



THE WHITE HOUSE  
WASHINGTON

# COVID-19 Press Briefing

May 21, 2021



# Daily Change in COVID-19 Cases, US

January 22, 2020 – May 19, 2021

TOTAL Cases Reported Since 1/22/20

**32,855,010**

NEW Cases Reported to CDC on 5/19/21

**27,857**

Change in 7-Day Case Average

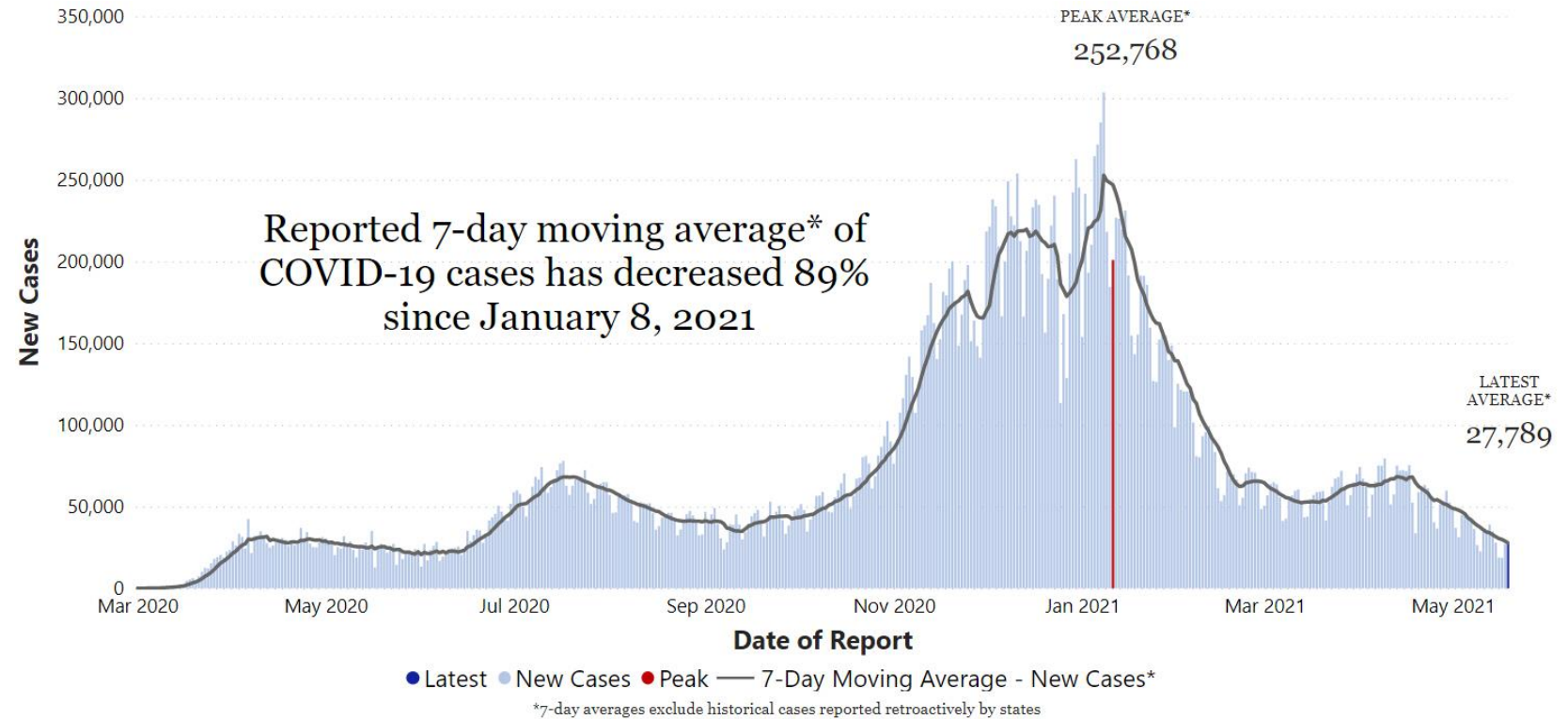
**-19.5%**

Current 7-Day Case Average (5/13/21 - 5/19/21)

