

Flu Vaccination Coverage for 2021-22 Season:

Where are we at?

NIVW, NAIS Webinar, 3PM
Thursday December 9, 2021

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1

Overview of CDC's Weekly Flu Vaccination Dashboard

- The data shared in these slides are a **preview** of what will be shared publicly tomorrow, Friday 12/10/2021, by 1PM EST (via data updates to the figures on the CDC Weekly Flu Vaccination Dashboard).
- Therefore, these estimates are not official until then.
- **Please do not distribute or disseminate further until data are public.**

2

Overview of CDC's Weekly Flu Vaccination Dashboard

- Since 2019 CDC has been exploring and assessing various data sources to enable us to share 'real-time' flu (and other vaccines) vaccination estimates
- In December 2020, CDC launched the Weekly Flu Vaccination Dashboard (FluVaxDash) <https://www.cdc.gov/flu/fluvoxview/dashboard/vaccination-dashboard.html>
 - Part of FluVaxView <https://www.cdc.gov/flu/fluvoxview/index.htm> and larger VaxViews family (Child, Teen, School, Adult, Flu, & COVID-19)
- On October 7, 2021, FluVaxDash was re(launched) for the 2021-2022 season
 - Data have been updated every 1-2 weeks this season, based on data availability and other factors



3

3

Overview of CDC's Weekly Flu Vaccination Dashboard

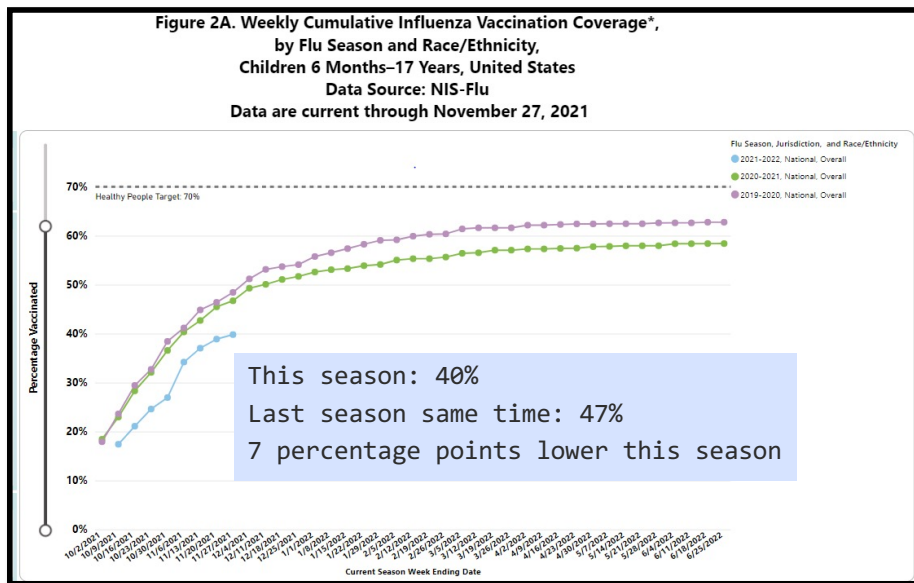
- Dashboard Goal: Share **preliminary**, within season estimates to help inform CDC's, jurisdictions' & other partners' program decisions
- Utilizes both long-standing and new data sources to estimate coverage overall and by age, race/ethnicity, risk factors
- Only national-level estimates were shared last season
 - Child jurisdiction-level estimates shared last week
 - Adult jurisdiction-level estimates will be shared 1/7/2022
- Estimates, for a given week or month, are mostly similar over time but do change as data are updated (e.g. additional claims are processed)



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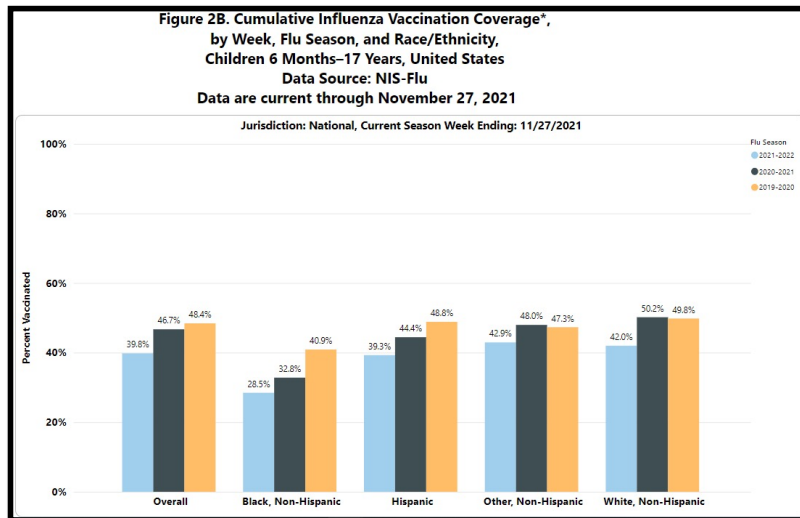
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Child Flu Vaccination Coverage by Week and Season



NOTE: These estimates are not official until they are released publicly on Friday 12/10/21.

