National Adult Immunization Coverage Dashboard

Purpose

• To develop a graphic representation
  – Containing national adult immunization data reported by the Department of Health and Human Services
  – Showing progress towards achieving the Healthy People 2020 immunization goals
  – Suitable for posting as part of the NVPO/HHS dashboard
Methods

- **Data Year:** 2012
- **Data Sources**
  - National Health Interview Survey (NHIS)
  - CMS Minimum Data Set (MDS)
  - Flu Internet Panel Survey
- **Vaccines**
  - Influenza
  - Zoster
  - PPSV23
  - Hepatitis A
  - Hepatitis B
  - HPV
  - Tdap

Methods, cont.

- **Immunization Measures**
  - Healthy People 2020 Goals
    - **Overall**
    - **Race**
    - Additional adult immunization measures

- **Progress towards achieving HP 2020 goals**
  - Far from target – achieved < 50% of the target
  - Close to target – achieved 50% – 90% of target
  - At target – at least 90% of target
HP 2020 Measures

– Influenza (in transition!)
  • 18+ years
  • Healthcare personnel
– Pneumococcal polysaccharide (PPSV23)
  • 65+ years
  • High risk 18 – 64 years
  • Nursing home residents
– Zoster 60+ years
– Hepatitis B in Healthcare personnel

Other Immunization measures

• Influenza 18-64 years
• Influenza 18-64 high risk
• Influenza 65+ years
• Influenza in Nursing home residents
• Influenza in Pregnant Women
• Tdap 19+ years
• Hepatitis A ever – 19-49 years
• Hepatitis B ever – 19-49 years
• HPV 19 -26 years – Females
• HPV 19-26 years – Males
HP 2020 Adult Immunization Dashboard

Sources: Influenza Measures—NHIS 2011-2012, Singleton; Nursing home measures—MDS 2011, Moy; Non-influenza—NHIS 2012, Williams et. al. MMWR 2/7/14

HP 2020 Adult Immunization Dashboard Table

<table>
<thead>
<tr>
<th></th>
<th>% Immunized</th>
<th>To HP2020 Target</th>
<th>HP2020 Target</th>
<th>% Target</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flu 18+</td>
<td>39.2</td>
<td>30.8</td>
<td>70</td>
<td>56.00%</td>
<td>Close to Target</td>
</tr>
<tr>
<td>Flu Health Care Personnel</td>
<td>61.5</td>
<td>28.5</td>
<td>90</td>
<td>68.33%</td>
<td>Close to Target</td>
</tr>
<tr>
<td>Pneu 65+</td>
<td>59.9</td>
<td>30.1</td>
<td>90</td>
<td>66.56%</td>
<td>Close to Target</td>
</tr>
<tr>
<td>Pneu 18-64 High Risk</td>
<td>20</td>
<td>40</td>
<td>60</td>
<td>33.33%</td>
<td>Far from Target</td>
</tr>
<tr>
<td>Pneu 18+ Nursing Home (2011)</td>
<td>93.3</td>
<td>Exceeded</td>
<td>90</td>
<td>103.67%</td>
<td>At Target</td>
</tr>
<tr>
<td>Zoster 60+</td>
<td>20.1</td>
<td>9.9</td>
<td>30</td>
<td>67.00%</td>
<td>Close to Target</td>
</tr>
<tr>
<td>HepB Health Care Personnel</td>
<td>65</td>
<td>25</td>
<td>90</td>
<td>72.22%</td>
<td>Close to Target</td>
</tr>
</tbody>
</table>
HP 2020 Influenza Measures by Race

HP 2020 Immunization Measures Summary
Polling Question #1

- The dashboard emphasizes the new HP2020 measures but includes non-HP2020 measures. Do you think:
  1. Dashboard should only include HP2020 measures and drop non-HP2020 measures
  2. Dashboard has right balance of HP2020 and non-HP2020 measures
  3. Dashboard should focus less on HP2020 measures and include more on non-HP2020 measures
Polling Question #2

- We show break-outs by race/ethnicity. Which population break-outs would be most important to show (pick 3):
  1. None – do not show population breakouts
  2. Age
  3. Sex
  4. Race/ethnicity
  5. Income
  6. Education
  7. Insurance
  8. Marital status
  9. Country of birth
  10. Metro/non-metro

Polling Question #3

- We include a summary across HP2020 measures. Is this summary helpful?
  1. Yes, summary is helpful
  2. No, summary is not helpful
Thank you!

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