

Infectious Disease Chartbook

As of 11/8/22

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This Week's Infectious Disease Headlines

New This Month



[U.S. Flu Season Off To A Fast Start](#)



[COVID-19 Hospital Admissions Increase After Two Month Decline](#)



[RSV Hospitalizations Rise To Levels Typically Seen In Late December](#)

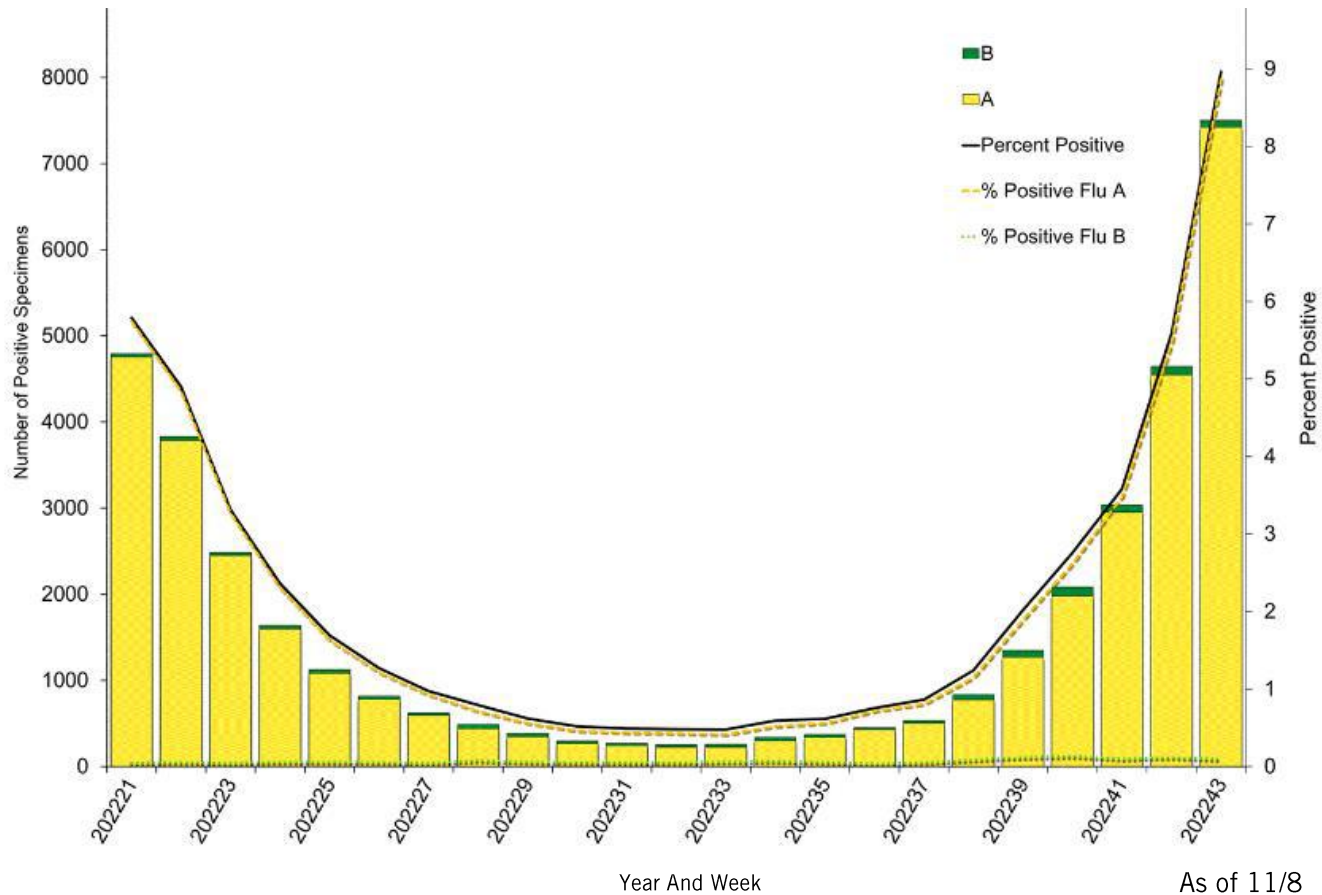
In The News

- [U.S. Flu Season Hits Early With Record High Hospitalizations](#)
- [New COVID Booster More Protective Against Omicron Variants Than Original Vaccine](#)
- [CDC Votes To Add COVID-19 Vaccine To Immunization Schedule For Children And Adults](#)
- [Surge Of Viruses Leaves Children's Hospitals Scrambling](#)
- [Pandemic "Immunity Gap" Probably Behind Surge In RSV Cases](#)
- [WHO Says Monkeypox Remains Global Health Emergency](#)
- [Moderna Nears U.S. Deal To Develop Shots For Ebola](#)

