

Influenza Vaccination Coverage: How well did we do in 2012-13

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Outline

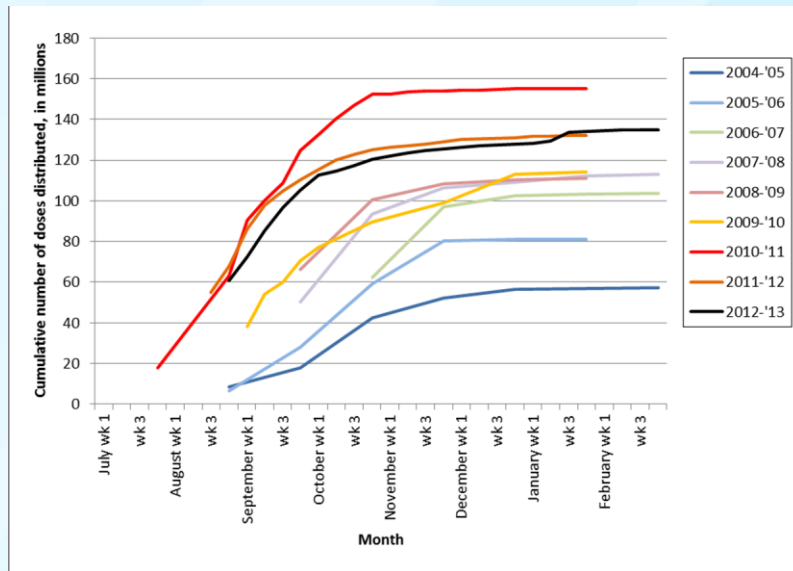
- ❑ 2012-13 Flu Season Overview
- ❑ General Population
- ❑ Summary and Recommendations

2012-13 SEASON OVERVIEW

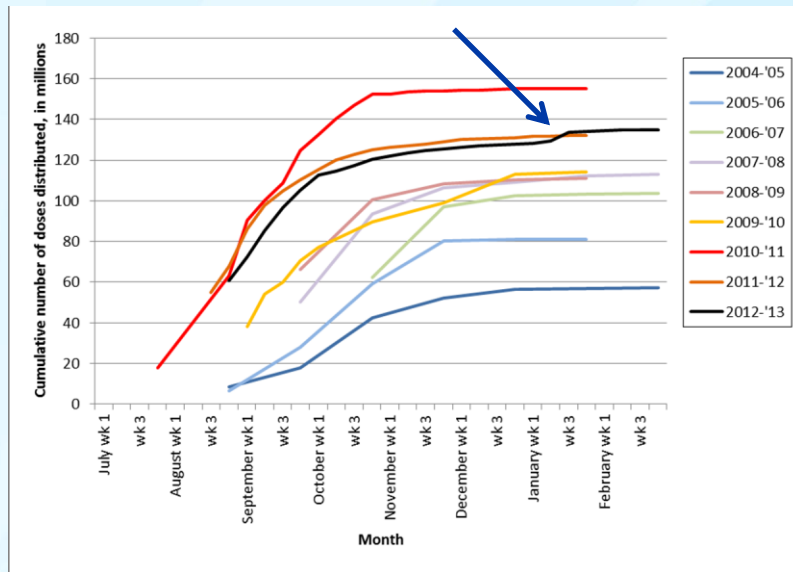
2012-13 Season Overview

- ❑ **Third season since universal influenza vaccination recommendation**
- ❑ **Third influenza season since the 2009 H1N1 pandemic**
- ❑ **Spot influenza vaccine shortages in January 2013**
 - CDC developed communication messages with assistance from Summit members

