

### COVID-19 Press Briefing

March 1, 2021







### Daily Change in COVID-19 Cases, US

January 22, 2020 – February 27, 2021

TOTAL Cases Reported Since 1/22/20

28,355,420

NEW Cases Reported to CDC on 2/27/21

69,876

Change in 7-Day Case Average

+2.1%

Current 7-Day Case Average (2/21/21 - 2/27/21)

67,176

Prior 7-Day Case Average (2/14/21 - 2/20/21)

65,812



**Date of Report** 

Latest
 New Cases
 Peak
 — 7-Day Moving Average
 New Cases

Peaks in New Cases and Highest 7-Day Moving Average

**Highest Daily** 

**Number of New** 

**Highest 7-Day** 





### New Admissions of Patients with Confirmed COVID-19

August 1, 2020 – February 26, 2021

Patients Currently Hospitalized with COVID on 2/26/21

39,973

New Admissions on 2/26/21

5,222

Peak in New Admissions (1/5/21)

18,006

Change in 7-Day Average of New Admissions

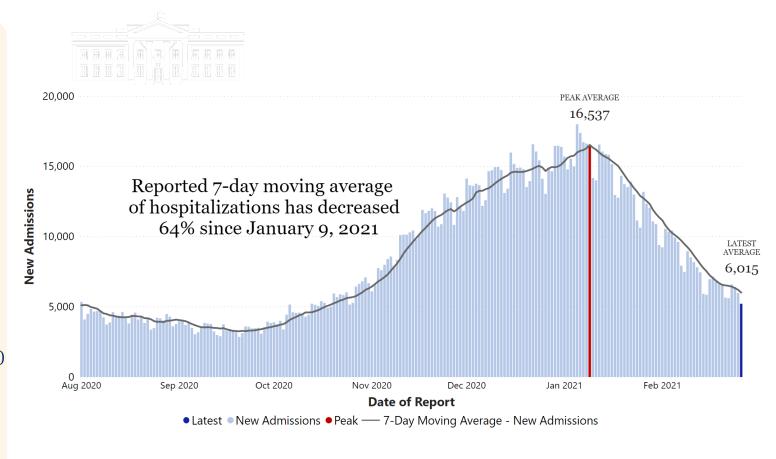
-10.0%

Current 7-Day Average of New Admissions (2/20/21 - 2/26/21)

6,015

Prior 7-Day Average of New Admissions (2/13/21 - 2/19/21)

6,687







### Daily Change in COVID-19 Deaths, United States

January 22, 2020 – February 27, 2021

TOTAL Deaths Reported Since 1/22/2020

510,777

NEW Deaths Reported to CDC on 2/27/21

1,828

Change in 7-Day Death Average

+2.4%

Current 7-Day Death Average (2/21/21 - 2/27/21)

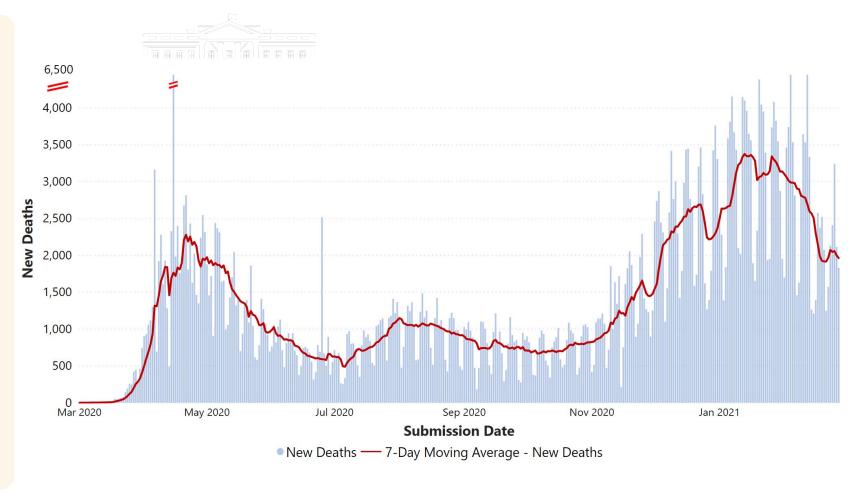
1,962

Prior 7-Day Death Average (2/14/21 - 2/20/21)

