



Increasing Adult Immunization Rates in the US Through Data and Quality: A Roadmap

Avalere Health | An Inovalon Company
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In Partnership with GSK

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Welcome



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Support for this
initiative was
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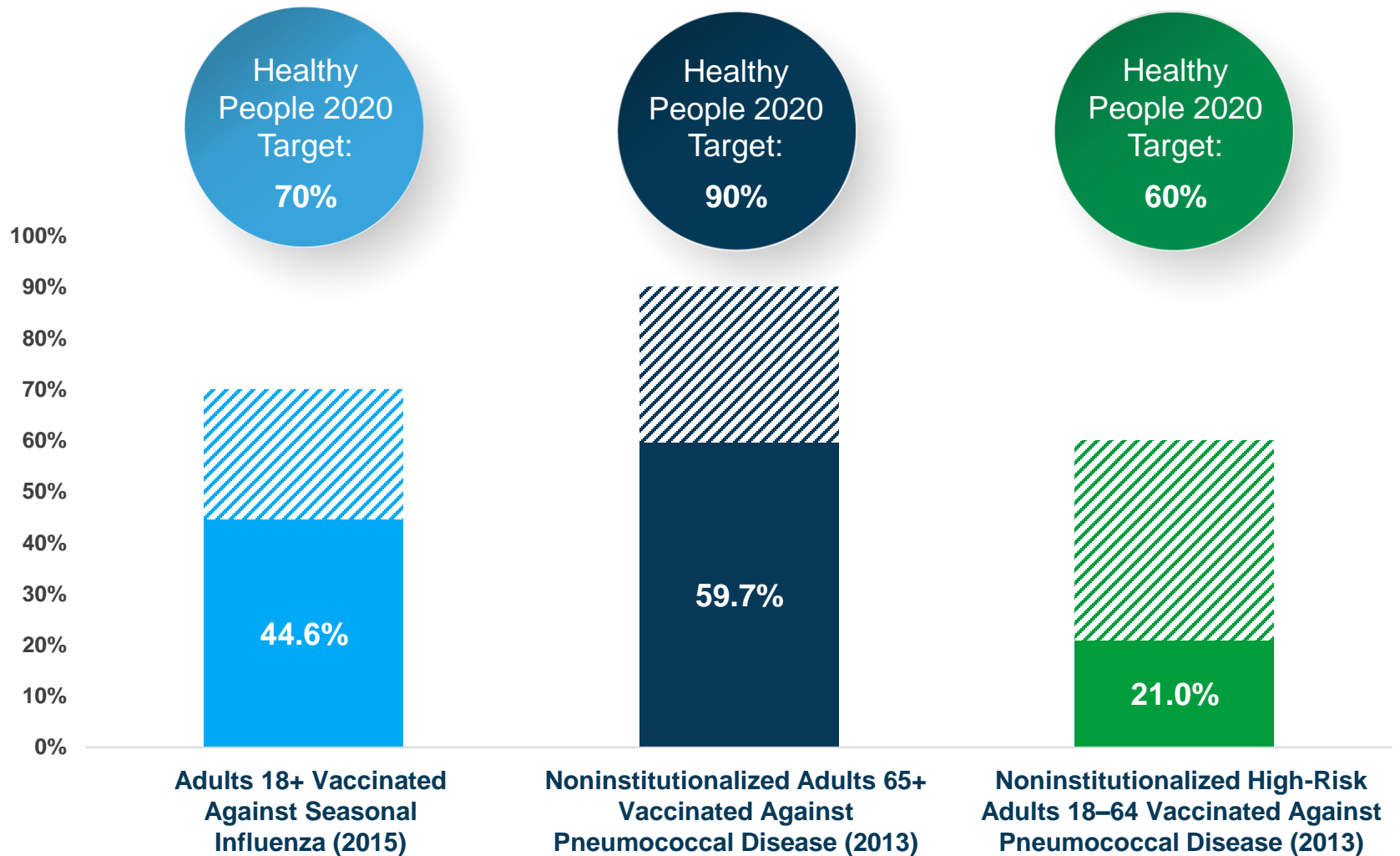


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Overview: The Role of Quality in Improving Vaccination Uptake

