



THE WHITE HOUSE
WASHINGTON

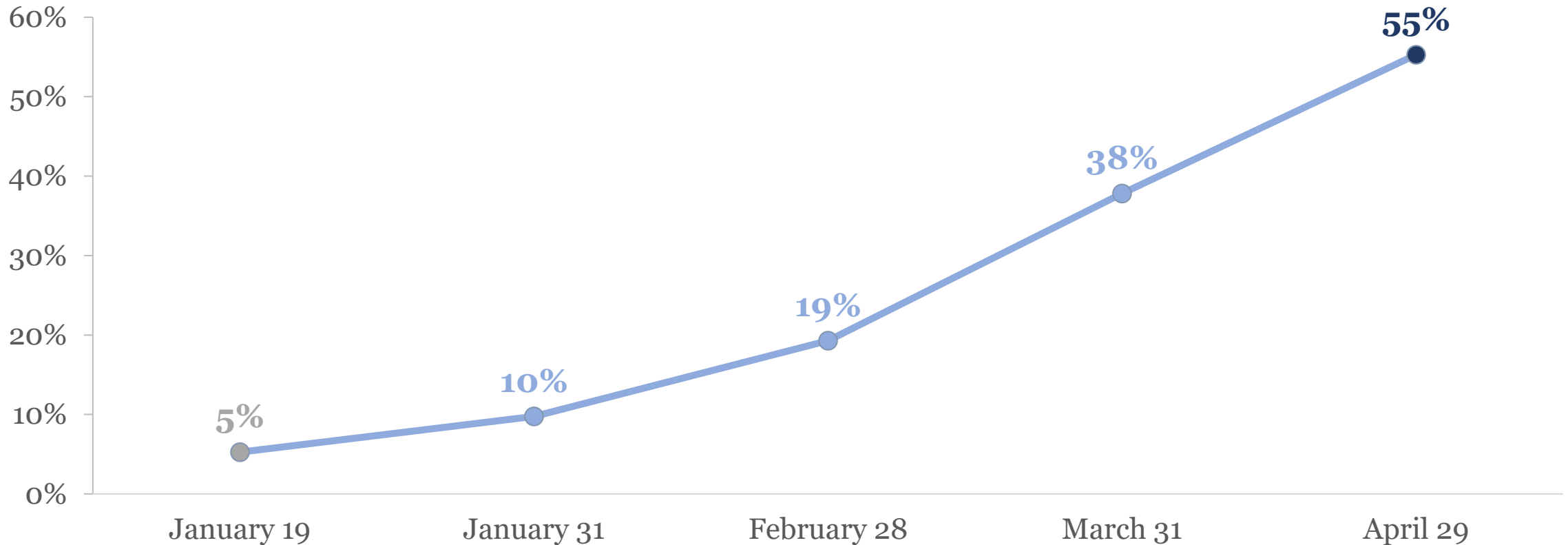
COVID-19 Press Briefing

April 30, 2021



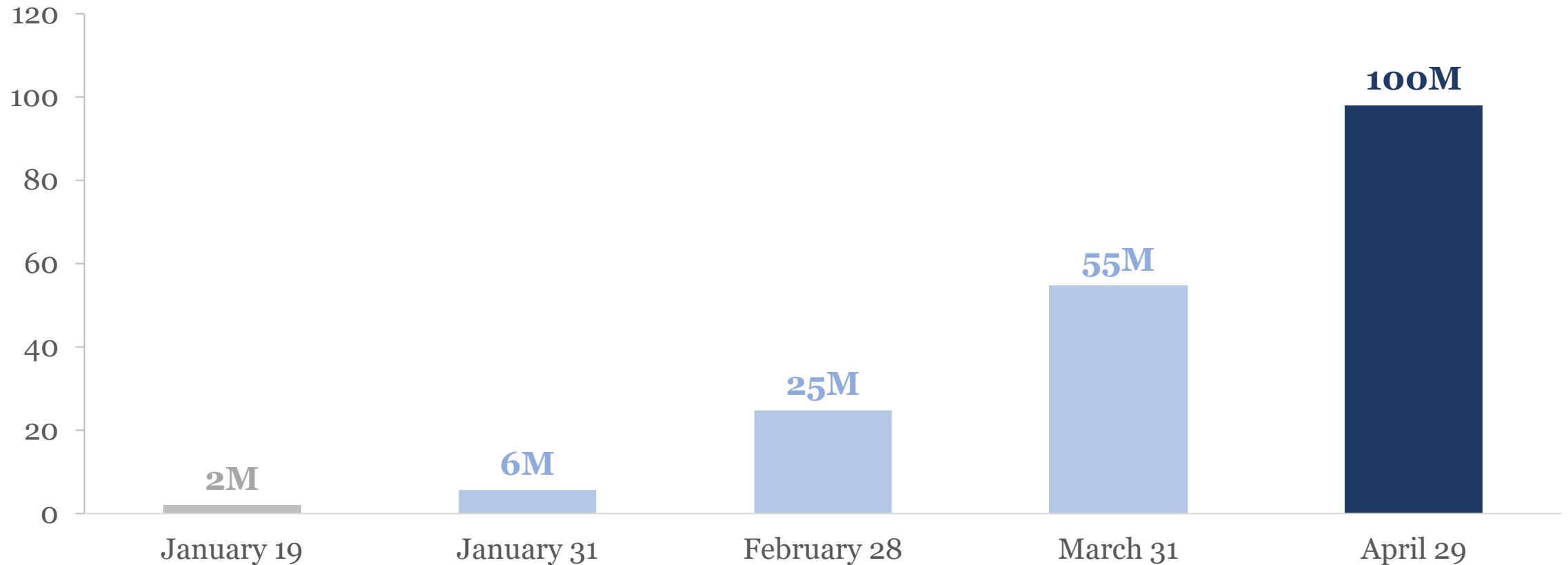
The Vaccination Progress Report

Percentage of adult Americans with at least one shot



The Vaccination Progress Report

Number of Americans who are fully vaccinated



Daily Change in COVID-19 Cases, US

January 22, 2020 – April 28, 2021

TOTAL Cases Reported Since 1/22/20

32,031,068