**27,789**

Prior 7-Day Case Average (5/6/21 - 5/12/21)

**34,502**



# New Admissions of Patients with Confirmed COVID-19

August 1, 2020 – May 18, 2021

Patients Currently Hospitalized with COVID on 5/18/21

**24,200**

New Admissions on 5/18/21

**3,465**

Peak in New Admissions (1/5/21)

**18,162**

Change in 7-Day Average of New Admissions

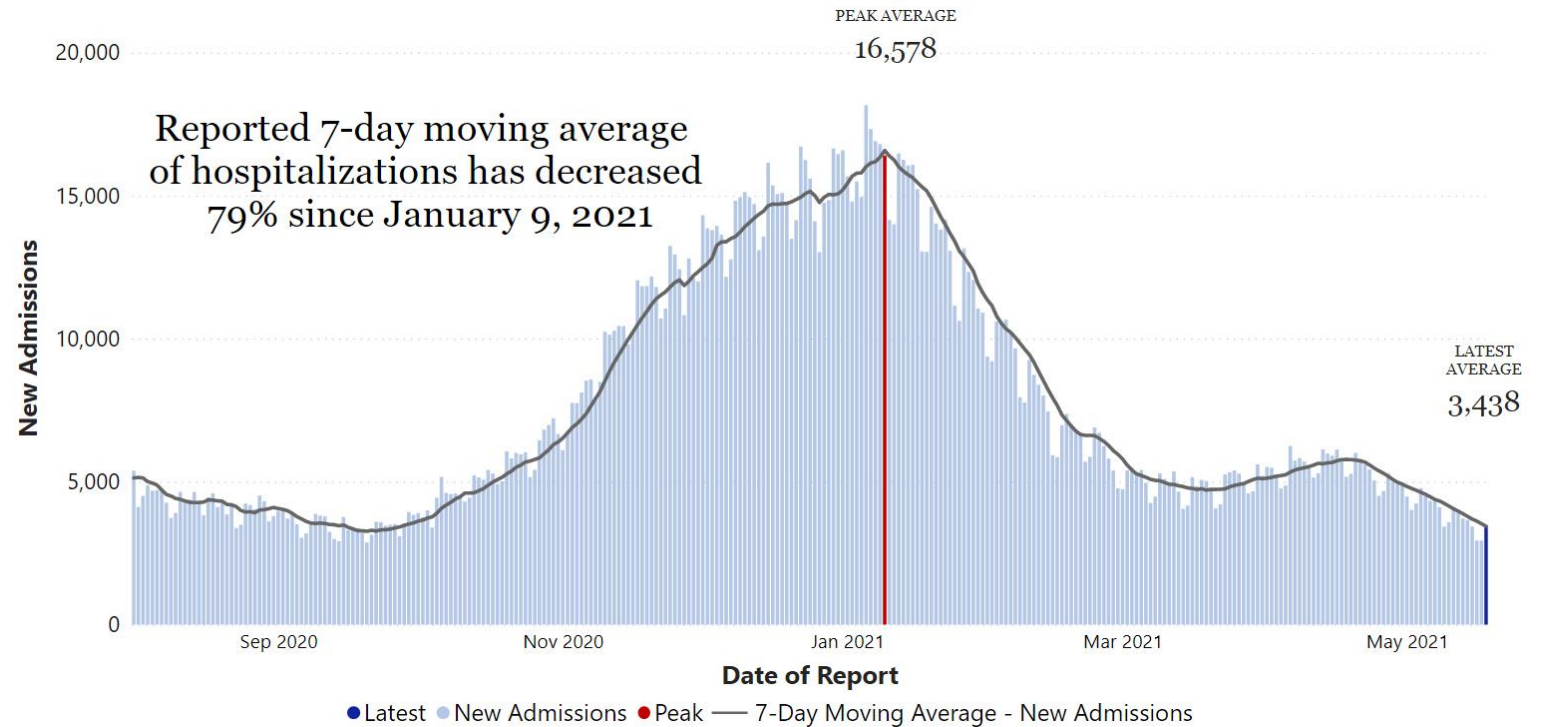
**-15.1%**

Current 7-Day Average of New Admissions (5/12/21 - 5/18/21)