1,917

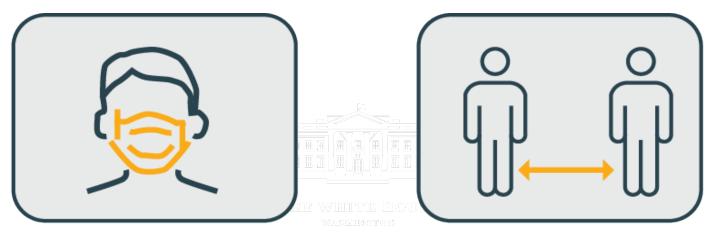
Forecasted Total Deaths by 3/20/21

526,000-548,000



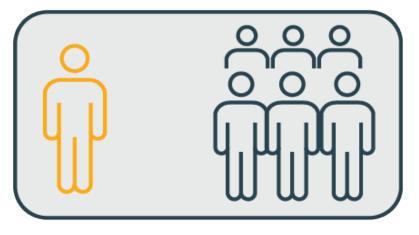






#### **WEAR A MASK**

#### **STAY 6 FEET APART**



**AVOID CROWDS** 



**AVOID TRAVEL** 







News Release February 27, 2021

# FDA Issues Emergency Use Authorization for Third COVID-19 Vaccine

Janssen COVID-19 Vaccine

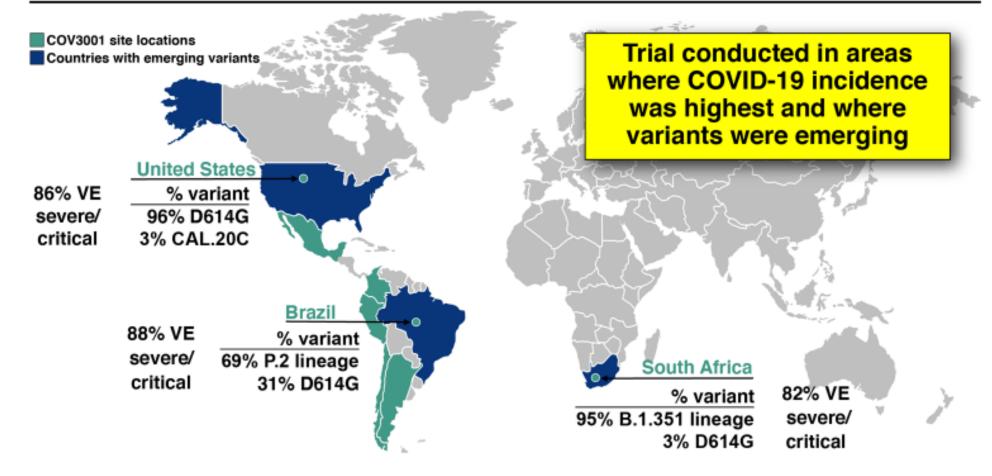


### Janssen COVID-19 Vaccine: Phase 3 COV3001 (ENSEMBLE) Study

- 66% vaccine efficacy against moderate to severe/critical COVID-19 across all countries
  - Protection as of 2 weeks after vaccination
- 72% vaccine efficacy against moderate to severe/critical COVID-19 in the United States
  - Participants reflected diversity of US population (n > 19,000)
- 85% vaccine efficacy against severe COVID-19 globally, including the United States
  - Consistent vaccine efficacy against severe disease across all regions
  - Equally high protection in South Africa (n > 6,500) where B.1.351 is highly prevalent (> 95%)
  - Complete protection against COVID-19 related hospitalizations and deaths



### Janssen COVID-19 Vaccine Protective Against Emerging SARS-CoV-2 Variants

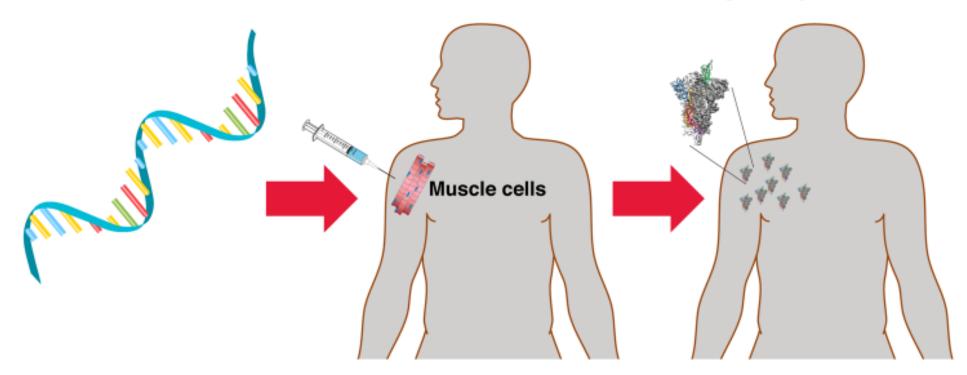




### mRNA Vaccine Approach

mRNA for spike protein of coronavirus

Inject into muscle cells Muscle cells read the mRNA and make spike protein





### Janssen COVID-19 Vaccine Approach

Adenovirus (Ad26) Expressing SARS-CoV-2 Spike Protein Intramuscular injection SARS-CoV-2 spike insert DNA RNA Adenovirus DNA Spike protein Human cell



