

# Measures Implementation Update

## Quality & Performance Measures (QPM) Workgroup (WG)

May 15, 2019

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## QPM WG: Represented Organizations\*

**Federal Agencies**

- Centers for Disease Control & Prevention (CDC)\*
- Centers for Medicare and Medicaid Services (CMS)
- Department of Defense (DoD)
- Department of Veterans Affairs (VA)
- Health Resources and Services Administration (HRSA)
- Indian Health Service (IHS)
- National Vaccine Program Office (NVPO)\*

**Associations/Networks**

- Adult Vaccine Access Coalition (AVAC)
- Alliant Quality
- American Academy of Family Physicians (AAFP)
- American Association of Nurse Practitioners (AANP)
- American College of Nurse Midwives (ACNM)
- American College of Obstetricians and Gynecologists (ACOG)
- American College of Physicians (ACP)
- American Immunization Registry Association (AIRA)

- Avalere Health | An Inovalon Company
- Gerontological Society of America (GSA)
- HealthInsight Oregon
- Heartland Kidney Network
- HQI Solutions
- Immunization Action Coalition (IAC)
- Infectious Diseases Society of America (IDSA)
- Kidney Care Quality Alliance (KCQA)
- March of Dimes
- National Quality Forum (NQF)
- Pharmacy Quality Alliance (PQA)
- Qlarant
- Quality Innovation Network Quality Improvement Organization (QIN-QIO)
- Renal Physicians Association
- Telligen, the Quality Improvement Organization for Illinois / Quality Innovation Network National Coordinating Center (QIN-NCC)
- The Joint Commission

**Academia**

- Drexel University Dornsife School of Public Health
- Johns Hopkins Bloomberg School of Public Health (JHBSPH)

- University of Arkansas for Medical Science (UAMS)
- University of California, San Diego (UCSD)
- University of Kansas Medical Center (UKMC)
- University of Notre Dame

**Local/State Health Departments**

- California Department of Public Health
- District of Columbia Department of Health
- Louisiana Department of Health
- Minnesota Department of Health
- New York City Department of Health and Mental Hygiene
- Northwest Portland Area Indian Health Board

**Corporations**

- GlaxoSmithKline
- Merck & co
- Pfizer
- Publix
- Sanofi Pasteur
- Seqirus
- United Healthcare

\*Co-Chairs



## Charge\*

To identify gaps in quality and performance improvement measures for adult immunizations, work with *partners* to ***encourage*** the development of appropriate adult immunization performance measures, and ***promote*** the use of such adult immunization measures to ***increase the overall rates of adult immunization.***

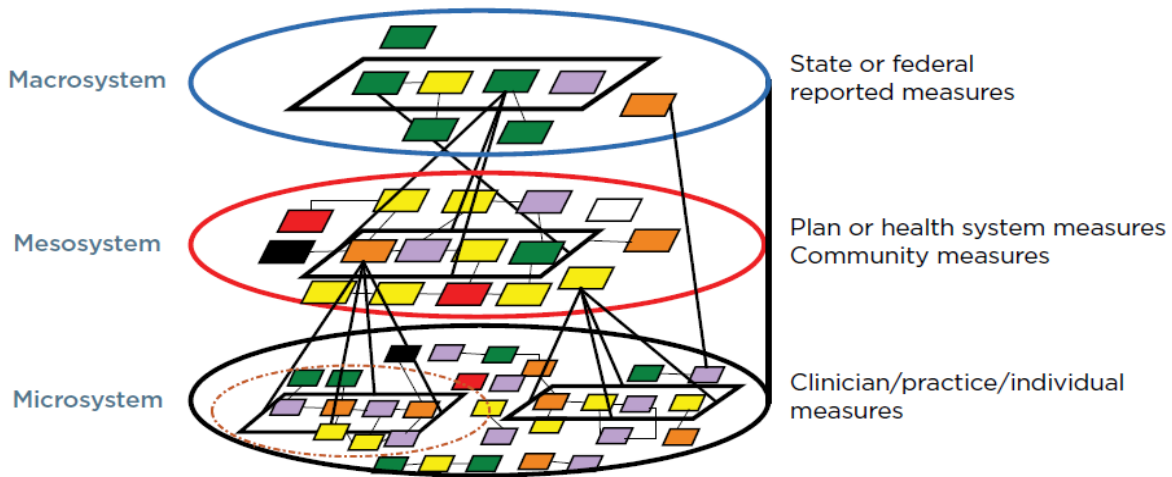
\*NAIIS QPM WG webpage: <https://www.izsummitpartners.org/naiis-workgroups/quality-and-performance-measures/>



## OVERVIEW



EXHIBIT 3. SYSTEMS VIEW OF MEASUREMENT<sup>a</sup>



a Applegate, M. Ohio Department of Medicaid. MAP Medicaid Joint Adult and Child In-Person Meeting. May 24, 2017. Washington, DC.