Child Flu Vaccination Coverage by Race/Ethnicity and Season



For this season:

14 percentage points lower coverage for Black non-Hispanic children compared with White non-Hispanic children

This season compared to same time last season:

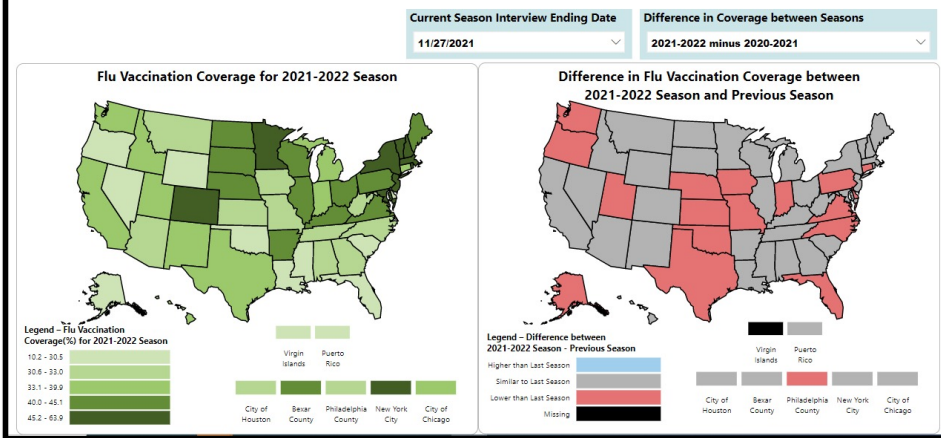
- 8 percentage point drop for White non-Hispanic children
- 5 percentage point drop for Hispanic/Latino children
- 4 percentage point drop for Black non-Hispanic children

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Child Flu Vaccination Coverage by Jurisdiction and Season



Figure 2C. Weekly Cumulative Influenza Vaccination Coverage and Comparison between Current and Previous Season, Children 6 Months-17 Years, United States
Data Source: NIS-Flu
Data are current through November 27, 2021



This season: Coverage among states and DC ranges from 20% to 64%; national coverage is 40%.

Coverage for all jurisdictions is similar or lower this season

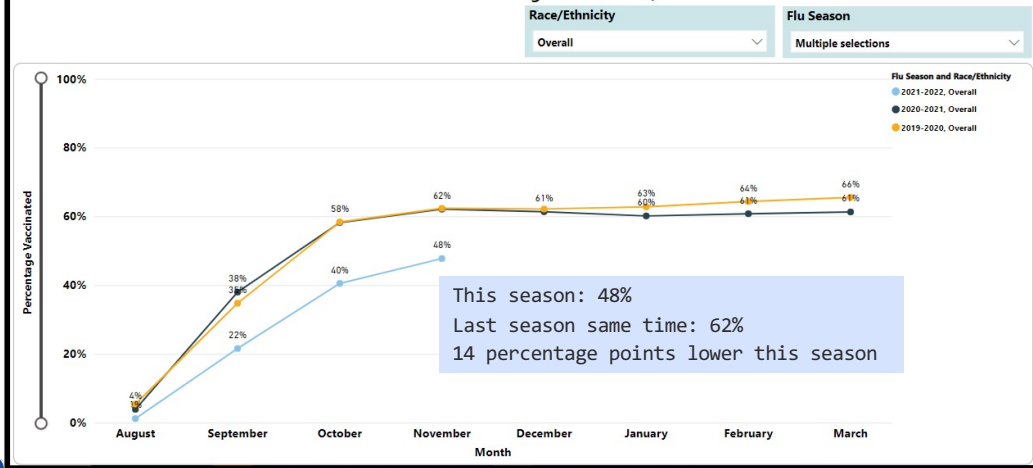


NOTE: These estimates are not official until they are released publicly on Friday 12/10/21.

