



# Beyond borders: Navigating vaccine equity

Write down the first word(s) that comes to mind when you hear the word “equity”

# Objectives

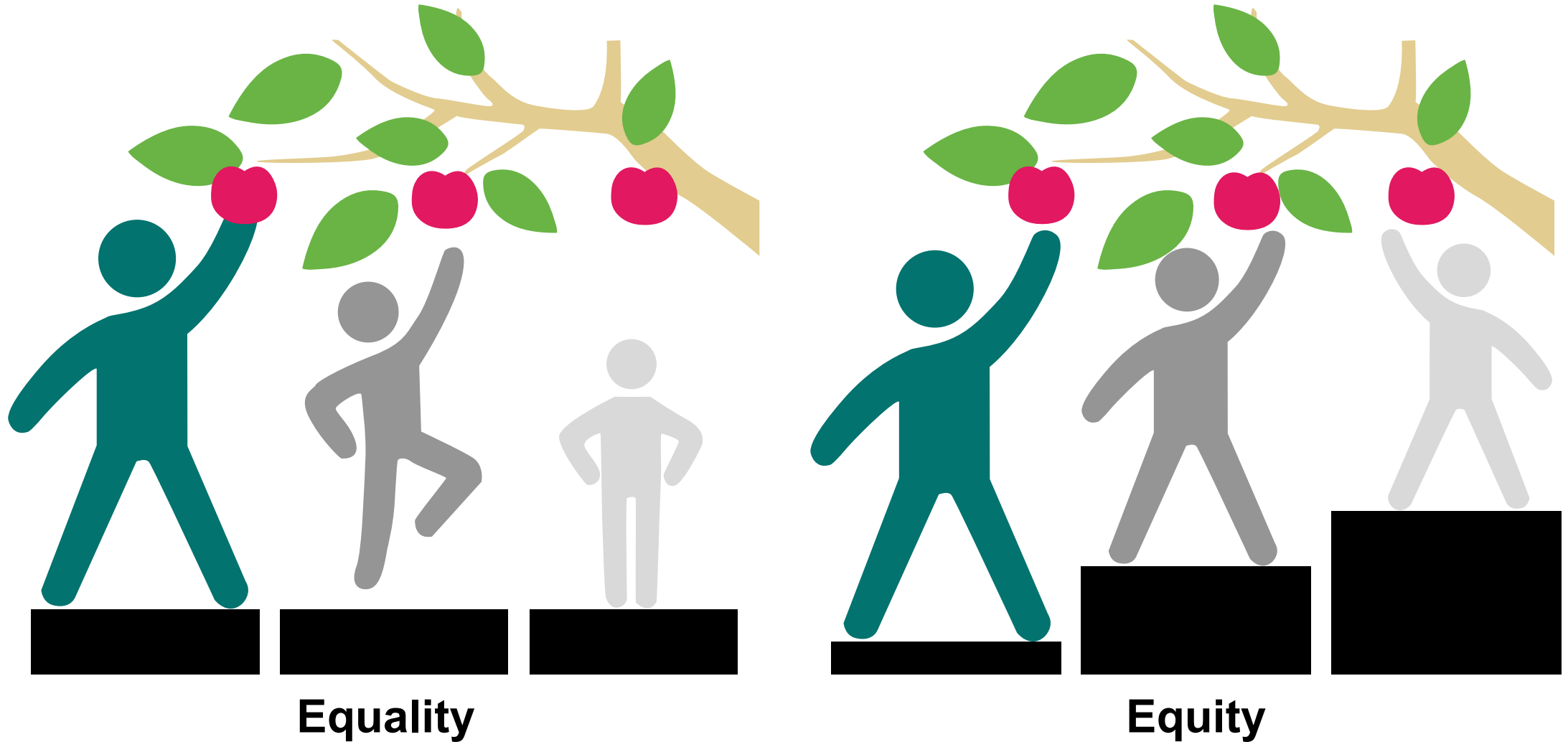


**Discuss** current US vaccination coverage rates and barriers to vaccination

**Describe** ways to close vaccine inequity gaps by examining strategies to reach disparate populations in the United States and address barriers to vaccination