Source: [NQF Report – Strengthening the Core Set of Healthcare Quality Measures for Adults Enrolled in Medicaid, 2017](#)



## Major Quality Activities

Evidence Development	Guideline Development	Measure Development*	Measure Endorsement	Measure Implementation
Develop evidence base for effective treatment	Develop guidelines for practitioners based on evidence	Develop performance measures based on guidelines	Ensure measures are evidence-based, scientifically sound, feasible	Use measures to improve quality

Example orgs.:

Researchers

Advisory Committee on Immunization Practices & others

National Committee for Quality Assurance, Specialty societies

National Quality Forum

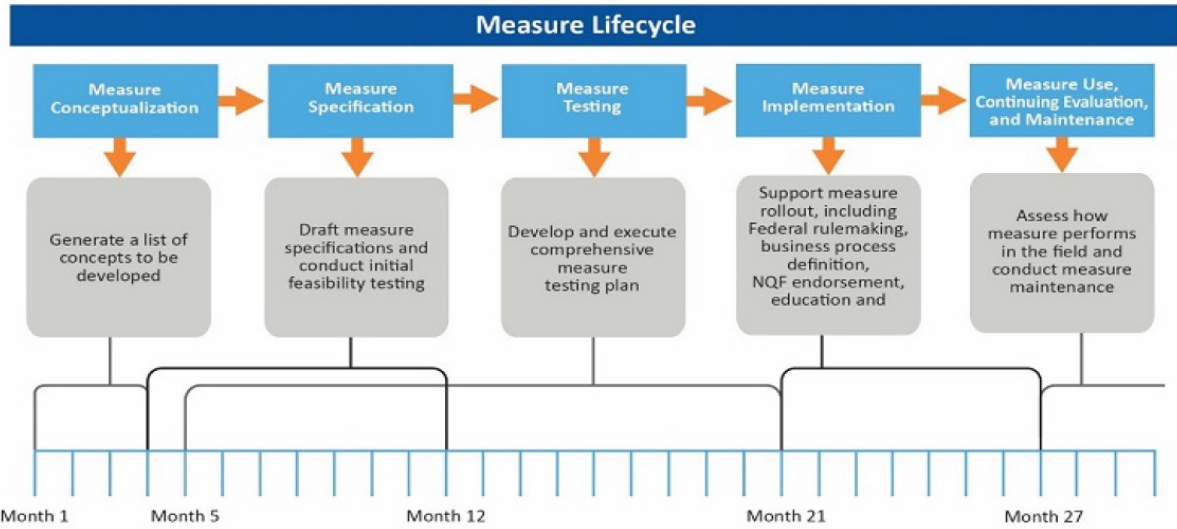
Centers for Medicare & Medicaid Services, Clinical Registries, states & others

- \* Quality measures can be effective tools to compare and monitor health plan performance
- \* Need to balance desirable attributes of importance, scientific acceptability & feasibility
- \* Leveraging health information technology is key

Source: [2018 NAIIS OPM WG Presentation](#)



# Quality Measure Timeline



Source: adapted from the [CMS Quality Measure Development and Management Overview](#)



# WG ACTIVITIES



## Accomplishments

- **National Immunization Conference (NIC), May 15-17, 2018**
  - Opportunities in Immunization Quality Measurement: Prenatal and Adult Composite Measures
  - A Fireside Chat About Quality Measurement in Prevention: Levers in the Health Care Delivery System
- **NAIIS QPM WG, May 18, 2018**
  - Summary of WG activities and significant milestones since 2012\*
  - Status updates of Adult & Prenatal composite measures
- **Learn more**
  - [NAIIS QPM WG Homepage](#)

\*Refer to the next slide



## QPM WG Strategy

- **Action 1: Identifying Gaps in Adult Immunization Performance Measurement**
- **Action 2: Pilot Testing in a Federal Health Care System: The Indian Health Service Experience**
- **Action 3: Invest in the Testing and Development of Composite Immunization Measures for Adults**
- **Action 4: Incentivize Vaccination through Adoption of Evidence-Based Measures**

**Source:** Shen et al., A pathway to developing and testing quality measures aimed at improving adult vaccination rates in the United States. February 2019. Available at <https://www.sciencedirect.com/science/article/pii/S0264410X19301203?via%3Dihub>



## Measure Description

### Prenatal Immunization Status (PRS)

Percentage of deliveries in which women had received influenza and tetanus, diphtheria toxoids and acellular pertussis (Tdap) vaccinations.