Improving Adult Immunization Rates Remains a Challenge



Source: Healthy People 2020. Immunization and Infectious Disease. Available: <https://www.healthypeople.gov/2020/topics-objectives/topic/immunization-and-infectious-diseases/objectives>

The NAIP Facilitates Stakeholders to Increase Adult Vaccination Uptake

2010 HHS National Vaccine Plan provides a comprehensive strategy to improve US immunization rates and achieve immunization goals through 2020

2016 NAIP developed by the National Vaccine Program Office

NAIP Goals

Goal 1

Strengthen the adult immunization infrastructure

Goal 2

Improve access to adult vaccines

Goal 3

Increase community demand for adult immunizations

Goal 4

Foster innovation in adult vaccine development and related technologies

HHS: The U.S. Department of Health and Human Services;; NAIP: National Adult Immunization Plan

Sources:

HHS Website. HHS Releases Plan to Improve US Adult Immunization Rates. Available:

<https://www.hhs.gov/ash/about-ash/news/2016/hhs-releases-plan-to-improve-us-adult-immunization-rates/index.html>

The National Vaccine Program Office. National Adult Immunization Plan. Available:

<https://www.hhs.gov/sites/default/files/nvpo/national-adult-immunization-plan/naip.pdf>



Emerging Opportunities to Incentivize Vaccinations as the System Shifts to More Value-Based