Cumulative number of doses distributed by season

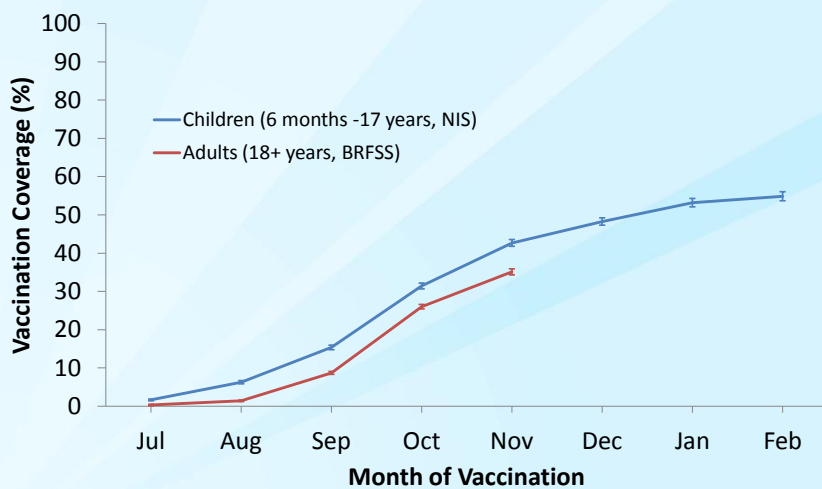


Cumulative number of doses distributed by season

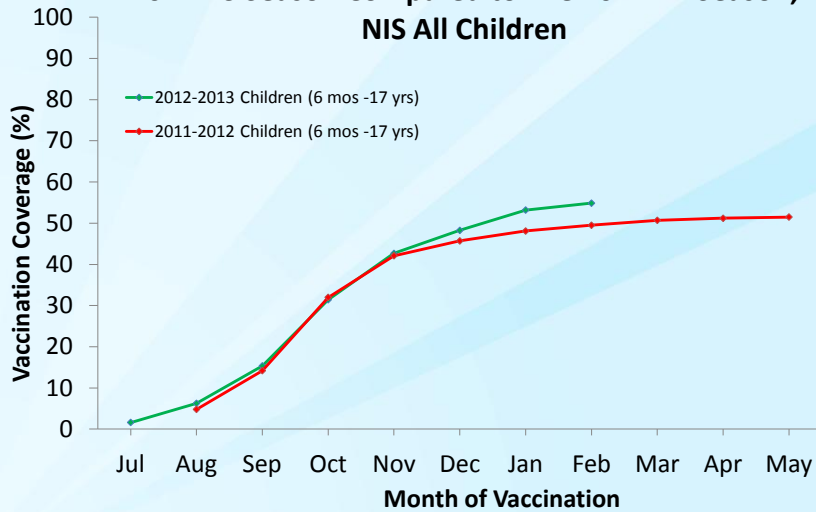


GENERAL POPULATION

Preliminary influenza vaccination coverage, adults and children, United States 2012-2013



Preliminary Influenza Vaccination Coverage for The 2012-13 Season Compared to The 2011-12 Season, NIS All Children



Preliminary influenza vaccination coverage for the 2012-13 season compared to the 2011-12 season by age group for Children, NIS

Age Group	2011-12 Season, Vaccinations received through February 2012** % (95% CI)*	2012-13 Season, Vaccinations received through February 2013 % (95% CI)*
All Children (6 mos-17 years)	49.5 ± 0.9	54.9 ± 1.2
6 mos-4 years	64.9 ± 1.7	68.1 ± 2.0
5-12 years	51.9 ± 1.3	57.2 ± 1.7
13-17 years	32.7 ± 1.5	40.1 ± 2.0

* % - Kaplan-Meier coverage estimate; 95% CI - confidence interval half-width

** based on final season estimates by month vaccinated, published at <http://www.cdc.gov/flu/professionals/vaccination/reporti1112/reporti/index.htm>

Preliminary Results

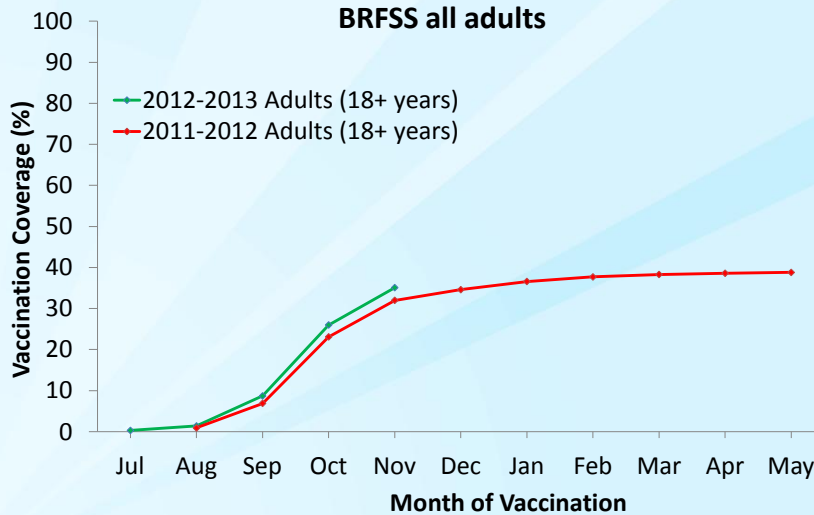
Preliminary influenza vaccination coverage for the 2012-13 season compared to the 2011-12 season by racial/ethnic group for Children, NIS