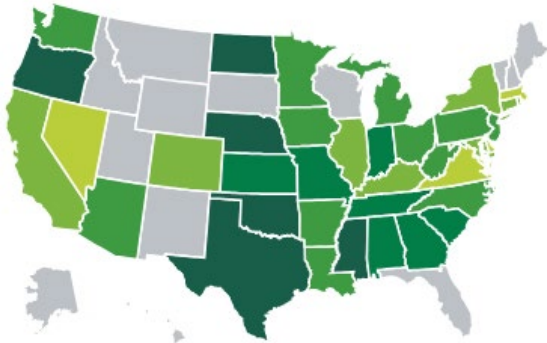
**Discuss** resources

# Equality vs. equity

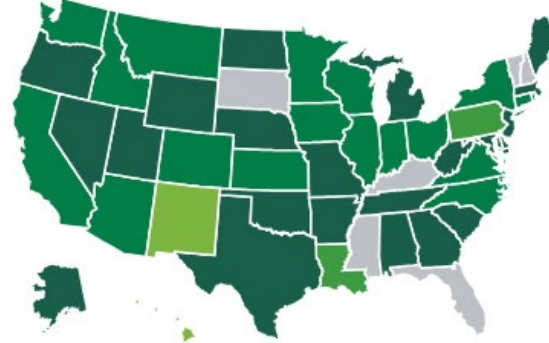


# Care avoidance due to cost in the US across race and ethnicity groups\*

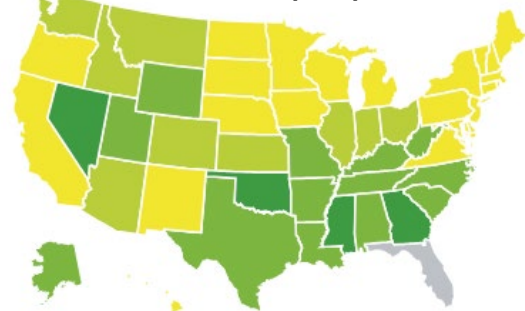
**Black or African American (NH)**



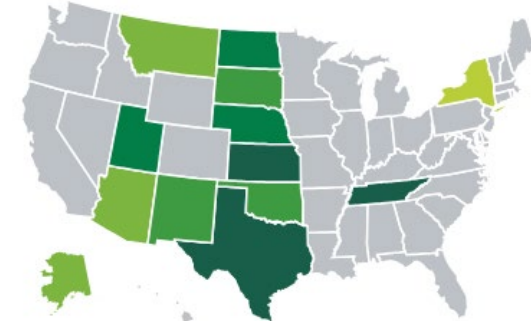
**Hispanic or Latino**



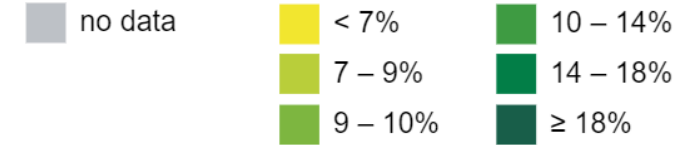
**White (NH)**



**American Indian and Alaskan Native (NH)**



**% avoided care**



Care avoidance: adults who reported a time in the past 12 months when they needed to see a doctor but could not because of cost.