▲ Quality

A key component of defining the value of health products and services

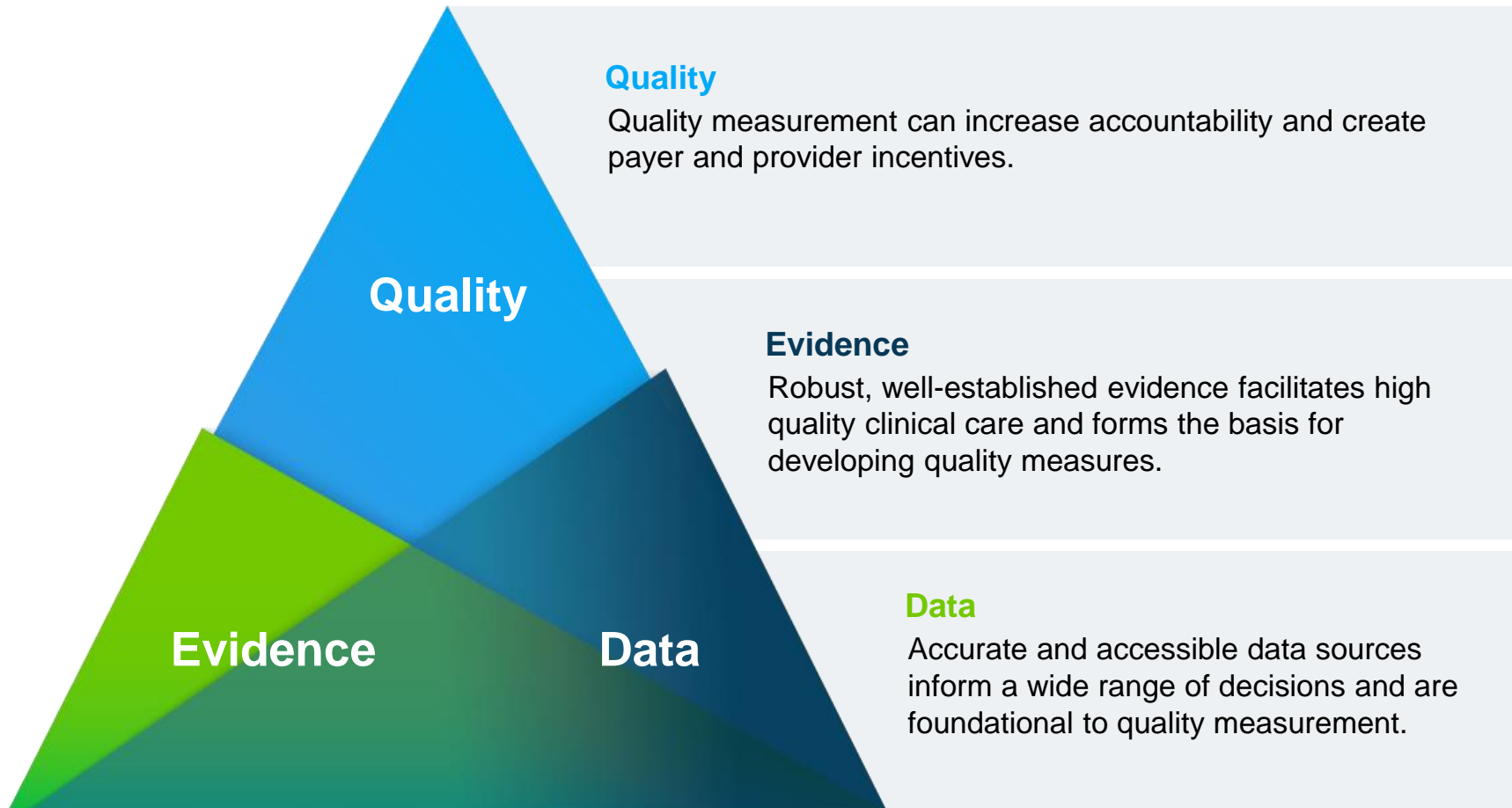
▼ Cost

Reducing costs is well understood, but the role of quality continues to evolve

 **Vaccine clinical and economic impacts are well-documented and increasingly important in the transition away from volume-based payment to value.**



Capturing Value Is Dependent on Robust Evidence, Accessible Data, and Effective Quality Measurement



Sources:

CDC. Faruque A. U.S. Advisory Committee on Immunization Practices (ACIP) Handbook for Developing Evidence-based Recommendations.

<https://www.cdc.gov/vaccines/acip/recs/grade/downloads/handbook.pdf>. November 1, 2013.



The Focus on Value-Based Care Will Continue to Grow

“We want to move to a system that pays for value and quality – but how we define value and quality today is a problem.”

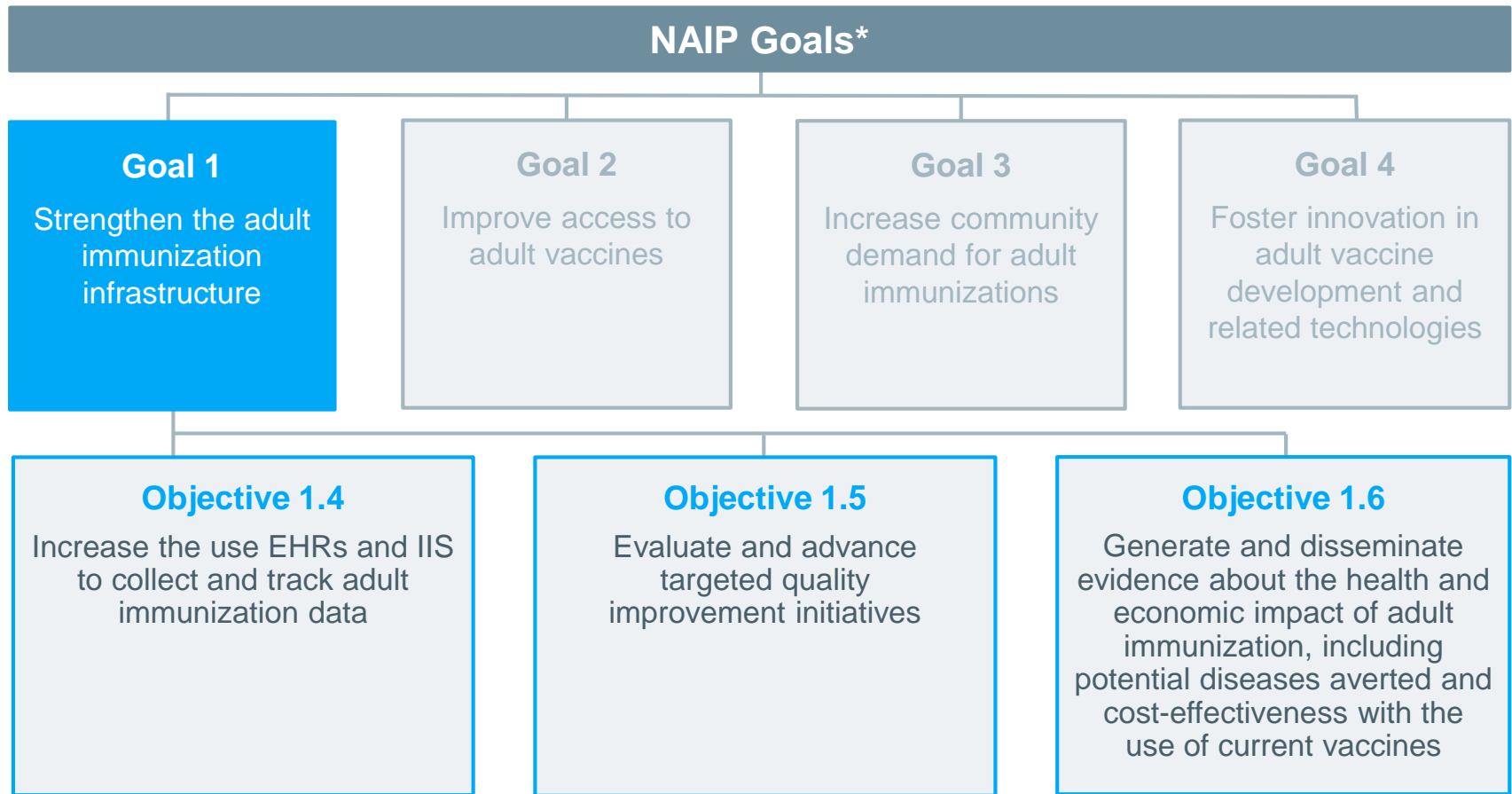
Seema Verma, CMS Administrator
Health Care Payment Learning and
Action Network (LAN) Fall Summit
October 30, 2017

