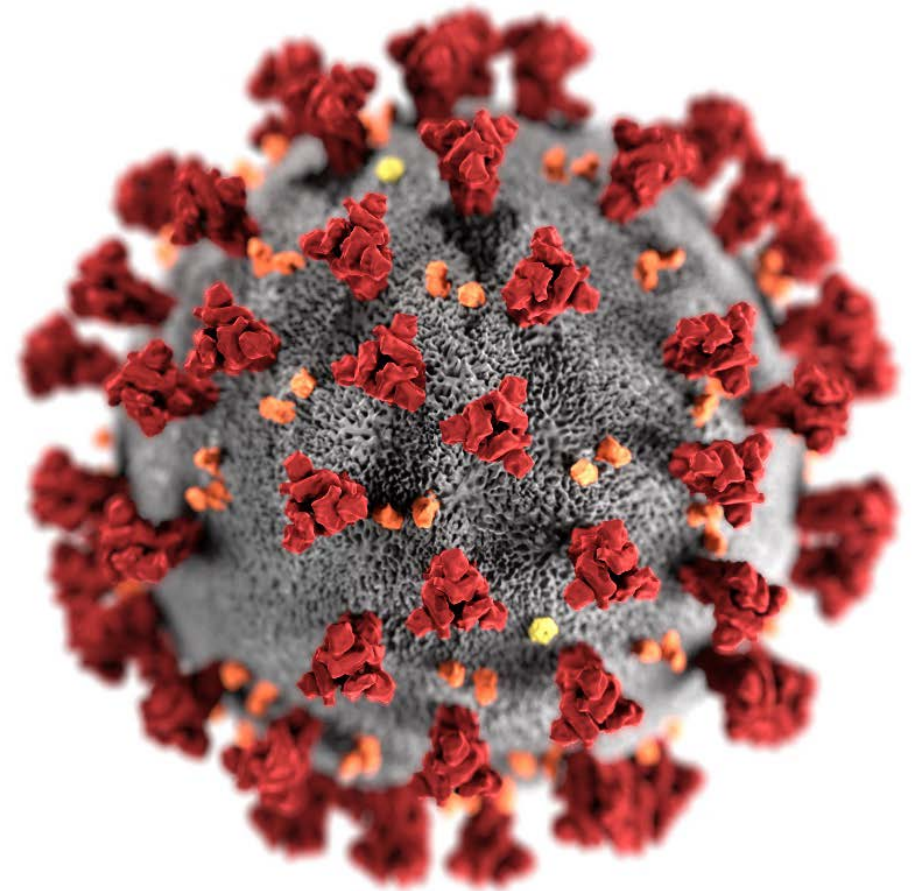


## COVID-19 vaccine implementation

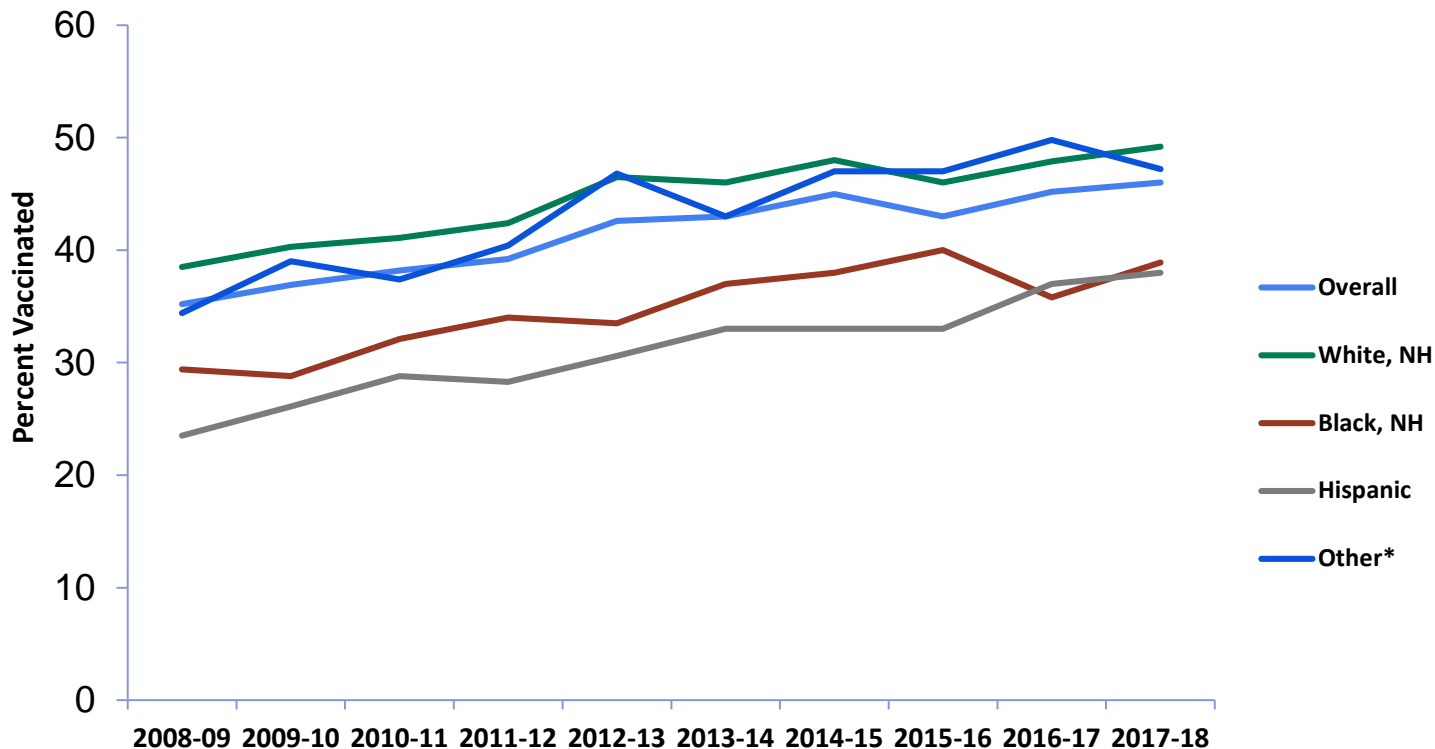
Nancy Messonnier, MD

July 29, 2020



# Rising to the challenge to achieve high coverage with COVID-19 vaccines

Influenza Vaccination Coverage, ≥18 years, by Race/Ethnicity:  
2008-09 – 2017-18



- Vaccination coverage of racial and ethnic minorities is consistently lower than that of white populations