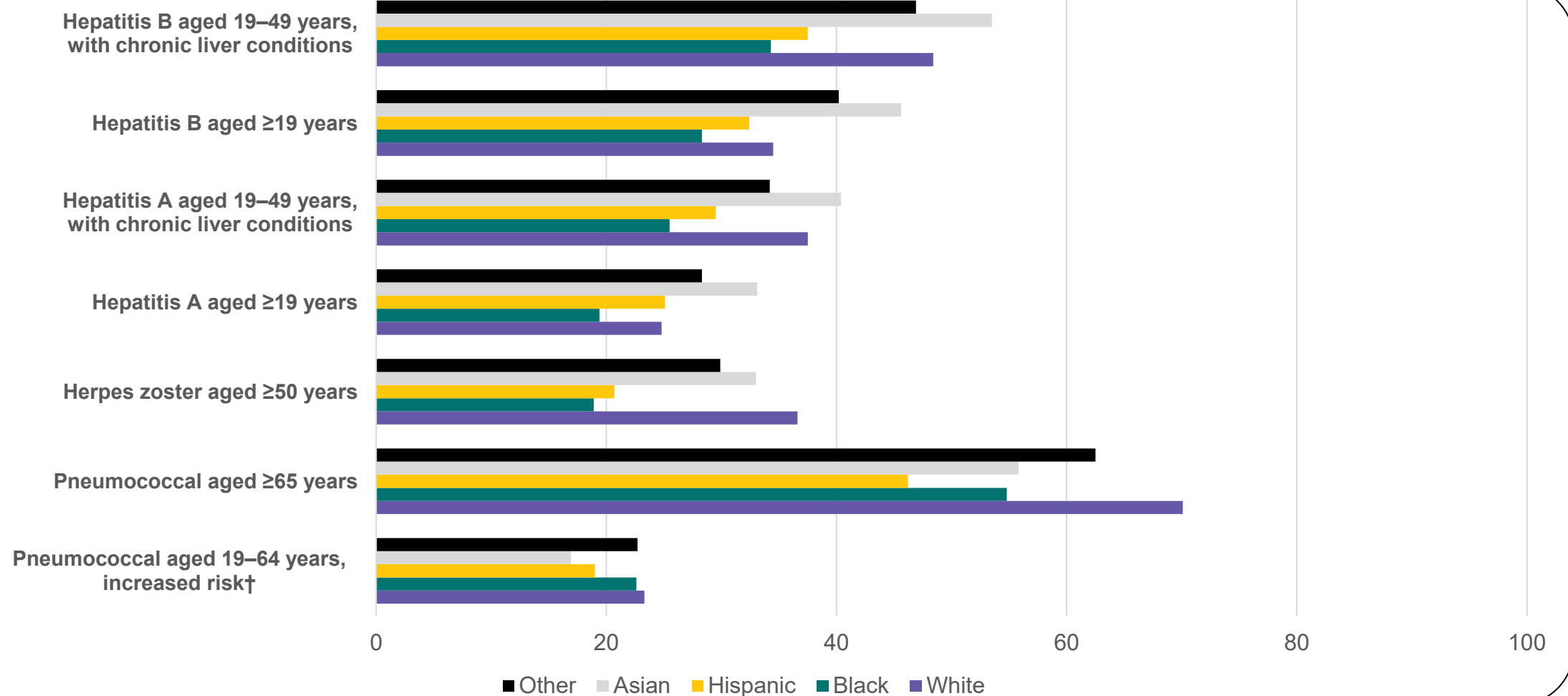
Total Population: 328,016,242

\*Data sources: America's Health Rankings (2021) and American Community Survey (ACS) 5-year estimates (2022).

