Quality Measurement: Closing Gaps in Immunization

National Vaccine Advisory Committee

September 20, 2016

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SESSION OVERVIEW

- I. Introduction (5 min) Dr. Angela Shen, NVPO
- II. NCQA and Immunizations: The Life Cycle of a Measure (25 min) Dr. Mary Barton, NCQA
- III. PQA: Experience in measure development and the PQA Adult Task Force (15 min) Dr. Hannah Fish, PQA
- IV. Q/A (15 min) Dr. Angela Shen, NVPO

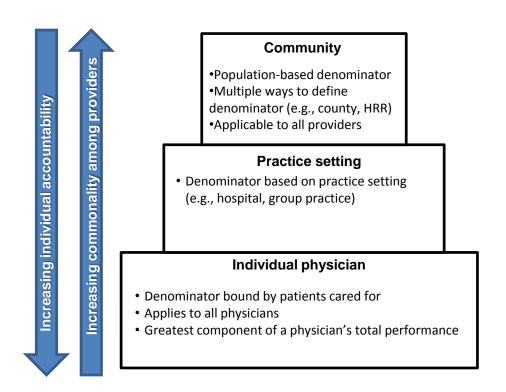


The National Quality Strategy unites efforts to improve health and health care for all Americans. The above graphic provides a high-level view of how the National Quality Strategy works to provide better, more affordable care for the person and the community.

Courtesy: Nancy Wilson, AHRQ

Text Version

QUALITY CAN BE MEASURED AND IMPROVED AT MULTIPLE LEVELS



THE NATIONAL VACCINE PROGRAM OFFICE

OVERVIEW OF NATIONAL ADULT AND INFLUENZA IMMUNIZATION SUMMIT (NAIIS)

QUALITY PERFORMANCE MEASURE WORKING GROUP



NQF - PRIORITIZING MEASURE GAPS: ADULT IZ

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

NAIIS QUALITY METRICS WORKGROUP

- Pregnancy Composite Subgroup
 - Measure consists of flu, TDaP
- ESRD Composite Subgroup
 - Measure consists of flu, pneumo, Hep B
- Adult Composite Subgroup
 - Successful adult measure developed by IHS (Tdap, pneumo, herpes zoster) + influenza

BEYOND INFLUENZA AND PNEUMOCOCCAL; THE IHS PILOT

- The adult immunization schedule has grown more complex with the recent introduction of several new vaccines
- 2012 National Adult Influenza and Immunization Summit recommended a study to assess the feasibility of implementing adult immunization composite measures to include all recommended adult vaccines
- The IHS and VA worked together to develop Phase I of the Adult Immunization Composite Measure project; IHS to continue to Phase II to evaluate the measure under real-world conditions

WHY A 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

VACCINES INCLUDED

Age Group	Vaccines Included	Optional
19-59 Years	Tdap ever; Tdap <u>or</u> TD with 10 years (Tdap/Td)	Influenza
60-64	Tdap/Td; Zoster	Influenza
65 and older	Tdap/Td; Zoster; Pneumococcal polysaccharide-32 (PPSV-23) or pneumococcal conjugate (PCV-13)	Influenza

Guiding Principals:

- 1. Focus on routine, age-based vaccine recommendations
- 2. Keep it simple

MANY THANKS

- Hannah Fish, PQA
- Lauren Lemieux, ACOG
- Sam Stolpe, STC
- Sharon Sprenger, Joint Commission
- National Adult and Influenza Immunization Summit and the Quality and Performance Measures Working Group

- Amy Groom, IHS
- Tom Wisner, IHS
- Ernie Moy, AHRQ
- Nancy Wilson, AHRQ
- Michael Daley, NVPO
- Jeff Kelman, CMS

EXTRA SLIDES



NATIONAL QUALITY FORUM (NQF)

The NQF is a nonprofit organization that operates under a three-part mission to improve the quality of American healthcare by:

- Setting national priorities and goals for quality improvement
- Endorsing national standards for measuring and reporting
- Promoting the attainment of national goals through education and outreach