- **We need novel and more robust strategies to increase uptake of COVID-19 vaccine, once one becomes available**

\*Other includes Asian, American Indian/Alaska Native, and multiple race.



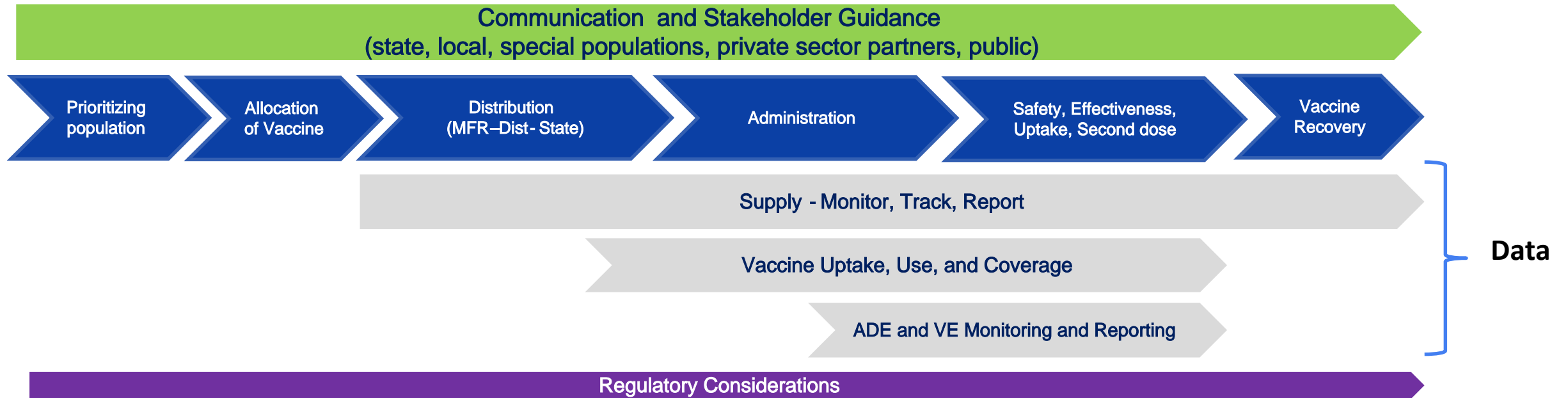
Source: Vaccination Coverage among Adults in the United States, National Health Interview Survey, CDC, 2017. NH = Non-Hispanic. Vaccinations included in this assessment include influenza, pneumococcal, Td, Tdap, Zoster, HepA, HepB, and HPV.

