



THE WHITE HOUSE
WASHINGTON

COVID-19 Press Briefing

February 9, 2022



Daily Change in COVID-19 Cases, US

January 22, 2020 – February 07, 2022

TOTAL Cases Reported Since 1/22/20

76,782,002

NEW Cases Reported to CDC on 2/7/22

353,406

Change in 7-Day Case Average

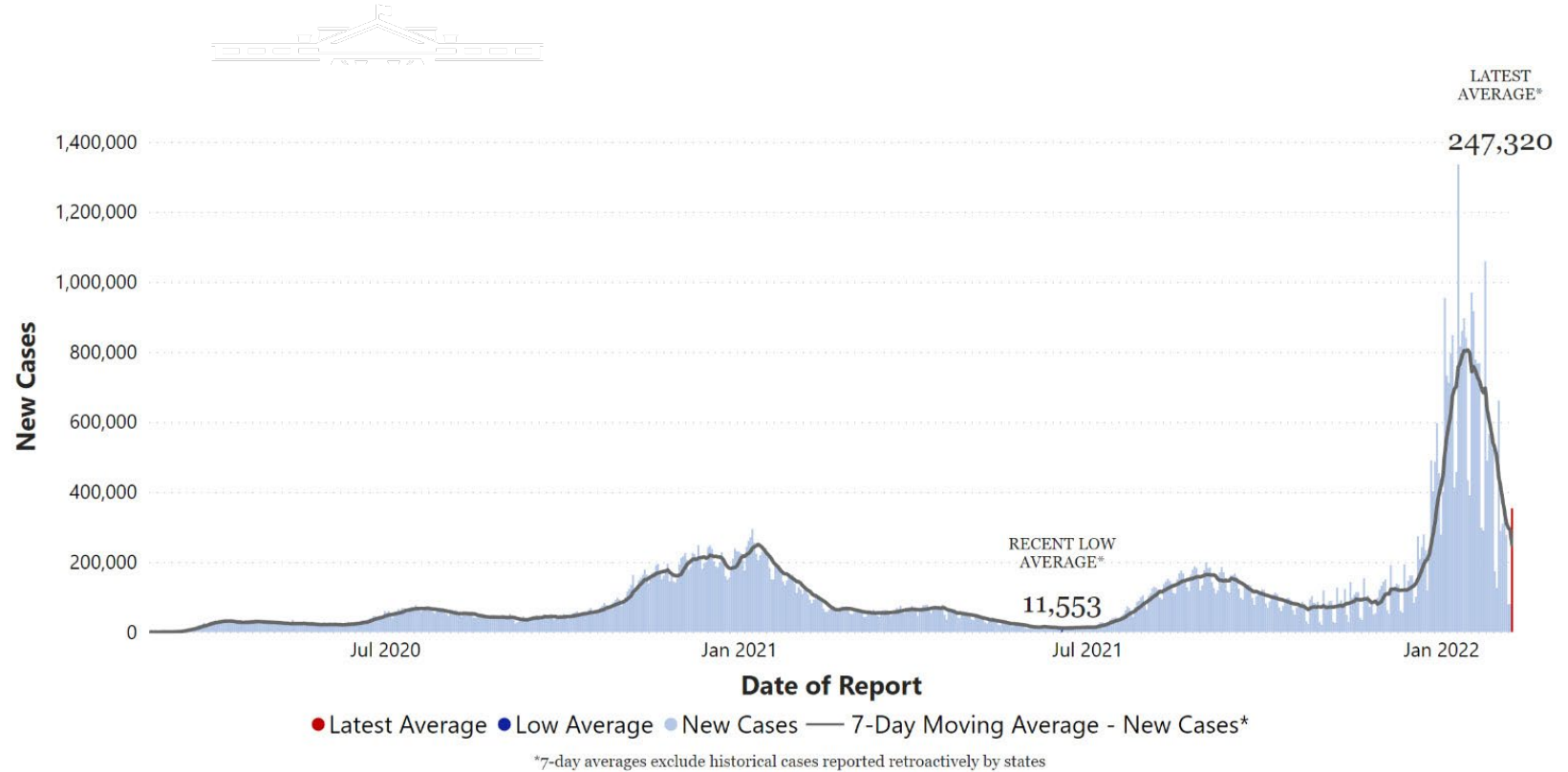
-44.4%

Current 7-Day Case Average (2/1/22 - 2/7/22)

247,320

Prior 7-Day Case Average (1/25/22 - 1/31/22)

444,474



New Admissions of Patients with Confirmed COVID-19, US

August 1, 2020 – February 06, 2022

Patients Currently Hospitalized with COVID on 2/6/22

86,767

New Admissions on 2/6/22

9,575

Peak in New Admissions (1/12/22)

