NVAC Adult Immunization Working Group (AIWG) Update

February 17, 2011
Washington, D.C.

Co-Chairs:
Drs. Julie Morita and Chris Nevin-Woods

AIWG Members

NVAC Members

Gus Birkhead*
Rich Clover
Lisa Jackson
Clem Lewin
Julie Morita**
Chris Nevin-Woods**
Laura Riley
LJ Tan

Liaison Representatives

Richard Beigi, ACOG
Tom Koinis, AAFP
Greg Poland, ACP
Wayne Rawlins, AHIP
Alan Rosenberg, AHIP
Mitch Rothholz, APA

***Ex officio* Members**

Amy Groom, IHS
Jeff Kelman, CMS
Richard Martinello, VA
Abigail Shefer, CDC
Ray Strikas, CDC
Candace Swartwood, CDC

Other

Bob Bednarczyk†
Mark Grabowsky, NVPO
Lauren Wu, NVPO

NVAC Chair
† Assistant to NVAC Chair
** WG Co-chairs

Adult WG Mission

- To develop recommendations for establishing a comprehensive, sustainable, national adult immunization program that will lead to vaccine preventable disease reduction by improving adult immunization coverage levels
- Approved February 2010

WG Meetings

- The WG has met monthly via conference call:
  - 2010: Apr, May, Jul, Aug, Oct, Nov, Dec
  - 2011: Jan
- In-person meetings during NVAC:
  - 2010: Feb, June, and Sept

White Paper Development

- Two literature reviews
  - Identified barriers to adult immunization
    - Medline search
    - Review of reference lists from manuscripts and prior recommendations on adult immunization
  - Prior recommendations to improve adult immunization
    - 1990-2010

Prior Recommendations

- Trust for America's Health (2010)
- NVAC (1990; 1994; 2000; 2004; 2009)
- Pickering et al. Immunization Programs for Infants, Children, Adolescents, and Adults (2009)
- AHIP 2008 Immunization Survey (2009)
- RAND Review of Strategies of Adult Immunization (2008)
- Reynolds et al. Improving Immunization Rates (2008)
- 1st National Immunization Congress (2007)
- Orenstein et al. Financing Adult Immunization (2007)
- AMA Reinvigorating Adult Immunization (2006)
- Partnership for Prevention (2005)
- Task Force on Community Preventive Services (1999-2000; 2005)
- Poland et al. Standards for Adult Immunization Practices (2003)
- Stone et al. Interventions That Increase Use of Adult Immunization (2002)

Analysis of Themes, Barriers, and Prior Recommendations

- Categorized barriers and recommendations by theme and linked barriers with recommendations
  - Themes: financing; public health infrastructure; leadership; public knowledge, attitudes and beliefs (KAP); provider KAP; immunization information systems; measurement, research and development
- WG members selected top recommendations of each theme
- WG members identified additional gaps that were not previously addressed in recommendations

Barriers to Adult Immunization

- Lack of coordination of adult immunization activities
- Lack of patient knowledge
- Lack of individual provider and provider organization education and recommendations for immunization
- Financial barriers
- Lack of access to and utilization of health care services by adults
- Lack of utilization of reminder, recall, and assessment systems by providers
- Racial/ethnic disparities and health literacy
- Concern about adverse events

Drafting New Recommendations

- **Large need for national leadership and coordination of an adult immunization program**
- **Priority** recommendations with the most support from WG members formed basis of draft recommendations
- Draft recommendations reviewed by
  - 2nd Immunization Congress attendees - Chicago September 1, 2010 (co-sponsored by AMA, ASTHO, and AAP)
    - No new themes or recommendations identified
  - NVAC Adult WG on September 14, 2010
    - Potential impact of recommendations
    - Organization of recommendations

Organization of Recommendations

- **Primary** recommendations (3)
  - **National leadership**
  - **Resources for adult IZ program**
  - **Strategic plan for adult IZ**

- Operational components
  - Key elements of comprehensive program
  - Addressing gaps in existing knowledge