Pregnant Persons Flu Vaccination Coverage

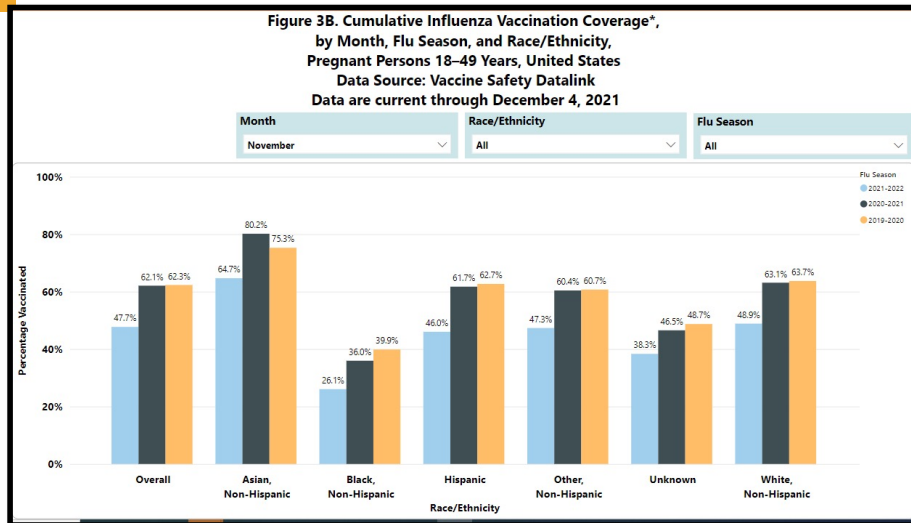


Figure 3A. Monthly Cumulative Influenza Vaccination Coverage*, by Flu Season and Race/Ethnicity, Pregnant Persons 18-49 Years, United States
Data Source: Vaccine Safety Datalink
Data are current through December 4, 2021



NOTE: These estimates are not official until they are released publicly on Friday 12/10/21.

Pregnant Persons Flu Vaccination Coverage by Race/Ethnicity and Season



For this season:

23 percentage points lower for Black non-Hispanic pregnant persons (PP) compared with White non-Hispanic pregnant persons

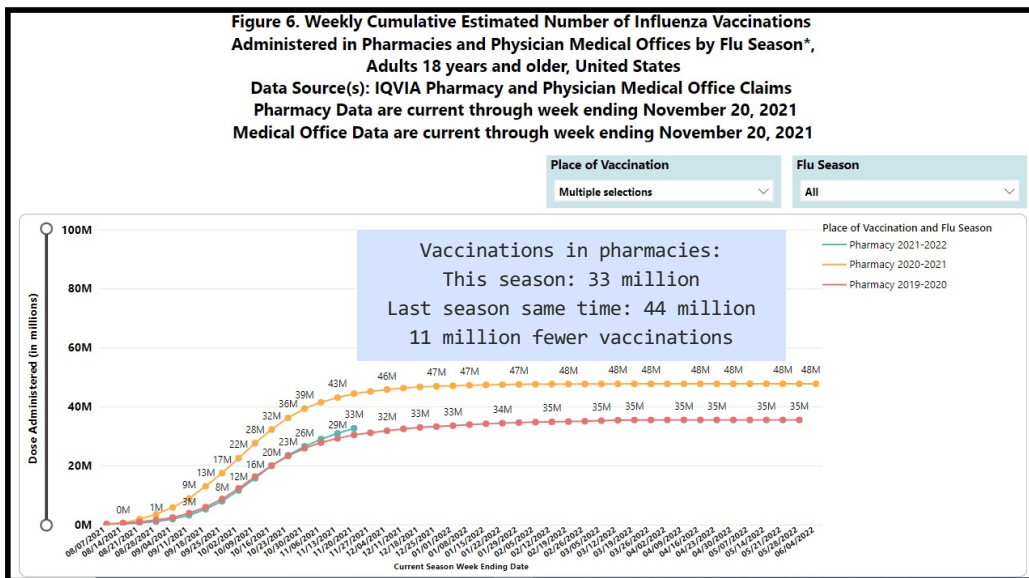
This season compared to same time last season:

- 16 percentage point drop for Hispanic/Latino PP
- 16 percentage point drop for Asian non-Hispanic PP
- 14 percentage point drop for White non-Hispanic PP
- 10 percentage point drop for Black non-Hispanic PP



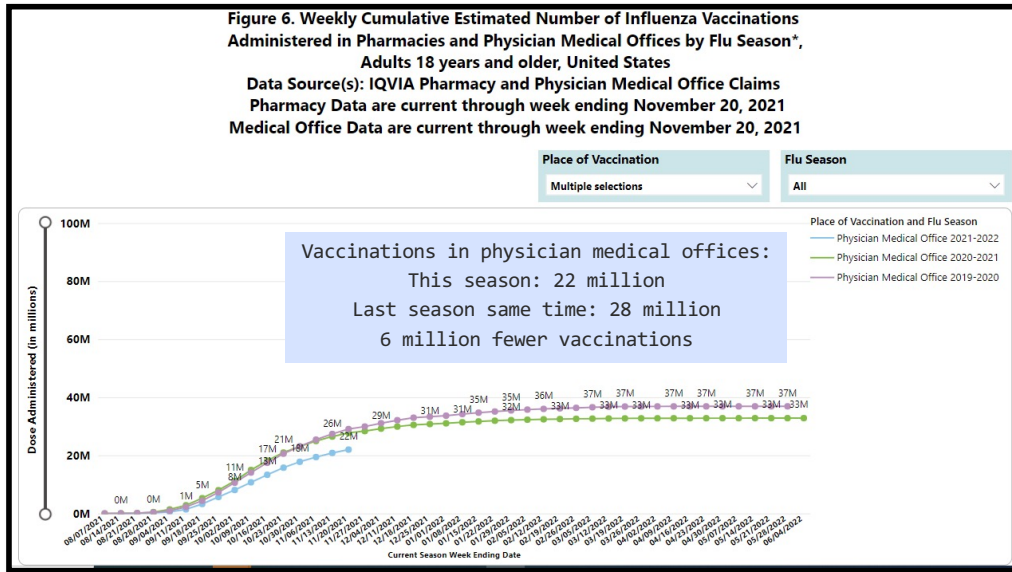
NOTE: These estimates are not official until they are released publicly on Friday 12/10/21.

