



# HEDIS®

## Adult and Prenatal Immunization Measures

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# *Agenda*

**OVERVIEW OF HEDIS**

**HEDIS DATA REPORTING METHODS**

**ADULT IMMUNIZATION STATUS MEASURE**

**PRENATAL IMMUNIZATION STATUS MEASURE**

**MEASURE IMPLEMENTATION**

**Q&A**

## About NCQA

### It all starts with HEDIS®

Health care's  
most-used tool  
for improving  
performance

Allows for comparison  
of health plans across  
important dimensions  
of care and service

**H** *healthcare*

**E** *ffectiveness*

**D** *ata*

**I** *nformation*

**S** *et*

# Desirable Attributes for Measures

*To be meaningful, measures must balance several criteria*



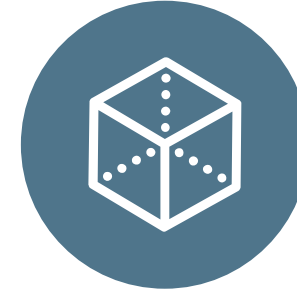
## *Relevant*

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



## *Scientifically Sound*

- Evidence-based
- Valid
- Reliable



## *Feasible*

- Precisely specified
- Data availability
- Reasonable collection effort
- Can be audited

# HEDIS Consensus Measure Development Process





# HEDIS Data Reporting Methods

# HEDIS Data Sources and Collection Methods

*Harnessing an evolving data landscape*



## **Administrative Method: Transaction Data**

*Enrollment, Claims, Encounters*



## **Hybrid Method: Administrative + Sample**

*Medical Record*



## **Survey Method**

*CAHPS®, Medicare Health Outcomes Survey*



## **Electronic Clinical Data Systems Method**

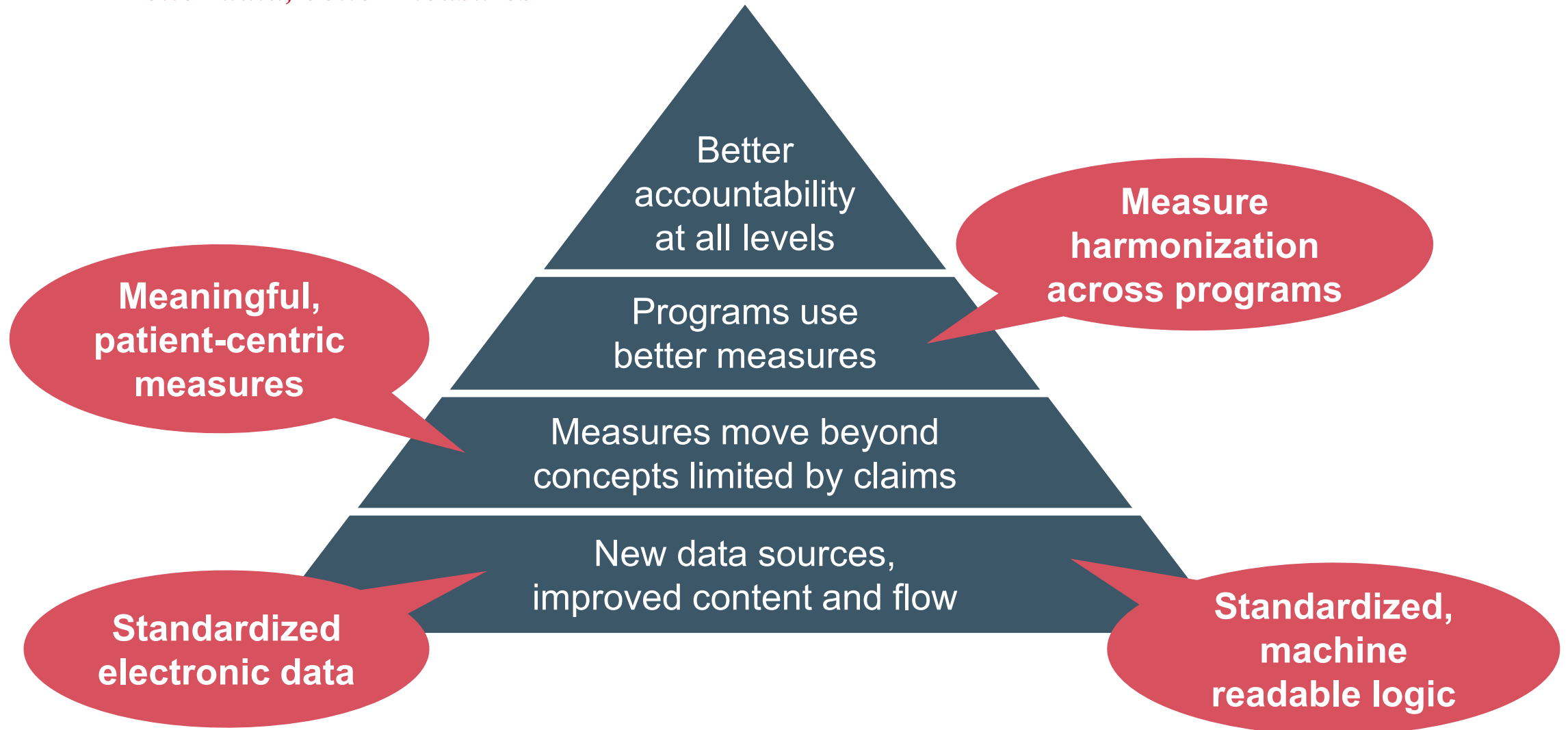
*EHRs, Registries, Case Management, Claims*

