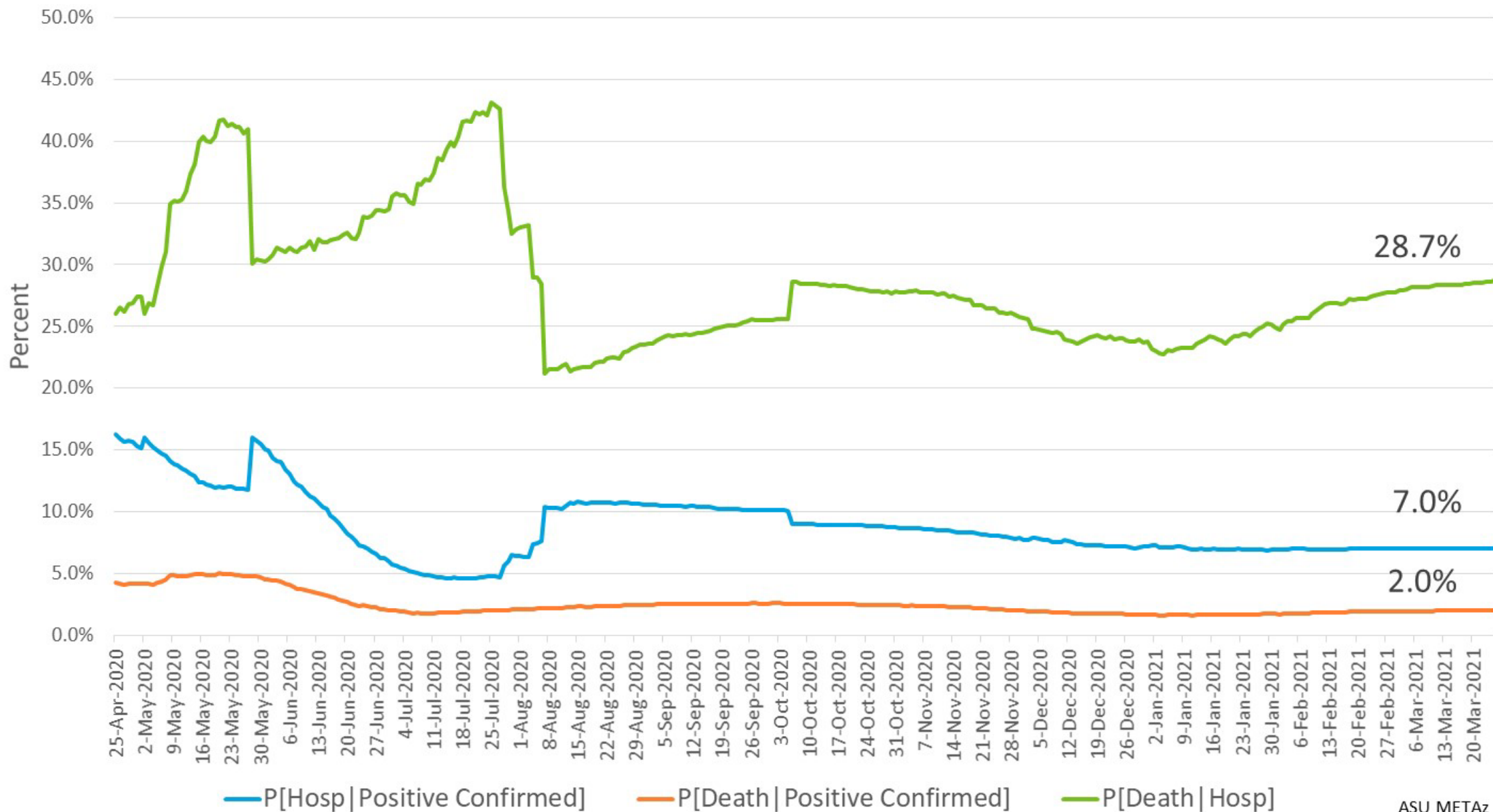
Arizona Statewide Daily COVID-19 Deaths by Date of Death  
(Epi Curve)



Deaths (Daily)    Anticipated Deaths    Deaths (7-d average)

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# Arizona Statewide Case Fatality and Hospitalization Rates