“Clinicians and hospitals have to report an array of measures to different payers. The measures are often different and there are many steps involved in submitting them, taking time away from patients. Moreover, it’s not clear whether all of these measures are actually improving patient outcomes...”

That’s why we’re revising current quality measures across all programs to ensure that measure sets are streamlined, outcomes-based, and meaningful to doctors and patients.”



The NAIP Focuses on Strengthening Quality-Based Efforts to Improve Adult Vaccination Rates



Quality-Based Initiatives to Improve Adult Vaccination Rates Align with Other National Quality Efforts

The National Quality Strategy (NQS)-a national initiative to “align public and private stakeholders to achieve better health and healthcare for all Americans”-proposes 9 levers, some of which specifically highlight quality-related activities to further support quality-based efforts to increase adult immunizations.

Select Quality-Focused NQS Levers /

Measurement & Feedback

Provide performance feedback to plans and providers to improve care

Health IT

Improve communication, transparency, and efficiency for better coordinated healthcare

Public Reporting

Compare treatment results, costs, and patient experience for consumers

Payment

Reward and incentivize providers to deliver high-quality, patient-centered care

IT: Information Technology

Source: Agency for Healthcare Research and Quality. National Quality Strategy: Using Levers to Achieve Improved Health and Health Care. 2016



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Vaccines & Quality Roadmap

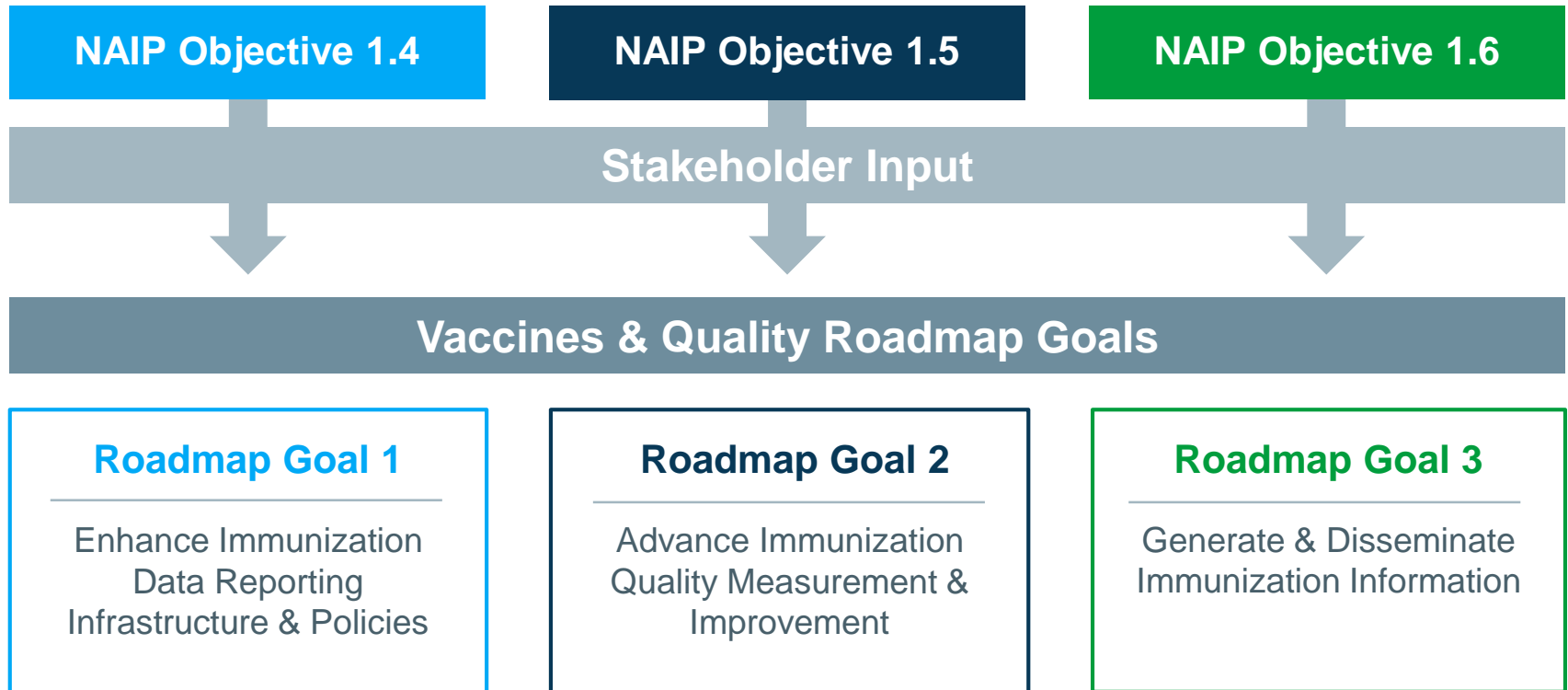
GSK Engaged Stakeholders to Advance National Adult Immunization Goals

On September 28, 2016, GSK sponsored the **Project Prevention: Dialogue to Advance the Use of Vaccines for Older Adults through Quality.**



NAIP Objectives Informed the Development of a Quality-Based Recommendation Roadmap

Stakeholders informed the **Vaccines and Quality Roadmap** outlining key challenges and opportunities to leverage quality to improve immunization uptake.



Advance Adult Immunization Efforts with Public and Private Stakeholders

Roadmap Goals /

Challenges /

1

**Enhance Immunization
Data Reporting
Infrastructure &
Policies**

- Maximize data capture
- Improve data integrity
- Enhance data use

2

**Advance Immunization
Quality Measurement
& Improvement**

- Close immunization quality measure gaps
- Implement adult immunization quality measures
- Advance model quality improvement activities to support adult immunization

3

**Generate &
Disseminate
Immunization
Information**

- Fill evidence gaps
- Improve the evidence base to support immunization for at-risk populations



Challenge: Maximize Data Capture

Opportunity / Address under-connectivity and under-reporting to improve the amount of adult immunization data that providers report into Immunization Information Systems (IIS). Looking to current state best practices and weaknesses in IIS policy is key to informing policy decisions

Action Steps /



Support strong clinician reporting requirements by advocating with local immunization coalitions for state laws and regulations that mandate all provider types report immunization records into IIS for all patient ages



Increase the number of providers reporting into adult IIS by supporting state-level immunization programming for provider on-boarding targeted at adult immunizers



Challenge: Improve Data Integrity

Opportunity / Maximize use of mechanisms to ensure immunization data integrity submitted to IIS

Action Step /



Share IIS data integrity tools and standards with IIS administrators and immunization programs through local advocacy groups

Challenge: Enhance Data Use

Opportunity / Advance technological capabilities to improve IIS functionality

Action Step /



Identify advocates in regions that currently lack strong IIS infrastructure and develop an IIS advocacy and fundraising plan

Challenge: Close Immunization Quality Measure Gaps

Opportunity / Support the development, testing, evaluation, and maintenance of adult vaccine measure(s) and mobilize relevant stakeholders to support adult immunization measurement-related activities