Disclaimer: The material provided is excerpted from authoritative sources. While every effort has been made to include the most recent information available so as to ensure the accuracy of this material, current accurate information cannot be assured, and readers should obtain appropriate advice from qualified staff, consultants, and professionals and should rely on the most recent official documents when making any decision that may have significant financial consequences. The material is offered for the information and convenience of the readers and should not be construed as advice.

Influenza Positive Tests – United States

Influenza Positive Tests Reported To CDC By U.S. Clinical Laboratories,
National Summary, May 22, 2022 – October 29, 2022



Source: CDC. <https://www.cdc.gov/flu/weekly/index.htm>

Influenza Cases – Global Western Pacific Region

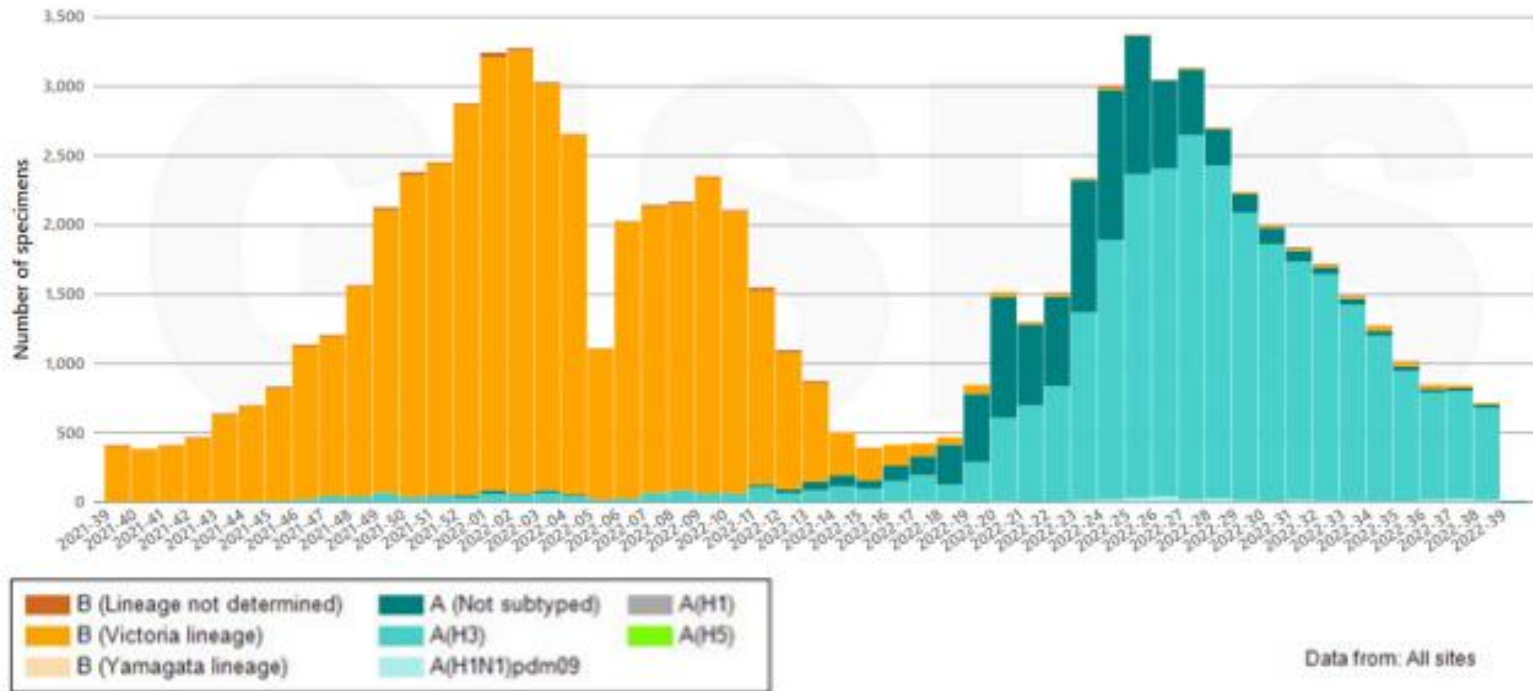


Figure 1: Number of specimens positive for influenza by subtype, Western Pacific Region, week 39, 2021 to week 39, 2022 (Source: [WHO FLUNET](#))

