



Flu Vaccination Coverage for 2021-22 Season:



Are we there yet?

NAIS Webinar, 3PM
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Suchita A. Patel, DO, MPH
spatel6@cdc.gov
Lead, Data Science & Innovation
Assessment Branch
Immunization Services Division
NCIRD, CDC

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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 1/19/2022, 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.**



<https://www.cdc.gov/flu/fluview/dashboard/vaccination-dashboard.html>

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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



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Overview of CDC's Weekly Flu Vaccination Dashboard

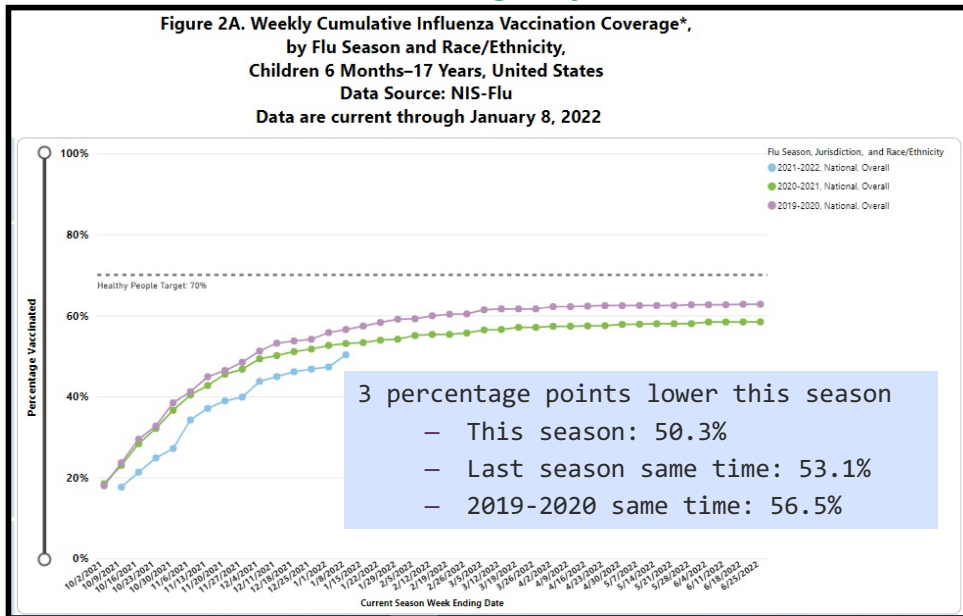
- Dashboard Goal: Share **preliminary**, within season estimates to help inform CDC's, jurisdictions' & other partners' program decisions
- Utilizes both long-standing and new data sources to estimate coverage overall and by age, race/ethnicity, risk factors
- Only national-level estimates were shared during 2020-21
 - Child jurisdiction-level estimates added 12/3/21
 - **NEW** Adult jurisdiction-level estimates added 1/7/22
- 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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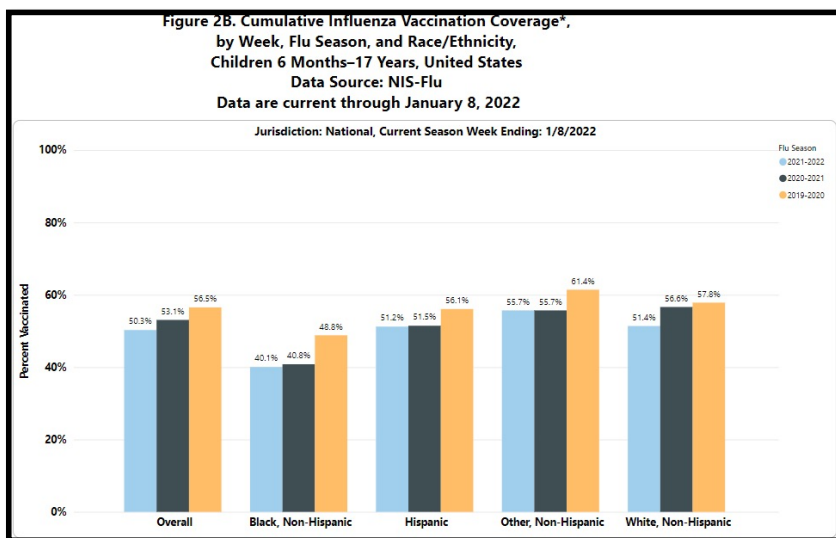
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Child Flu Vaccination Coverage by Week and Season