**3,438**

Prior 7-Day Average of New Admissions (5/5/21 - 5/11/21)

**4,051**



# Daily Change in COVID-19 Deaths, United States

January 22, 2020 – May 19, 2021

TOTAL Deaths Reported Since 1/22/2020

584,975

NEW Deaths Reported to CDC on 5/19/21

639

Change in 7-Day Death Average

-10.5%

Current 7-Day Death Average (5/13/21 - 5/19/21)

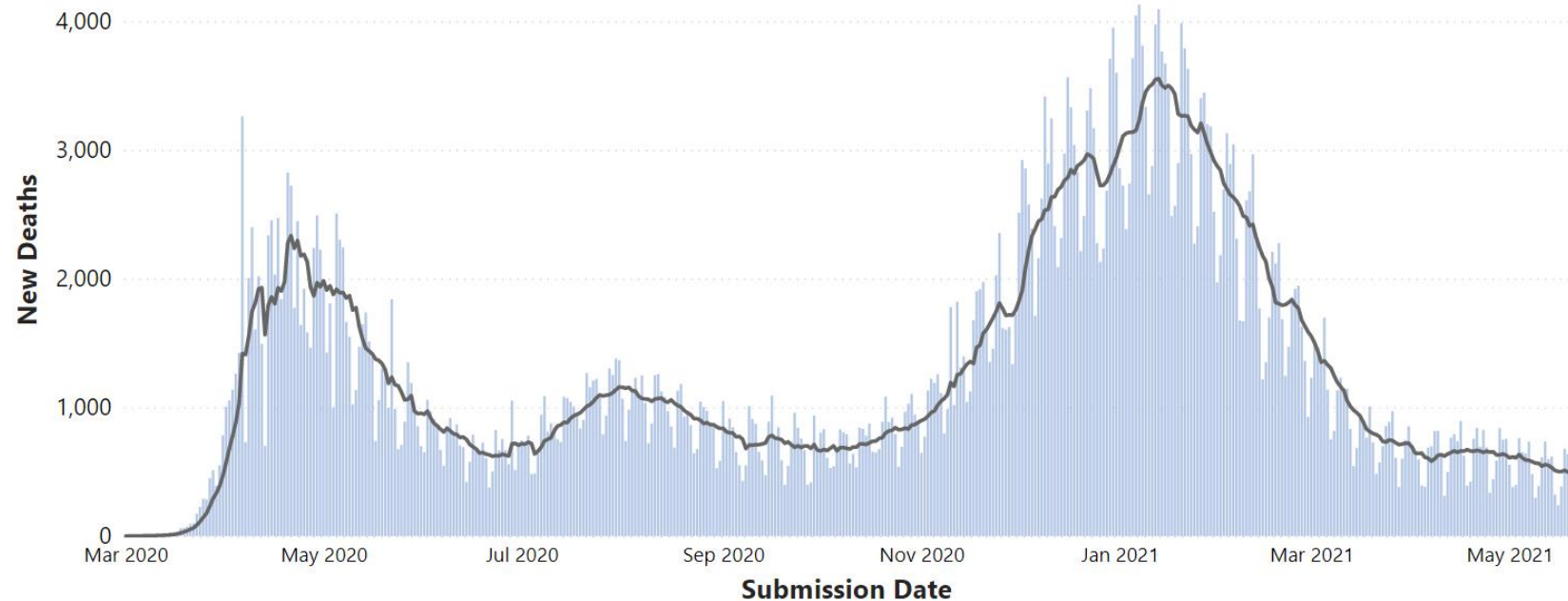
498

Prior 7-Day Death Average (5/6/21 - 5/12/21)