23,061

Change in 7-Day Average of New Admissions

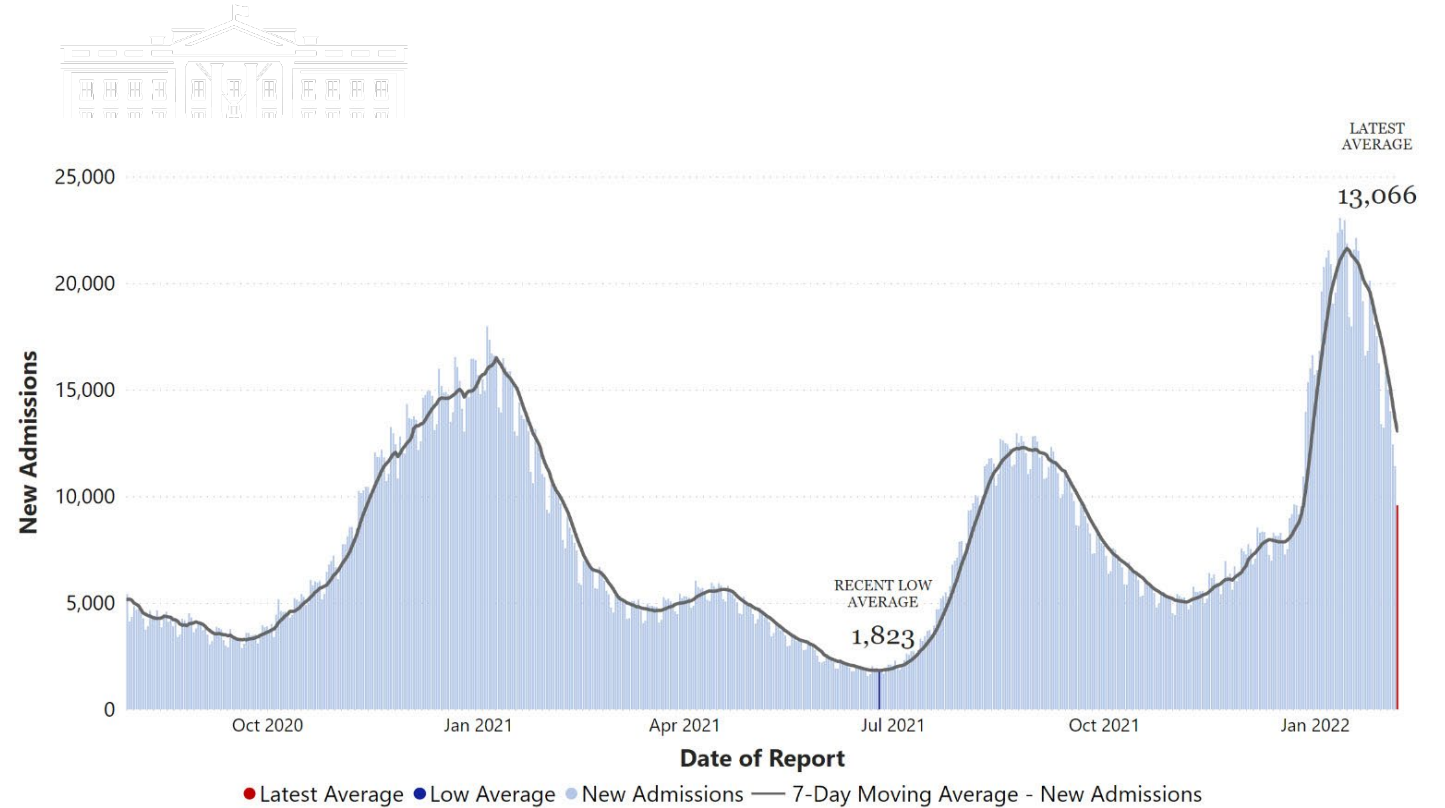
-24.6%

Current 7-Day Average of New Admissions (1/31/22 - 2/6/22)

13,066

Prior 7-Day Average of New Admissions (1/24/22 - 1/30/22)

17,319



Daily Change in COVID-19 Deaths, US

January 22, 2020 – February 07, 2022

TOTAL Deaths Reported Since 1/22/2020

903,038

NEW Deaths Reported to CDC on 2/7/22

3,176

Change in 7-Day Death Average

+3.0%

Current 7-Day Death Average (2/1/22 - 2/7/22)

