National Adult Immunization Plan Update

February 11, 2015

www.hhs.gov/nvpo/

Rebecca Fish
Senior Policy Advisor
Lead: Vaccine Policy, Science, and Strategy Team
National Vaccine Program Office
Rebecca.Fish@hhs.gov
Background

• Adult immunization rates remain well below HP2020 objectives

• A priority area of concern
NVAC Role

• Standards for Adult Immunization Practice

• Efforts to strengthen vaccination for specific adult populations

• Identified need for a National Adult Strategic Plan
What Makes This Plan Different?

- Metrics
- Role of AITF
- Adult Focus
Objective

- Protect public health through vaccination of all adults
- 5 year duration
- National plan
- Diverse stakeholders (public and private)
- Aligned with other HHS initiatives
Approach

- Environmental scan of literature over past 10 years
- Key stakeholders convened to provide high-level feedback
- Survey to generate feedback on possible plan priorities
- 8 focus groups (designed to reflect diverse sectors)
- One on one interviews with dozens of thought leaders
- Follow up meetings to discuss indicators
4 Plan Goals

1. Strengthen the Adult Immunization Infrastructure
2. Improve Access to Adult Vaccines
3. Increase Community Demand for Adult Immunizations
4. Foster Innovation in Adult Vaccine Development and Vaccination Related Technologies
Goal #1
Strengthen the Adult Immunization Infrastructure

- **Objective 1:** Monitor and report trends in adult vaccine-preventable disease levels and vaccination coverage data for all ACIP recommended vaccines. Measure progress towards established targets in cases where there are HP2020 goals.

- **Objective 2:** Enhance current vaccine safety monitoring systems and develop new methods to accurately and more rapidly assess vaccine safety and efficacy in adult populations.

- **Objective 3:** Continue to analyze claims filed as part of the Vaccine Injury Compensation Program to identify causal links between vaccines and adverse events.

- **Objective 4:** Increase the use of Immunization Information Systems and Electronic Health Records to collect and track adult immunization data.

- **Objective 5:** Evaluate and advance targeted quality improvement initiatives.

- **Objective 6:** Generate and disseminate evidence about the economic impact of adult immunization, including potential disease burden averted and cost effectiveness with the use of current vaccines.
Goal #2
Improve Access to Adult Vaccines

- **Objective 1:** Reduce financial barriers for individuals who receive vaccines routinely recommended for adults.

- **Objective 2:** Assess and improve understanding of providers’ financial barriers to delivering vaccinations, including stocking and administering vaccines.

- **Objective 3:** Expand the adult immunization provider network.

- **Objective 4:** Ensure a reliable supply of vaccines and the ability to track vaccine inventories, including during public health emergencies.
Goal #3
Increase Community Demand for Adult Immunizations

- **Objective 1:**
  Educate and encourage individuals to be aware of and receive adult immunizations.

- **Objective 2:**
  Educate and encourage *healthcare professionals* to recommend and/or deliver adult vaccinations.

- **Objective 3:**
  Educate and encourage other groups (e.g., community and faith based groups) to promote the importance of adult immunization.
Goal # 4
Foster Innovation in Adult Vaccine Development and Vaccination Related Technologies

- **Objective 1:**
  Develop new vaccines and improve the effectiveness of existing vaccines for adults.

- **Objective 2:**
  Encourage new technologies to improve the distribution storage, and delivery of adult vaccines.
Indicators

- Measures for each goal
- Limited
- Meaningful
- Established target level
- Annually updated
<table>
<thead>
<tr>
<th>Indicator</th>
<th>Baseline</th>
<th>Data Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult vaccination coverage levels for HP2020 measures</td>
<td>AHRQ Dashboard</td>
<td>CDC, CMS</td>
</tr>
<tr>
<td>Racial/ethnic disparities in adult vaccination coverage for HP2020 measures</td>
<td>AHRQ Dashboard</td>
<td>CDC</td>
</tr>
<tr>
<td>Percentage of surveyed primary care physicians who record information on adult immunizations in a state or regional IIS*</td>
<td>8% Internists 36% FPs</td>
<td>CDC, NVPO</td>
</tr>
<tr>
<td>Percentage of surveyed pharmacies that submit adult vaccination data to an IIS *</td>
<td>28%</td>
<td>APhA survey</td>
</tr>
<tr>
<td>Percent of surveyed health care providers who have identified an adverse event following immunization and reported it to VAERS</td>
<td>17%</td>
<td>NVPO planned research</td>
</tr>
</tbody>
</table>
## Goal 2: Improve Access

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Baseline</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage of states and territories that allow pharmacists to administer all routinely recommended vaccines for adults 19+</td>
<td>85%</td>
<td>APhA</td>
</tr>
<tr>
<td>Percentage of surveyed primary care providers who stock adult routinely recommended vaccines.</td>
<td>20% Internists, 31% FPs</td>
<td>NVPO planned research</td>
</tr>
<tr>
<td>Percentage of state Medicaid programs that include all recommended vaccinations for adults as a preventive benefit for existing patients and prohibit cost sharing.</td>
<td>33%</td>
<td>CMS</td>
</tr>
</tbody>
</table>
## Goal 3: Increase Community Demand

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Baseline</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent of surveyed adults who believe they are recommended to receive flu vaccine (within a specified year).</td>
<td>45%</td>
<td>CDC</td>
</tr>
<tr>
<td>Percent of adults who report receiving a provider recommendation for a flu vaccine.</td>
<td>45%</td>
<td>CDC</td>
</tr>
<tr>
<td>Percent of pregnant women who report receiving the following immunizations during pregnancy (Influenza, Tdap).</td>
<td>In development</td>
<td>CDC</td>
</tr>
<tr>
<td>Percent of surveyed adults that aware of the <em>routinely recommended</em> adult vaccines they are supposed to receive.</td>
<td>In development</td>
<td>NVPO</td>
</tr>
<tr>
<td>Percentage of surveyed adult healthcare providers who report assessing vaccination status at every visit.</td>
<td>29% Internists, 32% FPs</td>
<td>CDC</td>
</tr>
</tbody>
</table>
## Goal 4: Foster Innovation

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Baseline</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of vaccines in clinical development (Phase II or Phase III clinical trials) with an expected adult indication.</td>
<td>In development</td>
<td>BIO</td>
</tr>
<tr>
<td>Number of vaccines on CDC contracted vaccine price lists that include a 2D barcode.</td>
<td>38</td>
<td>CDC</td>
</tr>
</tbody>
</table>
Next Steps

- Public comment: [www.hhs.gov/nvpo/](http://www.hhs.gov/nvpo/)
- Please pay attention to “Roles and Responsibilities”
- Plan to be circulated for final federal review
- Roll out to partners
- Publish
Conclusion

- Framework for adult immunization activity
  - Impactful
  - Measurement

- Promote focus
  - Prioritize
  - Leverage partner expertise

- National Plan = better outcomes
  - Aligned expectations

- Please review Plan and provide feedback