556

Forecasted Total Deaths by 6/12/21

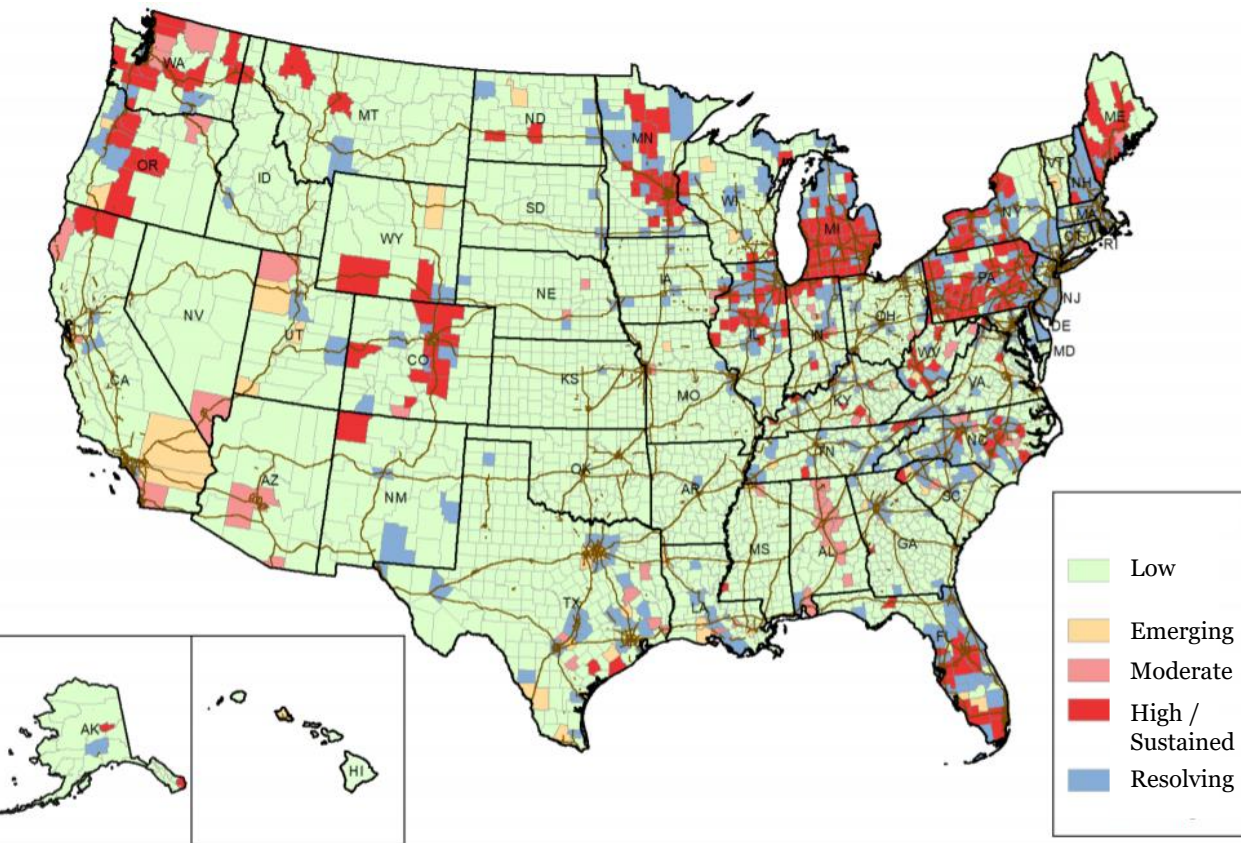