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Child Flu Vaccination Coverage by Race/Ethnicity and Season



For this season:

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

This season compared to same time last season:

5 percentage point drop for White non-Hispanic children



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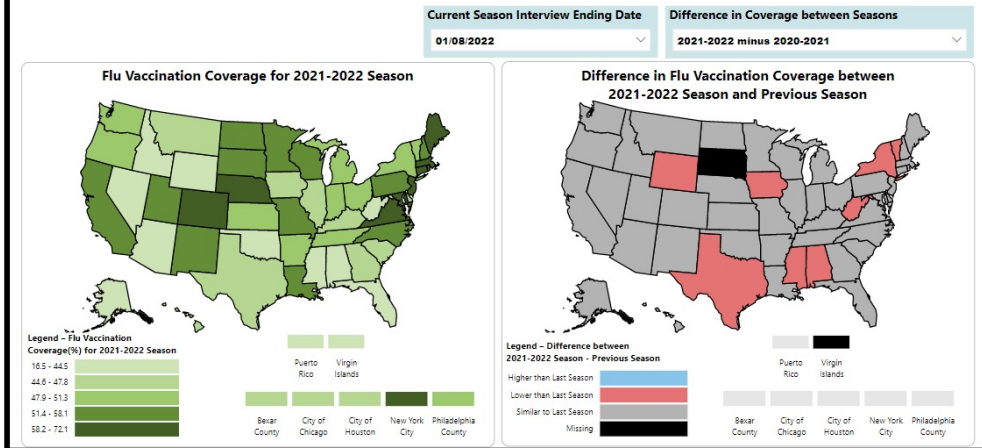
Child Flu Vaccination Coverage by Jurisdiction and Season



Figure 2C. Weekly Cumulative Influenza Vaccination Coverage and Comparison between Current and Previous Season**, by Jurisdiction, Children 6 Months-17 Years, United States

Data Source: NIS-Flu

Data are current through January 8, 2022



This season: Coverage among states and DC ranges from 28% to 72%; national coverage is 50%.

Coverage for all jurisdictions is similar or lower this season.



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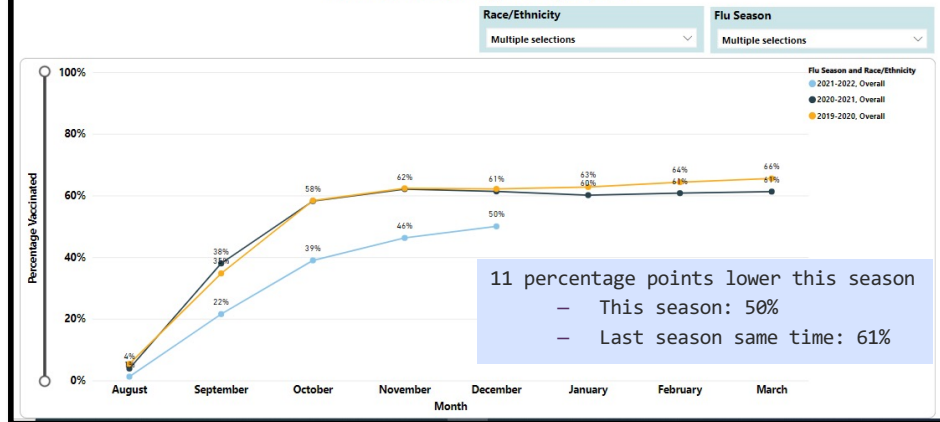
Pregnant Persons Flu Vaccination Coverage