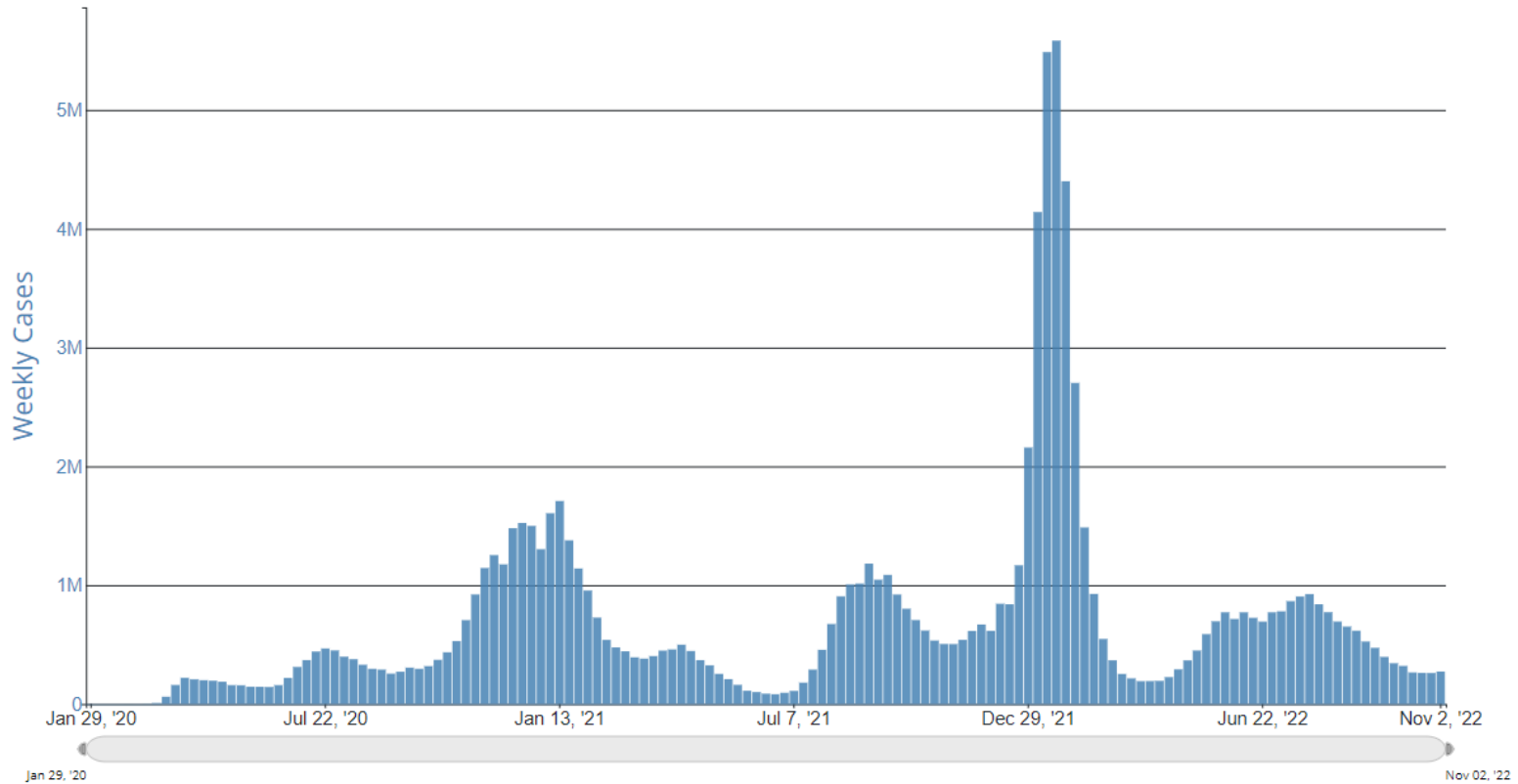
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Western Pacific Region: Australia, Brunei, Cambodia, China, Cook Islands, Fiji, Japan, Kribati, Laos, Malaysia, Marshall Islands, Micronesia, Mongolia, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Philippines, Samoa, Singapore, Solomon Islands, South Korea, Tonga, Tuvalu, Vanuatu, Vietnam.

