NAIIS Quality and Performance Measures Working Group Update

2015 National Adult and Influenza Immunization Summit
May 13, 2015

Working Group Members

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Outline

- Primer on quality measures
- Priorities
- Activities
  - Updates on composite measure work by IHS
  - Updates on maternal and end-stage renal disease immunization composite measure development
- Future activities and plans

Why are measures important?

- Serve as qualitative tool
- Inform improvements to patient experience
- Inform purchaser and consumer decisions
- Element of accreditation and/or certification
- Public reporting reaching more provider segments
- Increasing payment impact (private and public)
  - Pay for reporting
  - Pay for performance
Why are measures challenging?

- Various public and private quality reporting programs are not fully integrated
- Data collection difficult due to variety of immunization administration settings
- Findings on impact of quality measurement and reporting on outcomes sometimes unclear
- Few outcomes measures available, often measuring structure or process
- Quality measurement and reporting remain administratively burdensome
- Difficult for smaller providers
- Payment impact reaching different provider segments at different times

Working Group Priorities and Activities 2014–2015
Presented at NAIIS Meeting, May 2014

1. Support and advise HHS in the mapping of adult immunization measurement processes and practices, including the pre-rulemaking and MAP (Measure Applications Partnership) process
   - WG briefed by members involved in MAP, and invited to provide input to 2013-2014 MAP process

2. Provide Summit Quality WG partners information to act on immunization quality engagement opportunities
   - WG facilitated improved interaction and communication among adult immunization and national quality organization stakeholder communities
   - WG participation by wide breadth of stakeholders ensured group consensus decisions had strong base of support
   - Several WG members recruited to participate in providing input to current NQF project to address performance measure gaps in adult immunization

3. Support and advise HHS and other stakeholders on harmonization and alignment of adult immunization measures across various public and private initiatives
   - IHS and VA project to test feasibility of implementing an adult immunization composite measure

4. Developed adult immunization dashboard to track and use to improve vaccination rates
   - HHS agencies collaborating to design and implement a dashboard for tracking of adult vaccination rates
National Quality Forum Report

Priority setting for healthcare performance measurement: Addressing performance measure gaps for adult immunizations

August 2014

NQF Adult Immunization Measurements

- HHS contract with NQF, multistakeholder committee
- Identify, prioritize measure gaps for adult immunization
- Provide recommendations on priorities for performance measurement
- Agreed on 10 measure gap priorities
### Priorities for Measure Development

#### Age-Specific Priorities
- HPV vaccination catch-up for females – ages 19-26 years and – for males – ages 19-21 years
- Tdap/pertussis-containing vaccine for ages 19+ years
- Zoster vaccination for ages 60-64 years
- Zoster vaccination for ages 65+ years (with caveats)

#### Composite Measure Priorities
- Composite including immunization with other preventive care services as recommended by age and gender
- Composite of Tdap and influenza vaccination for all pregnant women (including adolescents)
- Composite including influenza, pneumococcal, and hepatitis B vaccination measures with diabetes care processes or outcomes for individuals with diabetes
- Composite including influenza, pneumococcal, and hepatitis B vaccinations measures with care measures for individuals with kidney failure/end-stage renal disease (ESRD)
- Composite including Hepatitis A and B vaccinations for individuals with chronic liver disease
- Composite of all ACIP/CDC recommended vaccinations for healthcare personnel

### Composite Measure Priorities
- Composite including immunization with other preventive care services as recommended by age and gender
- Composite (Tdap, influenza vaccination) for pregnant women
- Composite (influenza, pneumococcal, hepatitis B vaccination) for diabetes
- Composite (influenza, pneumococcal, hepatitis B vaccinations) for end-stage renal disease (ESRD)
- Composite (hepatitis A and B vaccinations) for chronic liver disease
- Composite of all ACIP-recommended vaccinations for healthcare personnel
Composite Measures