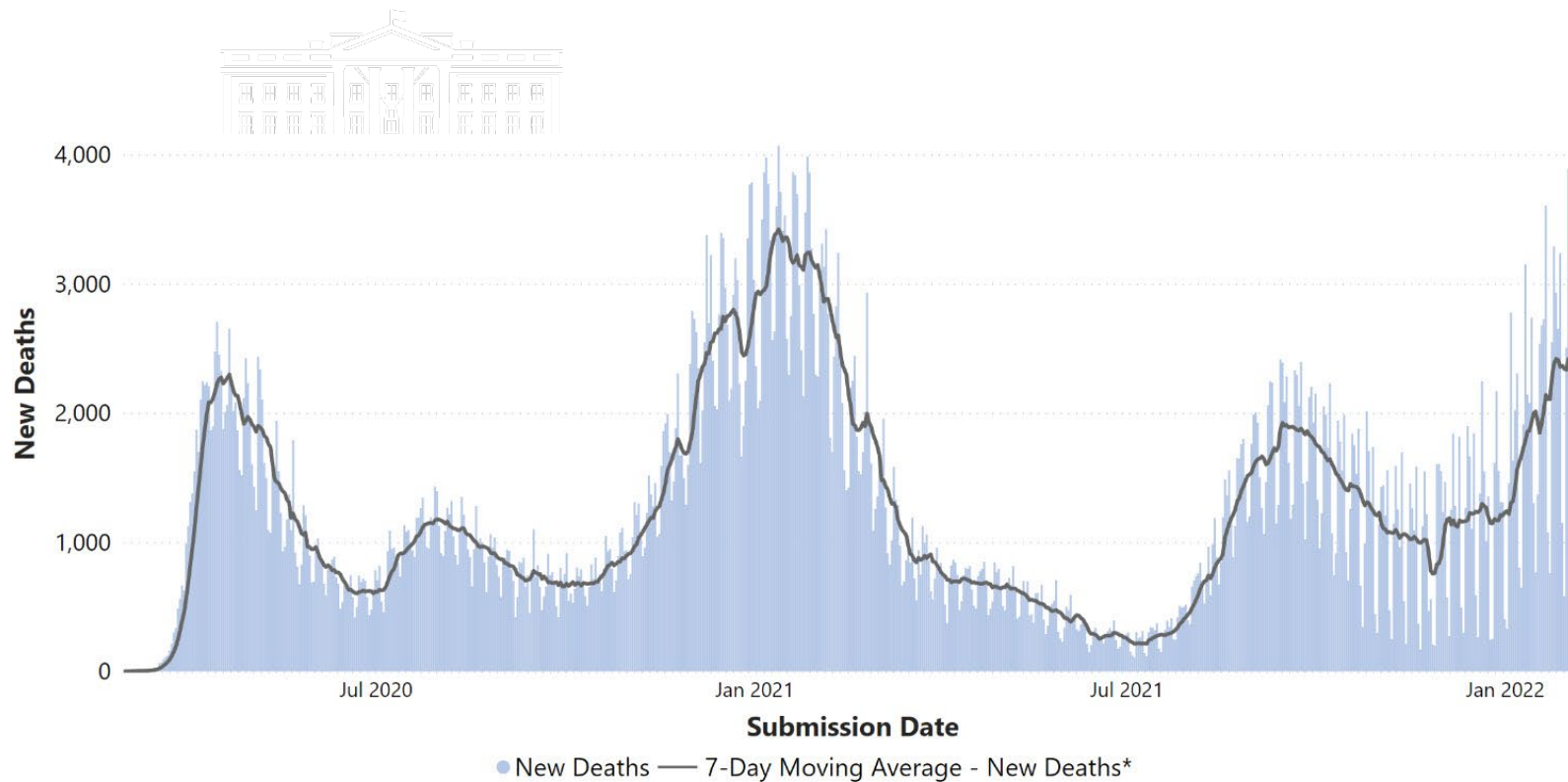
2,404

Prior 7-Day Death Average (1/25/22 - 1/31/22)

2,335

Forecasted Total Deaths by week ending (02/26/22)