Source: WHO. https://www.who.int/docs/default-source/wpro---documents/emergency/surveillance/seasonal-influenza/influenza-20220615.pdf?sfvrsn=4f9b0451_104

U.S. Weekly COVID-19 Cases

Weekly Trends In Number Of COVID-19 Cases In The United States Reported To CDC

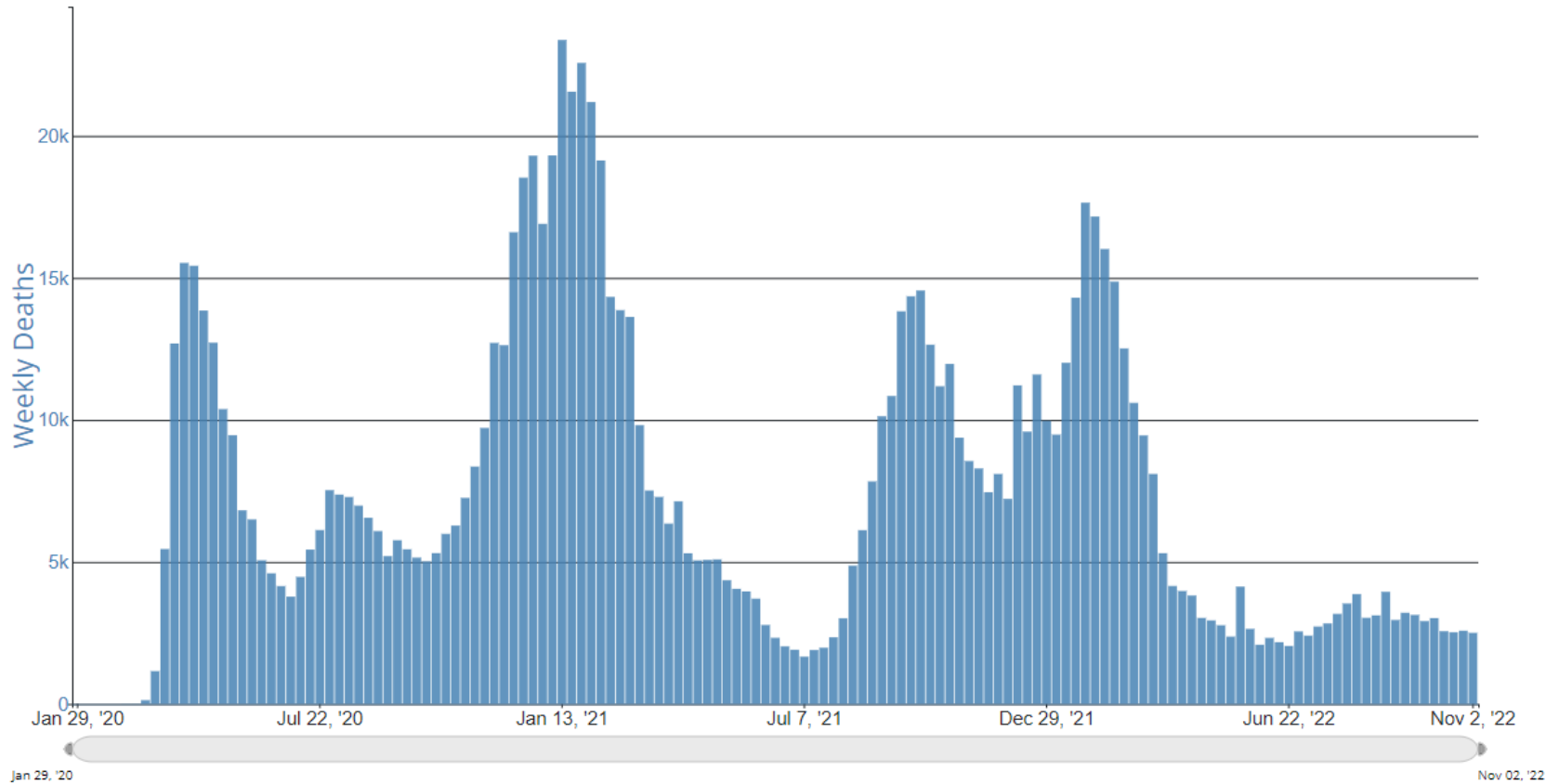


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Source: CDC. COVID Data Tracker. https://covid.cdc.gov/covid-data-tracker/#trends_dailytrendscases