NEW Cases Reported to CDC on 4/28/21

53,051

Change in 7-Day Case Average

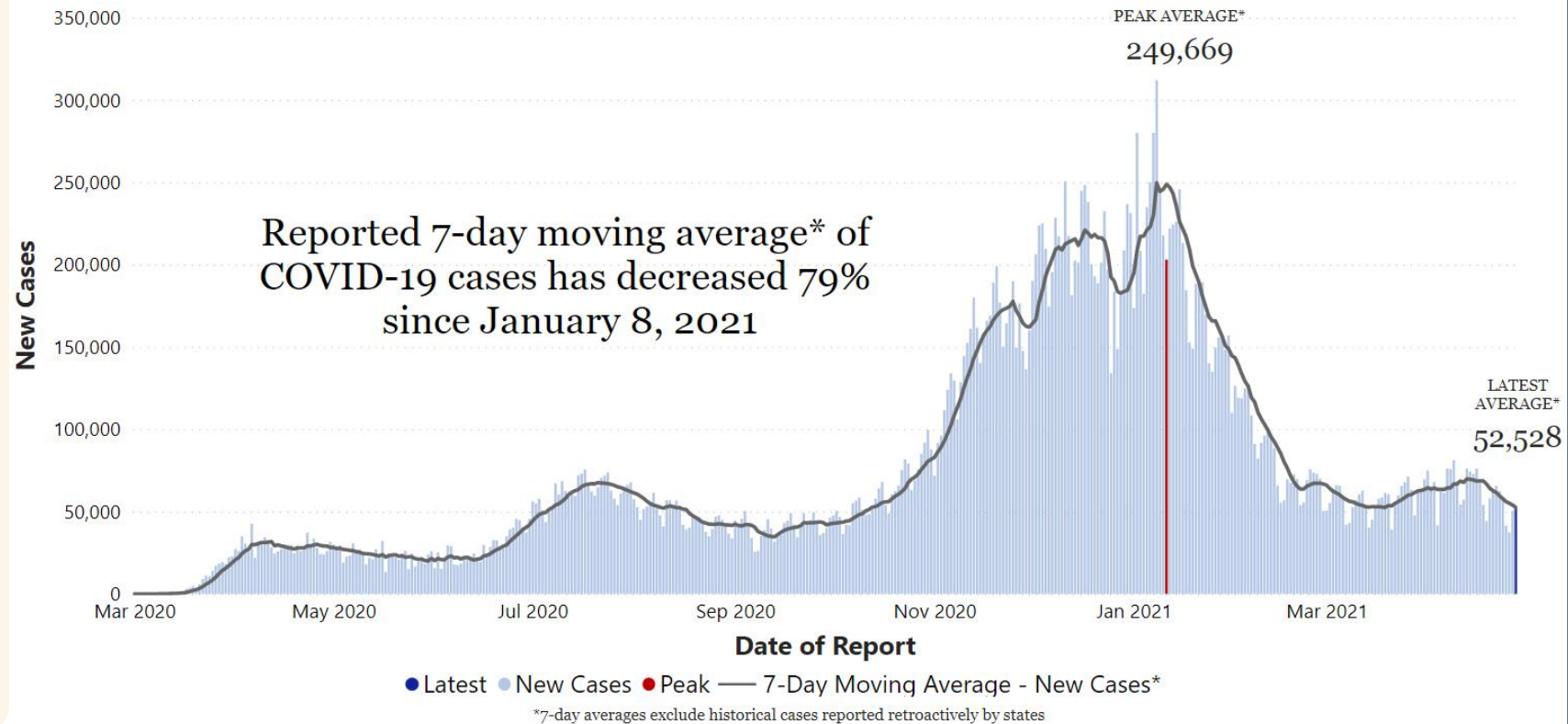
-16.2%

Current 7-Day Case Average (4/22/21 - 4/28/21)

52,528

Prior 7-Day Case Average (4/15/21 - 4/21/21)

62,653



New Admissions of Patients with Confirmed COVID-19

August 1, 2020 – April 27, 2021

Patients Currently Hospitalized with COVID on 4/27/21

36,417

New Admissions on 4/27/21

5,245

Peak in New Admissions (1/5/21)