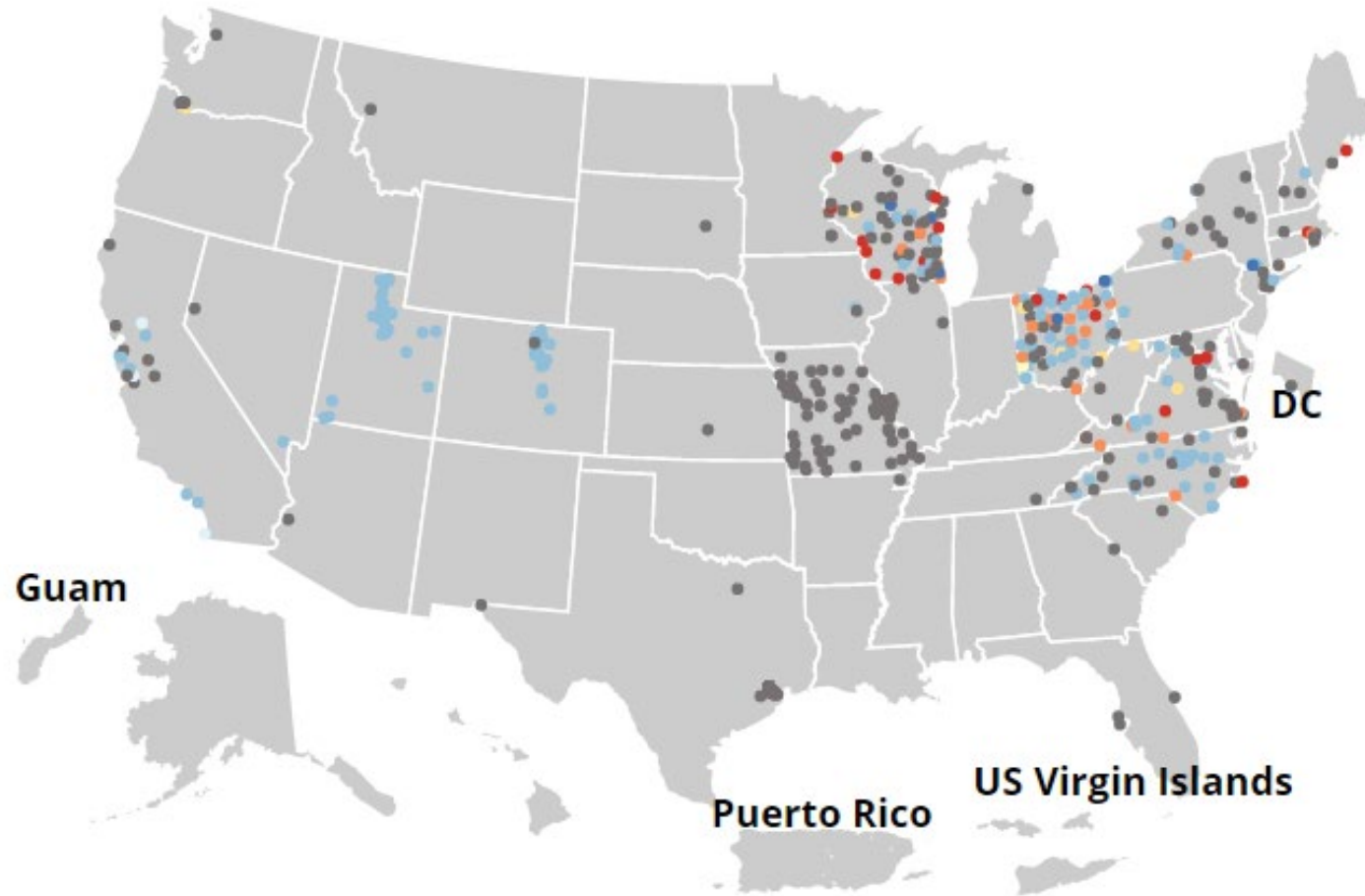
933,000 to 965,000



*7-day averages exclude historical deaths reported retroactively by states



U.S. Wastewater Surveillance



15-day Percent Change in Wastewater Levels

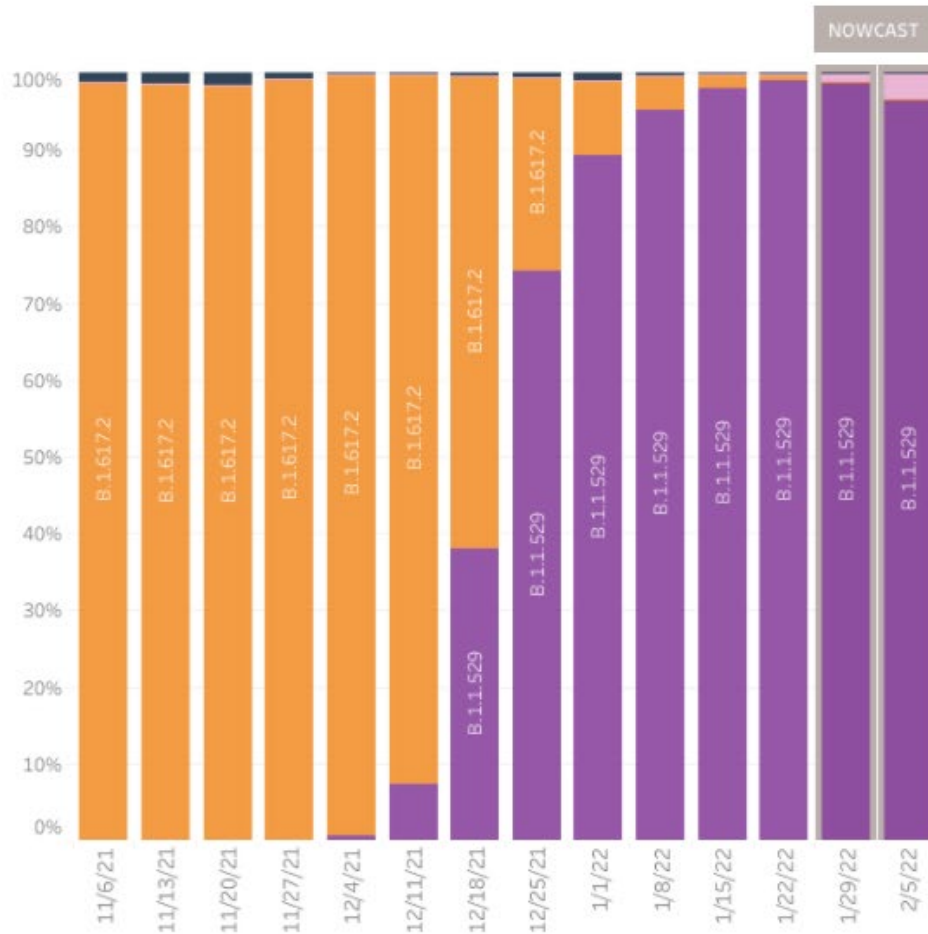
● -100% or less ● -99% to -10% ● -9% to 0% ● 1% to 9% ● 10% to 99% ● 100% to 999% ● 1000% or more ● No recent data



U.S. Genomic Surveillance

United States: 10/31/2021 – 2/5/2022

United States: 1/30/2022 – 2/5/2022 NOWCAST



USA

WHO label	Lineage #	US Class	%Total	95%PI
Omicron	B.1.1.529	VOC	96.4%	93.2-98.2%
	BA.2	VOC	3.6%	1.8-6.8%
Delta	B.1.617.2	VOC	0.0%	0.0-0.0%
Other	Other*		0.0%	0.0-0.0%

* Enumerated lineages are US VOC and lineages circulating above 1% nationally in at least one week period. "Other" represents the aggregation of lineages which are circulating <1% nationally during all weeks displayed.

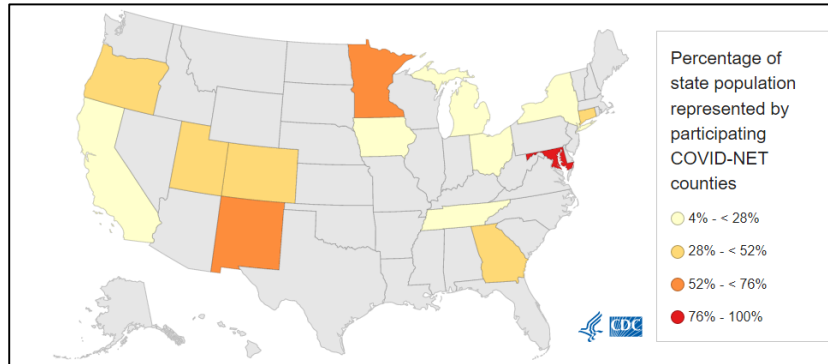
** These data include Nowcast estimates, which are modeled projections that may differ from weighted estimates generated at later dates

AY.1-AY.133 and their sublineages are aggregated with B.1.617.2. BA.1 and BA.3 are aggregated with B.1.1.529.