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

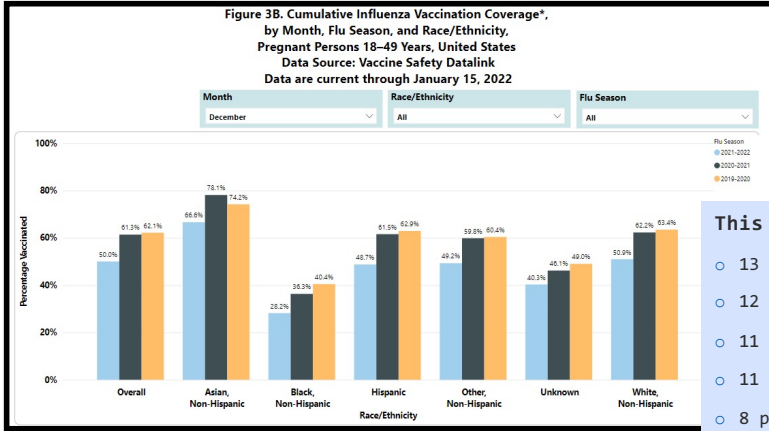
Data are current through January 15, 2022



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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

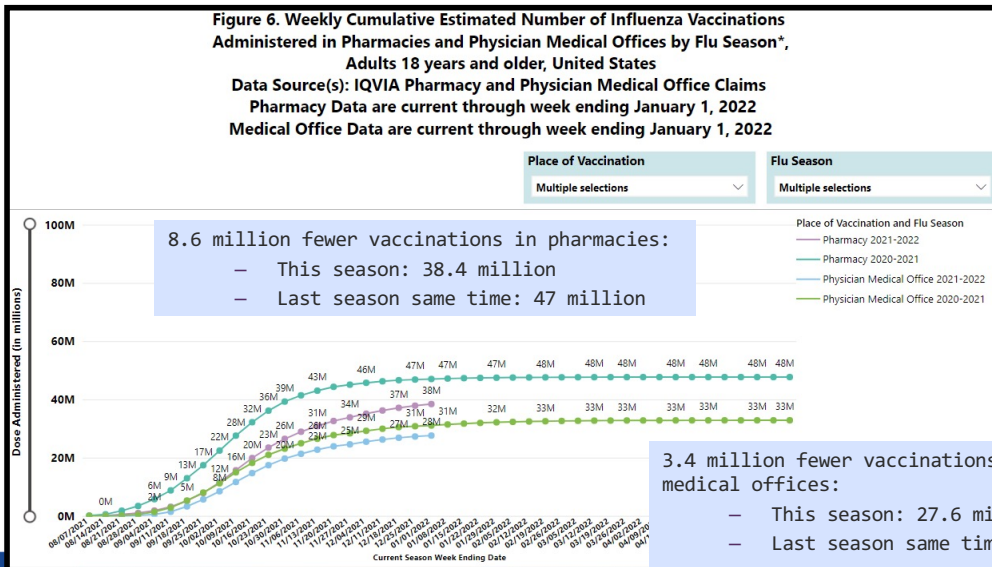
This season compared to same time last season:

- o 13 percentage point drop for Hispanic/Latino PP
- o 12 percentage point drop for Asian non-Hispanic PP
- o 11 percentage point drop for White non-Hispanic PP
- o 11 percentage point drop for Other R/E non-Hispanic PP
- o 8 percentage point drop for Black non-Hispanic PP



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Flu Vaccinations administered in pharmacies & medical offices



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Adult Flu Vaccination Coverage for 2021-2022



Figure 4C. Cumulative Influenza Vaccination Coverage, by Age Group, Race/Ethnicity, and Jurisdiction, Adults 18 Years and Older, United States, 2021-2022*

Data Source: National Immunization Survey Adult COVID Module

Data Collection Period: 11/28/2021 - 12/31/2021
 Race/Ethnicity: Overall
 Age Group: All Adults (18+)