NH: Non-Hispanic

# Estimated vaccination coverage by race and ethnicity in the US

## National Health Interview Survey, 2021\*



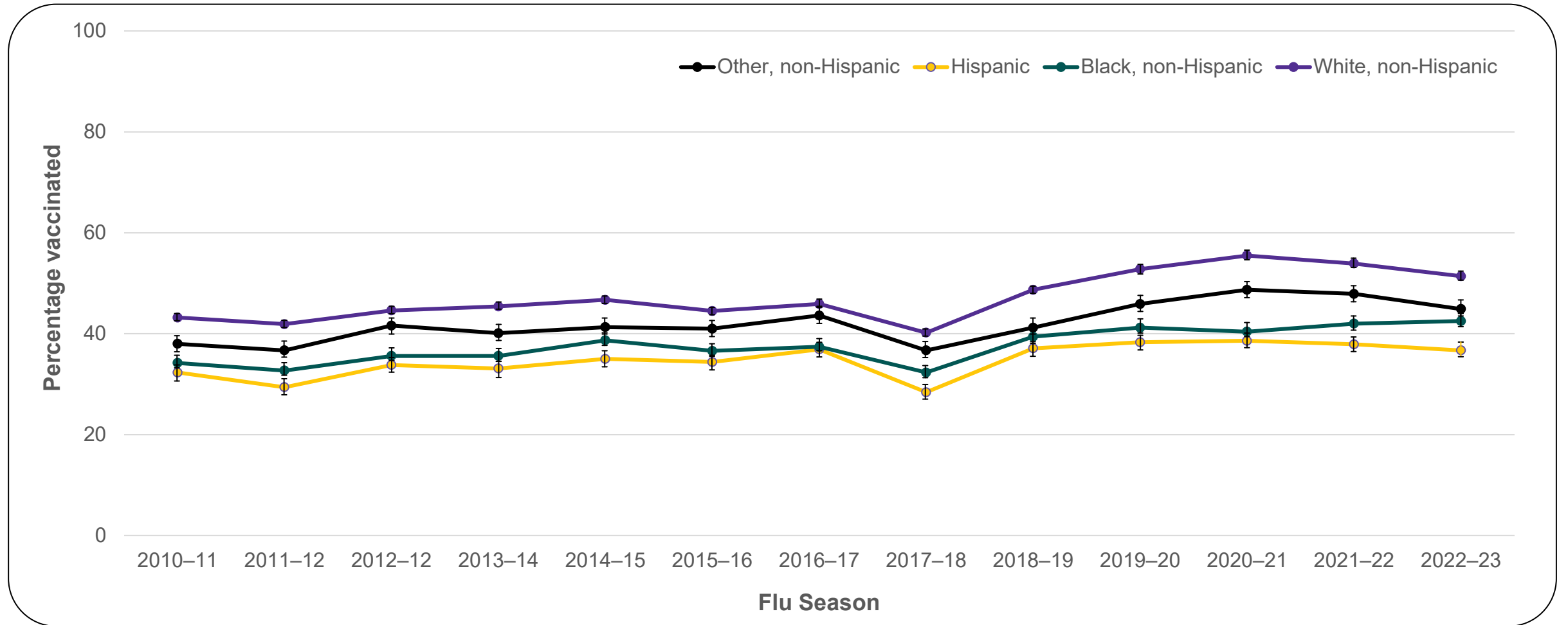
\*Respondents were asked if they ever received at least 1 dose of any herpes zoster, hepatitis A, hepatitis B, or pneumococcal vaccines.

†Refer to source data for increased risk criteria

Other includes American Indian/Alaskan Native, Native Hawaiian, Pacific Islander, or any other race and persons who identified multiple races.

CDC. Vaccination Coverage among Adults in the United States, National Health Interview Survey, 2021. Available at: <https://www.cdc.gov/vaccines/imz-managers/coverage/adultvaxview/pubs-resources/vaccination-coverage-adults-2021.html>. Accessed March 2024.