# Complex and evolving landscape for COVID-19 vaccine

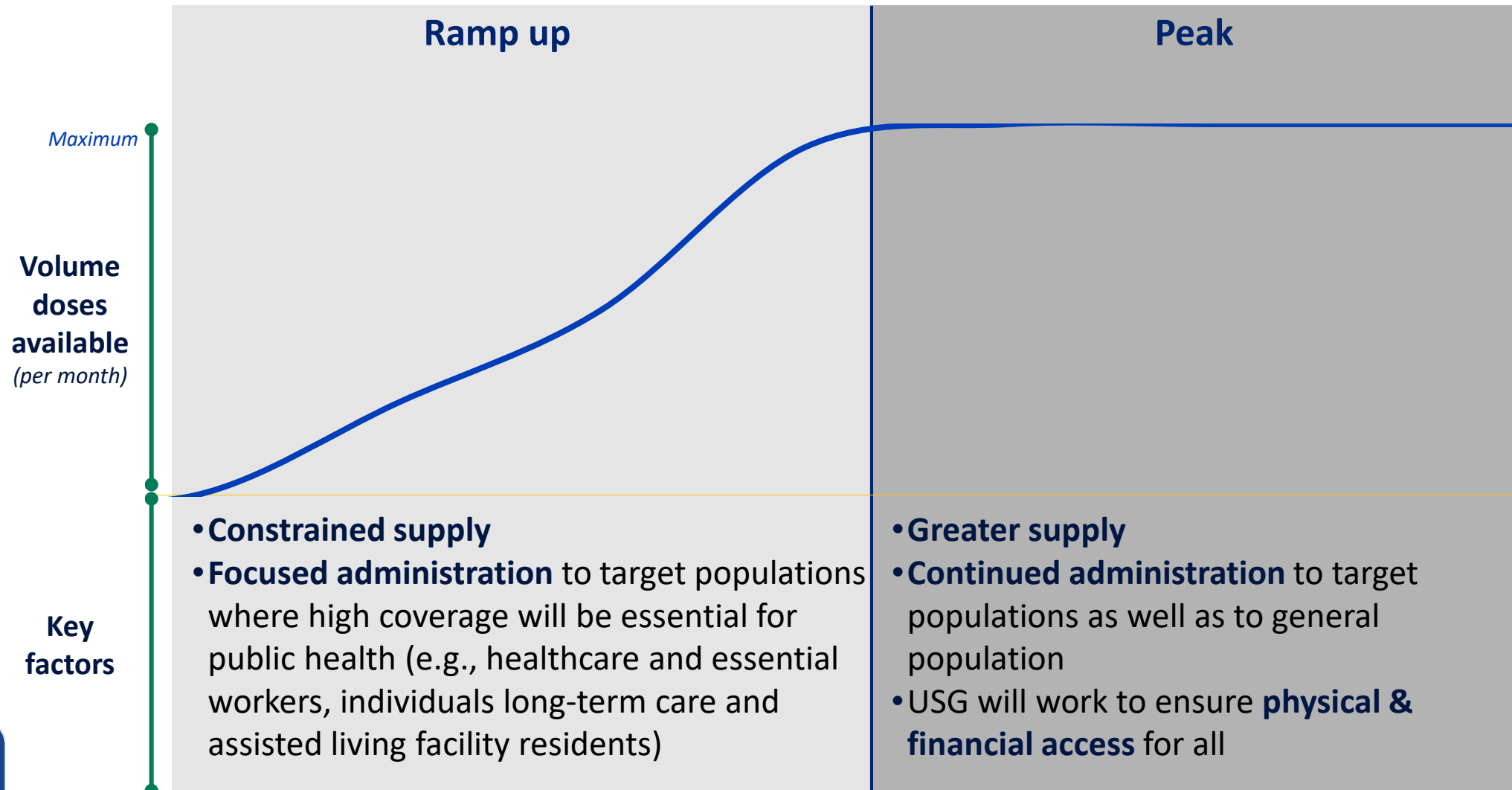
- One vs. two dose series, products not interchangeable
- Varying presentations
- Vaccine efficacy and adverse event profile in different populations
- Varying cold-chain requirements
- Use in children and pregnant women
- Need for socially distanced vaccination practices
- Communication and education
- High-risk groups for COVID-19 may distrust public health