Cumulative National Flu Vaccination Coverage:
 Data Collection Period: 11/28/2021 - 12/31/2021

Age Group	Coverage	95% CI
All Adults (18+)		
Overall	40.0	39.3-40.8
American Indian/Alaskan Native, Non-Hispanic	31.5	25.0-38.9
Asian, Non-Hispanic	45.0	41.4-48.7
Black, Non-Hispanic	29.7	27.7-31.8
Hispanic	29.4	27.6-31.2
Other/Multiple Races, Non-Hispanic	29.1	25.4-33.2
Pacific-Islander/Native Hawaiian, Non-Hispanic	32.0	19.6-47.6
White, Non-Hispanic	45.6	44.6-46.5
18-49 yrs		
Overall	29.0	28.1-29.9
American Indian/Alaskan Native, Non-Hispanic	23.0	16.1-31.7
Asian, Non-Hispanic	41.5	37.6-45.6
Black, Non-Hispanic	18.6	16.6-20.7
Hispanic	25.0	23.0-27.1
Other/Multiple Races, Non-Hispanic	24.0	19.7-28.9
Pacific-Islander/Native Hawaiian, Non-Hispanic	13.7	6.2-27.8
White, Non-Hispanic	32.2	31.0-33.4
50-64 yrs		
Overall	43.4	41.9-44.9
American Indian/Alaskan Native, Non-Hispanic	45.2	31.9-59.3
Asian, Non-Hispanic	53.1	44.5-61.6
Black, Non-Hispanic	33.5	29.7-37.5
Hispanic	33.0	30.0-37.0

As of ~mid-December:

- Coverage for all adults 18 and older is 40.0%
- Compared with coverage for White, non-Hispanic adults (45.6%), coverage is:
 - 14 percentage points lower for American Indian/Alaskan Native, non-Hispanic adults
 - 16 percentage points lower for Black, non-Hispanic adults
 - 16 percentage points lower for Hispanic adults
 - 17 percentage points lower for Other/Multiple Races, non-Hispanic adults
- Coverage is 29.0% for adults 18-49 years, 43.4% for adults 50-64 years, and 65.0% for adults 65 years and older



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Adult Flu Vaccination Coverage for 2021-2022



Figure 4C. Cumulative Influenza Vaccination Coverage, by Age Group, Race/Ethnicity, and Jurisdiction, Adults 18 Years and Older, United States, 2021-2022*

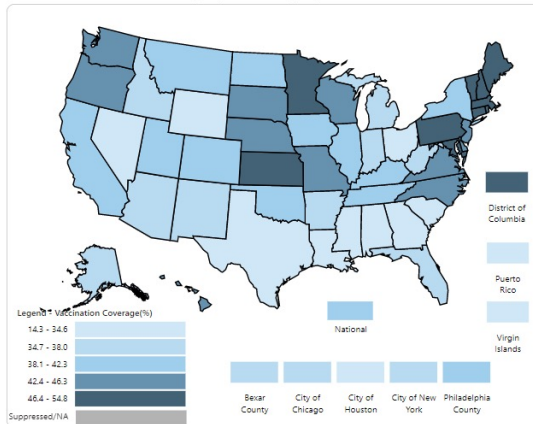
Data Source: National Immunization Survey Adult COVID Module

Data Collection Period: 11/28/2021 - 12/31/2021
 Race/Ethnicity: Overall
 Age Group: All Adults (18+)

As of ~mid-December:

Coverage among states and DC for all adults ranges from 29.6% to 54.8%; national coverage, including Puerto Rico and U.S. Virgin Islands, is 40.0%

Flu Vaccination Coverage by Jurisdiction:
 Data Collection Period: 11/28/2021 - 12/31/2021

