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

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

Vaccination Coverage (%)

Month of Vaccination

- Children (6 months - 17 years, NIS)
- Adults (18+ years, BRFSS)
Preliminary Influenza Vaccination Coverage for The 2012-13 Season Compared to The 2011-12 Season, NIS All Children

Vaccination Coverage (%)

- 2012-2013 Children (6 mos -17 yrs)
- 2011-2012 Children (6 mos -17 yrs)
Preliminary influenza vaccination coverage for the 2012-13 season compared to the 2011-12 season by age group for Children, NIS

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

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

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>2011-12 Season, Vaccinations received through February 2012 % (95% CI)*</th>
<th>2012-13 Season, Vaccinations received through February 2013 % (95% CI)*</th>
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<tbody>
<tr>
<td>Non-Hispanic, White</td>
<td>46.7 ± 1.0</td>
<td>52.5 ± 1.3</td>
</tr>
<tr>
<td>Non-Hispanic, Black</td>
<td>50.2 ± 2.7</td>
<td>53.7 ± 3.4</td>
</tr>
<tr>
<td>Hispanic</td>
<td>55.7 ± 2.3</td>
<td>57.9 ± 3.0</td>
</tr>
<tr>
<td>Non-Hispanic, Other</td>
<td>52.2 ± 2.8</td>
<td>62.3 ± 4.2</td>
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Preliminary influenza vaccination coverage for the 2012-13 season compared to the 2011-12 Season, BRFSS all adults

- **2012-2013 Adults (18+ years)**
- **2011-2012 Adults (18+ years)**
## Preliminary influenza vaccination coverage for the 2012-13 season compared to the 2011-12 season by age group for Adults, BRFSS

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<th>Age Group</th>
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<td>All adults (≥18 years)</td>
<td>32.0 ± 0.4</td>
<td>35.1 ± 0.8</td>
</tr>
<tr>
<td>18–49 years</td>
<td>22.5 ± 0.6</td>
<td>24.9 ± 1.0</td>
</tr>
<tr>
<td>50–64 years</td>
<td>36.1 ± 0.8</td>
<td>38.0 ± 1.4</td>
</tr>
<tr>
<td>Adults ≥65 yrs</td>
<td>56.1 ± 0.6</td>
<td>60.8 ± 1.4</td>
</tr>
</tbody>
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* % - 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 influenza vaccination coverage for the 2012-13 season compared to the 2011-12 season by racial/ethnic group for Adults, BRFSS

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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 ≥ 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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