National Center for Immunization & Respiratory Diseases

INFLUENZA VACCINATION COVERAGE: PRELIMINARY ESTIMATES FOR THE 2022-23 SEASON

Carla Black, PhD

Assessment Branch

Immunization Services Division

National Adult and Influenza Immunization Summit

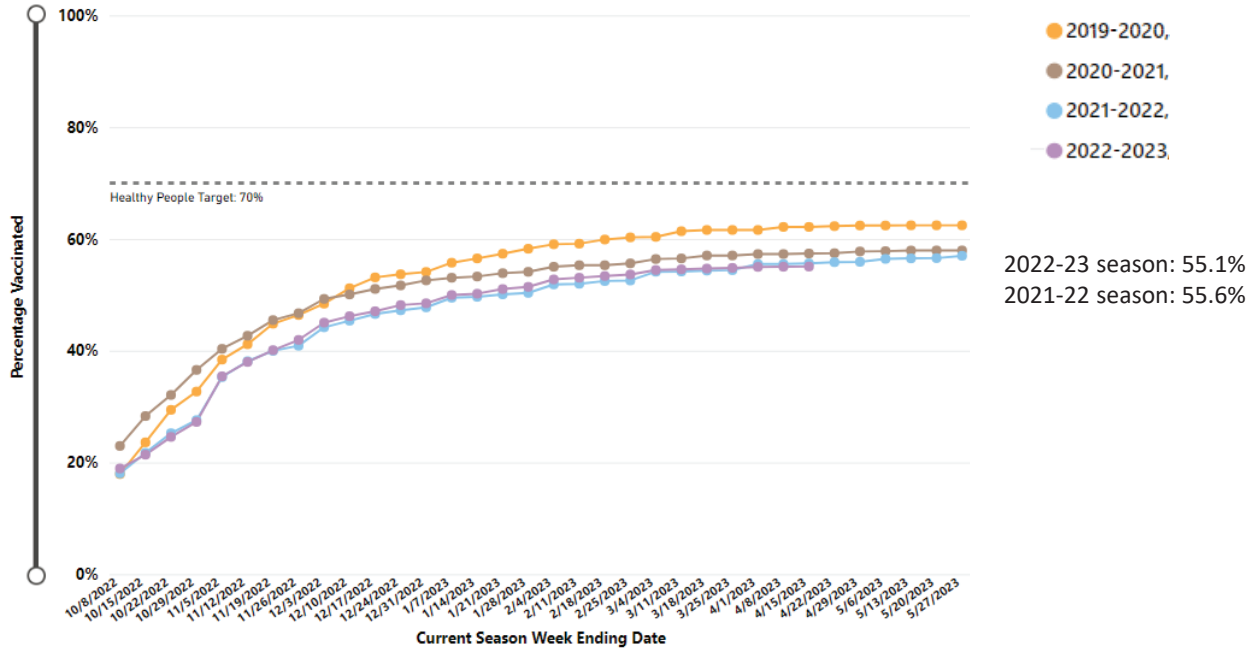
May 11, 2023

Data Sources

- **Children**
  - National Immunization Survey-Flu
- **Adults**
  - National Immunization Survey-Adult COVID Module
  - IQVIA
    - Doses administered in pharmacies and physician offices
  - Omnibus surveys using Ipsos KnowledgePanel and NORC Amerispeak panels
    - Reasons for not receiving a flu vaccination
- **Health care personnel**
  - Internet Panel Survey