Recommendation 1: National leadership

- HHS should develop a coordinated, comprehensive National Adult Immunization Program
  - Administrated by HHS, coordinated by the ASH
  - Operationally led by CDC
  - Supported by Interagency Adult Immunization Working Group
    - Representation should include CDC, FDA, IHS, CMS, HRSA, NVPO, ODPHP, OHQ, OMH, ONC, VA, DoD
- Goals
  - National Vaccine Plan targets
  - Healthy People 2020 objectives

Recommendation 2: Resources

- Leadership of the National Adult IZ Program should allocate adequate resources to develop and implement an action plan

- CDC and NVPO should coordinate expert analyses to estimate the costs of implementing operational components

Recommendation 3: Strategic Action Plan

- Federal Interagency Working Group (from Rec 1)
  - Lead the development of the action plan
  - Obtain input from a broad range of stakeholders through a non-federal Steering Committee
  - Use National Vaccine Plan and Healthy People 2020 goals for plan
  - Routinely evaluate and monitor goals of this strategic plan

Operational Components

- To be developed and implemented in accordance with strategic action plan
- Grouped into 5 thematic categories:
  1) General infrastructure
  2) Expanding access to vaccination
  3) Provider- or system-based interventions
  4) Increasing community demand
  5) Research needs

Operational Components

General Infrastructure

- Align adult immunization goals across agencies
- Include specific adult immunization activities in CDC grant guidance
- Support development of infrastructure
  - Build state and local public health infrastructure modeled after that for childhood immunizations
- Support development and use of quality measures for adult immunizations

Operational Components

<u>Expanding Access to Vaccination</u>

- Increased application of Section 317 funds for adult vaccines
- Develop and foster partnerships across public health and other traditional and non-traditional organizations
  - State and local public health taking a lead
  - e.g., American Diabetes Association, community & faith-based organizations
  - Closer working relationship between existing adult IZ programs and the Office of Minority Health, HHS health literacy initiative, Office of Disease Prevention & Health Promotion
- CMS should update the maximum allowable reimbursement amounts for each state and include appropriate non-vaccine related costs

Operational Components

<u>Provider- or System-based Interventions</u>

- Provider education
  - QI/QA activities
  - Standards of care and immunization practice
- Engage non-traditional IZ providers (pharmacies, “minute clinics”)
- Improve and expand registries to include adult vaccinations
- Educate vaccine providers and partners on healthcare reform

Operational Components

<u>Increasing Community Demand for Vaccinations</u>

- Develop and implement a comprehensive education and outreach campaign on adult vaccines, directed to both patients and providers
  - Vaccine-preventable diseases
  - Vaccine safety
  - Where to obtain vaccines
- Utilize many media outlets

Operational Components

<u>Addressing Research Needs</u>

- Determine costs of administering adult vaccines and base reimbursement of vaccine administration
- Determine coverage levels of routinely recommended adult immunizations at state and local levels
- Evaluate economic benefits of adult immunizations
- Evaluate healthcare professional training
- Quantify the proportion of adult health care providers routinely stocking and administering vaccines
- Evaluate 2013-14 Medicaid reimbursement modification