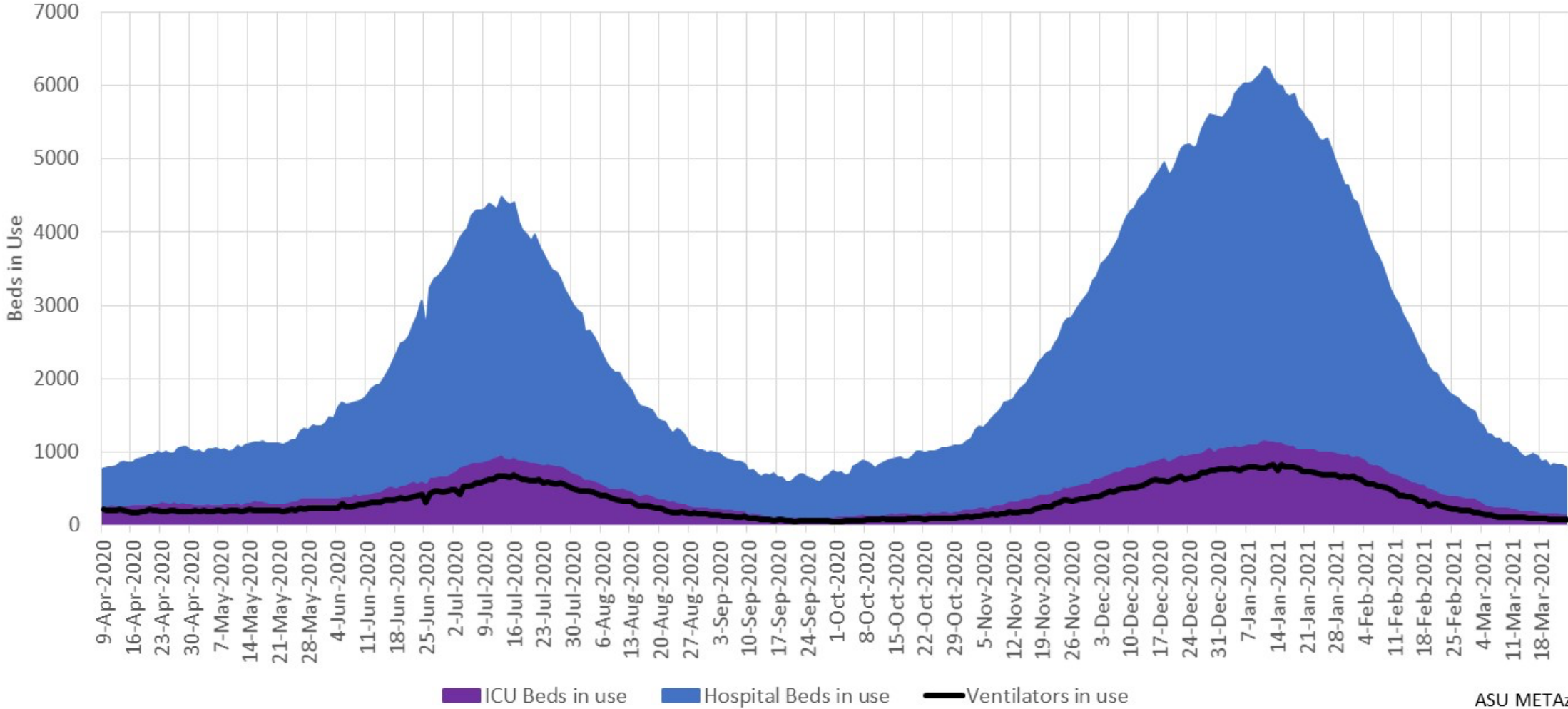
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# Hospital Usage