Children

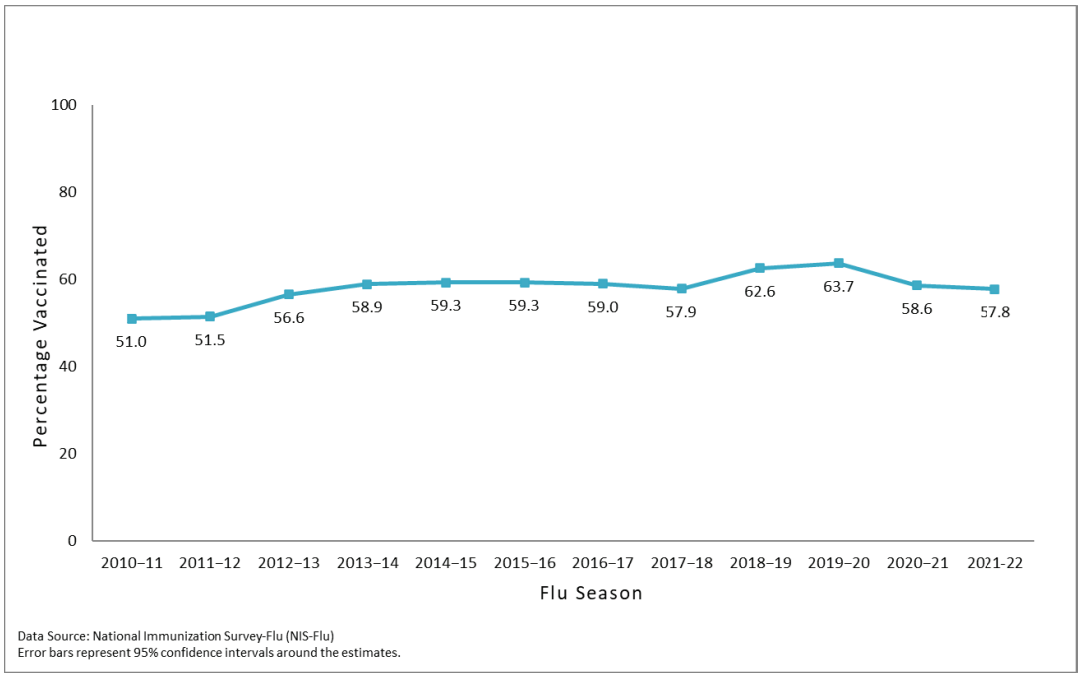
Weekly Cumulative Flu Vaccination Coverage by Flu Season, Children 6 Months–17 Years, United States, through April 15, 2023



2022-23 season: 55.1%
2021-22 season: 55.6%

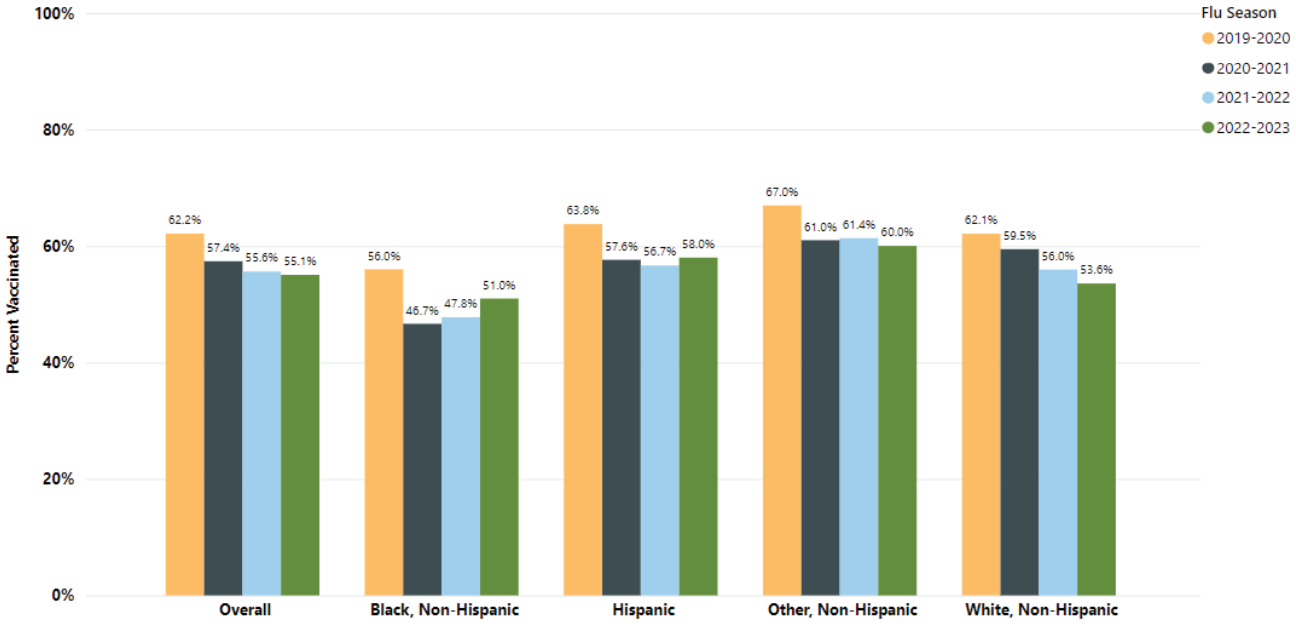
Data Source: National Immunization Survey-Flu