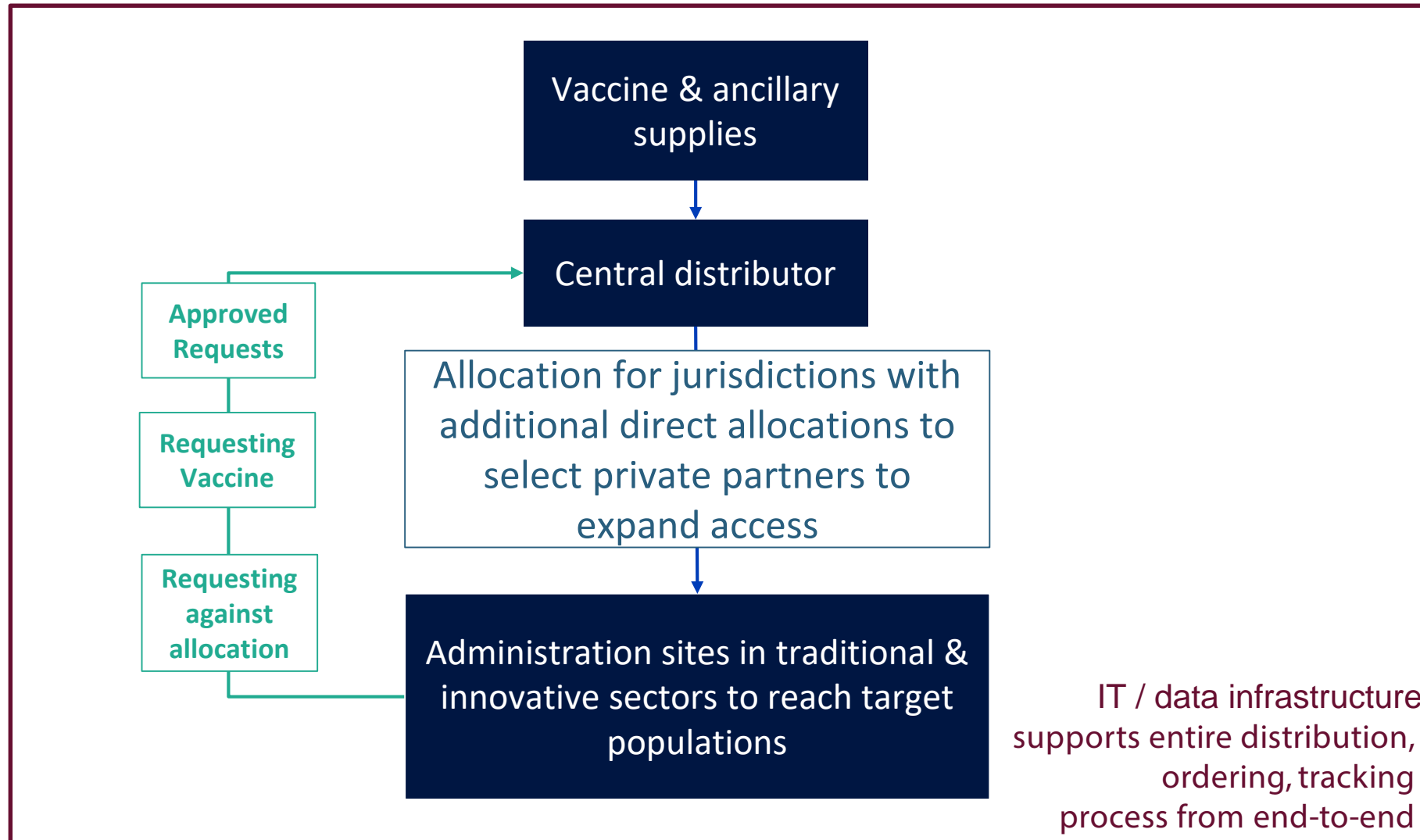
# Multiple Critical Components to Vaccine Implementation