17,988

Change in 7-Day Average of New Admissions

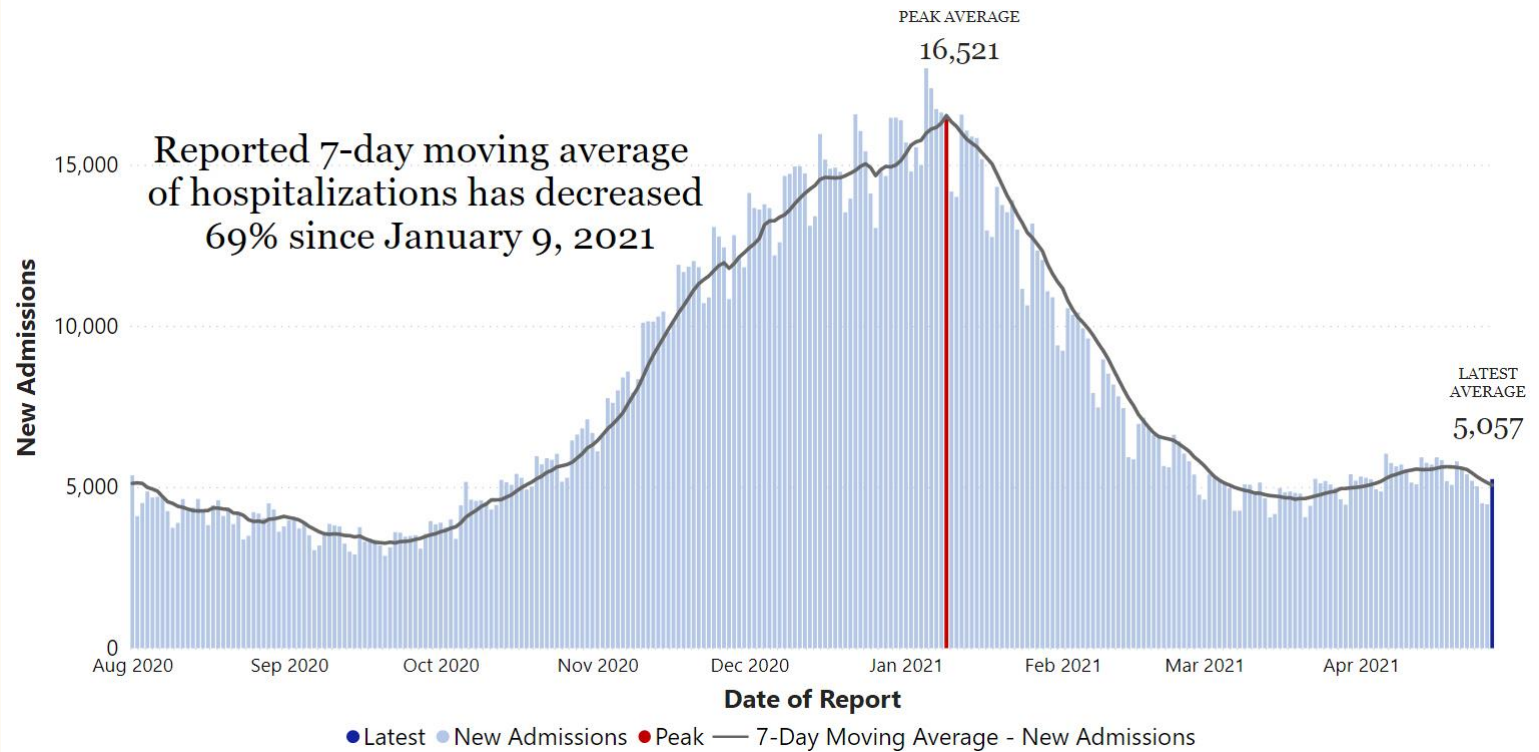
-9.8%

Current 7-Day Average of New Admissions (4/21/21 - 4/27/21)

5,057

Prior 7-Day Average of New Admissions (4/14/21 - 4/20/21)

5,607



Daily Change in COVID-19 Deaths, United States

January 22, 2020 – April 28, 2021

TOTAL Deaths Reported Since 1/22/2020

571,297

NEW Deaths Reported to CDC on 4/28/21

876

Change in 7-Day Death Average

-8.2%

Current 7-Day Death Average (4/22/21 - 4/28/21)