Influenza Vaccination Coverage among Children 6 months–17 years, United States, 2010–2022



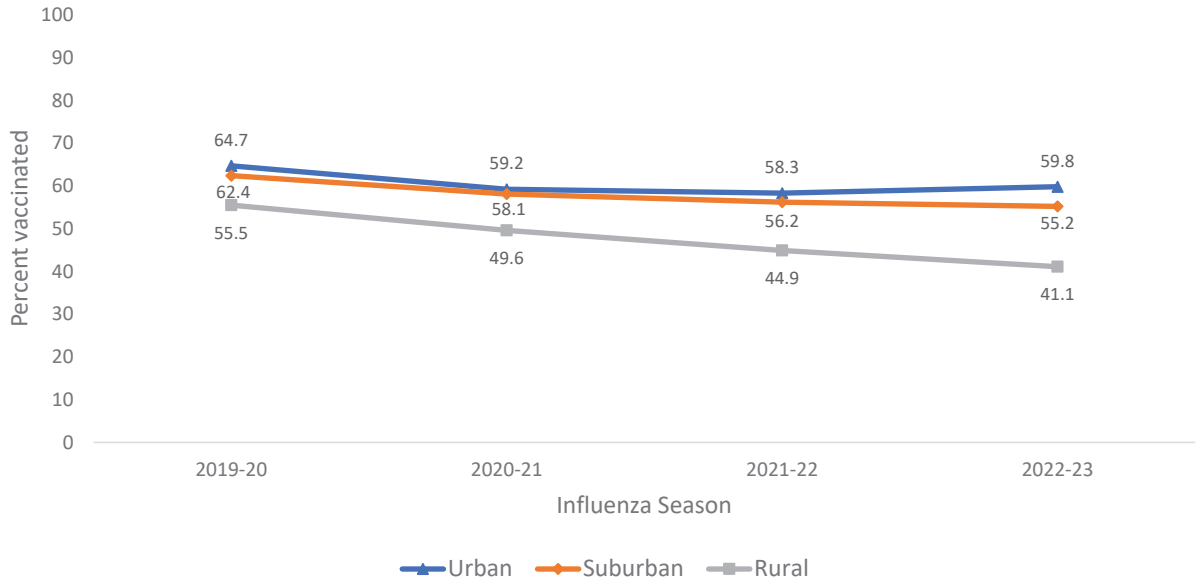
Data Source: National Immunization Survey-Flu (NIS-Flu)
Error bars represent 95% confidence intervals around the estimates.

Flu Vaccination Coverage, by Flu Season and Race/Ethnicity, Children 6 Months–17 Years, United States, through April 15, 2023*



Data Source: National Immunization Survey-Flu
*Through week ending approximately April 15 each season