Flu Vaccinations administered in pharmacies



NOTE: These estimates are not official until they are released publicly on Friday 12/10/21.

Flu Vaccinations administered in physician medical offices



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Adult Flu Vaccination Coverage for 2021-2022

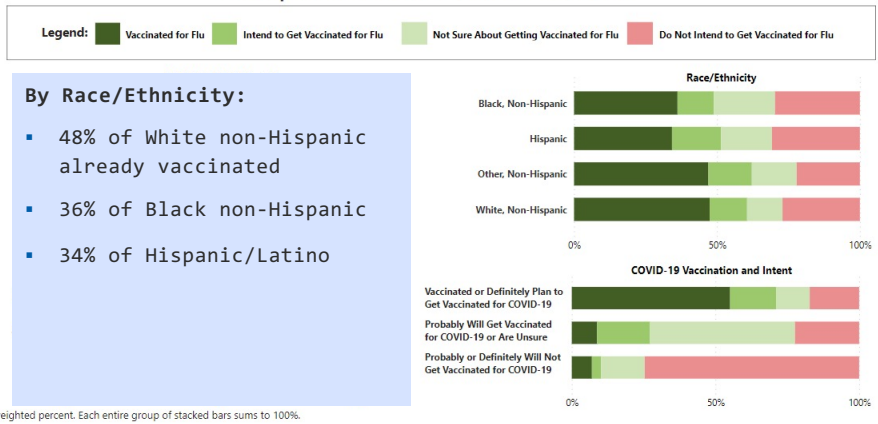


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Adult Flu Vaccination Coverage for 2021-2022

Figure 4B. Cumulative Influenza Vaccination Coverage and Intent for Vaccination, by Age Group, Race/Ethnicity, and COVID-19 Vaccination and Intent, Among Adults 18 Years and Older, United States, 2021-2022*

Data Source: IPSOS Knowledge Panel and NORC AmeriSpeak Omnibus Surveys
IPSOS KP data collected: 11/19/2021 - 11/27/2021
AmeriSpeak data collected: 11/18/2021 - 11/22/2021

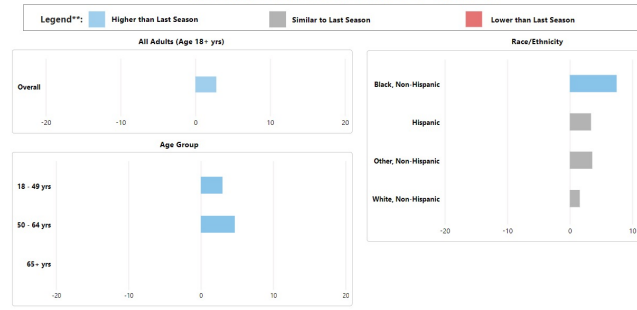


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Adult Flu Vaccination Coverage for 2021-2022

Figure 4C. Differences between Projected* Influenza Vaccination Coverage for 2021-2022 and Reported Coverage for 2020-2021 by Age Group and Race/Ethnicity, Adults 18 Years and Older, United States, 2021-2022**

Data Source: IPSOS Knowledge Panel and NORC AmeriSpeak Omnibus Surveys
IPSOS KP data collected: 11/19/2021 - 11/27/2021
AmeriSpeak data collected: 11/18/2021 - 11/22/2021



- 55% reported getting vaccinated last season (this # not shown on figure)
- Projected coverage by the end of this season for all adults is 58%
- Projected coverage by the end of this season is expected to be higher end of last season:
 - 3 percentage points higher for all adults
 - 3 percentage points higher for adults 18-49 yrs.
 - 5 percentage points higher for adults 50-64 yrs.
 - 8 percentage points higher for Black non-Hispanic adults

Caveat: People who plan to get vaccinated may not get vaccinated.