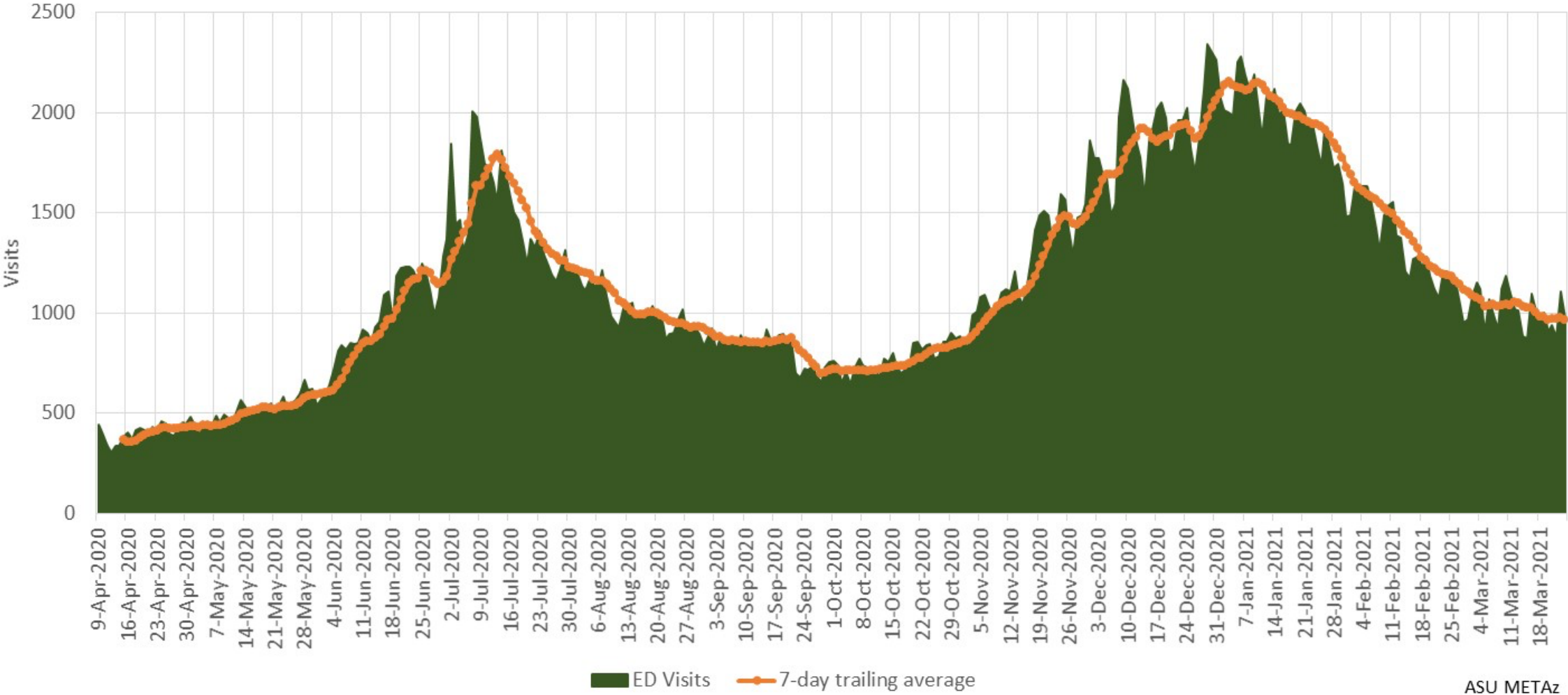


# Arizona Statewide COVID-19 Hospital Resource Utilization



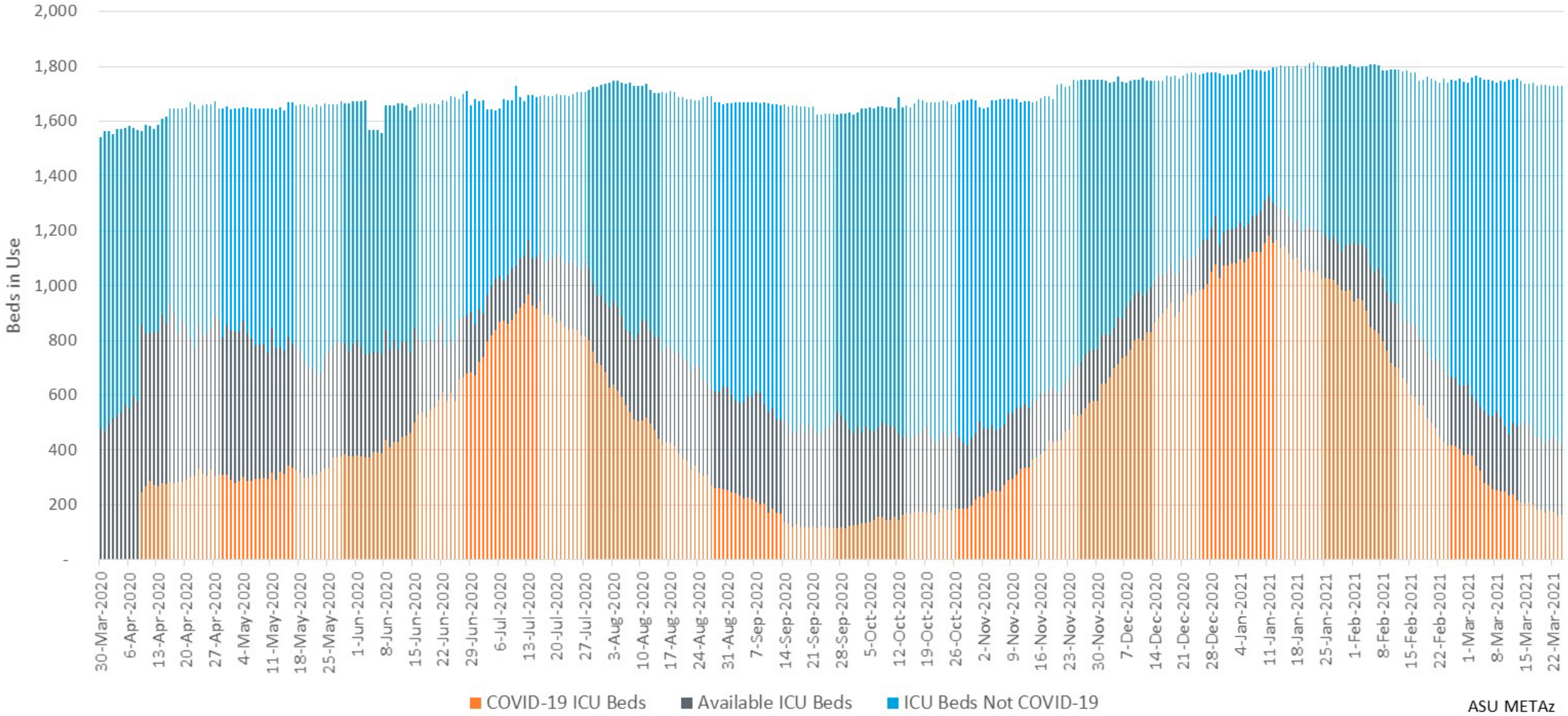
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### Arizona Statewide COVID-19 Emergency Department Visits