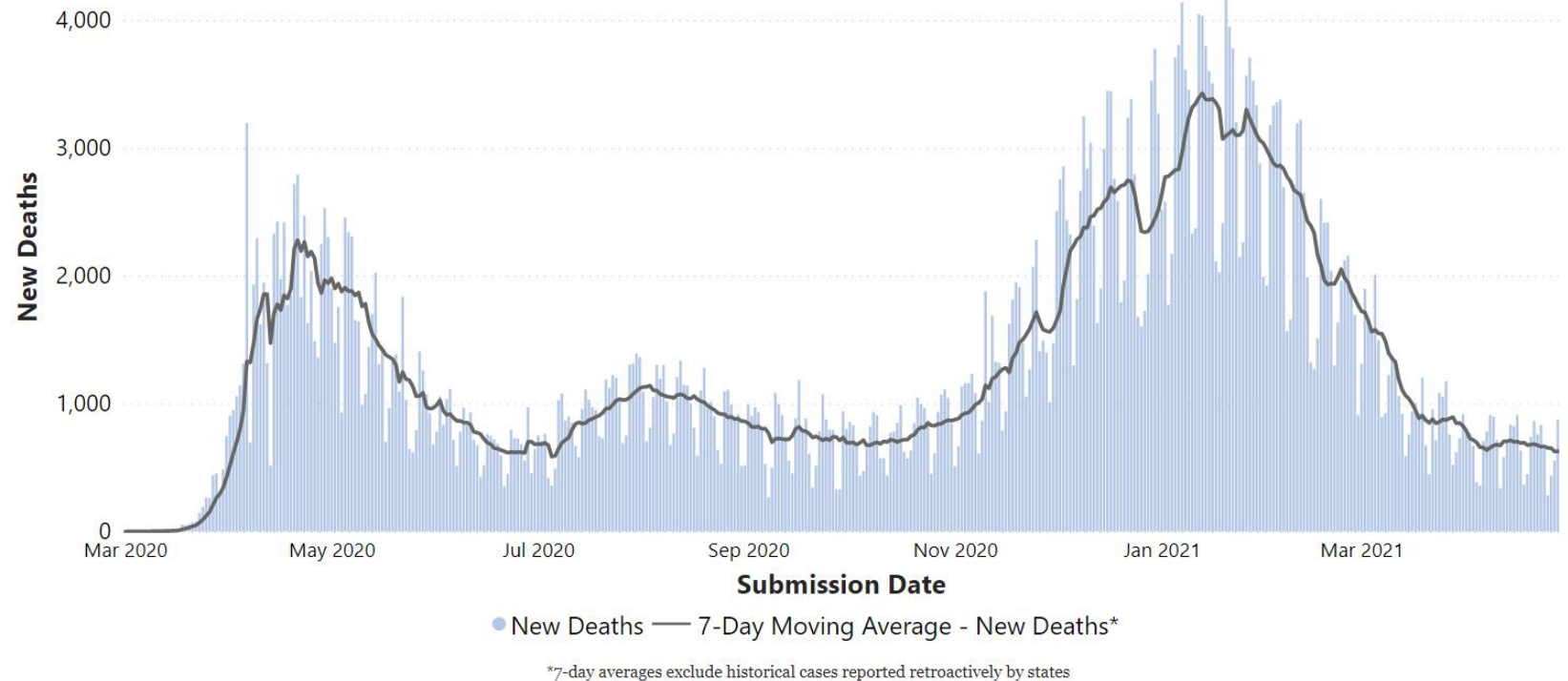
628

Prior 7-Day Death Average (4/15/21 - 4/21/21)

684

Forecasted Total Deaths by 5/22/21

583,000 to 595,000



The New York Times

April 29, 2021

Does It Matter if I Skip My Second Covid Shot?



Published online April 13, 2021

humanVACCINES
& IMMUNOTHERAPEUTICS

Early Examination of Real-World Uptake and Second-Dose Completion of Recombinant Zoster Vaccine in the United States From October 2017 to September 2019

BJ Patterson, PO Buck et al.

- Shingrix is administered in two doses, with the second dose recommended between two and six months after the first dose
- 70% and 80% of individuals completed the two-dose series within six and 12 months post initial dose, respectively



- **Recommended interval between doses is 21 days for Pfizer-BioNTech and 28 days for Moderna**
- **If it is not feasible to adhere to the recommended interval, the second dose may be scheduled for administration up to 6 weeks (42 days) after the first dose.**



Public Uncertainty About the Importance of Second Doses of COVID-19 mRNA Vaccines