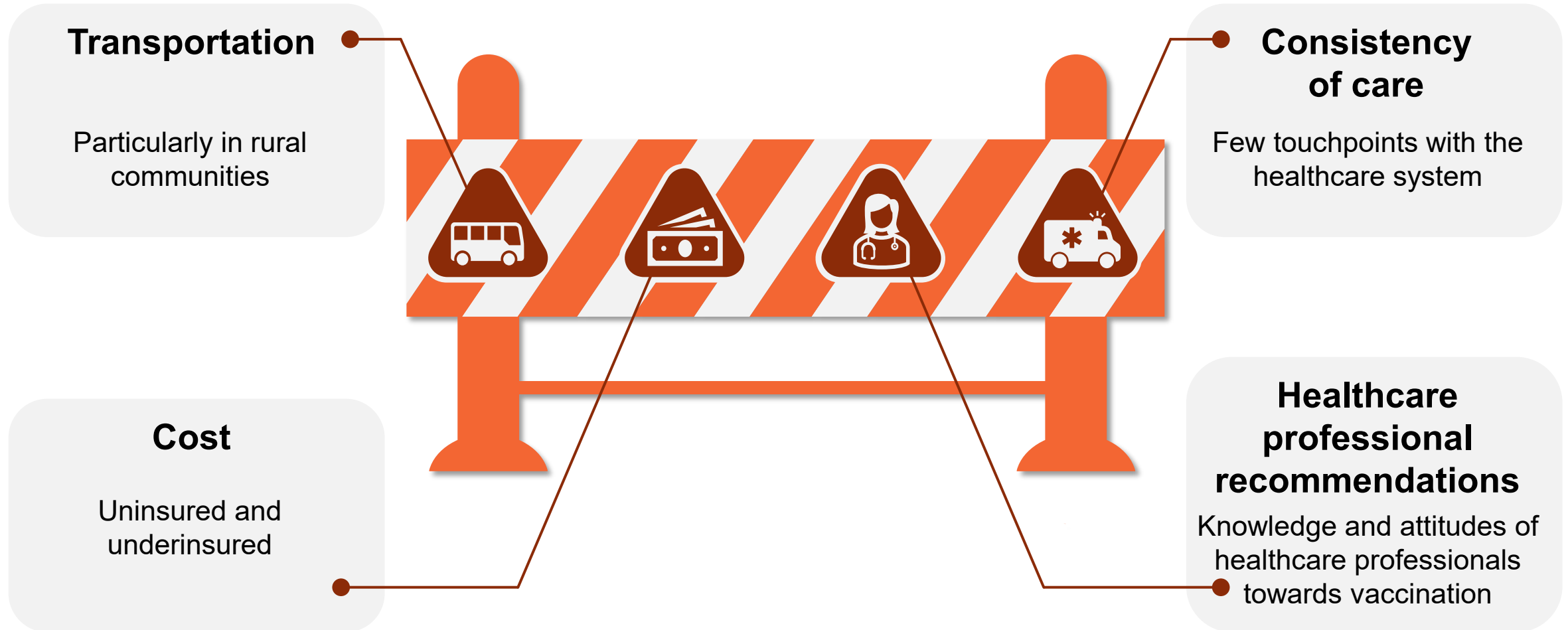
# Flu vaccination coverage by racial/ethnic group, adults 18 years and older, US, 2010–2023 estimates



Data source: Behavioral Risk Factor Surveillance System (BRFSS).  
Error bars represent 95% confidence intervals around the estimates.  
Other includes Asian, American Indian/Alaskan Native, Native Hawaiian, or other Pacific Islander, multiracial, and other races.

Adapted from Figure 8a. Flu Vaccination Coverage, United States, 2022-23 Influenza Season | FluVaxView | Seasonal Influenza (Flu) | CDC. Available at: <https://www.cdc.gov/flu/fluview/coverage-2223estimates.htm>. Accessed: March 2024.

# Potential barriers to vaccination



# Potential barriers to vaccination cont.

## Social determinants of health



- Age
- Gender
- Race
- Education
- Income level

## Level of trust and knowledge



## Vaccine specific concerns



- Needle phobia
- Safety
- Efficacy



# Strategies to address barriers to vaccination



## Widespread and clear education

- Mass campaigns
- Community-based or led education
  - Focusing on individual or groups that would not be reached by mass public campaigns



## Addressing cost



## Reminder and recall systems



## Optimizing access

- Mobile and home-based outreach
- Support clinics led by those from within or who work with specific communities
- Provide transportation options
- Outreach in multiple languages
- Assistance with booking appointments

## Vaccine Track

[www.vaccinetrack.com](http://www.vaccinetrack.com)

- Comprehensive platform developed by GSK and IQVIA for use by public health officials, industry leaders and medical professionals to strengthen vaccination data transparency, raise awareness and publicly share vaccination trends
- Vaccine Track provides a quarterly look at claims data for vaccines in U.S. adults
- First-time comprehensive data across payers has been made publicly available.

## EasyVAX

[www.easyvax.com](http://www.easyvax.com)

- Mobile vaccine scheduler



Thank you