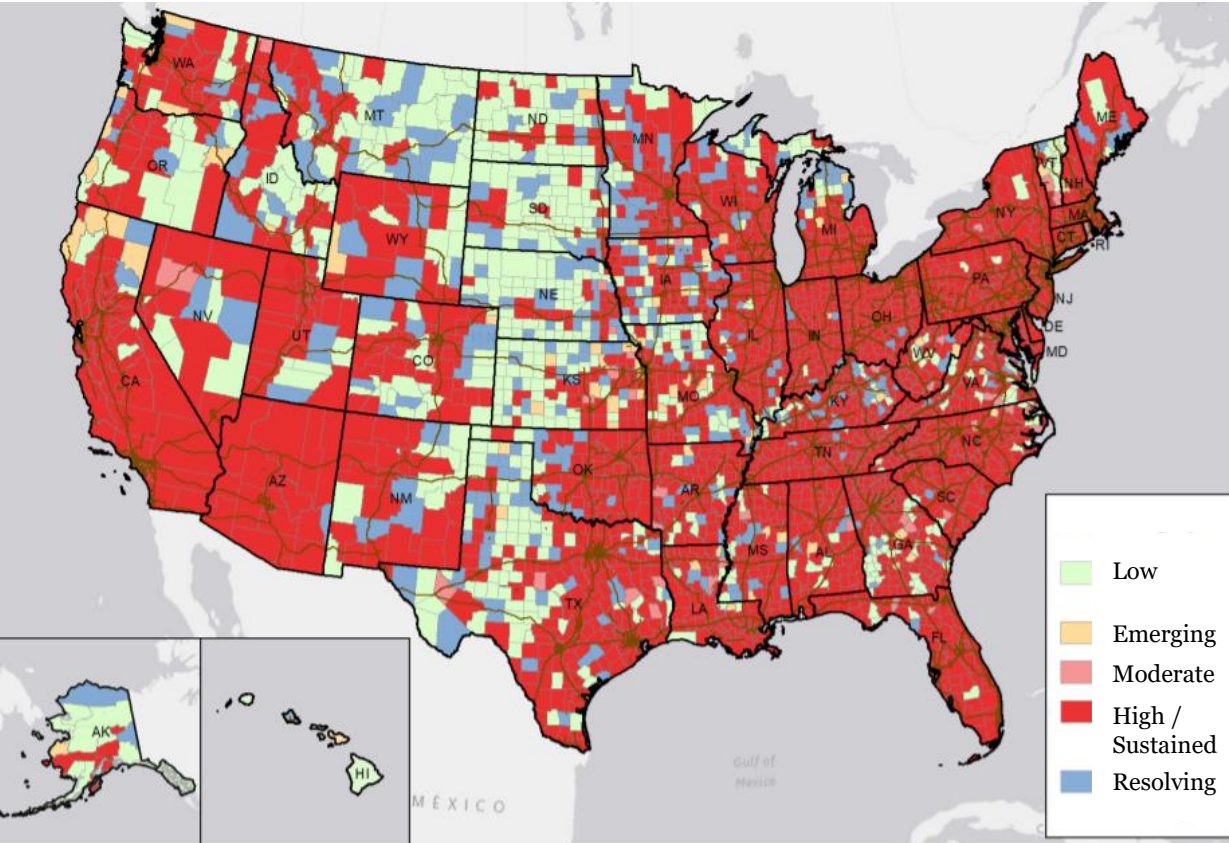
594,000 to 604,000



