Quality Measurement

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Agenda
Context and Background
Measures Development and Use
Case Study: *The Story of the Summit and the Adult &
Prenatal Immunization Status Measures: How it started,
why, and what you need to know?*

Let’s take questions along the way…please ask and engage with us
Context and Background

National Committee for Quality Assurance

**OUR MISSION**

*To improve the quality of health care*

**OUR METHOD**

- **Measurement**
  - We can't improve what we don't measure

- **Transparency**
  - We use and publicly report measure results

- **Accountability**
  - Once we measure, we can expect and track progress
# HEDIS®

*Healthcare Effectiveness Data and Information Set*

*Tool used by over 90 percent of America’s health plans*

*Allows for comparison of health plans across important dimensions of care*

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preventive care</td>
<td>Adult Immunization Status</td>
</tr>
<tr>
<td>Chronic disease</td>
<td>Diabetes Care</td>
</tr>
<tr>
<td>Behavioral health</td>
<td>Metabolic Monitoring for Children and Adolescents on Antipsychotics</td>
</tr>
<tr>
<td>Care coordination</td>
<td>Transitions of Care</td>
</tr>
</tbody>
</table>

## Quality Landscape

<table>
<thead>
<tr>
<th>Evidence Development</th>
<th>Guideline Development</th>
<th>Measure Development</th>
<th>Measure Endorsement</th>
<th>Measure Implementers</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is good care?</td>
<td>How can we bring about good care?</td>
<td>How do we assess good care?</td>
<td>Are these good measures?</td>
<td>What do the measures tell us?</td>
</tr>
<tr>
<td>Researchers</td>
<td>US Preventive Services Task Force</td>
<td>NCQA The Joint Commission</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Clinician and other Societies</td>
<td>Centers for Medicare &amp;</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Medicaid Services</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Clinician and other</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Societies</td>
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</tr>
</tbody>
</table>

Major Quality Measure Programs

**States**
- Medicaid Core Set†

**Health Plans**
- HEDIS, Health Plan Ratings
- Medicare Advantage Star Rating Program†

**Health Plans**
- Quality Rating System†

**Clinicians**
- Merit-Based Incentive Payment System†

**Hospitals/Facilities**
- Hospital Compare†

**Hospitals/Facilities**
- Leapfrog Hospital Ratings

**Provider Organizations**

† Centers for Medicare & Medicaid Services (CMS) Program

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Measures Development

*and Use*
Expectations for Accountable Entities

- **Infrastructure** to deliver high-quality care
- **Data exchange** to support care management and quality monitoring
- **Provide or link** patients to **needed services**
- **Increase desired outcomes** consistent with **evidence**

**High Quality, High Value Care**

*Standards and quality measures* are urgently needed to guide value-based payment models to support high-quality care that is equitable and coordinated.

Desirable Attributes for Measures

*Measures must balance several criteria*

**Relevance**
- Meaningful to stakeholders
- Important to enhanced health
- Financial importance
- Potential for improvement
- Substantial variation

**Scientific Soundness**
- Evidence-based
- Valid
- Reliable

**Feasibility**
- Precisely specified
- Data available
- Reasonable collection effort
- Can be audited
### Prenatal Immunization Status

**Example**

#### Advisory Committee on Immunization Practices

*Routine Vaccinations for Pregnant Individuals*

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza (inactivated)</td>
<td>Recommended</td>
</tr>
<tr>
<td>Influenza (LAIV)</td>
<td>Contraindicated</td>
</tr>
<tr>
<td>Tetanus, Diphtheria, and Pertussis</td>
<td>Recommended</td>
</tr>
<tr>
<td>Tetanus and Diphtheria</td>
<td>Use if otherwise indicated (Tdap preferred)</td>
</tr>
</tbody>
</table>

Currently available data suggest that vaccinating earlier in the 27- through 36-week period will maximize passive antibody transfer to the infant.

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**Prenatal Immunization Status**

**Example**

- **Numerator**
  - What is the “thing” to be measured?