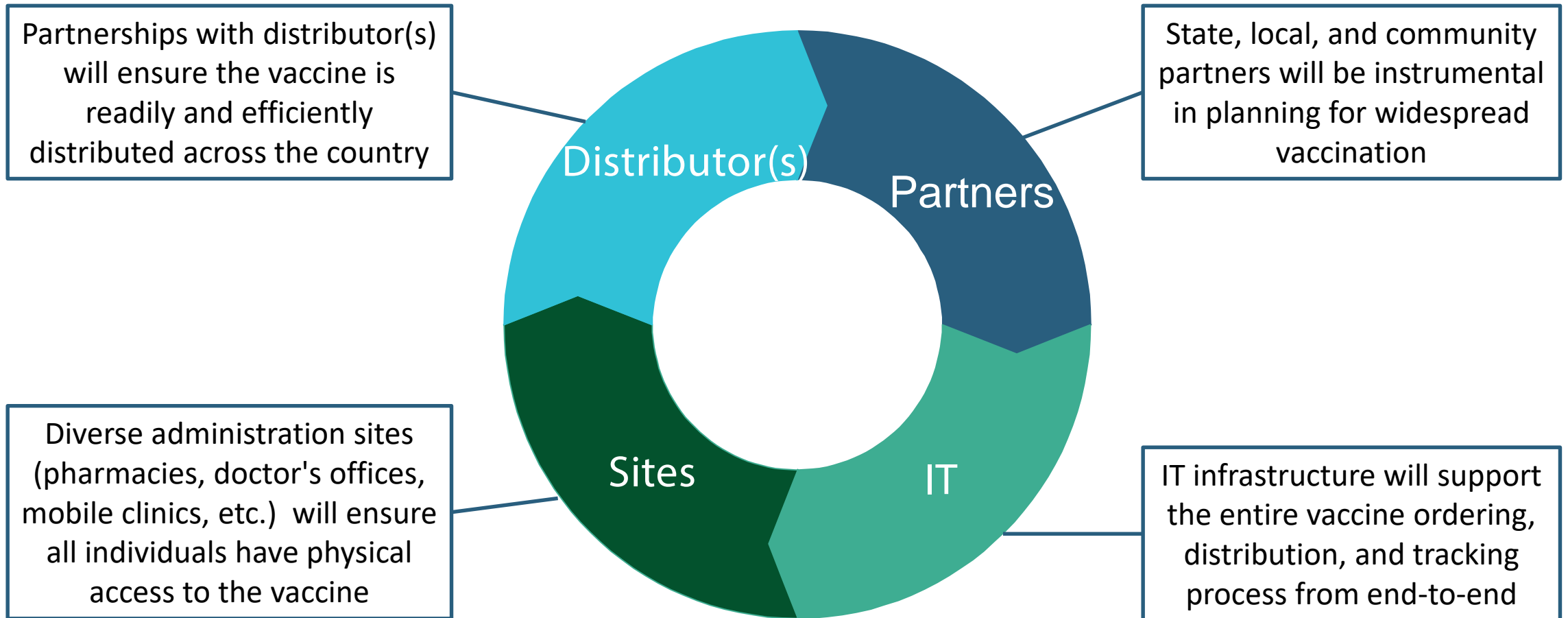
# As volume of doses available increases, we will be able to vaccinate broader populations



