# 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
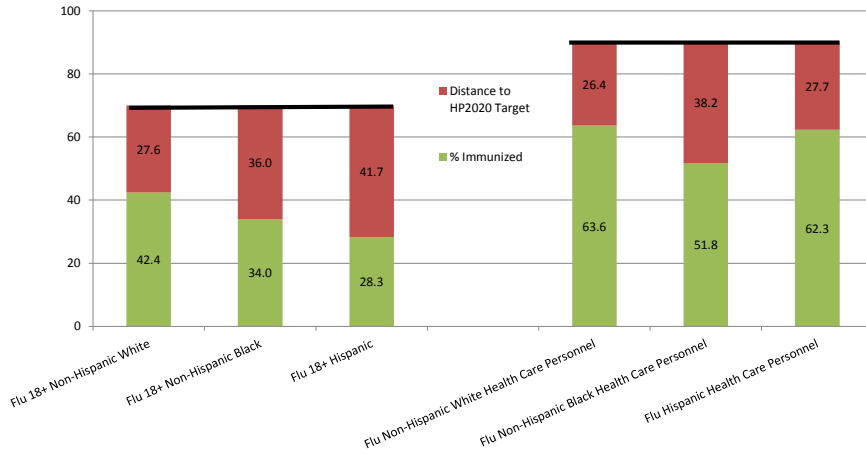
# HP 2020 Adult Immunization Dashboard
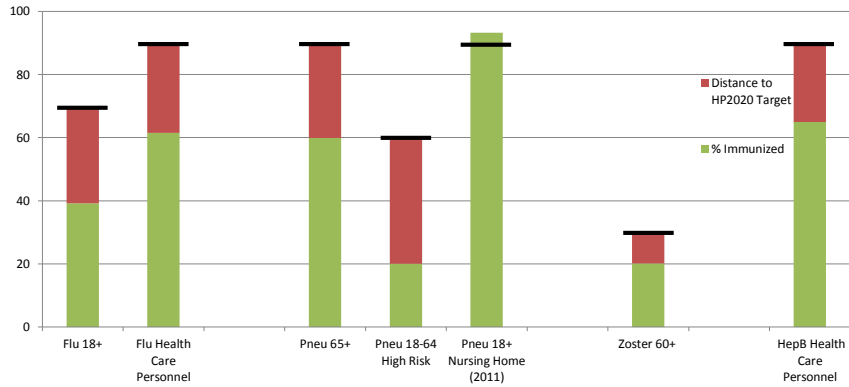


Sources: Influenza Measures—NHIS 2011-2012, Singleton; Nursing home measures—MDS 2011, Moy; Non-influenza—NHIS 2012, Williams et. al. MMWR 2/7/14
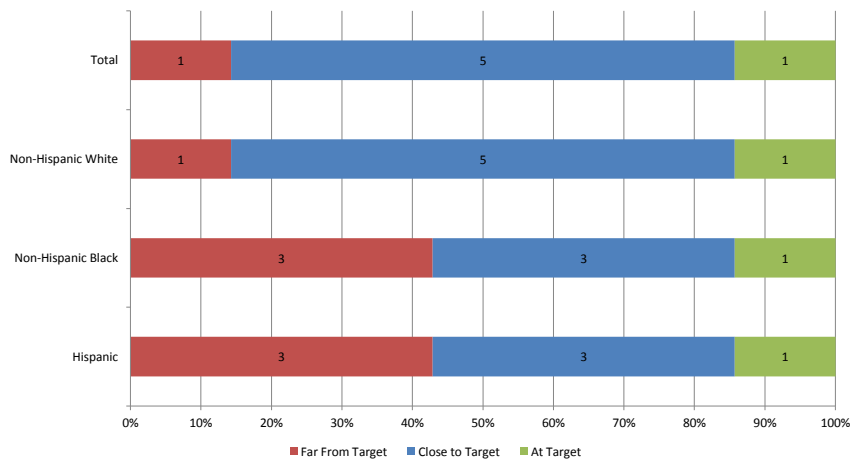
# HP 2020 Adult Immunization Dashboard Table

| | % Immunized | To HP2020 Target | HP2020 Target | % Target | Status |
|---|---|---|---|---|---|
| Flu 18+ | 39.2 | 30.8 | 70 | 56.00% | Close to Target |
| Flu Health Care Personnel | 61.5 | 28.5 | 90 | 68.33% | Close to Target |
| | | | | | |
| Pneu 65+ | 59.9 | 30.1 | 90 | 66.56% | Close to Target |
| Pneu 18-64 High Risk | 20 | 40 | 60 | 33.33% | Far from Target |
| Pneu 18+ Nursing Home (2011) | 93.3 | Exceeded | 90 | 103.67% | At Target |
| | | | | | |
| Zoster 60+ | 20.1 | 9.9 | 30 | 67.00% | Close to Target |
| | | | | | |
| HepB Health Care Personnel | 65 | 25 | 90 | 72.22% | Close to Target |