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Adult Flu Vaccination Coverage for 2021-2022

Figure 4B. Cumulative Influenza Vaccination Coverage and Intent for Vaccination, by Age Group, Race/Ethnicity, and COVID-19 Vaccination and Intent, Among Adults 18 Years and Older, United States, 2021-2022*

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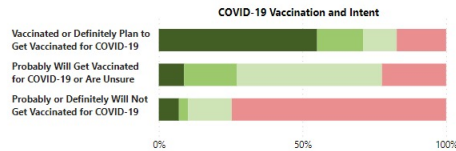
Legend: ■ Vaccinated for Flu ■ Intend to Get Vaccinated for Flu ■ Not Sure About Getting Vaccinated for Flu ■ Do Not Intend to Get Vaccinated for Flu

Among the 1,616 adults already vaccinated or definitely planning to get COVID-19 vaccination:

- 55% have received flu vaccination
- 16% plan to get flu vaccination
- 12% are not sure about getting flu vaccination
- 17% do not plan to get flu vaccination

Among the 301 adults who probably or definitely will NOT get COVID-19 vaccination:

- 10% have received flu vaccination
- 3% plan to get it



Bars display weighted percent. Each entire group of stacked bars sums to 100%.

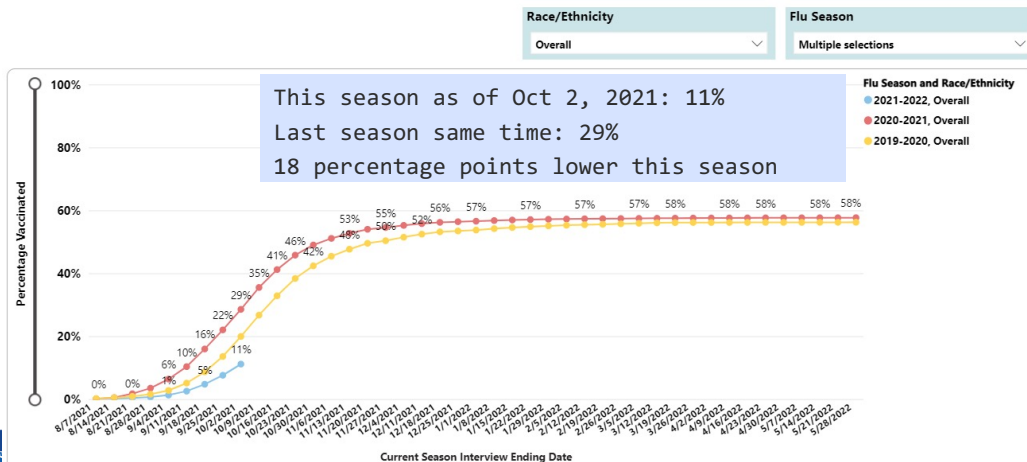


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Flu Vaccination Coverage for CMS Medicare Fee-for-service beneficiaries 65 and older

Figure 5. Weekly Cumulative Influenza Vaccination Coverage*, by Flu Season and Race/Ethnicity,

Medicare Fee-For-Service Beneficiaries aged ≥65 Years, United States
Data Source: Centers for Medicare & Medicaid Services Chronic Conditions Warehouse



<https://www.cdc.gov/flu/fluview/dashboard/vaccination-coverage-adults-65-over.htm>

Possible reasons for drop in coverage are not known but could be related to:

- Lower than usual flu activity during the 2020-21 flu season.
- Vaccine fatigue caused by ongoing COVID-19 vaccination efforts.
- Confusion about the need for a flu vaccine this season or a belief that COVID-19 vaccine will protect against flu.
- Changes in health care seeking behavior that result in people making fewer visits to vaccine providers.
- Fewer flu vaccination clinics compared to previous years.



17

17

Summary

- Influenza vaccination coverage in children and pregnant persons is lower so far this season compared to last season
- Coverage for Black non-Hispanic children and Black non-Hispanic pregnant persons is lower compared with White non-Hispanic children and White non-Hispanic pregnant persons
- Fewer adults have been vaccinated at pharmacy and physician medical offices so far this season compared to last season
- CMS claims data for Medicare fee-for-service beneficiaries 65 and older show lower coverage this season
- Survey data suggest possibility that coverage in adults by end of this season may be similar to last season



18

18

Limitations

- Survey-based estimates subject to non-response bias and error in parental or self-reported vaccination status; may be too high
- Survey-based estimates of projected coverage for adults assume those who report they plan to get vaccinated actually will
- Estimates for pregnant persons from the Vaccine Safety Datalink may not be nationally representative
- Pharmacy and physician medical office claims do not include vaccinations administered in other settings such as workplaces and community settings



19

19

Upcoming



- Data will be updated tomorrow, Friday 12/10/21 by 1PM
 - **Reminder to please not share these data any further until then**
- Data refresh planned for Friday 12/17/21 (last refresh for 2021)
- Coverage data for adults by jurisdiction will be added January 7, 2022
- Continue evaluating estimates from data sources and explore if/how these estimates can be integrated



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Thank you for all you are doing to keep everyone healthy!