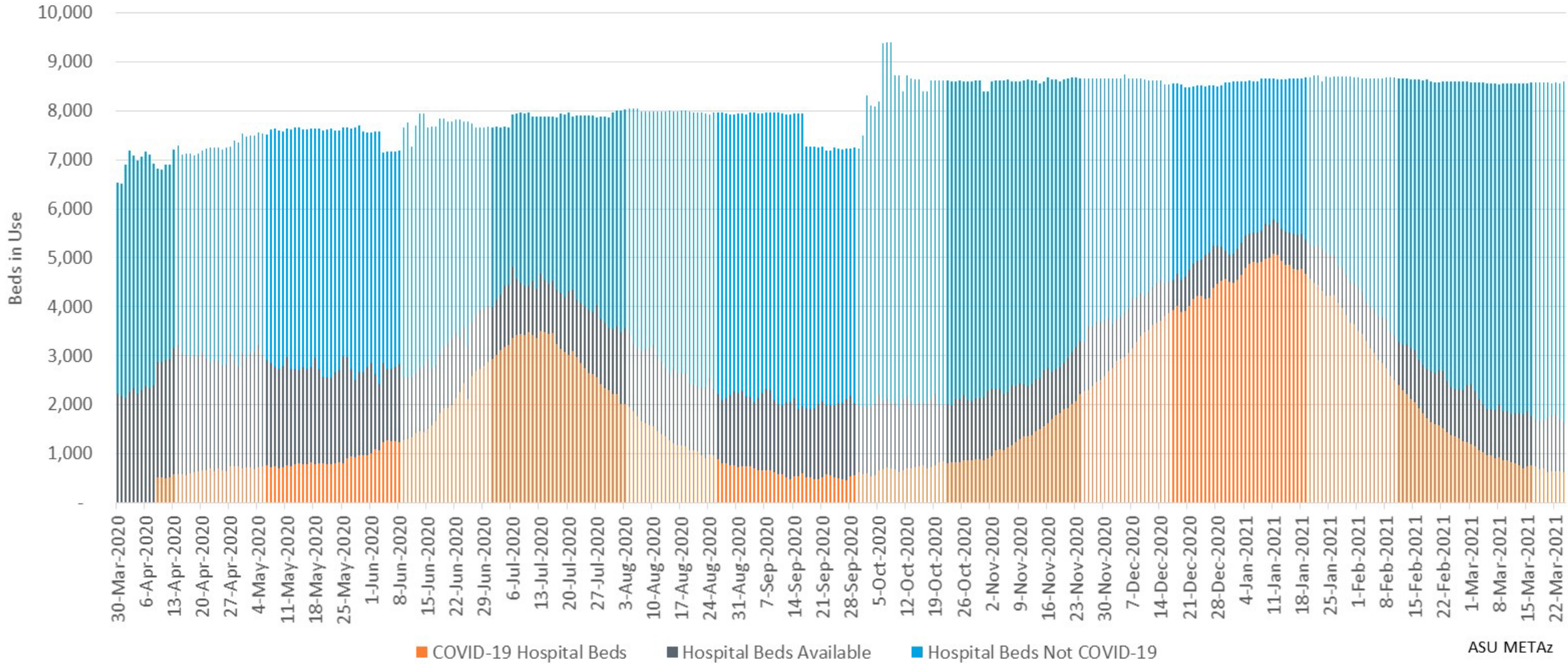
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# Arizona Statewide ICU Bed Usage