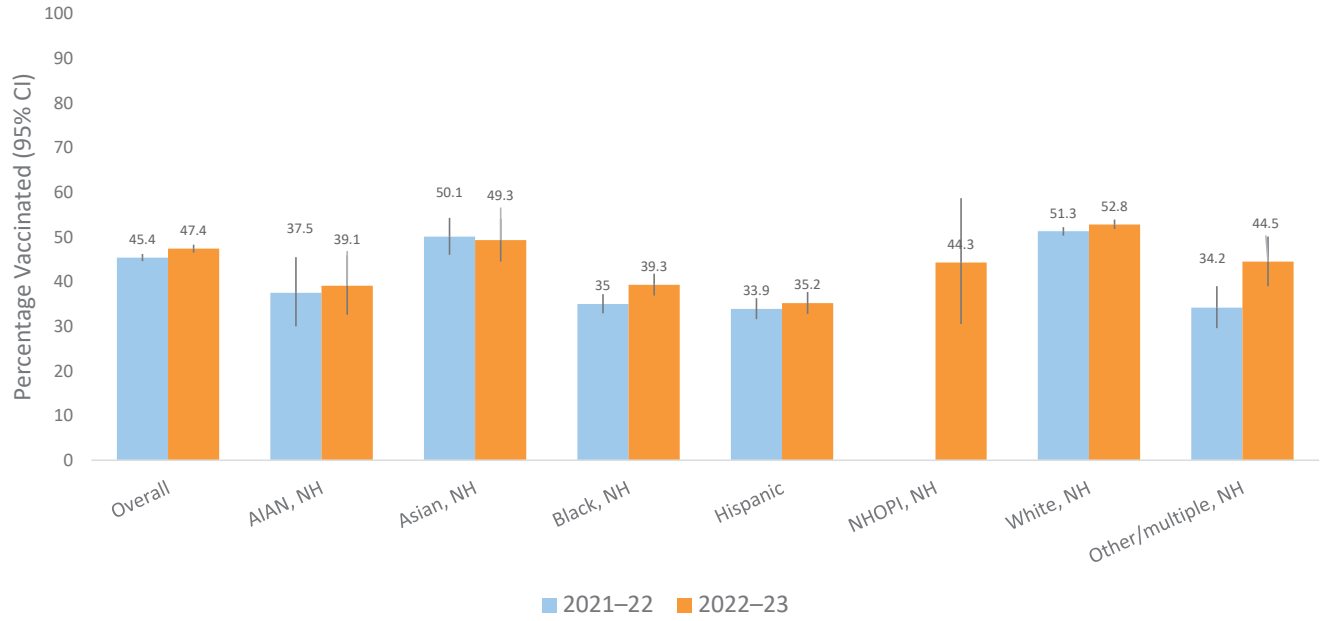
Flu Vaccination Coverage, by Flu Season and Urbanicity, Children 6 Months–17 Years, United States, through April 15, 2023*



Data Source: National Immunization Survey-Flu
*Through week ending approximately April 15 each season