Please email with feedback or questions.

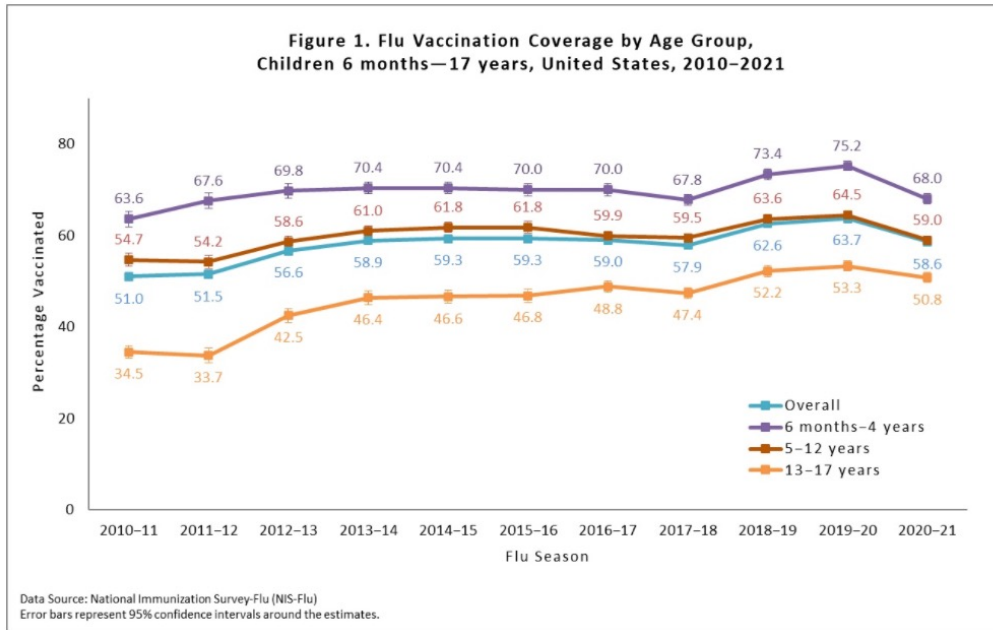
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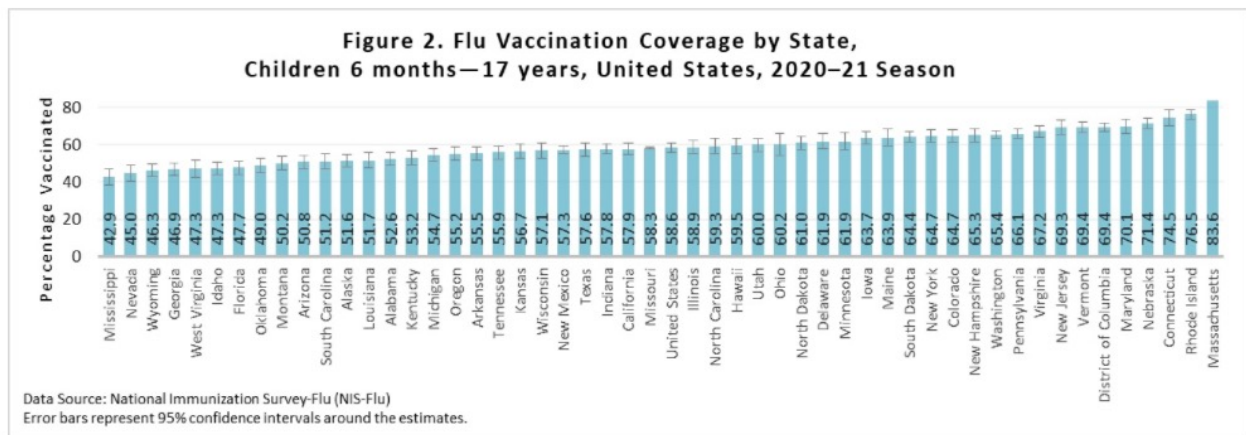