## **Supplemental Data**

*Laboratory Results,  
Registries, others*

# NCQA's Vision for Quality Measurement

*Better data, better measures*





# HEDIS Immunization Measures

	Measure Title	Data Source	Description
	<i>Childhood Immunization Services</i>	Hybrid	Vaccinations for children by age 2
	<i>Immunizations for Adolescents</i>	Hybrid	Vaccinations for adolescents by age 13
	<i>Flu Vaccinations for Adults Ages 18–64</i>	CAHPS	Flu vaccines for Medicaid members, age 18 to 64
	<i>Flu Vaccinations for Adults Ages 65 and Older</i>	CAHPS	Flu vaccines for Medicare members, age 65 and older
	<i>Pneumococcal Vaccination Status for Older Adults</i>	CAHPS	Pneumococcal vaccines for Medicare members, age 65 and older
<b>New in HEDIS 2019</b>	<i>Adult Immunization Status</i>	ECDS	Vaccinations for adults, age 19 and older
	<i>Prenatal Immunization Status</i>	ECDS	Vaccinations for pregnant women

# New Measures for Immunizations

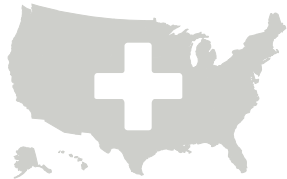


**Guidelines** recommend the following vaccines

*Adults* - influenza; Td/Tdap; herpes zoster; pneumococcal

*Pregnant Women* - influenza and Tdap

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**Gaps in care** have been found for both adults and pregnant women

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**Opportunity for measures** to assess health plan performance on administration of these vaccines



*Adult Immunization Status*  
Measure

# Adult Immunization Status

## *Measure Description*

Percentage of members 19 years of age and older who are up-to-date on recommended routine vaccines:

- Influenza
- Td or Tdap
- Herpes zoster
- Pneumococcal

Commercial, Medicaid, Medicare

# Adult Immunization Status

*Percentage of adults who are up-to-date on routine vaccines*

Measure Rate	Vaccines	Eligible Population Age Ranges	
		Medicare	Commercial / Medicaid
Influenza Rate	Influenza vaccine received between July 1 of year prior to June 30 of measurement period.	66 & older	19-65
Td/Tdap Rate	Td or Tdap vaccine within the past 10 years.	66 & older	19-65
Zoster Rate	1 dose of live herpes zoster vaccine or 2 doses of recombinant herpes zoster vaccine on or after 50th birthday.	66 & older	50-65
Pneumococcal Rate	Polysaccharide AND conjugate vaccine $\geq$ 12 months apart on or after age 60	66 & older	N/A
Composite Rate	Percent of vaccines received out of all recommended vaccines based on age	66 & older	19-65

*\*Excludes adults from all rates with history of immunocompromising conditions or chemotherapy, bone marrow transplant or in hospice during the measurement year*

# Adult Immunization Status - Composite Scoring

MEDICARE PLANS				
Vaccines	Member A Age 70	Member B Age 68	Member C Age 66	
Influenza				
Td or Tdap				<hr/> 12 immunizations needed = 58%
Zoster				
Pneumococcal				

# Adult Immunization Status - Composite Scoring

MEDICARE PLANS				Composite Rate:
Vaccines	Member A Age 70	Member B Age 68	Member C Age 66	
Influenza		✓		7 immunizations provided
Td or Tdap	✓	✓		
Zoster		✓		12 immunizations needed
Pneumococcal	✓	✓	✓	
				=
				58%

# Adult Immunization Status - Composite Scoring

	COMMERCIAL/MEDICAID PLANS			Composite Rate:
Vaccines	Member A Age 64	Member B Age 50	Member C Age 19	
Influenza				8 immunizations needed
Td or Tdap				
Zoster			NA	
Pneumococcal	NA	NA	NA	= 50%



# Adult Immunization Status - Composite Scoring

Vaccines	COMMERCIAL/MEDICAID PLANS			Composite Rate:
	Member A Age 64	Member B Age 50	Member C Age 19	
Influenza		✓	✓	4 immunizations provided
Td or Tdap	✓			
Zoster		✓	NA	8 immunizations needed
Pneumococcal	NA	NA	NA	
				= 50%



*Prenatal Immunization Status*  
Measure

# Prenatal Immunization Status

## *Measure Description*

Percentage of deliveries during the measurement period in which women received the following vaccinations:

- Influenza vaccine
- Tdap vaccine

Commercial, Medicaid

# Prenatal Immunization Status

*Percentage of deliveries in which women received influenza and Tdap vaccinations*

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Measure Rate	Description
Influenza	Influenza vaccine between July 1 of the year prior to the measurement period and the delivery date
Tdap Rate	At least one Tdap vaccine during the pregnancy
Composite Rate	Deliveries where patients received both vaccines

*\*Excludes deliveries with a gestational age of less than 37 weeks and patients who are in hospice or using hospice services during the measurement period.*

# Prenatal Immunization Status - Composite Scoring

COMMERCIAL/MEDICAID PLANS				Composite Rate:
Vaccines	Delivery 1	Delivery 2	Delivery 3	
Influenza				
Tdap				

# Prenatal Immunization Status - Composite Scoring

COMMERCIAL/MEDICAID PLANS				Composite Rate:
Vaccines	Delivery 1	Delivery 2	Delivery 3	
Influenza	✓	✓		$\frac{1 \text{ delivery with both vaccines}}{3 \text{ deliveries total}} = 33\%$
Tdap	✓			



# Measure Implementation

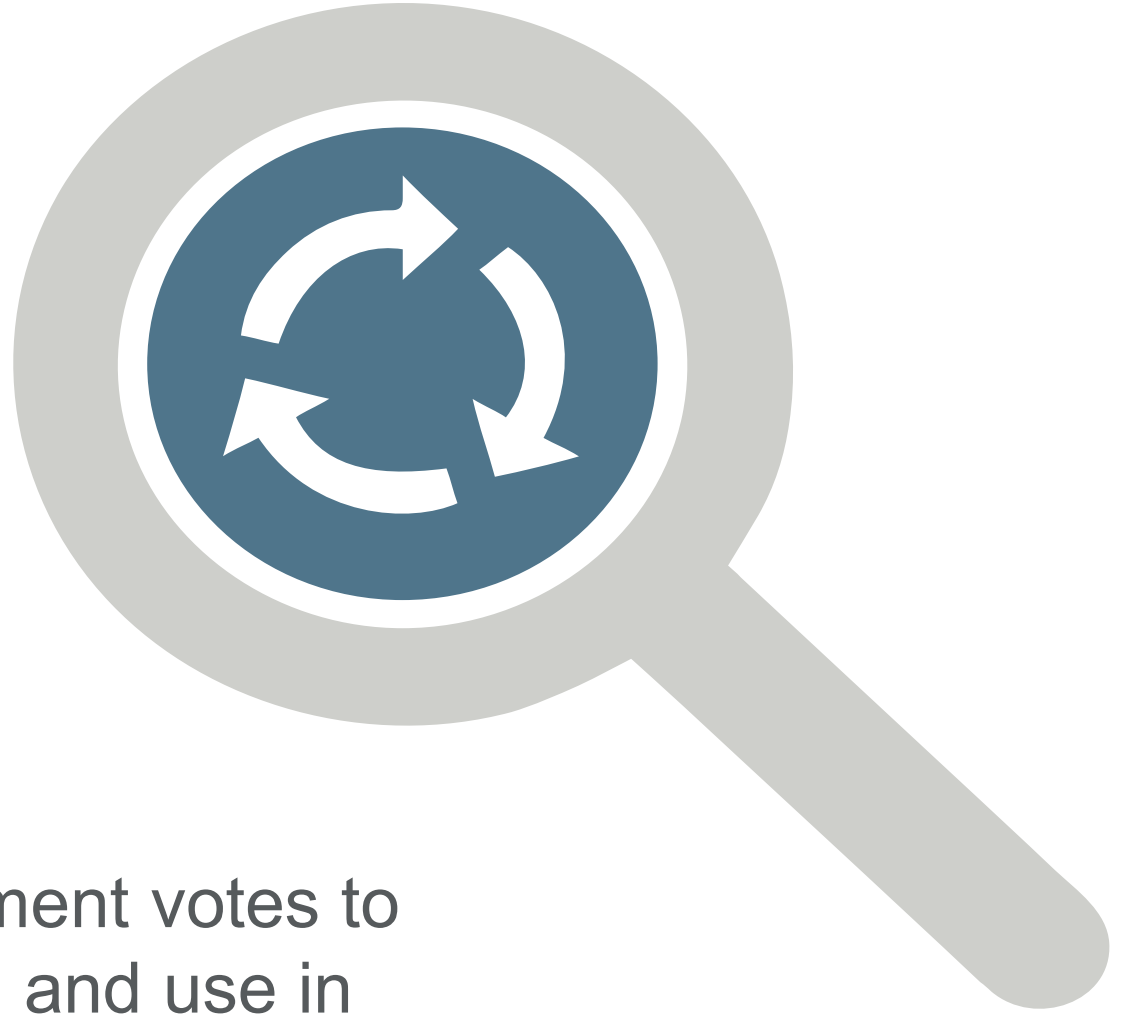
# HEDIS First-Year Analysis Process Overview

**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





# Timeline for New HEDIS Immunization Measures

*Next steps*