U.S. Weekly COVID-19 Deaths

Weekly Trends In Number Of COVID-19 Deaths In The United States Reported To CDC



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Source: CDC. COVID Data Tracker. https://covid.cdc.gov/covid-data-tracker/#trends_dailytrendsdeaths

U.S. COVID-19 Hospitalizations

New Admissions Of Patients With Confirmed COVID-19, United States



5,481,602

Total Admissions

Aug 01, 2020 - Nov 05, 2022

3,108

Current 7-Day Average

Oct 30, 2022 - Nov 05, 2022

3,327

Prior 7-Day Average

Oct 23, 2022 - Oct 29, 2022

21,525

Peak 7-Day Average

Jan 09, 2022 - Jan 15, 2022

-6.6%

Percent change from prior 7-day avg. of Oct 23, 2022 - Oct 29, 2022

-85.6%

Percent change from peak 7-day avg. of Jan 09, 2022 - Jan 15, 2022

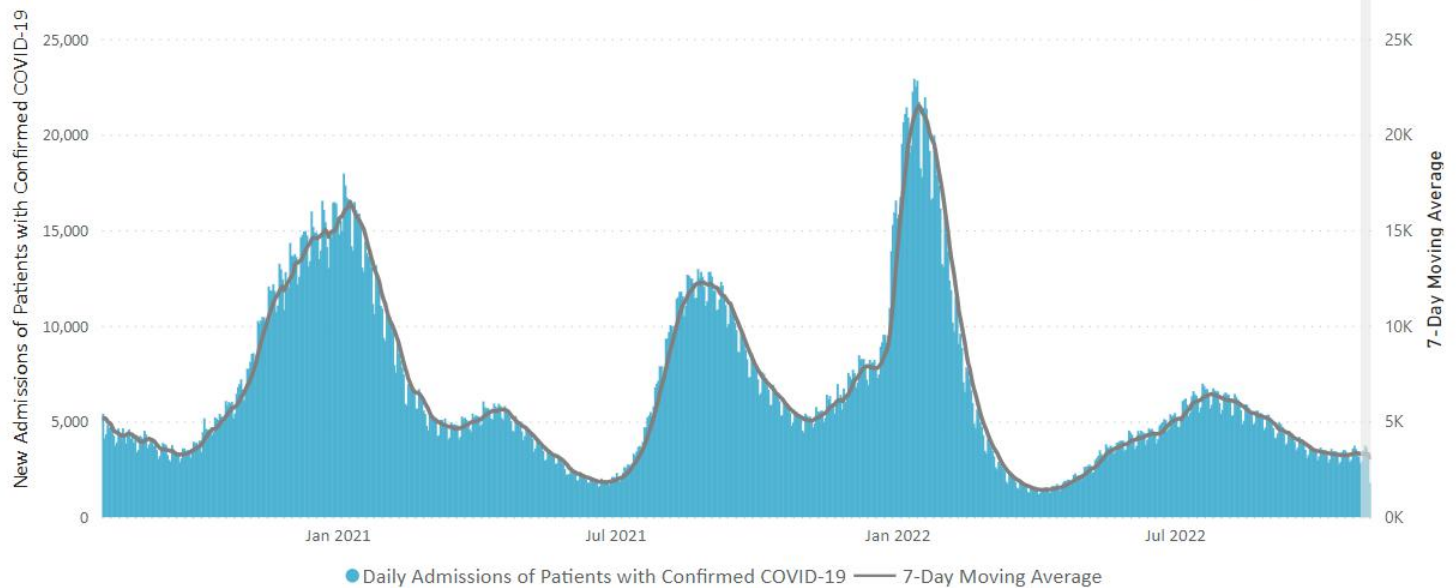
Aug 01, 2020 - Nov 05, 2022

By Jurisdiction and Age Group

By Jurisdiction

Select a Jurisdiction

United States



Based on reporting from all hospitals (N=5,307). Due to potential reporting delays, data reported in the most recent 7 days (as represented by the shaded bar) should be interpreted with caution.