Extra slides

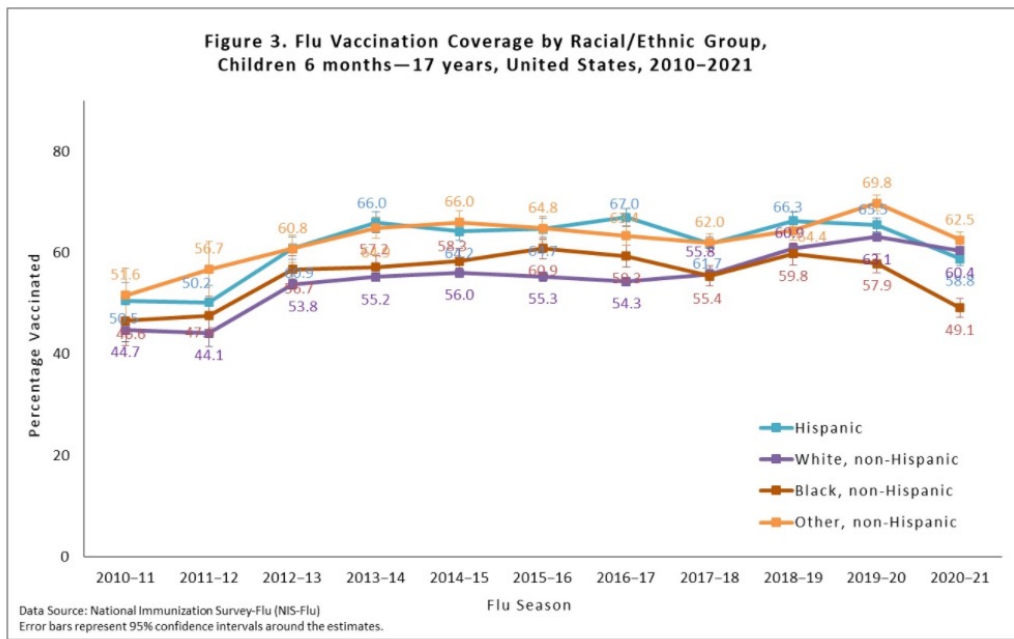




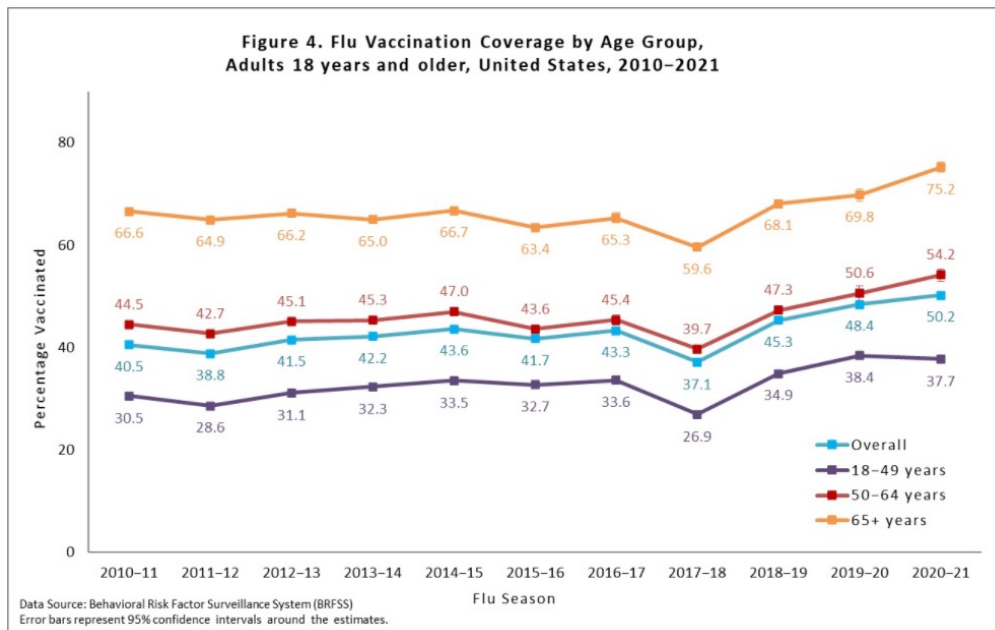
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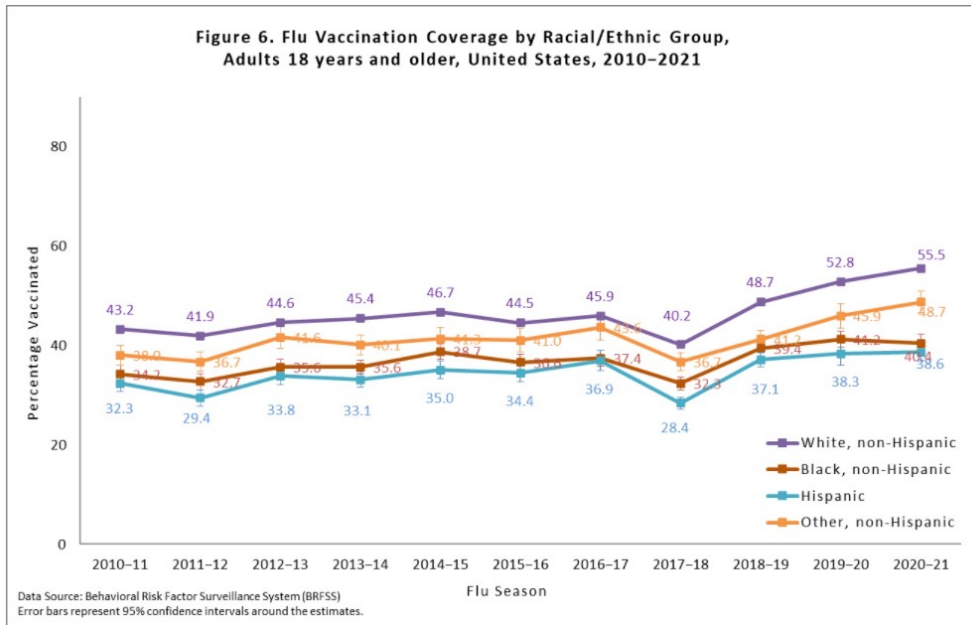