# Community COVID-19 Burden of Disease

*January 2, 2021*

*May 19, 2021*



# **More on the Real-World Effectiveness of COVID-19 Vaccines**





## Interim Estimates of Vaccine Effectiveness of Pfizer-BioNTech and Moderna COVID-19 Vaccines Among Health Care Personnel — 33 U.S. Sites, January–March 2021

- Test-negative design case-control study; 623 case-patients and 1,220 controls in 25 states
- Adjusted vaccine effectiveness (VE) of 2 doses of Pfizer-BioNTech or Moderna COVID-19 (measured  $\geq 7$  days after the second dose): **94% against symptomatic COVID-19**
- VE after 1 dose: 82%



The  
New England  
Journal of Medicine

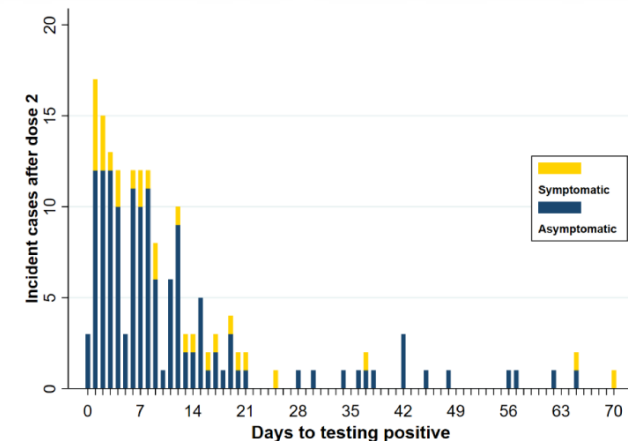
Established in 1812 as THE NEW ENGLAND JOURNAL OF MEDICINE AND SURGERY

Published online May 19, 2021

# Incident SARS-CoV-2 Infection among mRNA-Vaccinated and Unvaccinated Nursing Home Residents

EM White, V Mor et al.

- Residents of 280 nursing homes across 21 U.S. states; Total n >18,000
- Among 13,048 vaccinated residents who received 2 vaccine doses, there were 130 SARS-CoV-2 infections (1.0%) within 0-14 days of 2nd dose and 38 infections (0.3%) after 14 days
- ~80% of cases asymptomatic



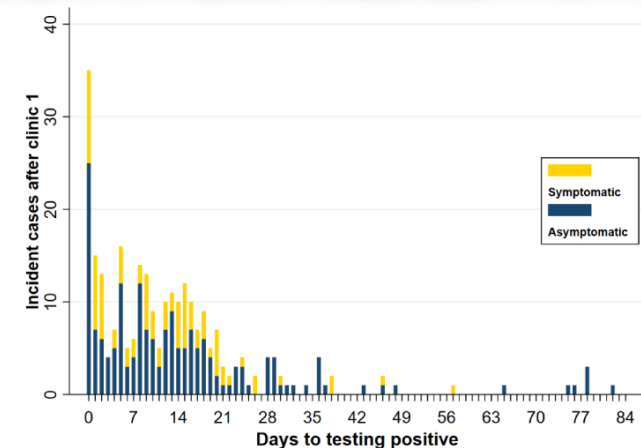




# Incident SARS-CoV-2 Infection among mRNA-Vaccinated and Unvaccinated Nursing Home Residents

EM White, V Mor et al.

- **Among 3,990 unvaccinated residents, incident SARS-CoV-2 infections decreased from 173 cases (4.3% of unvaccinated residents) within 0 to 14 days after the first vaccination clinic to 12 cases (0.3%) at more than 42 days after the clinic**



# Real-World Effectiveness of Ad26.COV2.S Adenoviral Vector Vaccine for COVID-19

J Corchado-Garcia et al.

- Multi-state Mayo Clinic health system (MN, AZ, FL, WI, IA)
- After at least 2 weeks of follow-up, 3 of 1,779 people vaccinated with Johnson & Johnson vaccine tested positive for SARS-CoV-2 compared to 128 of 17,744 unvaccinated individuals
- Vaccine effectiveness: 76.7%