Small shifts in historic data may occur due to changes in the CMS Provider of Services file, which is used to identify the cohort of included hospitals. Data since December 1, 2020 have had error correction methodology applied. Data prior to this date may have anomalies that are still being resolved. Data prior to August 1, 2020 are unavailable.

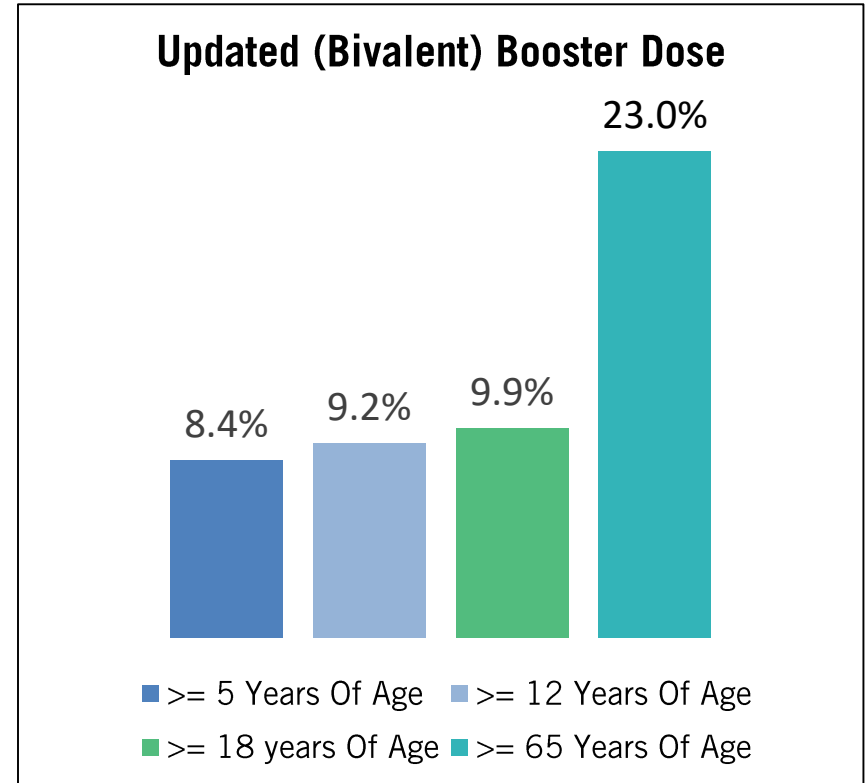
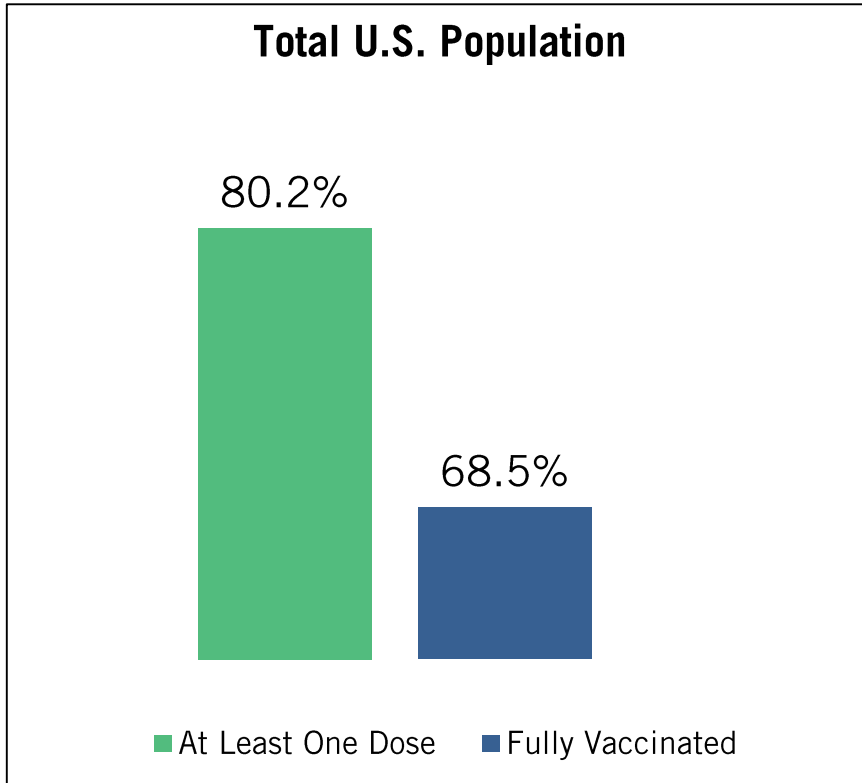
Last Updated: Nov 07, 2022