- NQF Committee’s overarching recommendations to development of composite measures
  - Single score to help drive performance
  - Often are easier for policymakers to understand
  - Should be able to extrapolate data from each component of composite measure
  - Measure should be actionable to component level by creating a feedback loop
  - Harmonization of existing measures a crucial first step
- NQF provided priorities, but did not define measures
  - Working group identified 2 composite measures to develop

Composite Measure Teams

<table>
<thead>
<tr>
<th>Maternal Immunization</th>
<th>ESRD Immunization</th>
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</thead>
<tbody>
<tr>
<td><strong>Short-Term NQF Priority</strong></td>
<td>Identified by NQF as Priority Measurement</td>
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<tr>
<td>“2 for 1”</td>
<td>Long-term with little change in enrollment</td>
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<tr>
<td>Data source, end user</td>
<td>Data source, end user</td>
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<tr>
<td>- ACOG, AAFP</td>
<td>- CMS</td>
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<tr>
<td>- IHS</td>
<td>- Dialysis service providers</td>
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<td>- Maternal care payers</td>
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<tr>
<td><strong>Members</strong></td>
<td><strong>Members</strong></td>
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<tr>
<td>- Girma Alemu, HRSA</td>
<td>- David Kim, CDC</td>
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<td>- Carolyn Aoyama, IHS</td>
<td>- Ernest Moy*, AHRQ</td>
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<td>- Carolyn Bridges, CDC</td>
<td>- Shiree Southerland, CMS</td>
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<td>- Anita Geevarughese, NYC HD</td>
<td>- Sam Stolpe*, PQA</td>
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<td>- Cheyenne Jim, IHS</td>
<td>- Andrew Trofa, GSK</td>
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<td>- David Kim, CDC</td>
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<td>- Megan Lindley*, CDC</td>
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<td>- Len Silverstein, GSK</td>
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<td>- Sandra Sommer*, VA HD</td>
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<td>- LJ Tan*, IAC</td>
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Developing Composite Measures: IHS

- 2014
  - Developed and validated logic for an adult composite measure
  - Implemented as developmental performance measure
- 2015
  - Evaluation of usefulness of adult composite measure as a QI tool
  - Development of maternal immunization performance indicator
    - Proportion of pregnant women who received influenza, Tdap, and influenza+Tdap vaccines
    - Implementation slated for FY2016
  - Challenges
    - Identifying pregnant women
    - Identifying administration of vaccine(s) during pregnancy
    - Identifying trimester

Developing Composite Measures

- ESRD Immunization Composite Measure Team
  - Reach out to renal physicians/organizations, dialysis service providers, parts of CMS that manage quality metrics and data on dialysis facilities
  - Collect information on existing measures
  - Gauge interest in developing composite measure

- Maternal Immunization Composite Measure Team
  - Reach out to ob/gyn's/ACOG, AAFP, maternal care payers
  - Learn about existing measures
  - Gauge interest in developing composite measure
## Composite Measure Team Activities 2015–2016

<table>
<thead>
<tr>
<th>Maternal Immunization</th>
<th>ESRD Immunization</th>
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<tbody>
<tr>
<td>Identify existing measures</td>
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<tr>
<td>- Coverage</td>
<td>- Coverage</td>
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<td>- Useful/meaningful</td>
<td>- Useful/meaningful</td>
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<td>- Actionable feedback</td>
<td>- Actionable feedback</td>
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<td>Identify sources of data</td>
<td>Identify sources of data</td>
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<tr>
<td>- Completeness</td>
<td>- Completeness</td>
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<tr>
<td>- Gaps and disparities</td>
<td>- Gaps and disparities</td>
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<td>- Data access (proprietary or not)</td>
<td>- Data access (proprietary or not)</td>
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<tr>
<td>Identify end-user</td>
<td>Identify end-user</td>
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<tr>
<td>- Level: provider, practice, system</td>
<td>- Level: provider, practice, system</td>
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<tr>
<td>- Accountability</td>
<td>- Accountability</td>
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<td>Who else is working on developing composite measure?</td>
<td>Who else is working on developing composite measure?</td>
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<td>- IHS</td>
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