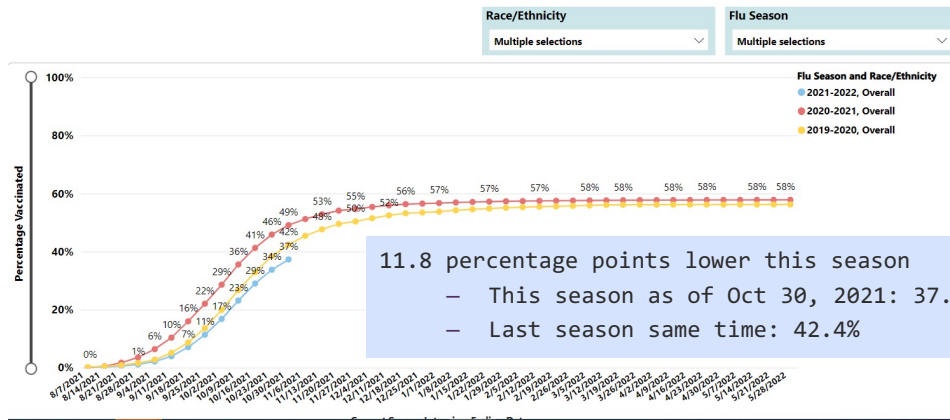


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Flu Vaccination Coverage for CMS Medicare Fee-for-service beneficiaries 65 and older



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



11.8 percentage points lower this season
 - This season as of Oct 30, 2021: 37.3%
 - Last season same time: 42.4%



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

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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.



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Summary

- Influenza vaccination coverage in children and pregnant persons is lower so far this season compared to last season but has increased and closer to last season's coverage since last update to this group in early December
- 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



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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



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

Please email with feedback or questions.

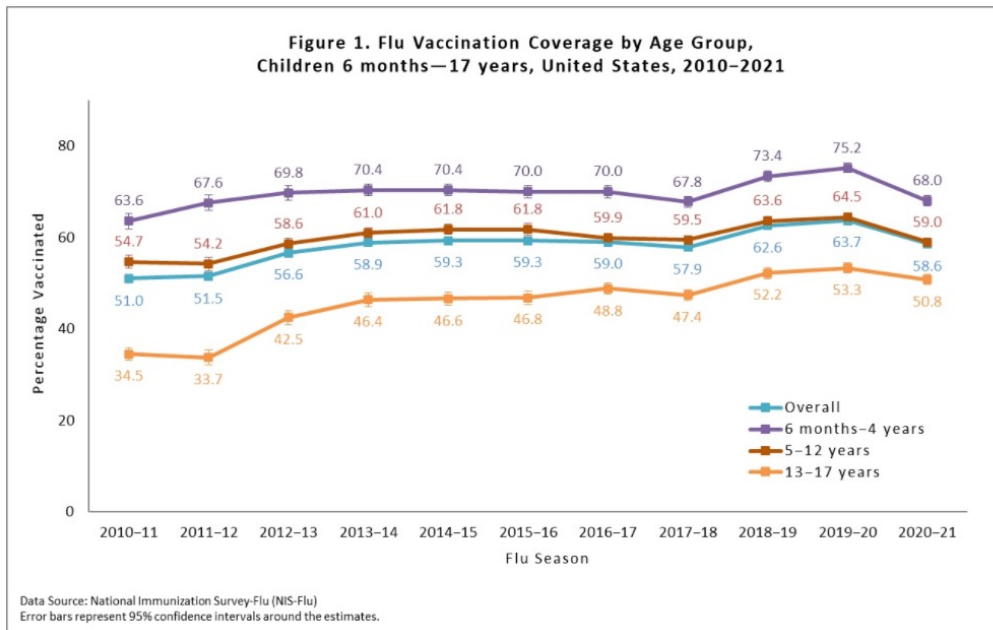
**NIVW, NAIS Webinar, 3PM
Thursday December 9, 2021**