IZ METRICS IN FEDERAL PROGRAMS

Measure	#	Programs	
Influenza	10	Hospital Inpatient Quality Reporting; Inpatient Rehabilitation Facility; Nursing Home Compare Measures; LTCH Quality Reporting; Home Health Quality Reporting; Medicare Shared Savings Program; Medicaid Adult Core; Health Insurance Marketplaces; Medicare Part C; ESRD QIP	
Flu—Healthcare Professionals	5	Hospital Inpatient Quality Reporting; Outpatient Quality Reporting; Ambulatory Surgical Center Quality Reporting; Inpatient Rehabilitation Facility; LTCH Quality Reporting	
Pneumococcal	5	Hospital Inpatient Quality Reporting; PQRS; Nursing Home Compare Measures; Home Health Quality Reporting; Medicare Shared Savings Program	
Adolescent IZ Status	2	PQRS; Medicaid CHIPRA	
Childhood IZ Status	2	PQRS; Medicaid CHIPRA	
HPV in females	2	Medicaid CHIPRA; Health Insurance Marketplaces	
Influenza Screening	2	PQRS; Home Health Quality Reporting	
Hepititus A	1	PQRS	
Pneumococcal Screening	1	Home Health Quality Reporting	
Registry Submission Capability	1	Medicare and Medicaid EHR Incentive: Meaningful Use Stage 2 Core	

COMPREHENSIVE OVERVIEW OF CMS QUALITY PROGRAMS

Hospital Quality

- Meaningful use EHR incentive
- Inpatient quality reporting
- Outpatient quality reporting
- Ambulatory surgical centers
- Readmission reduction program
- HAC payment reduction program
- PPS-exempt cancer hospitals
- Inpatient psychiatric facilities

Physician Quality

- Meaningful use EHR incentive
- Physician Quality Reporting System (PQRS)
- Value-based Payment Modifier (VM)
- Maintenance of certification

PAC Quality

- Inpatient rehabilitation facility
- Nursing Home Compare measures
- LTCH quality reporting
- Hospice quality reporting
- Home health quality reporting

Payment Models

- Medicare Shared Savings Program (ACOs)
- Hospital valuebased purchasing
- Physician Feedback
- ESRD QIP
- Innovations Pilots

Population Health

- Medicare Part C
- Medicare Part D
- Medicaid Adult
 Core Measures
- Medicaid Child Core Measures
- Health Insurance Exchange Quality Reporting System (QRS)

TF

CE

NCQA and Performance Measurement

Sepheen Byron, Assistant Vice President, Performance Measurement Mary Barton, Vice President, Performance Measurement

National Vaccine Advisory Committee September 20, 2016

National Committee for Quality Assurance

Mission

To improve the quality of health care.

Vision

To transform health care through quality measurement, transparency, and accountability.



Defining Quality

The degree to which health services for individuals and populations increase the likelihood of desired health outcomes and are consistent with current professional knowledge.

Institute of Medicine, 1990



Major Quality Activities & Organizations

EVIDENCE DEVELOPMENT	GUIDELINE DEVELOPMENT	MEASURE DEVELOPMENT	MEASURE ENDORSEMENT	IMPLEMENTERS
Develop the evidence base for what is effective treatment	Develop guidelines for practitioners based on evidence	Develop performance measures of adherence to guidelines	Provide assurance that performance measures are evidence-based, methodolo- gically sound	Use measures to improve quality
Researchers	U.S. Preventive Services Task Force Advisory Committee on Immunization Practices Physician specialty organizations Voluntary health organizations e.g., American Cancer	Federal Agencies e.g., CMS, Health Resources and Services Administration NCQA	National Quality Forum	CMS NCQA The Joint Commission



Measurement, Transparency, Accountability

Quality measurement means

- Use of objective measures based on evidence
- Results that are comparable across organizations
- Impartial evaluation and audit
- Public Reporting



NCQA's measures used in programs

- Accreditation of health plans
- Provider groups, ACOs, Marketplaces
- Physician recognition
- State report cards





NCQA Health Plan Accreditation: BASED ON PERFORMANCE

Clinical Performance HEDIS + Patient Experience CAHPS

= 50%

Health Plan Systems

Structures and processes critical to accountable health care delivery:

Quality Improvement, Utilization Management, Credentialing,

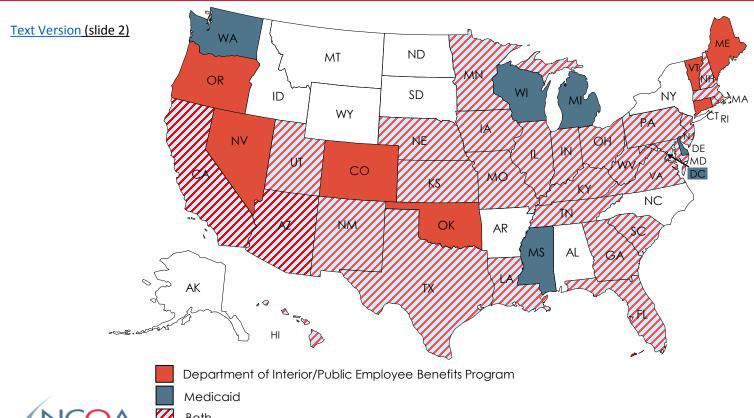
Member Rights & Responsibilities

= 50%

NCQA Accreditation is the only health plan accreditation that requires reporting on clinical performance and audits results