U.S. Vaccine Effectiveness Surveillance

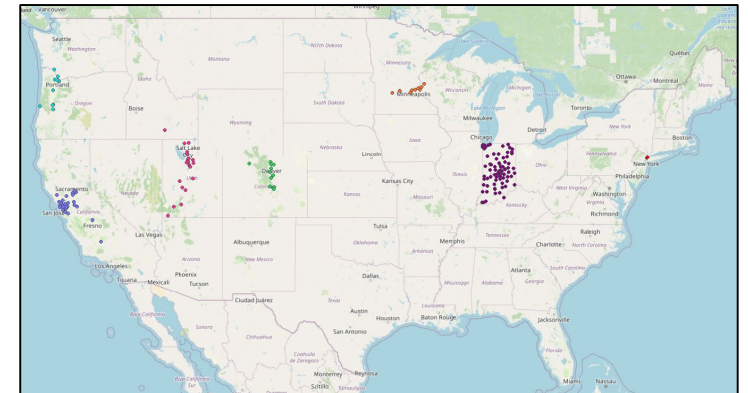
COVID-NET



IVY



VISION



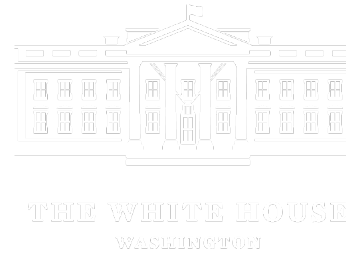
HEROES-RECOVER



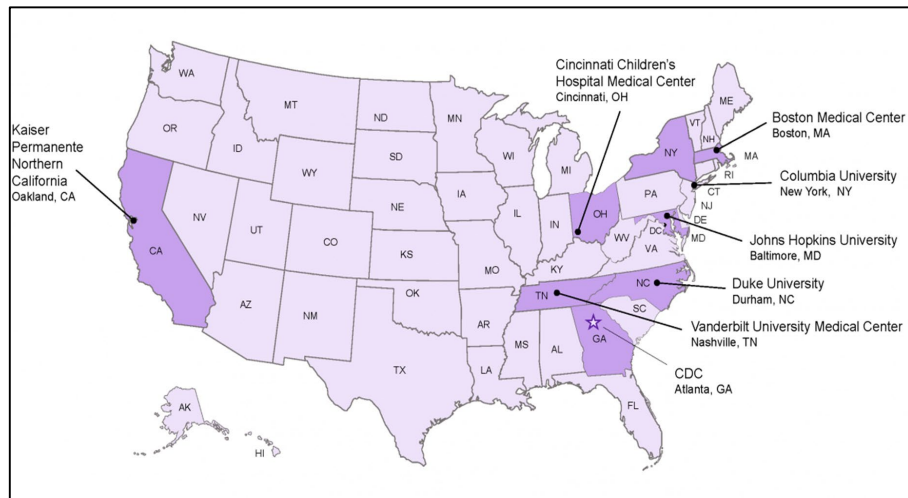
Overcoming COVID-19



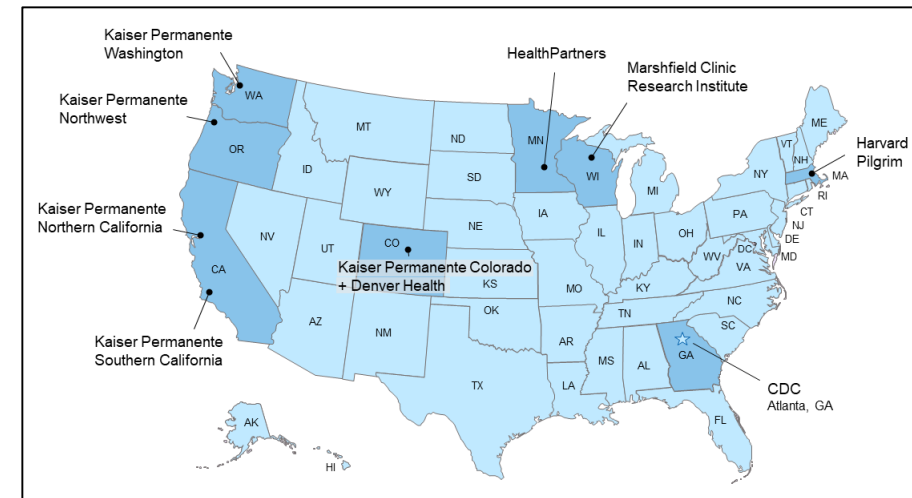
U.S. Vaccine Safety Surveillance



Clinical Immunization Safety Project (CISA)



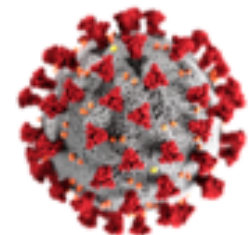
Vaccine Safety Datalink (VSD)



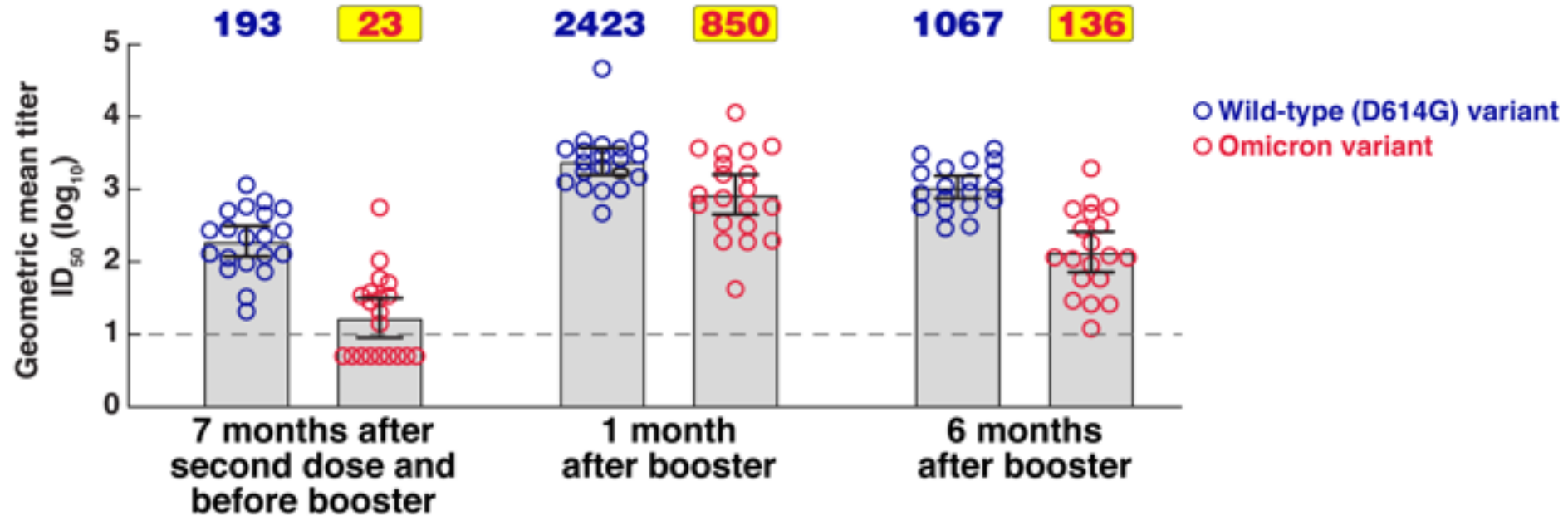
The Critical Importance of Booster Shots