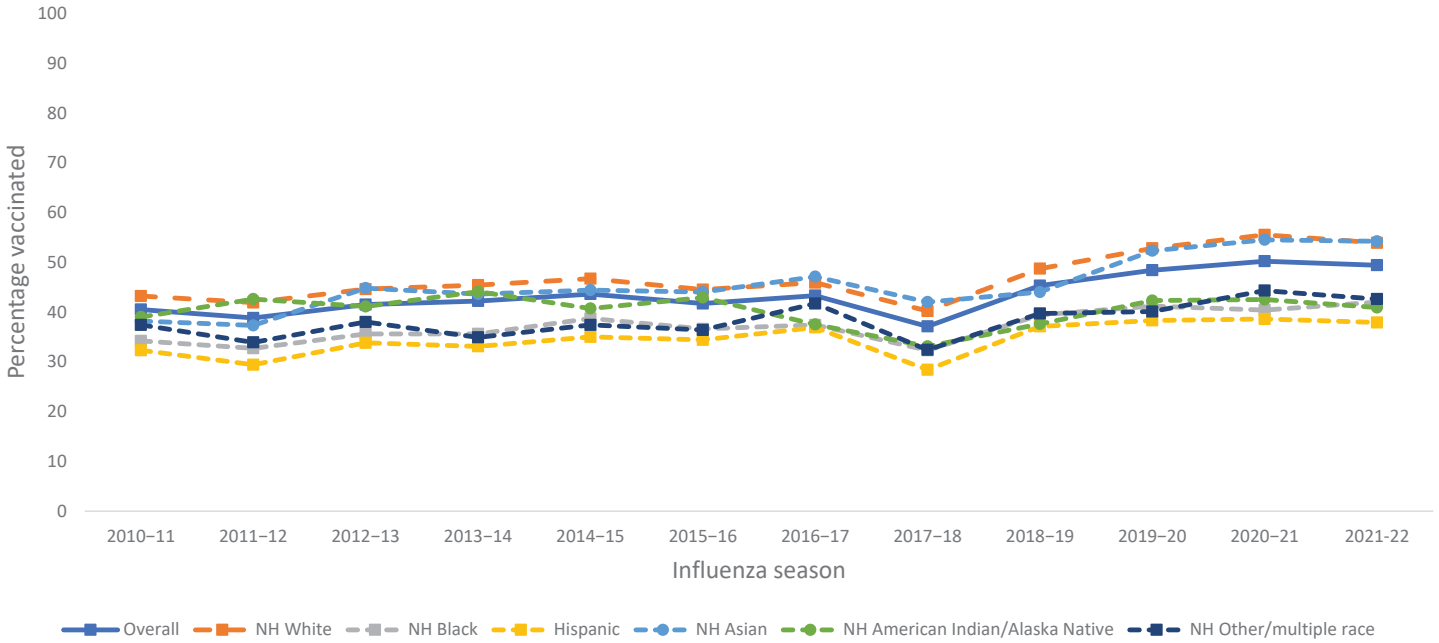
Adults

Flu Vaccination Coverage, by Flu Season and Race/Ethnicity, Adults ≥18 Years, United States, through mid-March 2022 and 2023



Data Source: National Immunization Survey-Adult COVID Module

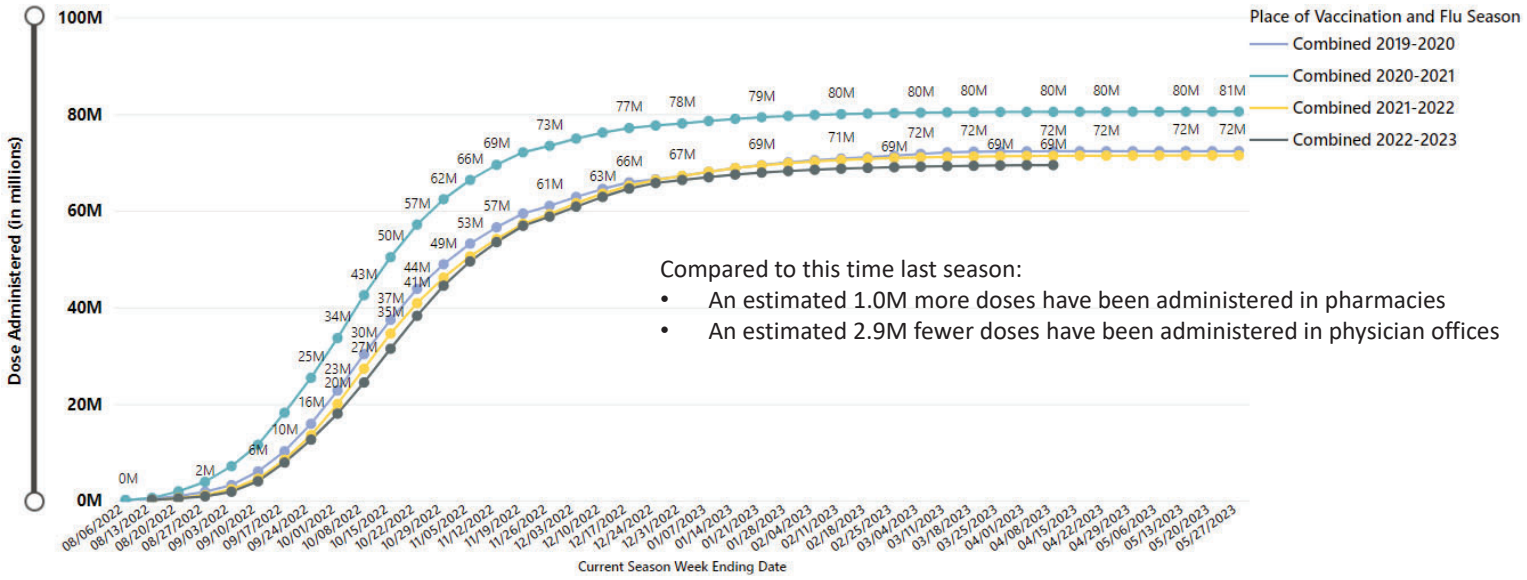
Influenza Vaccination Coverage by Race/Ethnicity, Adults ≥18 years, United States, 2010–2022