- 44% of adults reported that the vaccines provide strong protection against Covid-19 by 1 to 2 weeks after the second dose (in keeping with CDC guidelines)
- 20% believed the vaccines provide strong protection before the second dose
- 36% were unsure

Source: JL Goldfarb et al. *NEJM*, 4/28/2021.



Pfizer/BioNTech mRNA COVID-19 Vaccine in a Nationwide Mass Vaccination Setting – Israel

	Vaccine effectiveness 14-20 days after 1st dose	Vaccine effectiveness 7 or more days after 2nd dose
Documented SARS-CoV-2 infection	46%	92%
Symptomatic COVID-19	57%	94%
Hospitalization	74%	87%
Severe disease	62%	92%

Source: N Dagan et al. *NEJM*, 2/24/2021.





Effectiveness of Pfizer-BioNTech and Moderna Vaccines Against COVID-19 Among Hospitalized Adults Aged ≥ 65 Years — United States, January–March 2021

- mRNA COVID-19 vaccines significantly reduced the risk for COVID-19–associated hospitalization in older adults
 - 94% effectiveness in fully vaccinated people
 - 64% effectiveness in partially vaccinated people





The
New England
Journal of Medicine

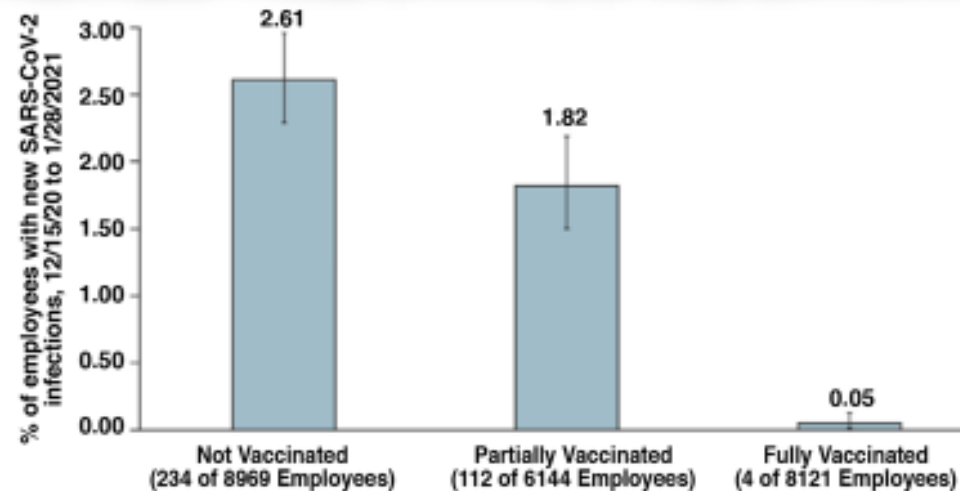
Established in 1812 as THE NEW ENGLAND JOURNAL OF MEDICINE AND SURGERY