Race/Ethnicity	2011-12 Season, Vaccinations received through February 2012 % (95% CI)*	2012-13 Season, Vaccinations received through February 2013 % (95% CI)*
Non-Hispanic, White	46.7 ± 1.0	52.5 ± 1.3
Non-Hispanic, Black	50.2 ± 2.7	53.7 ± 3.4
Hispanic	55.7 ± 2.3	57.9 ± 3.0
Non-Hispanic, Other	52.2 ± 2.8	62.3 ± 4.2

* % - Kaplan-Meier coverage estimate; 95% CI - confidence interval half-width

Preliminary Results

Preliminary influenza vaccination coverage for the 2012-13 season compared to the 2011-12 Season, BRFSS all adults



Preliminary influenza vaccination coverage for the 2012-13 season compared to the 2011-12 season by age group for Adults, BRFSS

Age Group	2011-12 Season, Vaccinations received through November 2011** % (95% CI)*	2012-13 Season, Vaccinations received through November 2012 % (95% CI)*
All adults (≥18 years)	32.0 ± 0.4	35.1 ± 0.8
18-49 years	22.5 ± 0.6	24.9 ± 1.0
50-64 years	36.1 ± 0.8	38.0 ± 1.4
Adults ≥65 yrs	56.1 ± 0.6	60.8 ± 1.4

* % - Kaplan-Meier coverage estimate; 95% CI - confidence interval half-width
 ** based on final season estimates by month vaccinated, published at <http://www.cdc.gov/flu/professionals/vaccination/report1112/report1/index.htm>

Preliminary Results

Preliminary influenza vaccination coverage for the 2012-13 season compared to the 2011-12 season by racial/ethnic group for Adults, BRFSS

Race/Ethnicity	2011-12 Season, Vaccinations received through November 2011 % (95% CI)*	2012-13 Season, Vaccinations received through November 2012 % (95% CI)*
Non-Hispanic, White	35.8 ± 0.4	38.0 ± 0.8
Non-Hispanic, Black	22.9 ± 1.2	28.7 ± 2.5
Hispanic	22.3 ± 1.4	25.0 ± 2.7
Non-Hispanic, Other	28.3 ± 1.8	32.1 ± 3.3

* % - Kaplan-Meier coverage estimate; 95% CI - confidence interval half-width

Preliminary Results

Limitations

- ❑ The 2012-13 influenza vaccination coverage estimates reported here are preliminary and may not be reflected in final end-of-season coverage estimates.
- ❑ NIS and BRFSS are telephone surveys excluding households with no telephone service. Non-coverage and nonresponse bias may remain after weighting adjustments.
- ❑ All data rely upon self-report and are not validated with medical records; validity studies have shown that parental report (for children) may overestimate influenza vaccination coverage.

SUMMARY AND RECOMMENDATIONS

Summary of preliminary 2012-13 season coverage estimates

- ❑ **54.9% of children vaccinated**
- ❑ **35.1% of adults vaccinated**
- ❑ **Results are preliminary**
 - Final 2012-13 season results available in fall 2013

Recommendations

- ❑ **Increase influenza vaccination coverage rates among all individuals \geq 6 months.**
 - Among adults in certain racial and ethnic groups.
- ❑ **Implement strategies to increase vaccination coverage in upcoming influenza seasons.**
 - Enhancing Access to Vaccination Services
 - Increasing Community Demand for Vaccinations
 - Provider- or System-Based Interventions
 - Community-Based Interventions Implemented in Combination

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