

# Developing Indicators and Targets for the National Adult Immunization Plan

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## NAIP Development: Overview



1. Identify goals and strategies for the National Adult Immunization Plan
2. Identify and develop performance indicators and targets
3. Write the National Adult Immunization Plan
4. Revise plan following public and federal agency comment period
5. Publish Plan

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# Why Do We Need Indicators?

To focus the efforts of stakeholders



To promote accountability



To drive quality improvement



*“The strategic plan is your roadmap and performance indicators keep you from getting lost.”*

Clarify starting point with baseline data

Quantify progress to date

Define when goal has been accomplished

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# Embracing Performance Indicators in Strategic Planning

Long history of use in the private sector and growing use by government

2010: National Vaccine Plan

Priorities for implementation but no performance indicators

2011: National Prevention Strategy

Dozens of indicators

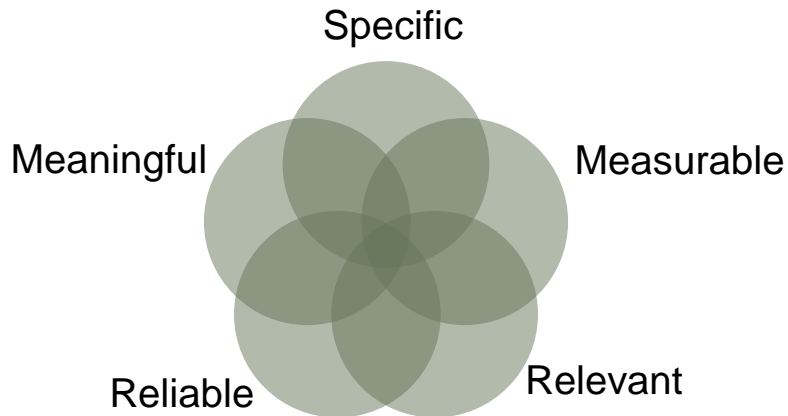
2013: HHS Strategic Plan

Hundreds of indicators



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## Qualities of Strong Indicators



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## The Challenge



- Existing measures not developed for strategic planning purposes
- Major gaps for NAIP goals
- Most represent two concepts:
  - Provider accountability/performance assessment (e.g., did provider offer vaccine)
  - Population health (e.g., vaccine uptake)

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# Methods



## Environmental scan

150 unique indicators categorized by plan goal



## Stakeholder engagement

Focus groups  
Interviews



## Scoping for indicators

Plan to include ~15 indicators  
Capture mix of process and outcome indicators  
Drawn from existing data sources; others "development"



## Scoping for targets

Aspirational without being unrealistic

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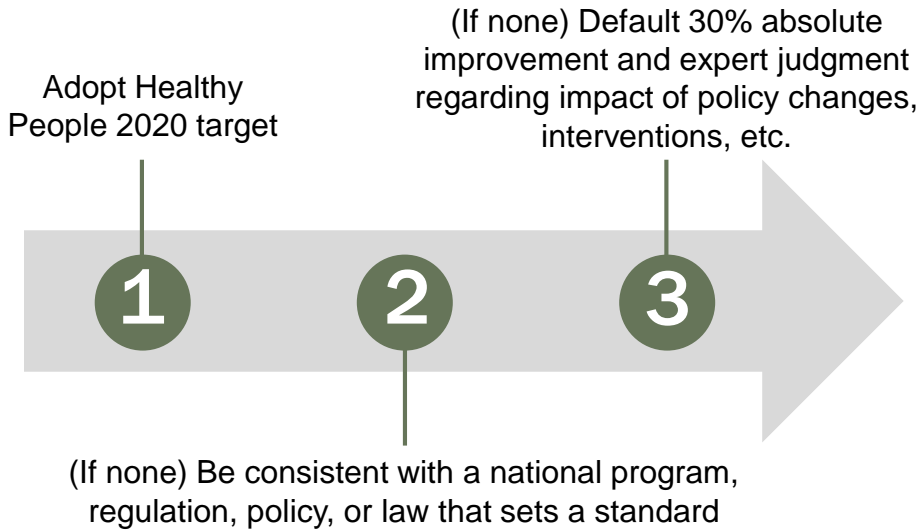
# Exclusion Criteria



- Measure will not be relevant in 5 years
- Measure is not national in scope
- Measure cannot be "measured"
- Data source has an uncertain future
- Measure is not relevant to the plan goal
- Progress on measure cannot be interpreted

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# Target-Setting Method



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# Current Indicators and Targets

## Goal 1: Strengthen the adult immunization infrastructure



### Indicators



### Targets

Adult vaccination coverage for Healthy People 2020 measures	—
Racial/ethnic disparities in adult vaccination coverage for Healthy People 2020 measures	—
% of surveyed primary care physicians who record information on adult vaccinations in state or regional IIS	50%
% of surveyed pharmacists who submit adult vaccination data to IIS	60%
<i>% of adult health care providers who have identified an adverse event following immunization and reported it to VAERS</i>	TBD

**Developmental measure**

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# Current Indicators and Targets

## Goal 2: Improve access to adult vaccinations



### Indicators



### Targets

% of states and territories that allow pharmacists to administer all routinely recommended vaccines for adults 19+ without a patient-specific prescription

100%

% of surveyed primary care providers who stock vaccines routinely recommended for adults

60%

% of state Medicaid programs that include all recommended vaccinations for adults as a preventive benefit for existing patients and prohibit cost-sharing

100%

**Developmental measure**

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# Current Indicators and Targets

## Goal 3: Increase community demand for adult vaccinations



### Indicators



### Targets

% of surveyed adults who believe they are recommended to receive a flu vaccine

75%

% of surveyed adults who report receiving a provider recommendation for flu vaccine

90%

% of surveyed adult health care providers who report assessing vaccination status at every visit

60%

% of surveyed adults aware of select routinely recommended adult vaccines they are supposed to receive

TBD

% of pregnant women who reported receiving influenza and tdap vaccines

TBD

**Developmental measures**

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# Current Indicators and Targets

## Goal 4: Foster innovation in adult vaccine development and vaccination-related technologies



Indicators



Targets

Number of vaccines in clinical development (Phase II or Phase III clinical trials) with an expected adult indication

TBD

Number of vaccines on CDC contracted vaccine pricelist that include a 2D barcode

TBD

**Developmental measures**

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# Other Indicators Considered



- % of flu vaccination encounters at which another vaccine was administered
- % of health departments that bill for immunization services
- % of providers that query IIS prior to administering vaccinations
- % of health plans that categorize all vaccines at tier one, no co-pay services
- % of health departments with adult immunization coordinators
- % of immunization programs with active immunization coalition that covers adult immunization
- % of programs (or commercial health plans) that include pharmacists as vaccine providers
- % of health plans that include pharmacists as in-network providers
- % of PCPs who refer patients to other immunization provider if they don't stock vaccines
- % of immunization program grantees meeting 12 functional standards for IIS
- % of immunization program grantees with IIS with lifespan systems
- % of eligible providers serving adults that submit adult immunization data to IIS

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# Questions?

**For more  
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