#### **Selected COVID-19 Vaccines**

Platform		Developer	Status
Nucleic Acid (mRNA)	lim	moderna	94% efficacy vs.  symptomatic disease  EUA
	النسم	BIONTECH Pizer	■ 95% efficacy vs. symptomatic disease ► EUA
Adenovirus Vector		Janssen J	72% efficacy in U.S. 85% efficacy overall vs. severe disease in U.S., South Africa, Latin America
		AstraZeneca	■ 63% efficacy vs. symptomatic disease in U.K., Brazil and South Africa  ■ EUA TBD
Recombinant Protein and Adjuvant	+ 🧳	gsk SANOFI 🧳	■ Phase 2 underway → Feb. 2021
		NOVAVAX Creating Tomorrow's Vaccines Today	■ 89% efficacy vs. symptomatic disease → EUA TBD in U.K.



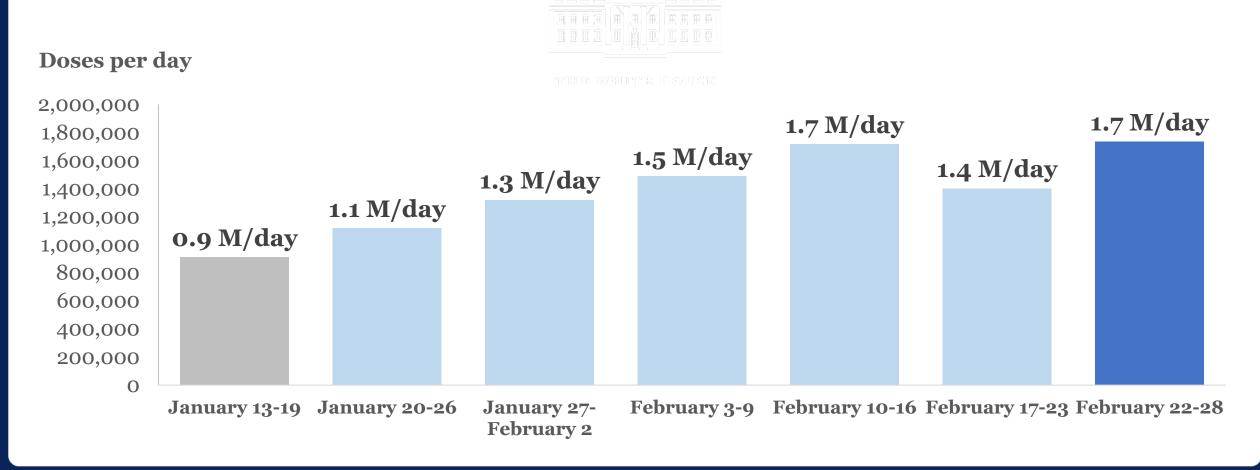
## Role of NIH and the U.S. Government in the Development and Testing of the Johnson & Johnson (Janssen) COVID-19 Vaccine

- Decades of NIH support of basic, pre-clinical and clinical research to develop the adenovirus 26 (Ad26) vector
- Development of the stabilized pre-fusion spike protein by scientists at the NIAID Vaccine Research Center
- Utilization by J & J of the extensive domestic and international clinical trials network established by NIAID for HIV and Influenza
- Use of the NIAID-funded core laboratory of the HIV Vaccine Trials Network (HVTN) at the Fred Hutchinson Cancer Research Center to perform immunological testing
- Use of the Data and Safety Monitoring Board (DSMB) established by NIAID to monitor the trial
- Extensive Support by BARDA at ASPR of HHS to conduct the trial
- Pre-purchase of hundreds of millions of doses of vaccine by BARDA



### The Vaccination Progress Report

7-day average daily doses administered by week as of 2/28/2021







THE WHITE HOUSE WASHINGTON

### WH.GOV