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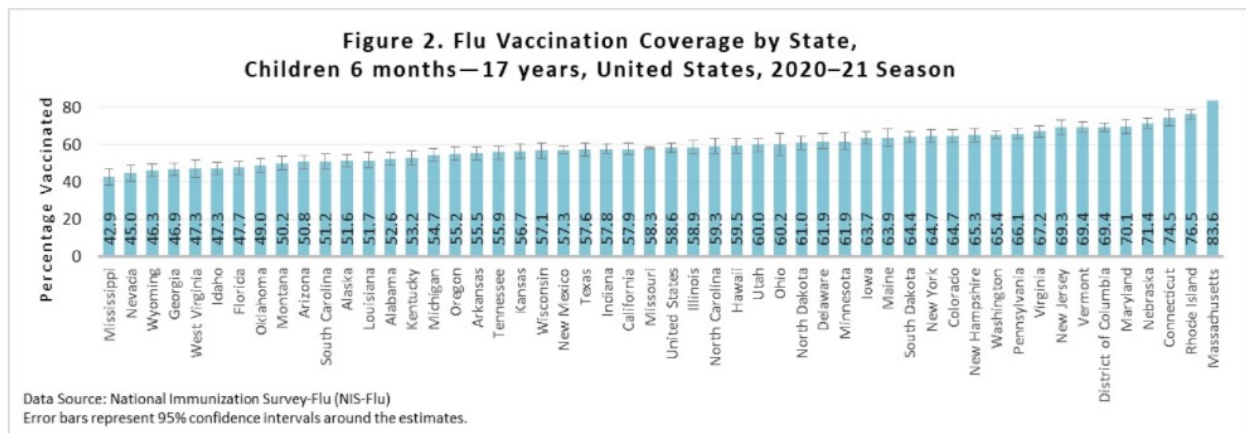