41 States Require or Use NCQA Health Plan Accreditation (May 2016)





Performance Measures & Measure Development at NCQA

Desirable Attributes of Measures

Relevance

- Meaningful to all key stakeholders
- Important to enhanced health
- Financial impact of improvement
- Controllable
- Potential for improvement

Scientific Soundness

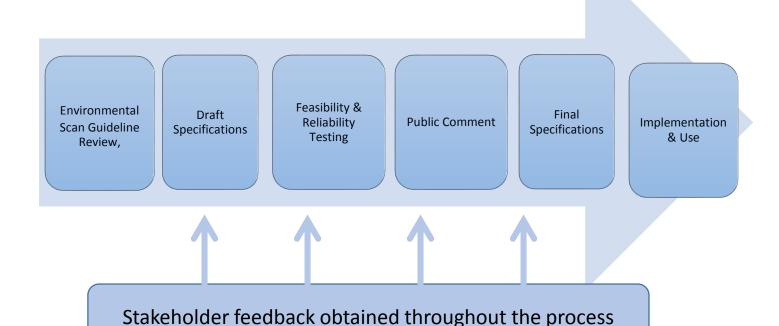
- Adherence to the evidence base
- Process or structural measures are linked to outcomes
- Validity, reliability

Feasibility

- Precisely specified
- Needed data available and reasonable cost to collect
- Auditable

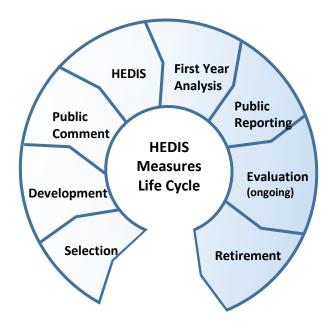


Measures Development Process





HEDIS Lifecycle





HEDIS Immunization Measures

- Childhood Immunization Status (by age 2)
 - DPT, polio, MMR etc.
- Immunizations for Adolescents (by age 13)
 - -Meningococcal, Tdap, HPV
- Flu Shots for Adults (age 18+)
 - -CAHPS survey
- Pneumococcal Vaccination Status for Older Adults (age 65+)
 - Health Outcomes Survey



MEETING OF THE
NATIONAL
VACCINE
ADVISORY
COMMITTEE
September 20, 2016





Pharmacy Quality Alliance

Experience in measure development and the PQA Adult Immunization Task Force

Hannah Fish, PharmD, CPHQ

Associate Director, Education & Communications

Staff Liaison for PQA Adult Immunization Task Force

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What is the Pharmacy Quality Alliance?

Pharmacy Quality Alliance's Mission Statement:

Improve the quality of medication management and use across health care settings with the goal of improving patients' health through a collaborative process to develop and implement performance measures and recognize examples of exceptional pharmacy quality.

Medicare Part D Launches PQA is established as a publicprivate partnership Medicare Stars Rating Program for Medicare Part C & D is established PQA's quality measures become part of the Medicare Stars Rating Program PQA celebrates its **10**th **year** of developing measures

- Patient Safety,
- Medication Adherence
- MTM (CMR)
- Mental Health, and
- Appropriate Use

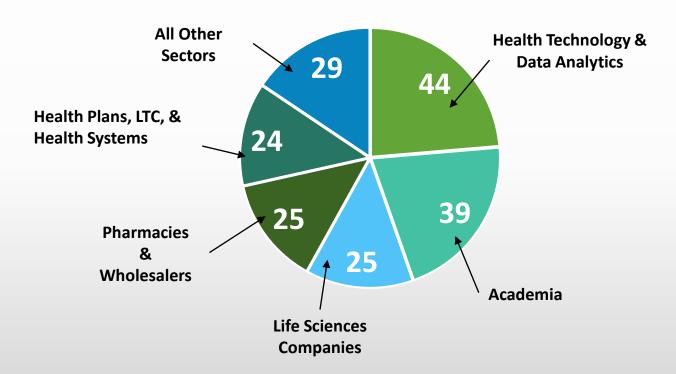
Five PQA measures are in the Medicare Part D Stars