Operational Components

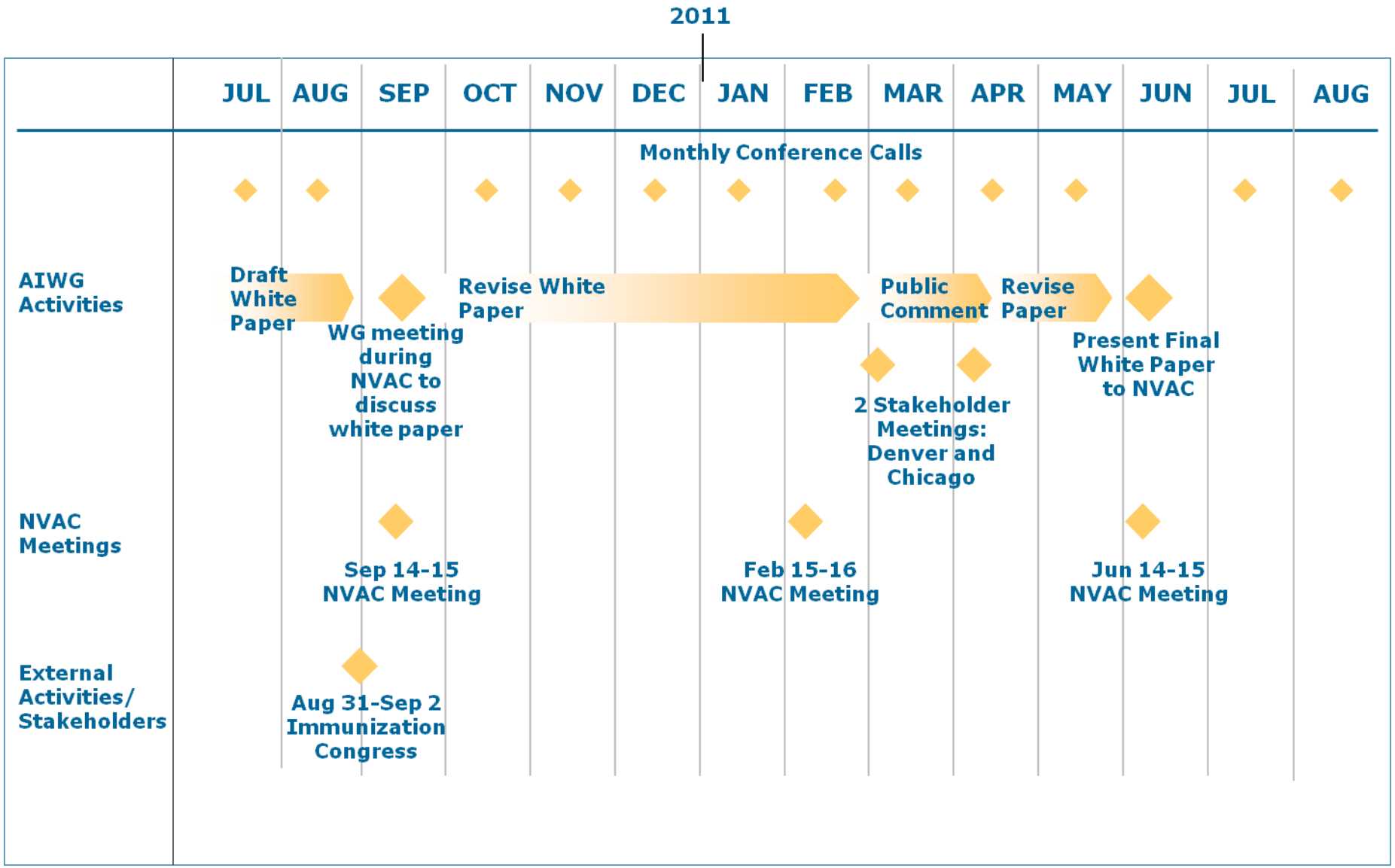
Addressing Research Needs (continued)

- Study public and provider attitudes toward adult vaccination after implementation of recommendations
- Evaluate adult vaccination in complementary immunization venues
- Understand the impact of health literacy on vaccinations and vaccination disparities
- Research into vaccinomics and immunogenomics