Published online March 23, 2021

Early Evidence of the Effect of SARS-CoV-2 Vaccine at One Medical Center

W Daniel, DK Podolsky et al.

- 23,234 employees of University of Texas Southwestern Medical Center, Dallas, TX
- 0.05% infection rate among fully vaccinated employees vs. 1.82% among partially vaccinated employees – ~36-fold difference



Immune Response to Single Dose of mRNA Vaccines Suboptimal in Organ-Transplant and Cancer Patients



Immunogenicity of a Single Dose of SARS-CoV-2 Messenger RNA Vaccine in Solid Organ Transplant Recipients

BJ Boyarsky, JM Garonzik-Wang et al.

THE LANCET *Oncology*

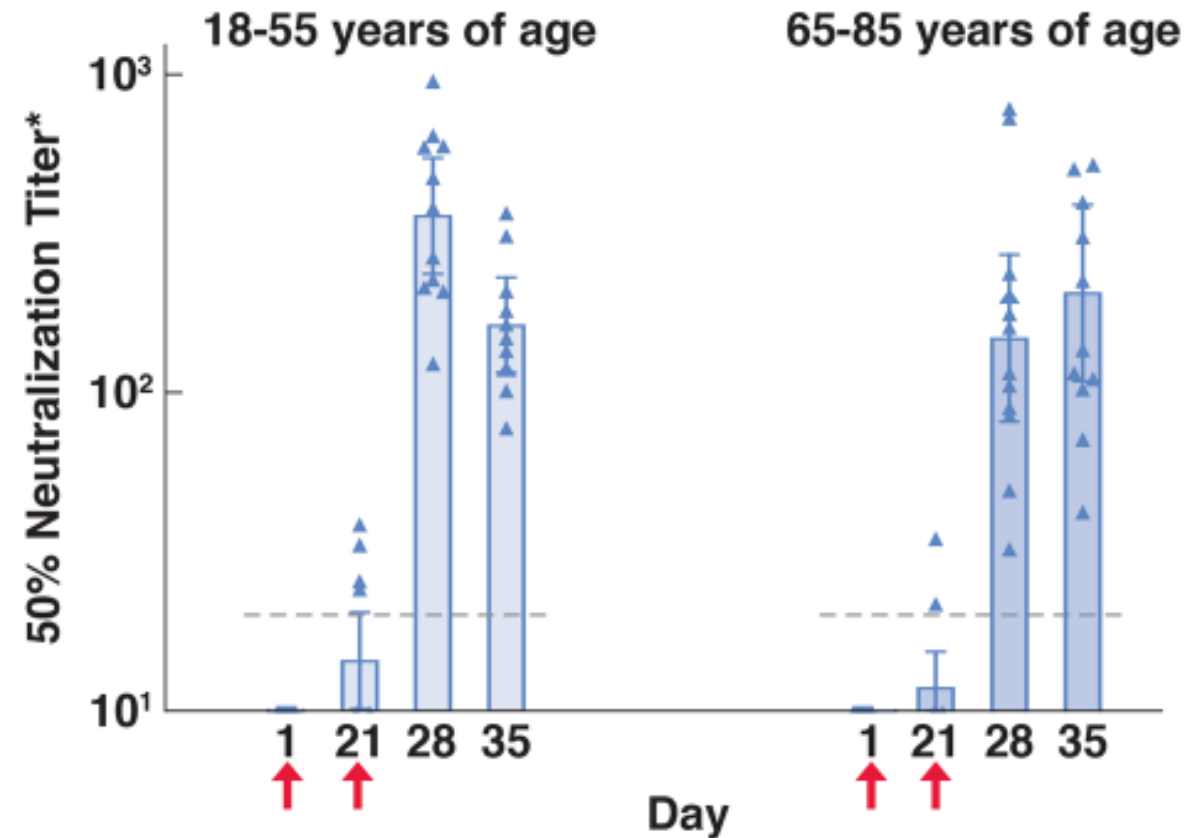
April 27, 2021

Safety and Immunogenicity of One Versus Two Doses of the COVID-19 Vaccine BNT162b2 for Patients with Cancer: Interim Analysis of a Prospective Observational Study

L Monin, S Irshad et al.