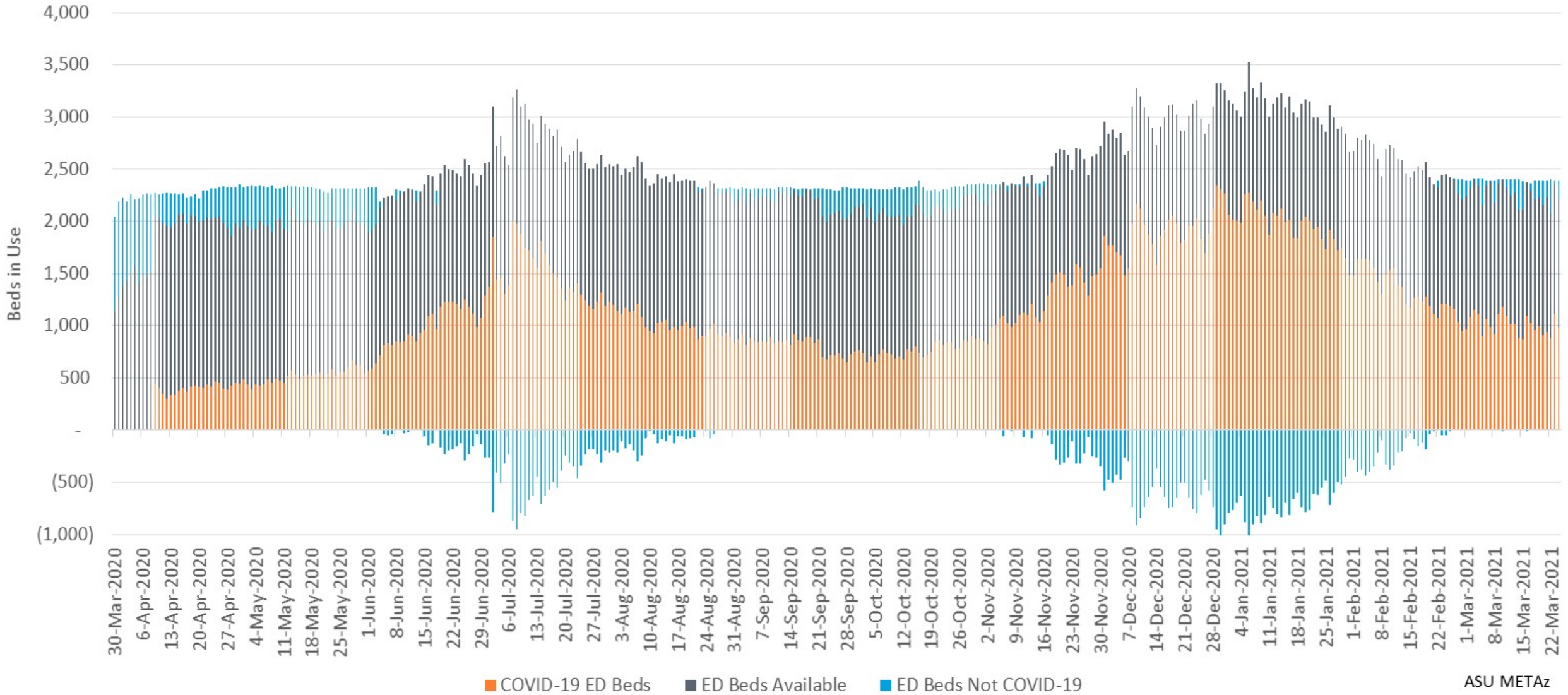
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# Arizona Statewide Inpatient Bed Usage



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# Arizona Statewide ED Bed Usage



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