- **Denominator**
  - Who are the people to be measured?

\[
\text{Numerator} \div \text{Denominator} = \text{Rate}
\]

**Questions & Considerations**

- When should vaccination occur?
- What about prior vaccination history?
- Will the health plan have access to vaccination information?
Challenges to Measuring What Matters

- Complex payment streams with disparate reporting requirements
- Lack of alignment in what is being measured across the delivery system
- Needs and levers for improving quality differ by stakeholder
- Large-scale incentives needed to improve data infrastructure and exchange

Measurement Framework* to Promote Alignment


- Set priorities and direct resources through regulations and financial support
- Manage delivery of evidence-based care
- Provide evidence-based treatment and services to support whole-person care
- Connect the dots across the delivery system

Federal and State Level

Managed Care Level

Facility/Clinician Level
The Summit & Quality Performance Measure Development

Case Study: Adult & Prenatal Immunization Status

Prioritizing Measure Gaps for Adults

Project sought to identify critical areas for performance measurement to optimize vaccination rates and outcomes across adult populations…

in specific age groups and subpopulations including young adults, pregnant women, adults, the elderly, people with chronic disease, and healthcare workers.

…ten measure gap priorities
…short-term and long-term priorities
…recommendations for measurement (accuracy and efficiency, and measuring that which is most meaningful)

https://www.qualityforum.org/ProjectDescription.aspx?projectID=73277

This Photo by Unknown Author is licensed under CC BY-NC-ND
Vaccination Coverage of Adults

*Routinely recommended adult vaccinations are well below 70%*

![Graph showing vaccination coverage over years]

**NAIIS: Quality Performance Measure Working Group**

*A timeline of partnership-driven activities*


Adult Immunization Status

Measure description

Members 18 years of age and older who are up-to-date on recommended routine vaccines:
• Influenza
• Td or Tdap
• Herpes zoster
• Pneumococcal

Plan Types
Commercial
Medicaid
Medicare

Reporting Method
Electronic Clinical Data Systems

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza</td>
<td>Influenza vaccine received between July 1 of year prior to June 30 of measurement period.</td>
</tr>
<tr>
<td>Td/Tdap</td>
<td>Td or Tdap vaccine within the past 10 years.</td>
</tr>
<tr>
<td>Zoster</td>
<td>1 dose of live herpes zoster vaccine or 2 doses of recombinant herpes zoster vaccine on or after 50th birthday.</td>
</tr>
<tr>
<td>Pneumococcal</td>
<td>Polysaccharide AND conjugate vaccine ≥ 12 months apart on or after age 60</td>
</tr>
</tbody>
</table>
Prenatal Immunization Status

Percentage of deliveries during the measurement period in which the birthing individual received the following vaccinations:
- Influenza vaccine
- Tdap vaccine

Plan Types
Commercial
Medicaid

Reporting Method
Electronic Clinical Data Systems

In short: measure, monitor, manage, improve

Focus on systems through the composite

Why? quality measures (evidence-based strategy to improve coverage) used for monitoring for performance in key activities, allows for comparison across health plans, with aim towards better patient care and lower cost

Where? HEDIS® measures used for private, Medicare and Medicaid plans
Previously, only influenza and pneumococcal measures for adults

New adult vaccine HEDIS quality measures in 2019 (provisional) 2020 (required)
- Adult measure
- Prenatal measure
Take Away

*Triple Aim: Affordable Care, Better Care, Healthy People & Communities (4th – Clinical Experience)*

What is the Medicaid Core Set?

- The **Core Sets** help CMS and states assess the access to and quality of health care being provided to **Medicaid** and CHIP beneficiaries and identify and improve understanding of the health disparities experienced by Medicaid and CHIP beneficiaries.

There are two sets: Adult and Child Core Sets

- **technical feasibility, measure desirability, financial and operational viability**
- **Adult Core Set**
  - Working Group (WG) recommended AIS to replace Flu Vaccinations for Adults Ages 18-64 (FVA-AD)
  - WG also recommended PRS measure in 2021

Light Reading and Thank You

*Quick Reads – think cliff notes version*

- [First Blog] Moving More Electrons To Optimize New Adult Composite Immunization Measures | Health Affairs

- [Follow-On Blog] Unraveling A Composite Measure To Drive Immunization Uptake In Adults: A Critical Compromise | Health Affairs

*Highlights electronic reporting of data and provides a snapshot of the NAIIS and measurement story for AIS & PRS*
SAVE THE DATE • SPRING 2024

Immunization Coalitions & Partnerships Meeting

Hosted by the Pennsylvania Immunization Coalition (PAIC)

Meet New Partners & Explore New Possibilities

Spring 2024
Come explore Philadelphia with us!

Stay Tuned - More to Come. Questions shenak@chop.edu

Thank you

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