# Johnson & Johnson (Janssen) Vaccine



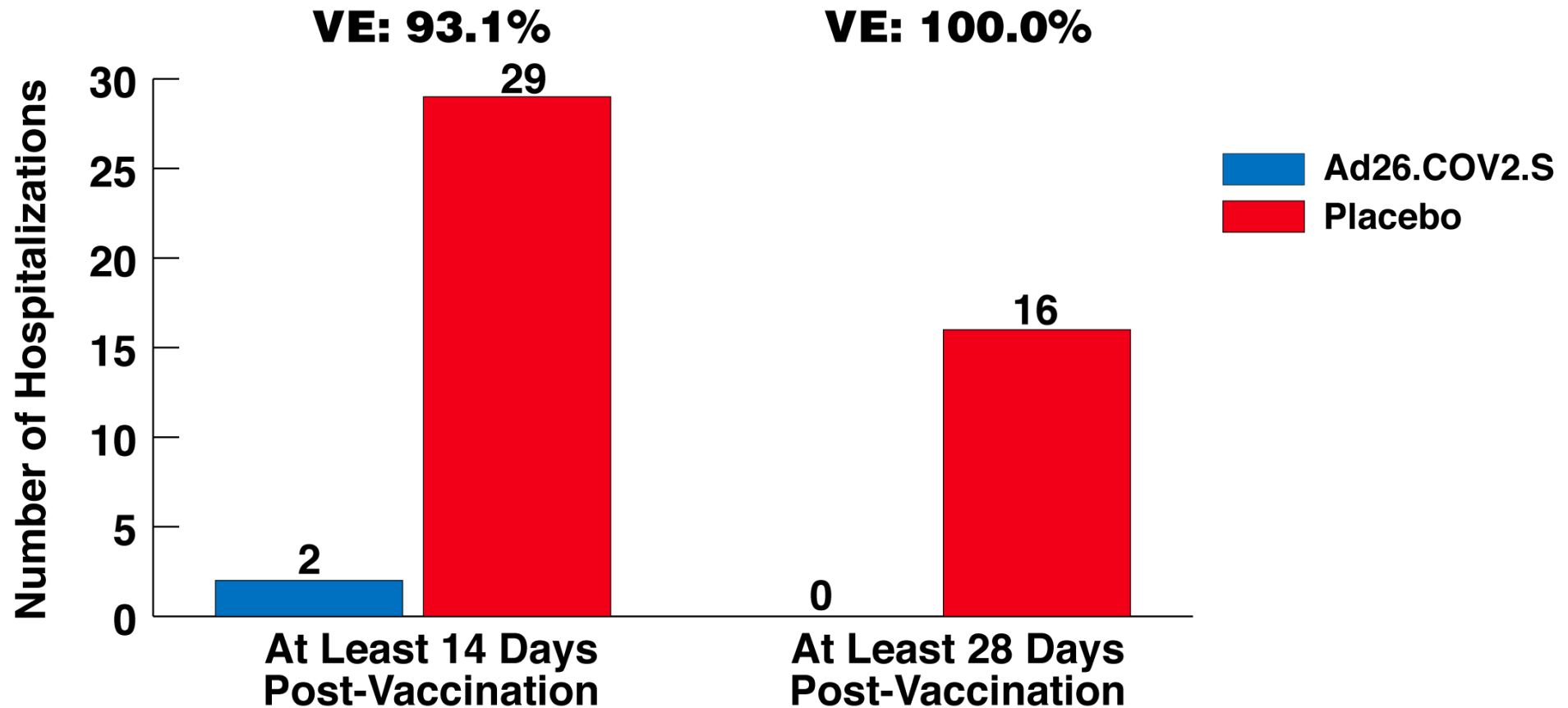
## **Safety and Efficacy of Single-Dose Ad26.COV2.S Vaccine against COVID-19**

J Sadoff et al. for the ENSEMBLE Study Group

- **67% vaccine efficacy overall against moderate-to severe COVID-19 of any severity (with disease onset at least 14 days after administration)**
  - 74% in United States
  - 66% in Brazil
  - 52% in South Africa
- **77% vaccine efficacy overall against severe-critical COVID-19 with onset at  $\geq 14$  days, 85% at  $\geq 28$  days**



# Johnson & Johnson Vaccine Efficacy Against COVID-19 Related Hospitalizations



Source: J Sadoff et al. *N Engl J Med*, 4/21/2021, figure S3.



# **COVID-19-Related Deaths in Phase 3 Trial of Johnson & Johnson COVID-19 Vaccine**

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- **Vaccine group (n=21,895)**
  - **0 COVID-19 related deaths**
- **Placebo group (n=21,888)**
  - **5 COVID-19 related deaths**

Source: J Sadoff et al. *N Engl J Med*, 4/21/2021, table S7.



# COVID-19 Vaccines:

- Protect you
- Protect your family
- Interrupt the chain of transmission of SARS-CoV-2



**Get Vaccinated!**





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