### Adult Immunization Status (AIS)

Percentage of members 19 and older who are up-to-date on recommended routine vaccines for influenza, tetanus and diphtheria (Td) or tetanus, diphtheria and acellular pertussis (Tdap), zoster and pneumococcal.



## Composite Measure Statuses

- Both PRS and AIS measures are included in [Healthcare Effectiveness Data and Information Set \(HEDIS®\) 2019](#) as first-year measures for voluntary health plan reporting<sup>1</sup>
- **Medicare:** CMS<sup>2</sup> has considered the Adult composite measure (MUC18-62) for the Medicare Shared Savings Program (MSSP) and Merit-Based Incentive Payment System (MIPS) Program
- **Medicaid:**<sup>3</sup>
  - Addition
    - Two Medicaid WG members suggested the addition of the AIS measure
    - Four Medicaid WG members suggested the addition of the PRS measure
  - Removal
    - Three Medicaid WG members suggested the removal of the *Flu Vaccinations for Adults Ages 18 to 64 (FVA-AD)*, which is a survey-based measure

<sup>1</sup> [2018 NAIIS QPM WG Presentation](#)

<sup>2</sup> [CMS Measures Inventory](#)

<sup>3</sup> [Annual Review of the Child and Adult Core Sets of Quality Measures for Medicaid and CHIP](#)



Measure Name	NQF #	Measure Steward
<b>Primary Care Access and Preventive Care</b>		
Flu Vaccinations for Adults Age 65 and Older	0039	NCQA
Influenza Immunization	0041	PCPI
Adult Immunization Status	NA	NCQA
Prenatal Immunization Status	NA	NCQA
Colorectal Cancer Screening	0034	NCQA
Preventive Care and Screening: Body Mass Index Screening and Follow-Up Plan	0421	CMS
Follow-up with Patient Family After Developmental Screening	NA	PMCoE
HIV Screening	NA	CDC
Lead Screening in Children	NA	NCQA
<b>Maternal and Perinatal Health</b>		
Exclusive Breast Milk Feeding During the Newborn's Entire Hospitalization	0480	TJC
Prenatal Depression Screening and Follow-Up	NA	NCQA
Postpartum Depression Screening and Follow-up	NA	NCQA
<b>Behavioral Health Care</b>		
Tobacco Use: Screening and Cessation Intervention	0028	PCPI
Preventive Care and Screening: Unhealthy Alcohol Use: Screening and Brief Counseling	2152	PCPI
Metabolic Monitoring for Children and Adolescents on Antipsychotic Medications	2800	NCQA
Use of Opioids from Multiple Providers in Persons Without Cancer	2950	PQA
Continuity of Pharmacotherapy for Opioid Use Disorder	3175	USC, HEDIS
Use of Pharmacotherapy for Opioid Use Disorder	3400	CMS
Follow-Up after High-Intensity Care for Substance Use Disorder	NA	NCQA
Query of Prescription Drug Monitoring Program	NA	CMS

\*Source: [Annual Review of the Child and Adult Core Sets of Quality Measures for Medicaid and CHIP, April 28, 2019](#)



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## 2020 Child and Adult Core Set Annual Review (Medicaid WG): Recommendations

- 79% (22) recommended NOT TO ADD the ***Influenza Immunization measure***
- 71% (20) recommended NOT TO ADD the ***Flu Vaccinations for Adults Ages 65 and Older measure***
- 61% (17) recommended the ADDITION of the ***Prenatal Immunization Status (PRS) measure***
- 61% (17) recommended the REMOVAL of the ***Flu Vaccinations for Adults Ages 18 to 64 (FVA-AD) measure***
- 54% (15) recommended the ADDITION of the ***Adult Immunization Status (AIS) measure***



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## Medicaid WG: Next Steps



\*Source: [Annual Review of the Child and Adult Core Sets of Quality Measures for Medicaid and CHIP, May 7, 2019](#)



## Discussion

- **Reflecting on the WG activities thus far...**
  1. Are the NQF Priorities in 2014 still relevant today, especially in terms of clinical practices that can be promoted through relevant measures?
  2. Have we missed other measure-reporting channels that can lead to provider incentives and/or promote the use of ACIP-recommended routine immunizations?
  3. Do you have a success story to share where the use of quality measures have increased the uptake of adult (including prenatal) immunization? At what level of reporting (i.e. facility, provider, health plan, state, etc.)
  4. Are there recommended actions and/or issues that this WG should address and/or work towards in the coming year?



