



# CLINICAL QUALITY MEASURES

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# Disclaimer

- This presentation will focus on Medicare, not Medicaid
  - State Medicaid rules for reporting on CQMs and timelines *may* vary
- I am going to confuse you
- I will probably confuse myself
  - I may already be confused



# Meaningful Use Stages

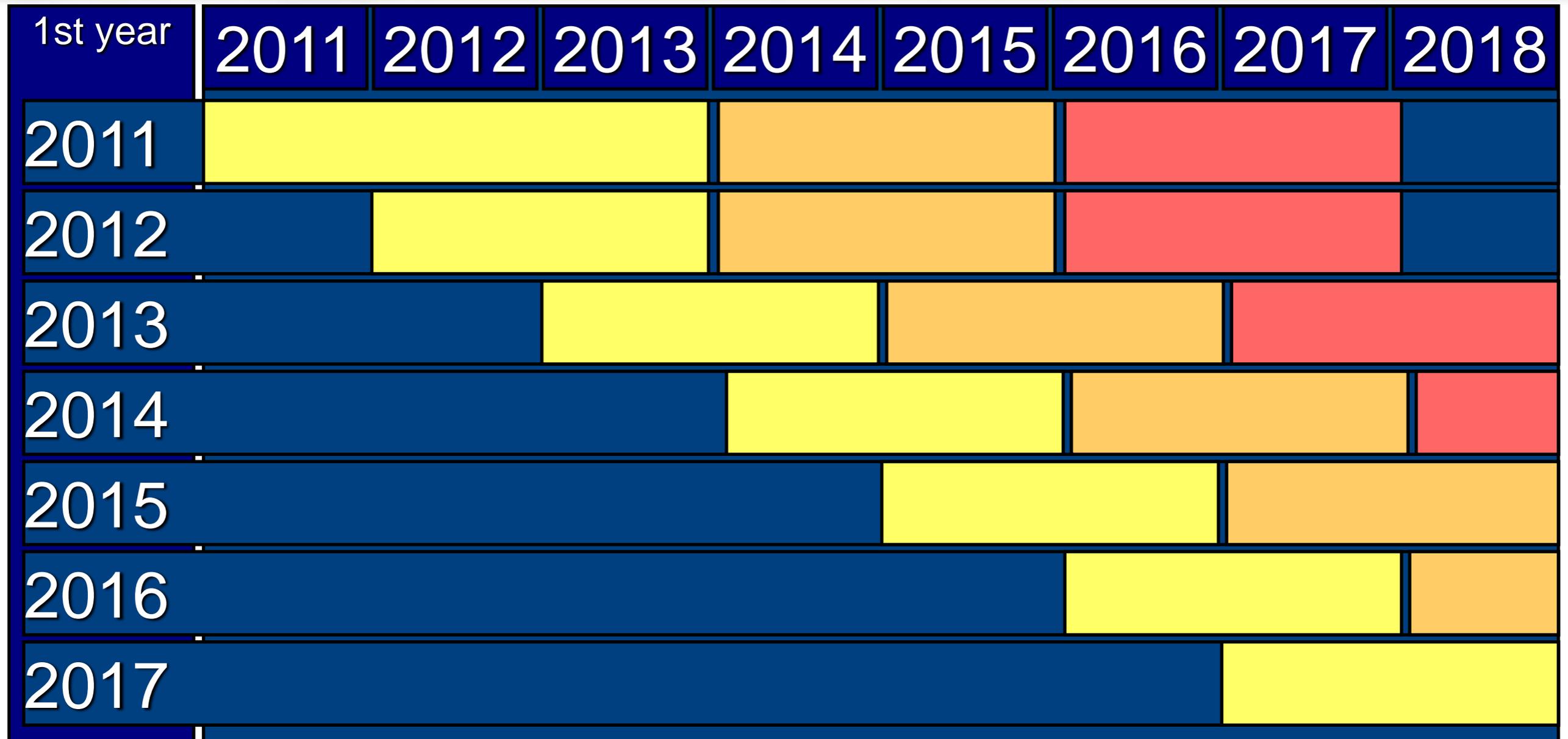
1st year	2011	2012	2013	2014	2015	2016	2017	2018
2011	Stage 1	Stage 1	Stage 2	Stage 2	Stage 3	Stage 3	Stage 3	Stage 3
2012	Stage 3	Stage 1	Stage 2	Stage 2	Stage 3	Stage 3	Stage 3	Stage 3
2013	Stage 3	Stage 3	Stage 1	Stage 2	Stage 2	Stage 3	Stage 3	Stage 3
2014	Stage 3	Stage 3	Stage 3	Stage 1	Stage 2	Stage 2	Stage 3	Stage 3
2015	Stage 3	Stage 3	Stage 3	Stage 3	Stage 1	Stage 2	Stage 2	Stage 2
2016	Stage 3	Stage 1	Stage 2	Stage 2				
2017	Stage 3	Stage 1	Stage 1					