# Approach to COVID-19 vaccination



# To distribute and administer a COVID-19 vaccine, we will leverage many opportunities to ensure success



# The Vaccine Life Cycle

safety at every phase

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**BLA**

BIOLOGICS LICENSE APPLICATION

**CDC**

CENTERS FOR DISEASE CONTROL AND PREVENTION

**FDA**

FOOD AND DRUG ADMINISTRATION

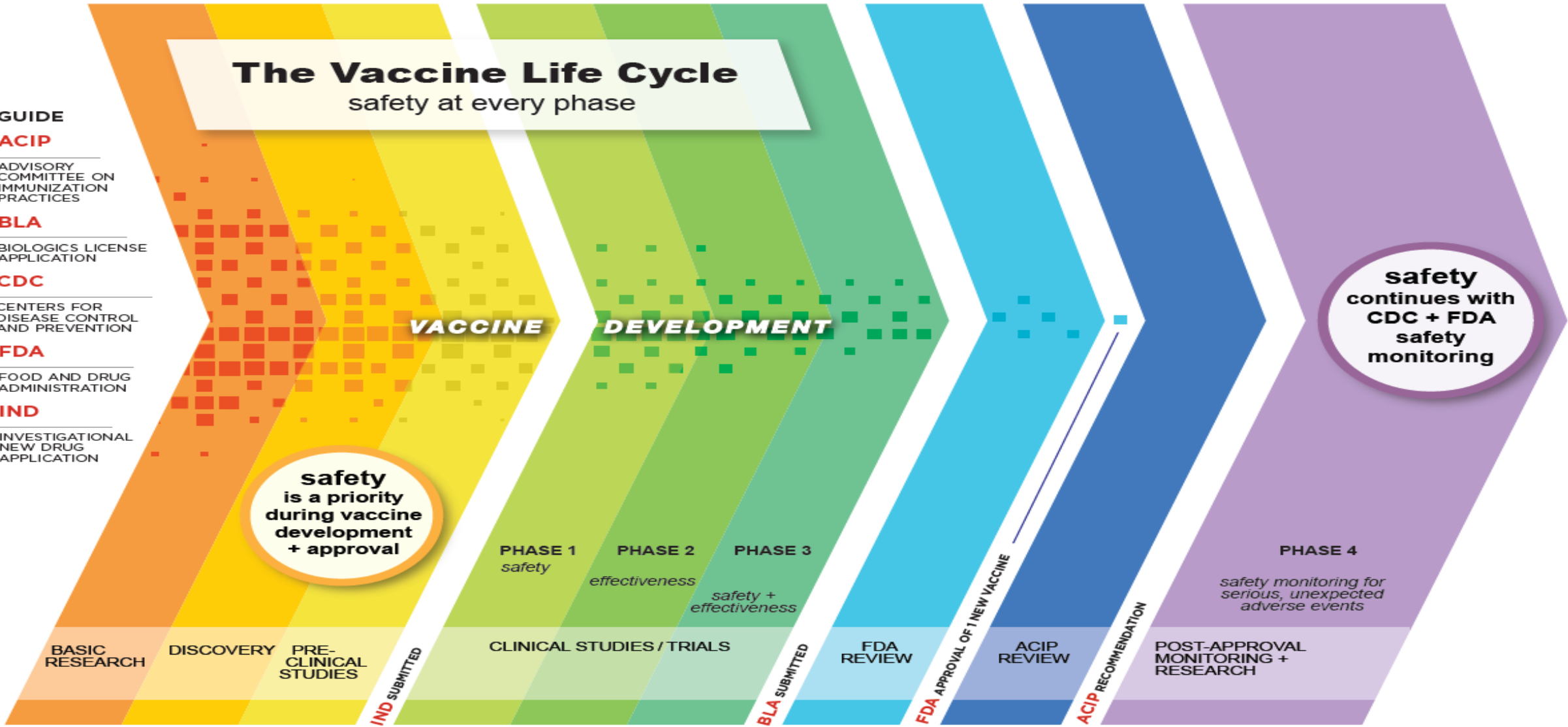
**IND**

INVESTIGATIONAL NEW DRUG APPLICATION

**safety is a priority during vaccine development + approval**

**safety continues with CDC + FDA safety monitoring**

**VACCINE DEVELOPMENT**



**LEARN MORE**

[FDA VACCINE DEVELOPMENT + APPROVAL PROCESS](http://go.usa.gov/xvvNd) <http://go.usa.gov/xvvNd>  
[CDC VACCINE SAFETY MONITORING + RESEARCH](http://go.usa.gov/xvvNe) <http://go.usa.gov/xvvNe>





# Vaccinate with **Confidence**

*CDC's strategic framework for strengthening vaccine confidence and preventing outbreaks of vaccine preventable diseases.*

## Protect communities

### **Strategy: Protect communities at risk from under-vaccination**

- ✓ Leverage immunization data to find and respond to communities at risk