Data source: Behavioral Risk Factor Surveillance System

Weekly Cumulative Estimated Number of Flu Vaccinations Administered in Pharmacies and Physician Medical Offices by Flu Season, Adults 18 years and older, United States

Data through week ending April 8, 2023

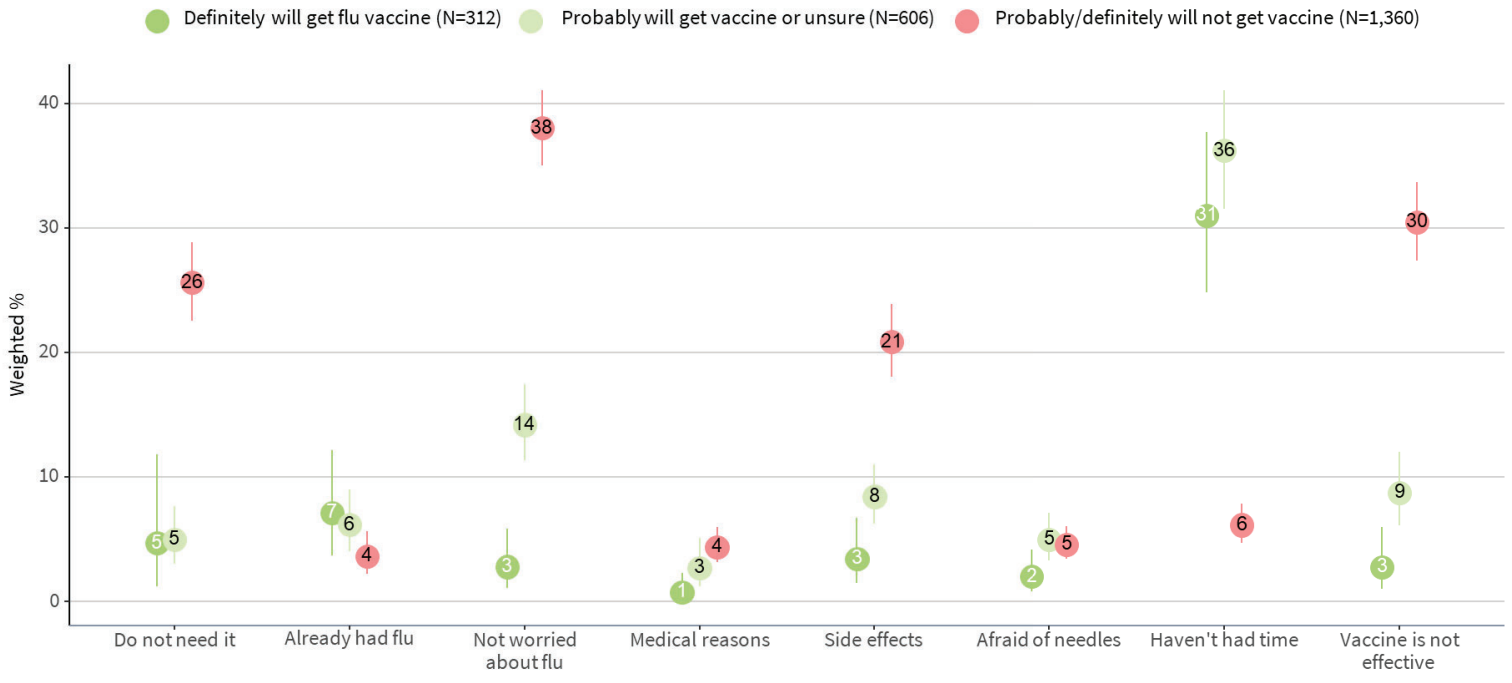


Compared to this time last season:

- An estimated 1.0M more doses have been administered in pharmacies
- An estimated 2.9M fewer doses have been administered in physician offices

Data Sources(s): IQVIA Pharmacy and Physician Medical Office Claims

Reasons for not Receiving a Flu Vaccine among Unvaccinated Adults, Ipsos/NORC Omnibus Surveys, February 10-March 7, 2023



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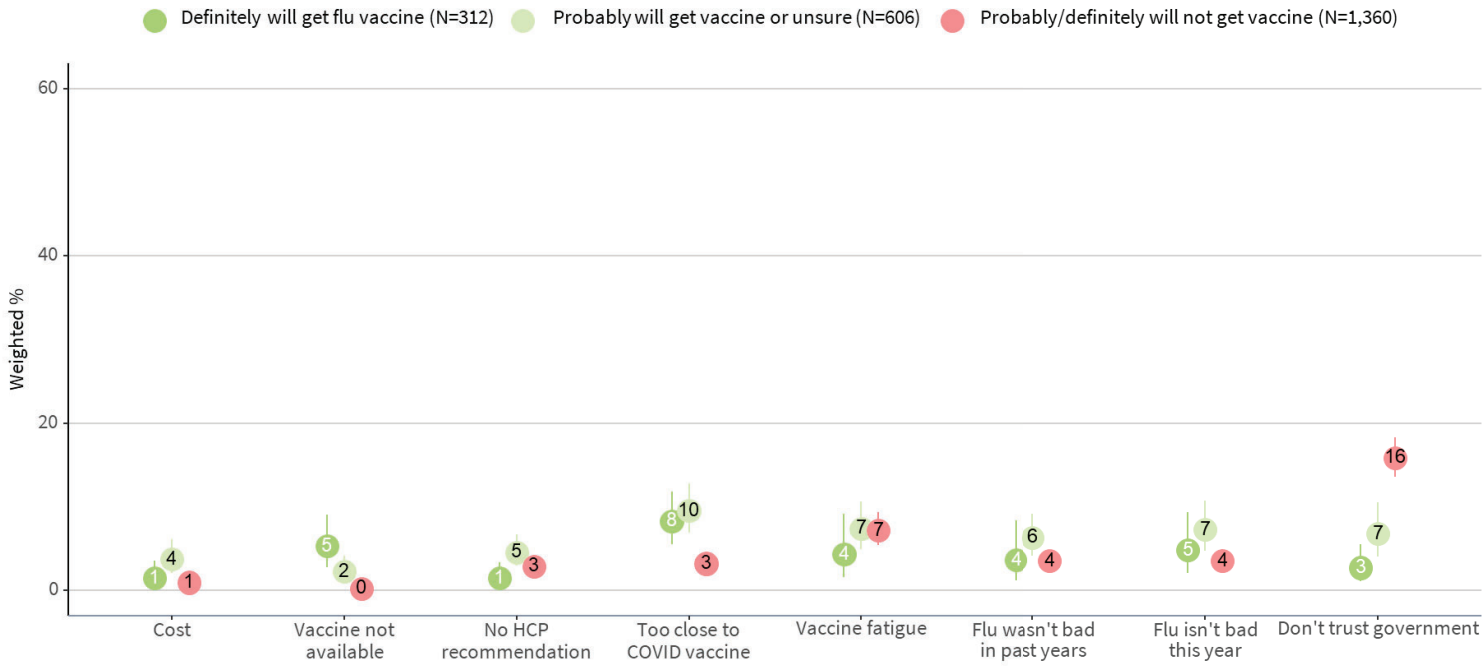
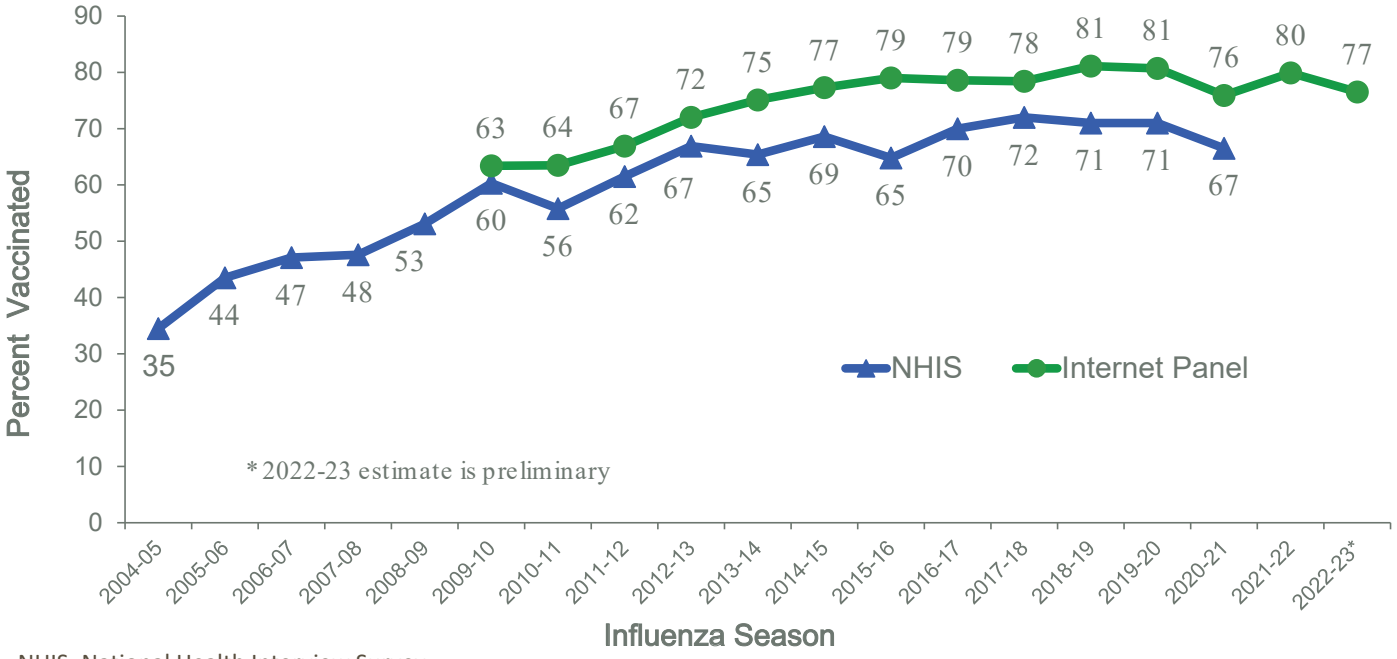