Unified Hospital Dataset, White House COVID-19 Team, Data Strategy and Execution Workgroup

Source: CDC. COVID Data Tracker. <https://covid.cdc.gov/covid-data-tracker/#new-hospital-admissions>

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COVID-19 Vaccination Rates In U.S.

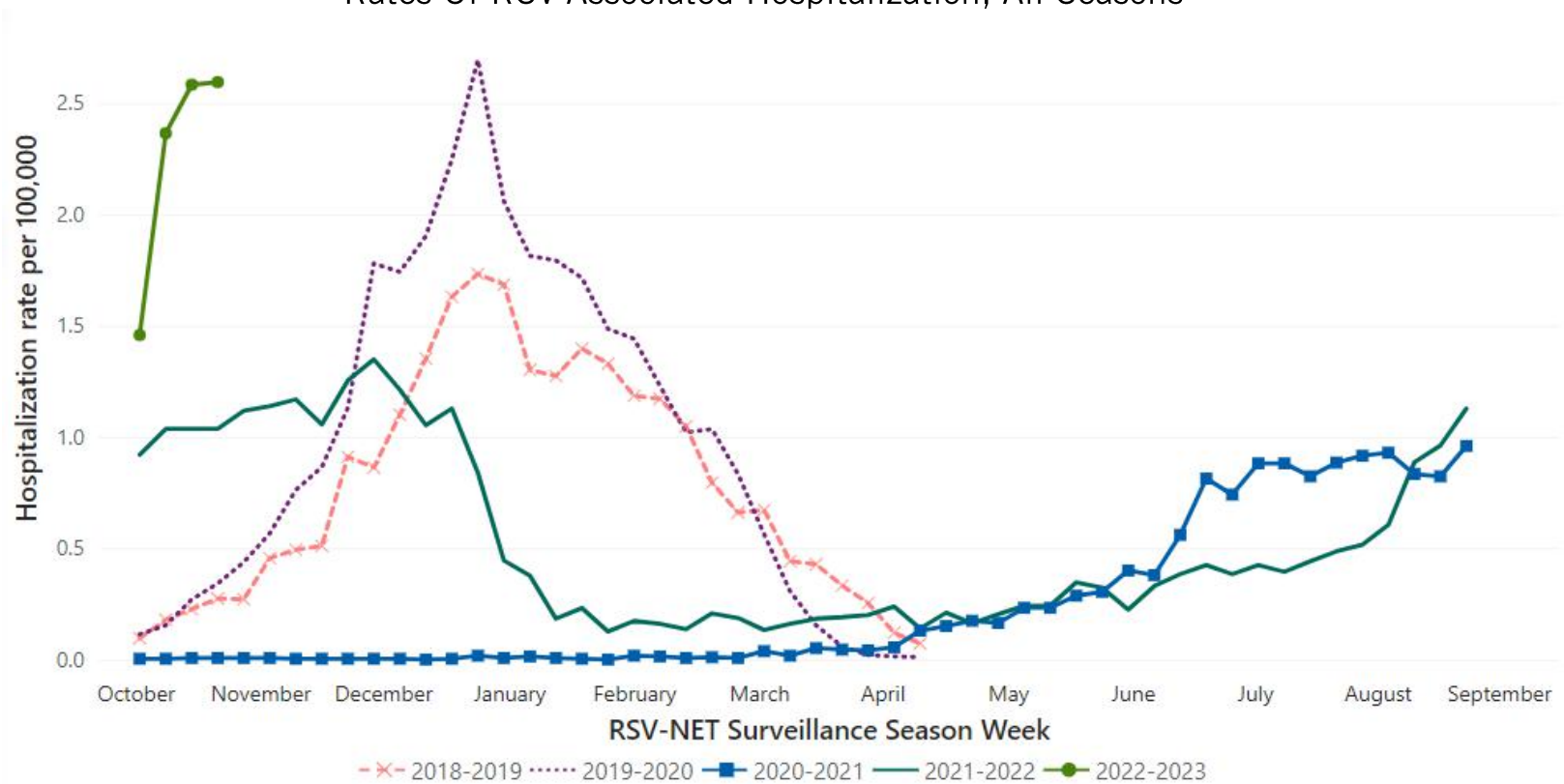


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Source: CDC. COVID Data Tracker. https://covid.cdc.gov/covid-data-tracker/#vaccinations_vacc-total-admin-rate-total

U.S. Respiratory Syncytial Virus (RSV) Associated Hospitalizations

Rates Of RSV-Associated Hospitalization, All Seasons



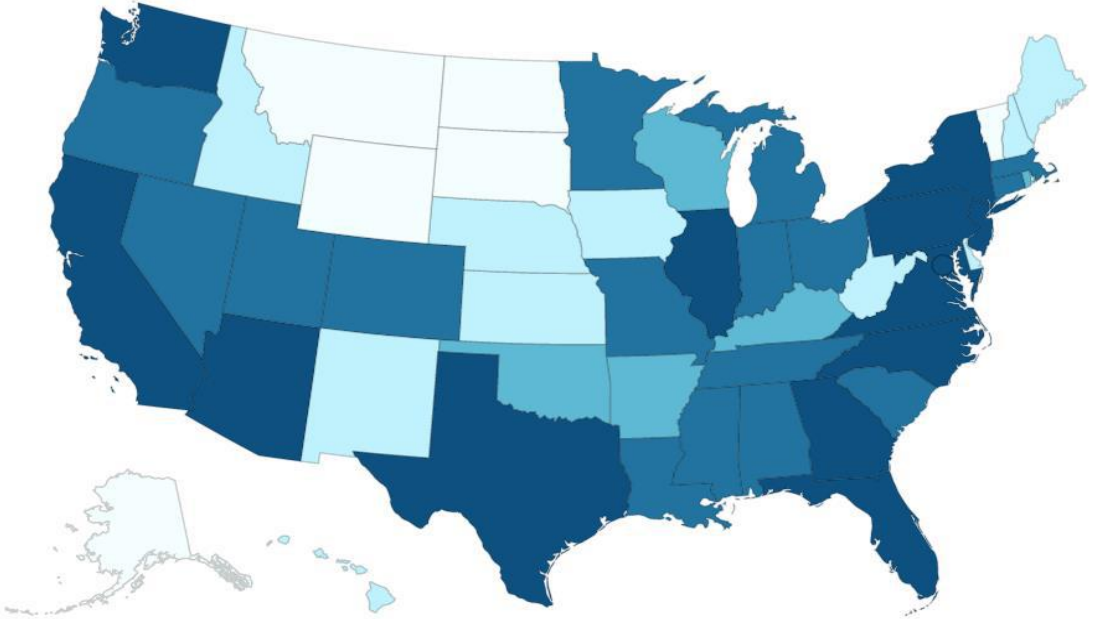
Data last updated: 11/03/2022 | Accessibility: Hover over graph area to display options such as show data as table and copy visual.
 Note: AI/AN, American Indian or Alaska Native; A/PI, Asian and Pacific Islander.

Source: CDC. RSV-NET Interactive Dashboard. <https://www.cdc.gov/rsv/research/rsv-net/dashboard.html>

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Monkeypox Cases – United States

2022 U.S. Map & Case Count



Territories **PR**



Case Range

- 0
- 1 to 10
- 11 to 50
- 51 to 100
- 101 to 500
- >500

Top 10 States With Most Cases	Number Of Cases
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California	5,512
New York	4,132
Florida	2,768
Texas	2,760
Georgia	1,929
Illinois	1,397
Pennsylvania	848
New Jersey	754
Maryland	722
North Carolina	659

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Source: CDC. <https://www.cdc.gov/poxvirus/monkeypox/response/2022/us-map.html>