Rating in 2016

2006 2010 2016



Multi-Stakeholder Membership



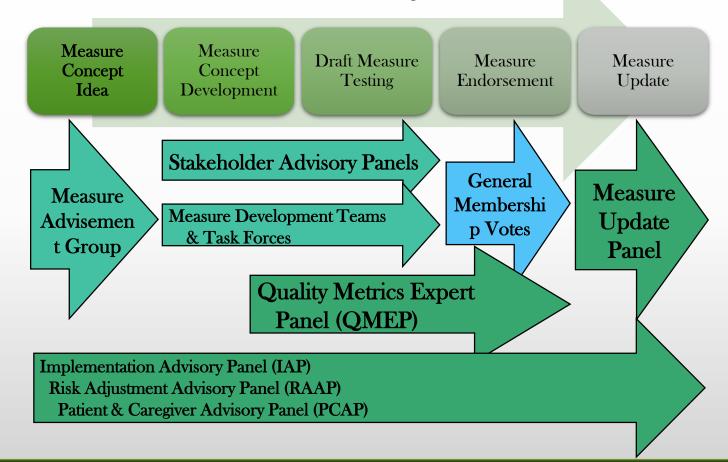


Implementation of PQA's Measures





PQA Measurement Development Process



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PQA Adult Immunization (IZ) Task Force (TF)

- First convened June 2014
 - Monthly telephonic meetings to build IZ quality metrics
 - Prioritized measures based on:
 - NVAC recommendations
 - NQF Adult IZ Committee priorities

Currently 35 members

- Community pharmacy
- Public health
- Health plans
- Tech vendors
- MTM specialists
- Pharmacy association leadership

NVAC: National Vaccine Advisory Committee

NQF: National Quality Forum



IZ TF Measure Concepts

- 1. Immunization Information System (IIS) Registry Reporting
- Assessment of Adult Immunization Status in Medication Therapy Management (MTM)



IIS Reporting Measure

- Measure description: The percentage of administered adult vaccinations that are submitted to Immunization Information Systems during the measurement period
- Will use pharmacy claims, medical claims, and IIS data
 - All immunizations; not just ACIP recommended
 - All adults 19 years of age or older
- This performance measure allows payors to determine if providers are appropriately documenting vaccinations that the payor is covering
- Current Status
 - Slated for review by PQA's Quality Metrics Expert Panel (QMEP) in fourth quarter 2016
 - Measure testing to begin, if approved by QMEP

ACIP: Advisory Committee on Immunization Practice



IZ Status Assessment in MTM

- Measure description: The percentage of adult health plan members who
 met eligibility criteria for MTM services and received an immunization
 status assessment within the eligibility period
- Will use MTM billing data and SNOMED CT coding
 - Five (5) immunizations: influenza, pneumo, TDaP, herpes zoster, hep B
 - Patients 19 and older
- This performance measure allows payors to determine if pharmacists are assessing IZ status for beneficiaries
- Current status
 - Slated for review by PQA's Quality Metrics Expert Panel (QMEP) in fourth quarter 2016
 - Measure testing to begin, if approved by QMEP
- Related measure under development to evaluate gap closure in patient's immunization histories

SNOMED CT: Systematized Nomenclature of Medicine - Clinical Terms



Immunization Task Force Next Steps

- Complete development of current measure concepts
- Soft reset and relaunch of Task Force
 - Prioritize next measure development effort
 - Kick start measure development process



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National Quality Strategy: How it Works

Stakeholder Types

- State
- Federal
- Private Sector
- Multi Stakeholder Groups

Priorities

- Six quality concerns that affects most Americans
- Patient Safety
- Peron-and Family-Centered Care
- Effective Communication and Care Coordination
- Prevention and Treatment of Laddering Causes of Mortality
- Health and Well-Being
- Affordable Care

Levels

Core business functions, resources, and/or actions that may serve as a means for achieving improved health and health care quality

- Measurement and feedback
- Public Reporting
- · Learning and Technical Assistance
- · Certification, Accreditation, and Regulators
- Consumer Incentives and Benefits Designs
- Payments
- Health Information Technology
- Innovation and Diffusion
- Workforce Development

The Three Aims

- Better Heath
- Better Care
- Lower Cost

The National Quality Strategy unites efforts to improve health and health care for al Americans.

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Courtesy: Nancy Wilson, AHRQ