Pfizer/BioNTech COVID-19 Vaccine: Neutralizing Antibody Titers After First and Second Dose

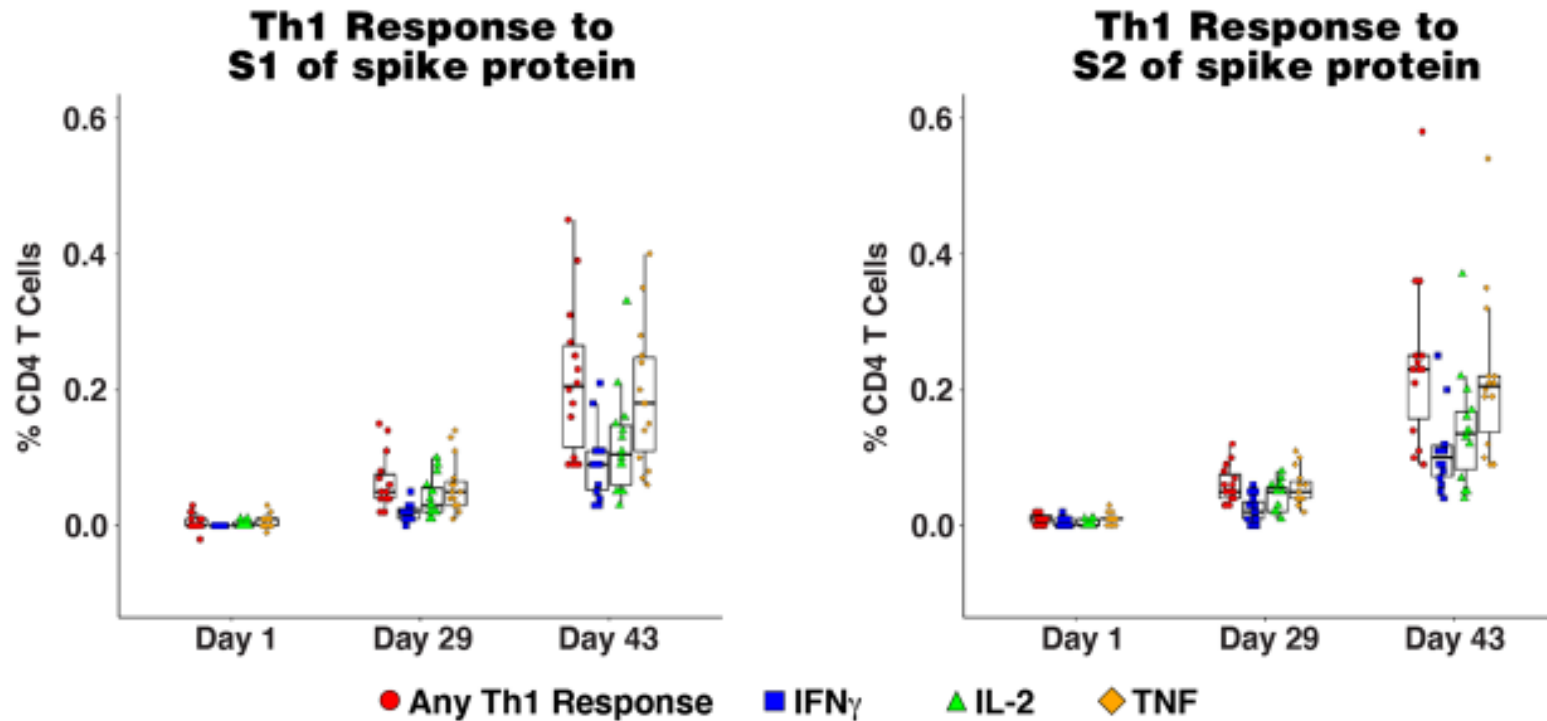


*50% SARS-CoV-2-neutralizing geometric mean titers at 30 µg dose

Source: EE Walsh et al. *NEJM* 383:2439, 2020.