- **Multiple *in vitro* studies show that COVID-19 vaccine booster doses markedly increase the neutralization of SARS-CoV-2 variants, including Omicron**



Third Dose of mRNA-1273 (Moderna Vaccine) Improves Antibody Response to Omicron Variant

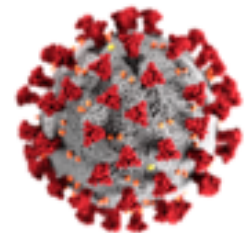


■ Pseudovirus neutralization assay antibody titers in serum samples from mRNA-1273 recipients

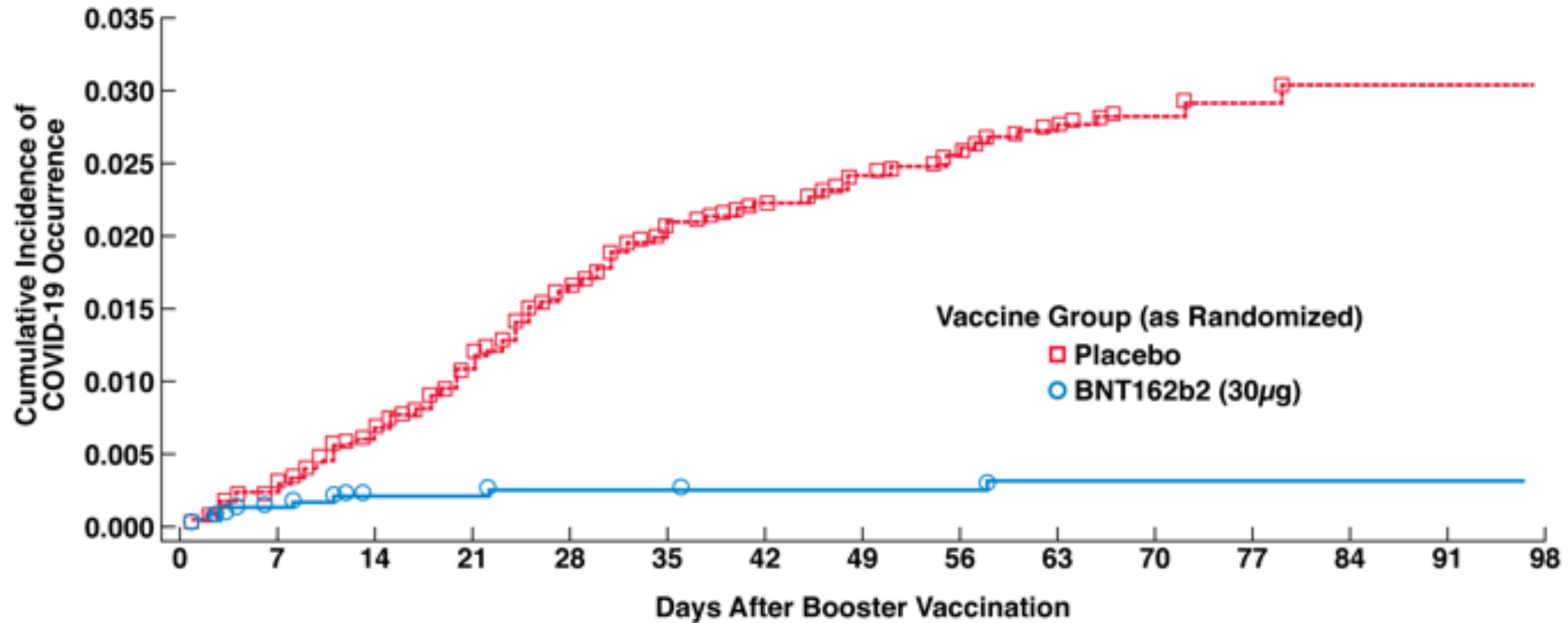
Source: RE Pajon et al. *NEJM*, 1/26/2022.