Action Step /



Develop a core set of adult immunization quality measures that address all ACIP-recommended vaccines for adults as well as measures that reflect provider assessment of a patient’s immunization status

NQF-Identified Adult Immunization Measure Gaps /

General	Special Populations	Specific Age Bands
<ul style="list-style-type: none"> Immunization with other preventive care services as recommended by age and gender* 	<ul style="list-style-type: none"> Pregnancy* Diabetes* Kidney failure / ESRD* Chronic liver disease* Healthcare personnel* 	<ul style="list-style-type: none"> HPV “catch-up” Td/Tdap Zoster (60-64) Zoster (65+)

*Prioritized for composite measure development

ACIP: Advisory Committee on Immunization Practices; ESRD: End Stage Renal Disease

1. National Quality Forum. Prioritizing Measure Gaps: Adult Immunization.

http://www.qualityforum.org/Prioritizing_Measure_Gaps_-_Adult_Immunization.aspx.



Challenge: Advance Immunization Quality Measurement and Improvement

Opportunity / Educate providers participating in federal quality reporting and payment programs about opportunities and benefits of reporting on immunization quality measures

Action Step /



Develop a coordinated, multi-stakeholder approach to educate providers on reporting options for the Medicare QPP, highlighting opportunities for clinicians to report on adult immunization quality measures under MIPS

FY 2018 Medicare Quality Payment Program Under MIPS /

MIPS-Supported Immunization Measures	Immunization Measures in QCDRs
<ul style="list-style-type: none">• Childhood Immunization Status• Immunizations for Adolescents• Pneumococcal Vaccination Status for Older Adults• Influenza Immunization	<ul style="list-style-type: none">• Zoster Vaccination in the Elderly Population (2)• Tdap Vaccination• Pneumococcal Vaccination in High Risk Populations

Challenge: Advance Model QI Activities to Support Adult Immunization

Opportunity / Identify opportunities at the federal, state, and local levels, as well as across a range of care settings to test, evaluate, and refine innovative adult immunization QI strategies; and develop strategies to implement or expand successful adult immunization QI programs

Action Step /



Collaborate with accreditation bodies to develop or strengthen existing requirements for accreditation programs for health plans, providers, and healthcare organizations, that incorporate quality and performance activities emphasizing adult immunization

NCQA's 2017 PCMH Recognition Standards / In order to receive recognition through NCQA's PCMH program, clinicians are required to remind patients of upcoming services for at least five different services across two categories; immunization is one of the five services listed in Annual Reporting Category 3: Population Health Management

Challenge: Fill Evidence Gaps

Opportunity / Identify and fill evidence gaps on the health and economic impact of adult immunizations and translate information to ensure appropriate relevance for specific stakeholder audiences

Action Step /



Conduct studies on both the economic toll of vaccine-preventable infections on individuals and society, and the impact on patients' quality of life (e.g. pain, missed work days, interference with activities of daily living, loss of independence)



Challenge: Improve the Evidence Base to Support Immunization for At-Risk Populations

Opportunity / Promote evidence generation focused on immunizations for at-risk populations to improve the quality and prominence of population-specific recommendations; and increase the visibility and provider awareness of existing immunization guidelines for at-risk populations

Action Step /



Develop provider-specific tools and resources to implement immunization assessment into practice workflow, as well as for specific patient encounters, such as Welcome to Medicare and Medicare Annual Wellness Visits





What's Next?

Next Steps

1

Near-Term: Next Year

- Release the Vaccines and Quality Roadmap and Infographic in mid-December
- Facilitate discussion to refine strategies and leverage expertise

2

Mid-Term: Next 2 Years

- Foster ongoing dialogue and partnerships
- Encourage stakeholders to develop action plans to execute the Roadmap Goals

3

Long-Term: Next 5 Years

- Execute action plans
- Encourage stakeholders to evaluate progress and report key learnings
- Promote and engage stakeholders around the Roadmap goals



Thank You



About Us

Avalere is a vibrant community of innovative thinkers dedicated to solving the challenges of the healthcare system. We deliver a comprehensive perspective, compelling substance, and creative solutions to help you make better business decisions. As an Inovalon company, we prize insights and strategies driven by robust data to achieve meaningful results. **For more information, please contact info@avalere.com.**

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