Extra slides

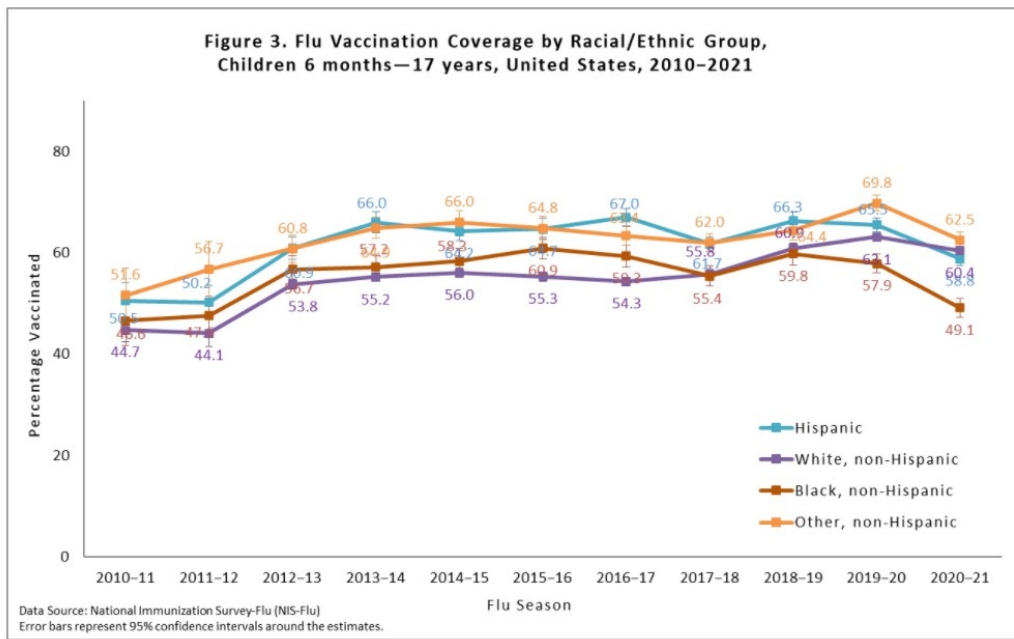




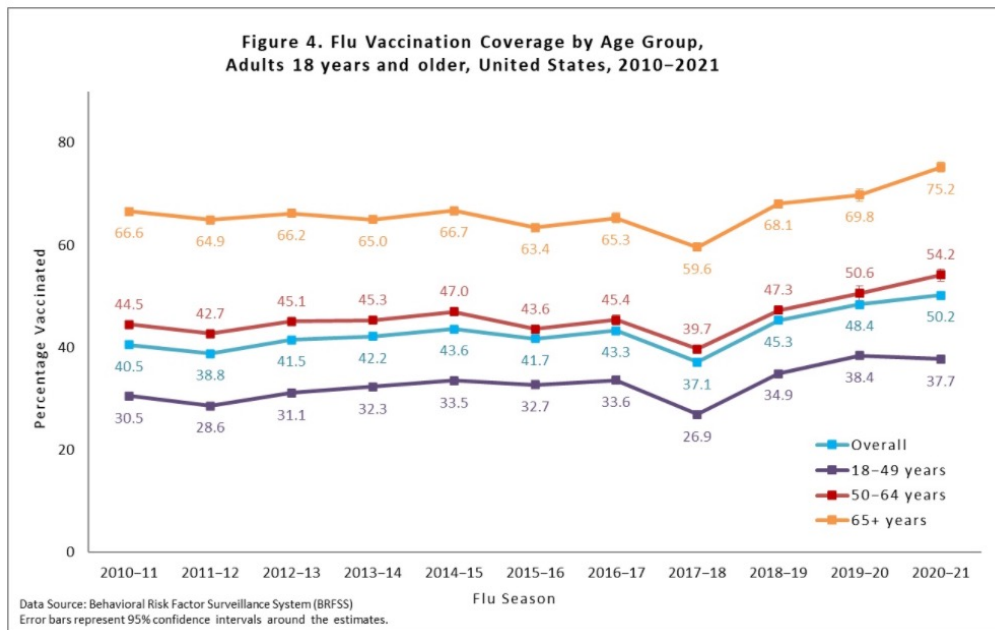
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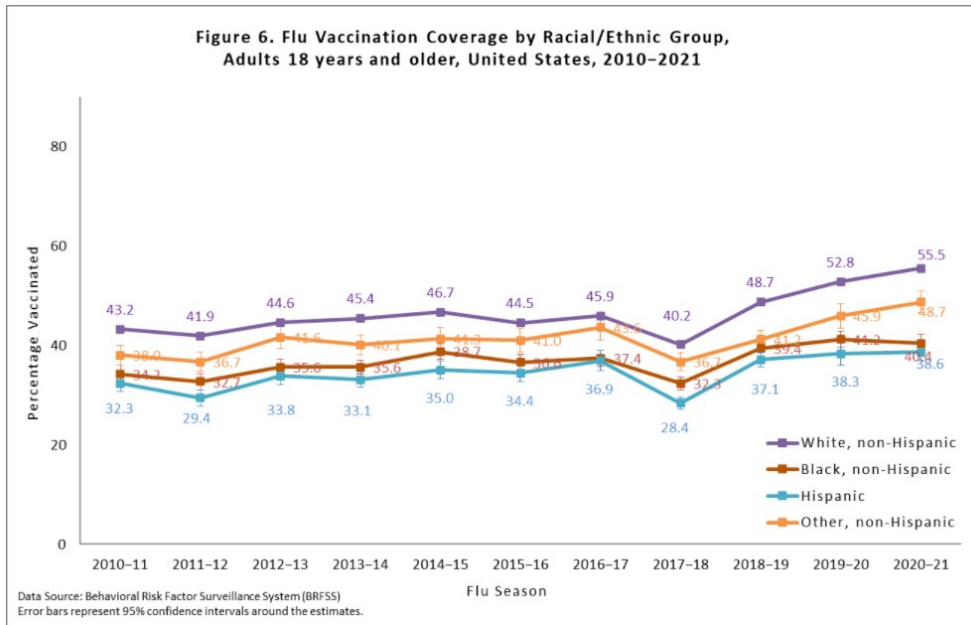