- **A randomized, controlled clinical trial showed the dramatic impact of COVID-19 vaccine booster doses in preventing symptomatic COVID-19 disease**



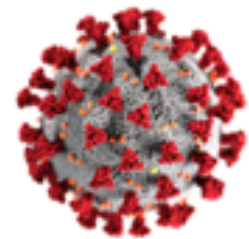
Pfizer Study: Cumulative Incidence Curve for First COVID-19 Occurrence After Booster Vaccination



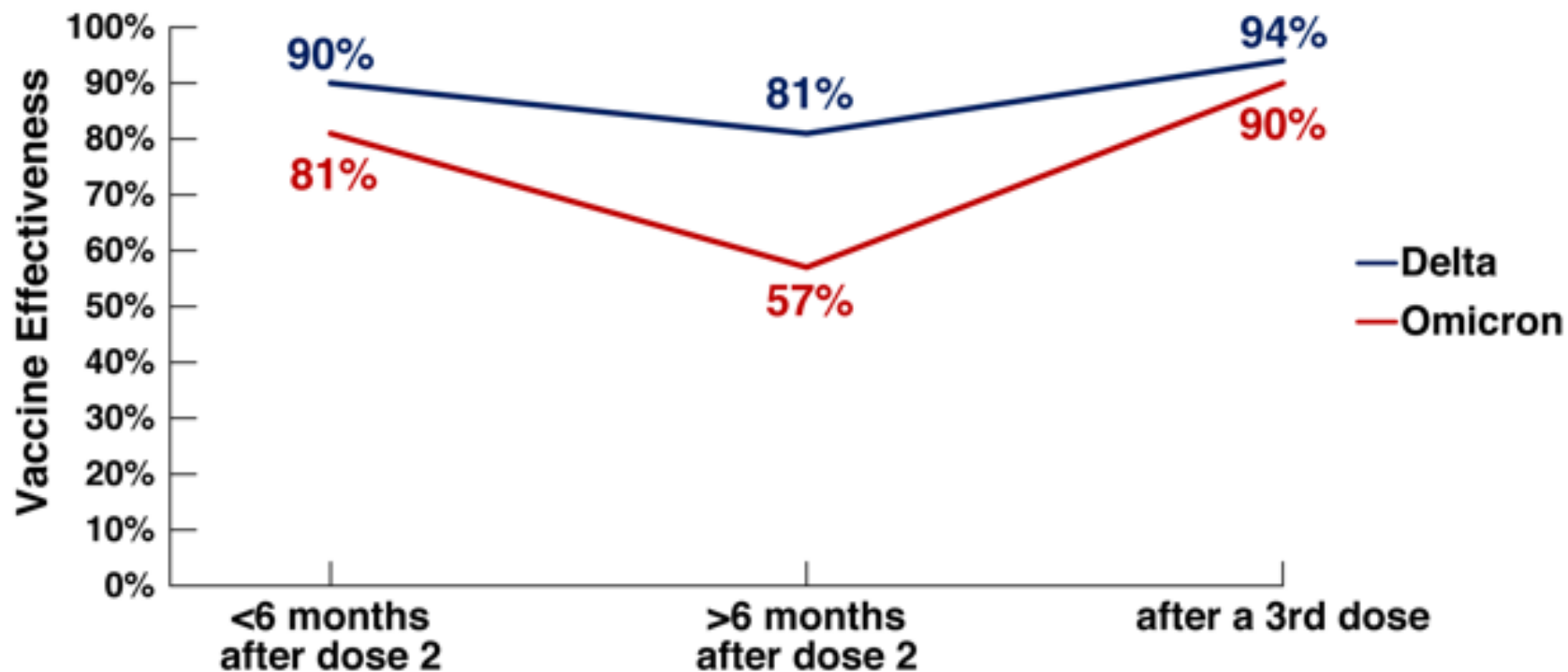
Source: JL Perez (Pfizer), ACIP meeting, 11/19/2021.



- **Multiple studies of the “real-world” effectiveness of COVID-19 vaccines show that booster doses reconstitute waning immune protection, especially against severe disease, hospitalization and death**



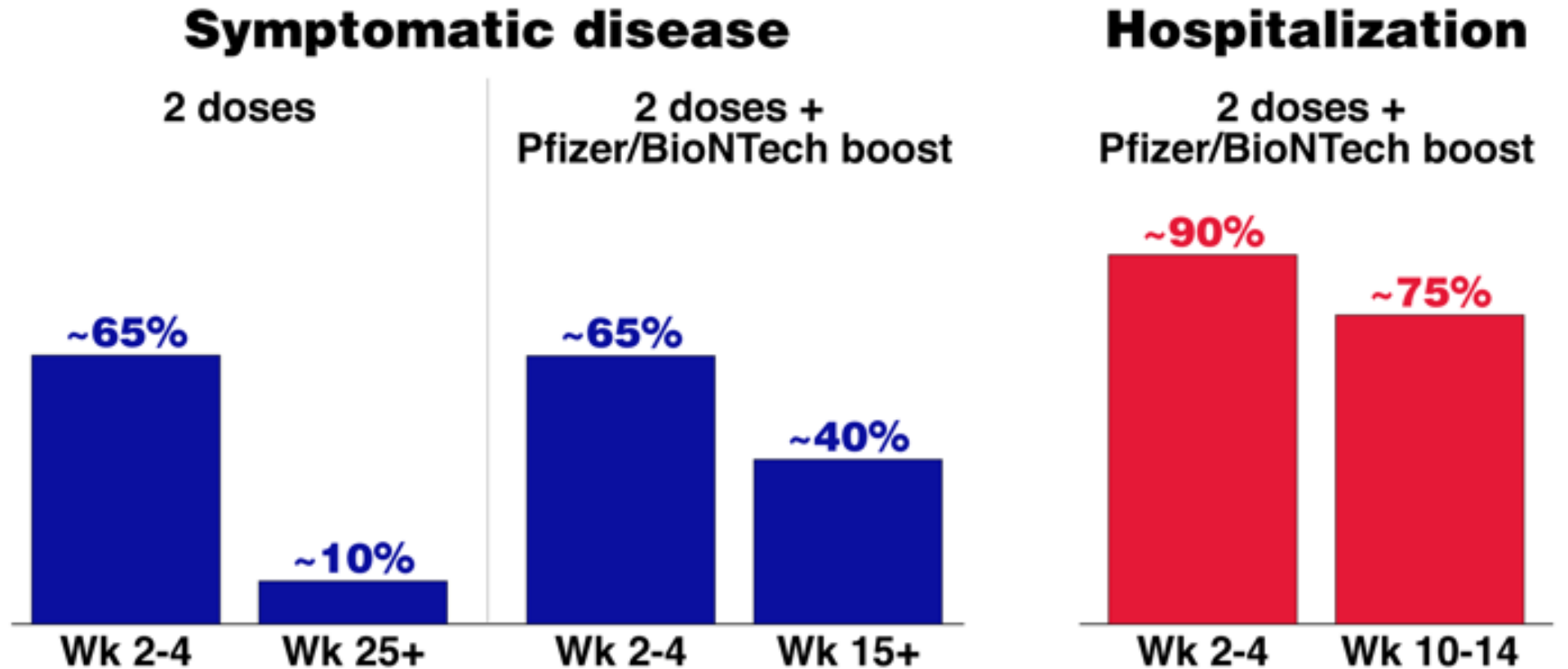
With Booster Dose, mRNA Vaccines Highly Effective Against Hospitalization with Omicron -- VISION Network, 10 U.S. States