Health Care Personnel

Estimated Influenza Vaccination Coverage, Healthcare Personnel, 2004-05 to 2022-23 Seasons



NHIS=National Health Interview Survey

Limitations

- **The 2022-23 influenza vaccination coverage estimates reported here are preliminary and will not be the same as the final end-of-season estimates.**
- **Surveys are subject to biases that might remain after weighting adjustments.**
- **Most of these vaccination coverage data rely upon self-report and are not validated with medical records.**
  - Published studies of validity of self-report of adult influenza vaccination have shown mixed results, with net bias ranging from 1-29 percentage points.
  - Unpublished total survey error models indicate that the NIS-Flu might overestimate vaccination coverage among children by 6-9 percentage points.

Summary

- **Among children, flu vaccination coverage is similar to the same time last flu season**
  - Remains ~7 percentage points lower than the 2019-20 season
  - Lowest among non-Hispanic Black children
  - Has decreased among children living in rural areas and remains lower than urban and suburban children
- **Among adults, flu vaccination coverage is similar to or higher than coverage at the same time last season**
  - Remains lower among all other racial/ethnic groups compared with White and Asian adults
- **Among unvaccinated adults open to vaccination, most common reason for not being vaccinated is not having time**
  - Among those resistant to vaccination, common reasons include not being worried about flu, thinking the vaccine is not effective, and not needing the vaccine

Thank you!

Carla Black
zwc0@cdc.gov

For more information, contact CDC
1-800-CDC-INFO (232-4636)
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