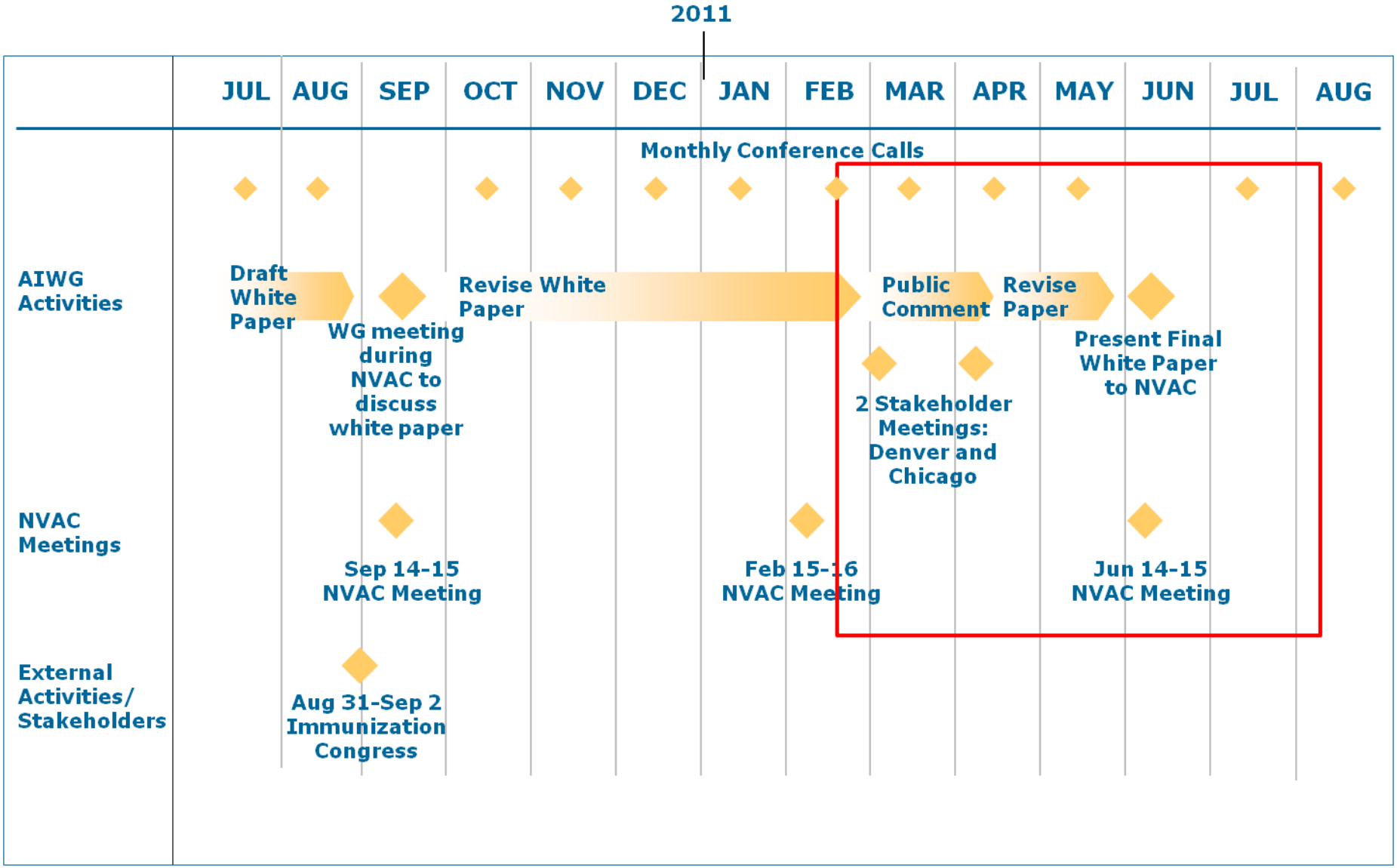
Stakeholder and Public Input

- Stakeholder meetings
  - March 4 – Denver, CO
  - April 8 – Chicago, IL
  - Representatives from health care organizations and coalitions, health insurance, payer groups, vaccine manufacturers, consumers, employers, business, faith-based groups
- Federal Register notice for public comment ending April 15

White Paper Timeline



White Paper Timeline



Feedback and Discussion on White Paper

- Is there agreement that the main theme is the need for national leadership and coordination, including a national action plan for adult IZ?

- Are the 3 overarching recommendations clear? Actionable? Directed to the right responsible parties?

- What is the reaction to the recommendation to form a Federal Interagency Working Group?

Feedback and Discussion on White Paper

- How should the operational components be prioritized?

- What is the reaction to the proposal that CDC cost out the 3 main recommendations and operational components after the report is finalized?