Source: MG Thompson et al. *MMWR*, 1/28/2022.



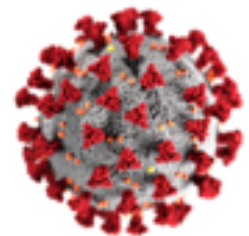
Pfizer/BioNTech COVID-19 Vaccine Effectiveness Against Omicron Variant, UK



Source: UK Health Security Agency, 2/3/2022



- **CDC data show a dramatic reduction in risk of COVID-19 hospitalization and death for people who have received a booster dose**



Booster Shots Dramatically Reduce the Risk of COVID-19 Hospitalization

Compared to fully vaccinated persons with additional or booster doses, the monthly rates of COVID-19-associated hospitalizations during December 2021 were:

45x Higher

in Unvaccinated Adults
Ages 50-64 Years

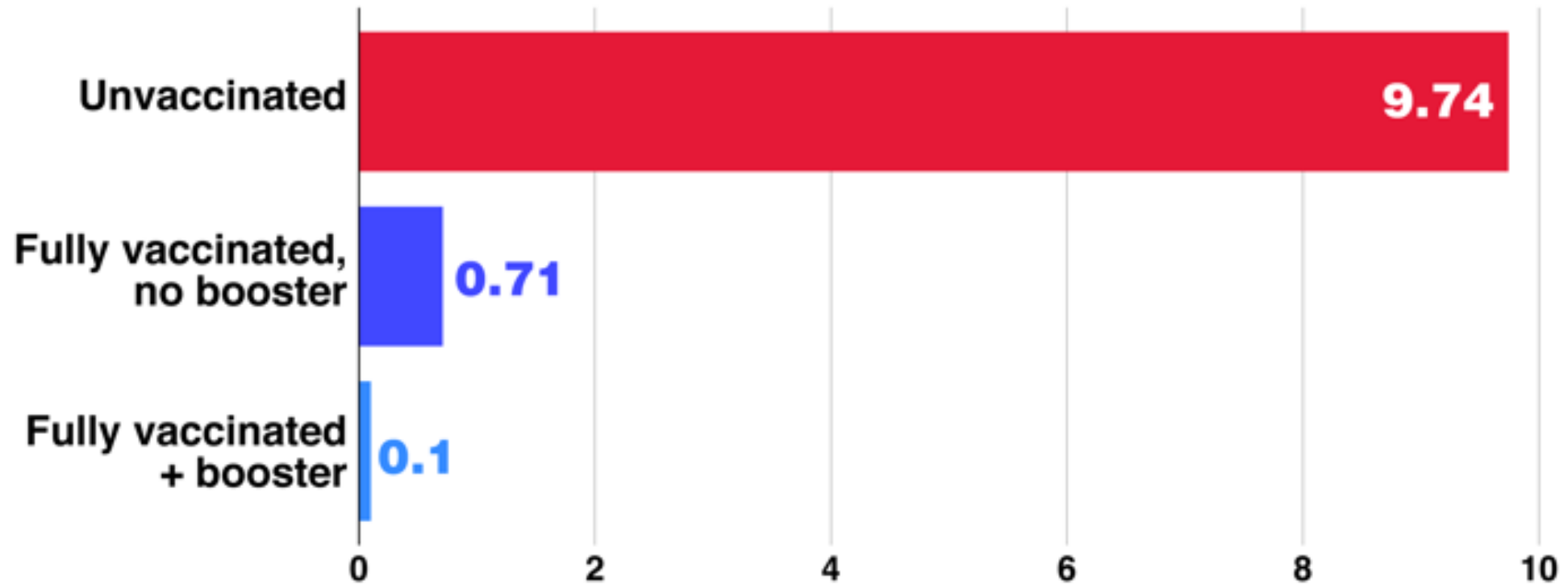
51x Higher

in Unvaccinated Adults
Ages 65 Years and Older

Source: <https://covid.cdc.gov/covid-data-tracker/#covidnet-hospitalizations-vaccination>



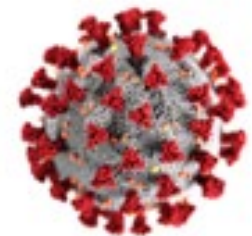
COVID-19 Weekly Death Rate by Vaccination Status, Dec. 4, 2021, United States (per 100,000)



Sources: CDC; Our World in Data



COVID-19 Vaccines: Booster Shots Can Keep You Out of the Hospital and Save your Life





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