# HP 2020 Influenza Measures by Race

| Category | % Immunized | Distance to HP2020 Target |
|---|---|---|
| Flu 18+ Non-Hispanic White | 42.4 | 27.6 |
| Flu 18+ Non-Hispanic Black | 34.0 | 36.0 |
| Flu 18+ Hispanic | 28.3 | 41.7 |
| Flu Non-Hispanic White Health Care Personnel | 63.6 | 26.4 |
| Flu Non-Hispanic Black Health Care Personnel | 51.8 | 38.2 |
| Flu Hispanic Health Care Personnel | 62.3 | 27.7 |



# HP 2020 Immunization Measures Summary

| Category | Far From Target | Close to Target | At Target |
|---|---|---|---|
| Total | 1 | 5 | 1 |
| Non-Hispanic White | 1 | 5 | 1 |
| Non-Hispanic Black | 3 | 3 | 1 |
| Hispanic | 3 | 3 | 1 |

# Other Immunization Measures

**% Immunized**

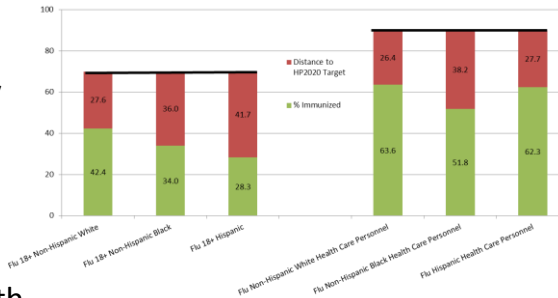| Category | % Immunized |
|---|---|
| Flu 18-64 | 32.6 |
| Flu 18-64 High Risk | 44.9 |
| Flu 65+ | 70.1 |
| Flu 18+ Nursing Home (2011) | 89.5 |
| Flu Pregnant Women | 48.3 |
| Tetanus / Pertussis 19+ past 7 years | 14.2 |
| HepA 19-49 ever | 12.2 |
| HepB 19-49 ever | 35.3 |
| HPV 19-26 female | 34.5 |
| HPV 19-26 male | 2.3 |

■ % Immunized

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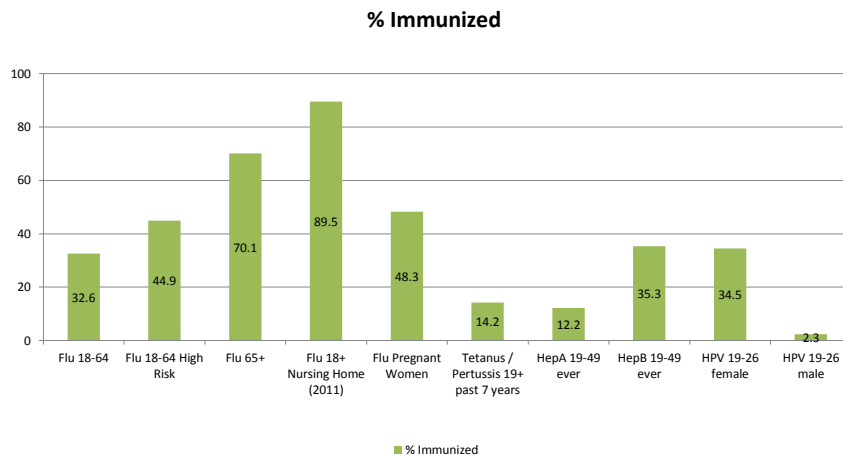
# Polling Question #1

- 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
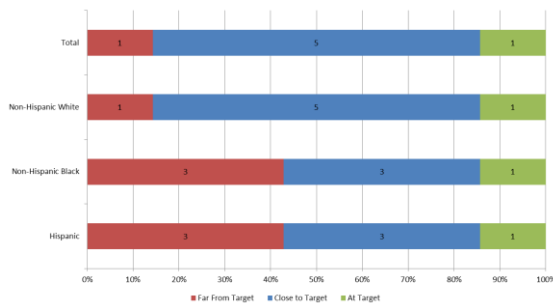
# Thank you!

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