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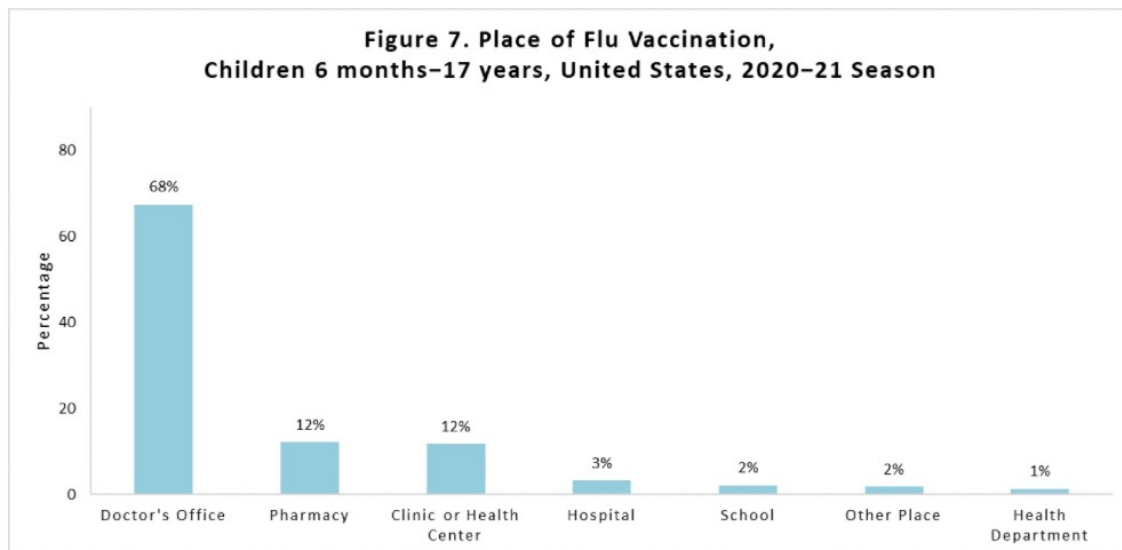
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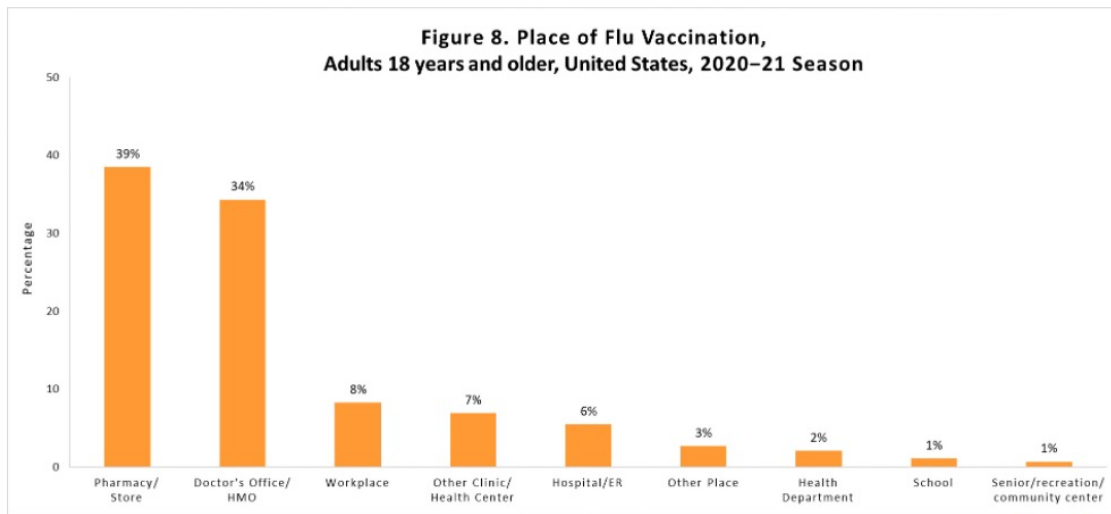
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