- ✓ Work with trusted local partners to reach at-risk communities before outbreaks
- ✓ Ensure vaccines are available, affordable, and easy-to-get in every community

## Empower families

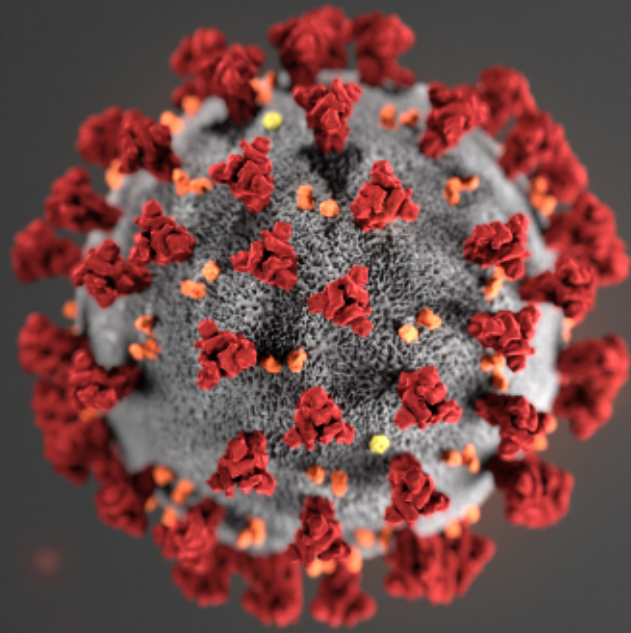
### **Strategy: Get providers and parents effective information resources**

- ✓ Expand resources for health care professionals to help them have effective vaccine conversations with parents
- ✓ Work with partners to start conversations before the first vaccine appointment
- ✓ Help providers foster a culture of immunization in their practices

## Stop myths

### **Strategy: Stop misinformation from eroding public trust in vaccines**

- ✓ Work with local partners and trusted messengers to improve confidence in vaccines among key, at-risk groups
- ✓ Establish partnerships to contain the spread of misinformation
- ✓ Educate key new stakeholders (e.g., state policy makers) about vaccines



For more information, contact CDC  
1-800-CDC-INFO (232-4636)  
TTY: 1-888-232-6348 [www.cdc.gov](http://www.cdc.gov)

# Thank you

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