## Upcoming Events

- **Next QPM WG Meeting, August 21, Virtual**
  - Interested in joining? Email: [Alice.Tsai@hhs.gov](mailto:Alice.Tsai@hhs.gov)
- **National Vaccine Advisory Committee (NVAC), June 4-5, Washington D.C.**
  - Learn more: <https://www.hhs.gov/nvpo/nvac/meetings/2019/06-04/index.html>
- **Advisory Committee on Immunization Practices (ACIP), June 26-27, Atlanta, GA**
  - Learn more: <https://www.cdc.gov/vaccines/acip/meetings/index.html>



## Tools & Resources

### NAIIS

- **NAIIS QPM WG meeting materials:** <https://www.izsummitpartners.org/naiis-workgroups/quality-and-performance-measures/>
- **NAIIS Materials:** <https://www.izsummitpartners.org/>

### Medicaid

- **Annual Core Set Review:** <https://www.mathematica-mpr.com/MACCoreSetReview>
- **Child Core Set:** <https://www.medicaid.gov/medicaid/quality-of-care/performance-measurement/child-core-set/index.html>
- **Adult Core Set:** <https://www.medicaid.gov/medicaid/quality-of-care/performance-measurement/adult-core-set/index.html>



## Tools & Resources (cont'd)

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### CMS

- **Meaningful Measures Initiative**: an agency-wide initiative that aims to align, assess, and evaluate current measure sets toward higher value measures such as outcome measures across CMS programs while reduce burden of reporting from clinicians, providers, registries, EHR vendors, and other federal stakeholders.
- **Electronic Clinical Quality Improvement (eCQI) Resource Center**: a resource site that dedicated to all topics surrounding eCQMs (electronic clinical quality measures)
- **Mapping Medicare Disparities**: an interactive population-based and hospital-based mapping tool that is sourced from Medicare claims data and included Preventive Services measures for the following immunization-related Condition/Service: Hepatitis B Vaccine, Influenza Virus Vaccine, and Pneumococcal Vaccine
- **Medicare's Blue Button 2.0**: contains four years of Medicare Part A, B and D data for 53 million Medicare beneficiaries; the aim of this platform is to enable patient access and sharing of healthcare information, previous prescriptions, treatments, and procedures with a new provider in preventing duplication of care and ensuring continuity of care.



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## Thank you for your attention and support!

### Questions/Suggestions?

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# BACK-UP



## Federal Quality Improvement Programs

Hospital Quality	Physician Quality	PAC Quality	Payment Models	Population Health
<ul style="list-style-type: none"> <li>• Meaningful use EHR incentive</li> <li>• Inpatient quality reporting</li> <li>• Outpatient quality reporting</li> <li>• Ambulatory surgical centers</li> <li>• Readmission reduction program</li> <li>• HAC payment reduction program</li> <li>• PPS-exempt cancer hospitals</li> <li>• Inpatient psychiatric facilities</li> </ul>	<ul style="list-style-type: none"> <li>▪ Merit-based Incentive Payment (MIPS)</li> <li>▪ Maintenance of certification</li> </ul>	<ul style="list-style-type: none"> <li>▪ Inpatient rehabilitation facility</li> <li>▪ Nursing Home Compare measures</li> <li>▪ LTCH quality reporting</li> <li>▪ Hospice quality reporting</li> <li>▪ Home health quality reporting</li> </ul>	<ul style="list-style-type: none"> <li>▪ Medicare Shared Savings Program (ACOs)</li> <li>▪ Hospital value-based purchasing</li> <li>▪ Physician Feedback</li> <li>▪ ESRD QIP</li> <li>▪ Innovations Pilots</li> </ul>	<ul style="list-style-type: none"> <li>▪ Medicare Part C</li> <li>▪ Medicare Part D</li> <li>▪ Medicaid Adult Core Measures</li> <li>▪ Medicaid Child Core Measures</li> <li>▪ Health Insurance Exchange Quality Reporting System (QRS)</li> </ul>

## NQF Priorities for Measure Development

1. HPV catch-up for ages 19-26
2. Tdap/Pertussis vaccine for ages 19-59
3. Zoster vaccine for ages 60-64
4. Zoster vaccine for ages 65+
5. Composite with other preventative services
6. Composite—Tdap and flu for pregnant women
7. Composite—Influenza, pneumococcal, Hepatitis B in diabetes
8. Composite—Influenza, pneumococcal, Hepatitis B in ESRD
9. Composite—Hep A and B in chronic liver disease
10. Composite of all ACIP vaccines for healthcare workers