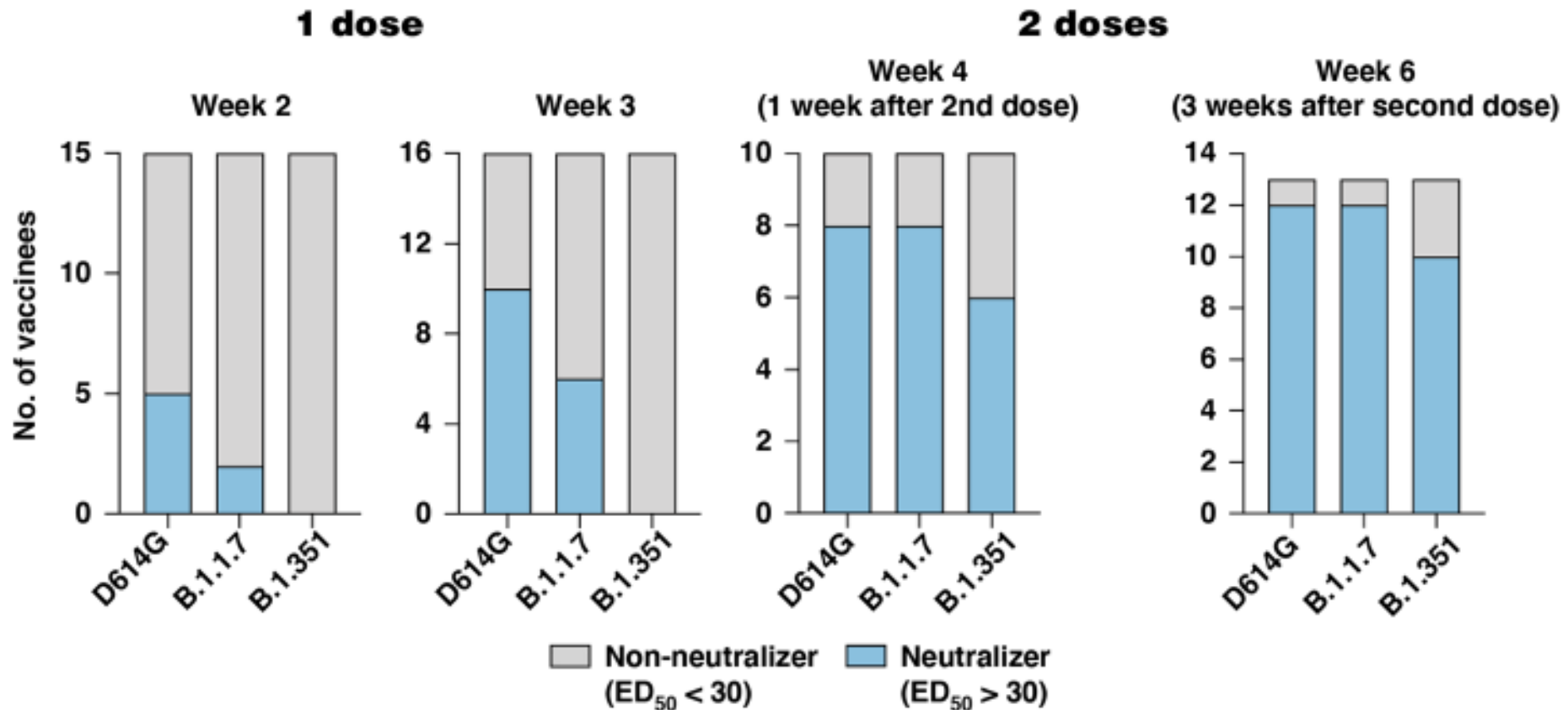
Moderna COVID-19 Vaccine: Second Dose Boosts Certain CD4⁺ T-Cell Responses to SARS-CoV-2



Source: LA Jackson et al. *NEJM* 383:192, 2020; figures S9, S10.



Improved Neutralization of SARS-CoV-2 Variants After 2nd Pfizer Vaccine Dose



Source: D Planas et al. *Nature Med*, March 26, 2021.



Providers Can Help People Get the Second Dose on Time

- Schedule follow-up visits before or during 1st dose visits
- Reschedule cancelled clinics
- Send reminders

Source: *MMWR* 70:389, 2021.





THE WHITE HOUSE
WASHINGTON

WH.GOV