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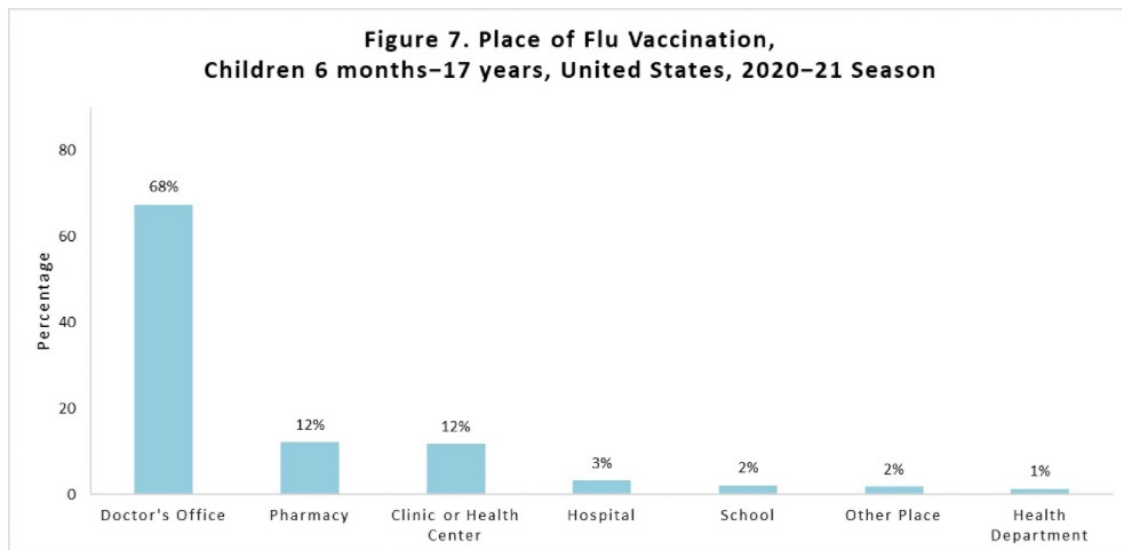
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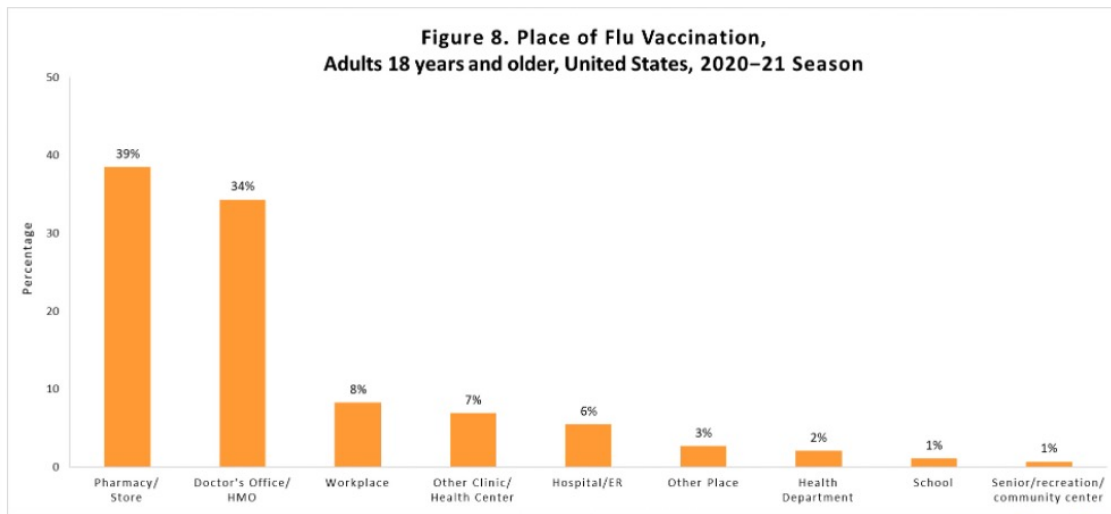
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