**Source:** National Quality Forum. Priority Setting for Healthcare Performance Measurement: Addressing Performance Measure Gaps for Adult Immunizations. August 2014. Available at [http://www.qualityforum.org/Prioritizing\\_Measure\\_Gaps\\_-\\_Adult\\_Immunization.aspx](http://www.qualityforum.org/Prioritizing_Measure_Gaps_-_Adult_Immunization.aspx)



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## Rationale for Composite Measure

- Provides a broad perspective on the system of vaccination at a facility
  - Rather than a campaign to increase coverage with one vaccine, encourages a systematic approach for all vaccines
- Multiple measures make it challenging to implement broad-based immunization quality improvement activities
- “Composite measures can enhance measurement to extend beyond tracking performance on separate measures and can provide a potentially deeper view of the reliability of the care system”

*Institute of Medicine, Performance Measurement: Accelerating Improvement, Washington, DC: National Academies Press; 2006*



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## Adult & Prenatal Immunization Composite Measures

- Included in [Healthcare Effectiveness Data and Information Set \(HEDIS®\) 2019](#) as first-year measures for voluntary health plan reporting:
  - **Adult Immunization Status (AIS):** percentage of members 19 and older who are up-to-date on recommended routine vaccines for influenza, tetanus and diphtheria (Td) or tetanus, diphtheria and acellular pertussis (Tdap), zoster and pneumococcal.
  - **Prenatal Immunization Status (PRS):** percentage of deliveries in which women had received influenza and tetanus, diphtheria toxoids and acellular pertussis (Tdap) vaccinations.
- Measure specifications can be found in the HEDIS 2019 Volume 2 Technical Specifications for Health Plans at: <https://www.ncqa.org/wp-content/uploads/2018/10/HEDIS-2019-Volume-2-Technical-Update.pdf>



## Medicare: Adult Composite Measure



- On Jan 22-23, 2019, the [MAP Coordinating Committee](#) reviewed and recommended measures for Medicare programs
  - **MAP Final Recommendations:**  
<http://www.qualityforum.org/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=89244>
- Adult composite measure has received “**Conditional Support**” as part of the [federal rulemaking process](#) for use in the [Medicare Shared Savings Program \(MSSP\)](#), which promotes accountability for services delivered by [Accountable Care Organizations \(ACOs\)](#)

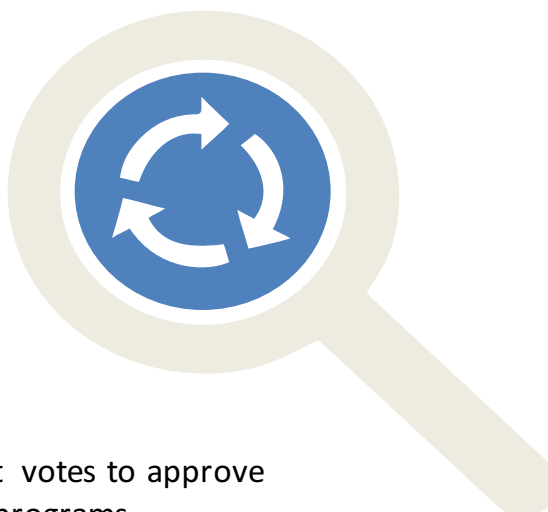
## Medicaid: Adult & Prenatal Composite Measures

- Reporting:
  - Measures for voluntary use by Medicaid and CHIP programs
  - Statutory changes to states' reporting of quality measures **from voluntary to mandatory for [Child Core Set](#) ([learn more](#)) and the Behavioral Health Care component of the [Adult Core Set](#) ([learn more](#)) by 2024**
- Immunization measures that are in the 2019 Core Set:
  - Child Core Set
    - Immunizations for Adolescents (IMA-CH)
    - Childhood Immunization Status (CIS-CH)
  - Adult Core Set
    - Flu Vaccinations for Adults Ages 18 to 64 (FVA-AD)

## HEDIS First-Year Analysis Process Overview

•All new HEDIS measures are collected but not publicly reported for at least one reporting cycle

- When assessing for public reporting NCQA considers:
  - Feasibility (plans have the ability to report)
  - Opportunity for improvement (performance gap)



Committee on Performance Measurement votes to approve measures for public reporting and use in programs

# Health Plan Accreditation (HPA)

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Our **flagship product**

**covers 70%** of people in HMOs, PPOs

## Health plan accreditation is

30

**STRUCTURE & PROCESS**

**50%**  
of score

**HEDIS**

Performance Measures  
(Clinical)

**50%**  
of score



**CAHPS 4.0H**

(Patient Experience)

**Performance-based accreditation**



# Adding HEDIS Measures to Health Plan Accreditation

NCQA annual review of measures in Health Plan Accreditation