Stage 1

Stage 2

Stage 3

# Certified EHRs

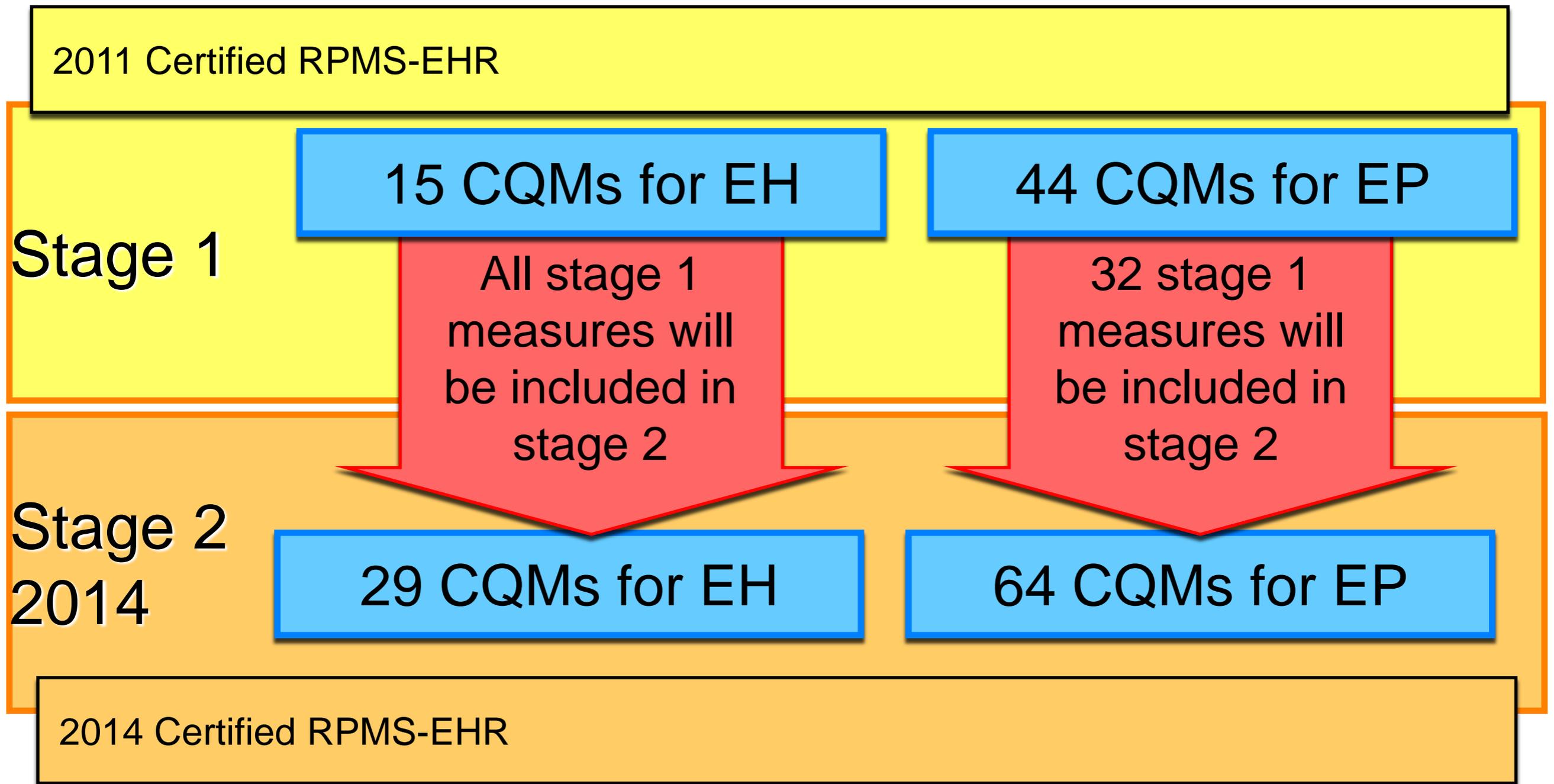


2011 Certified RPMS-EHR

2014 Certified RPMS-EHR

2016+ TBD

# What does that mean for CQMs?



# What does that mean for CQMs?

2011 Certified RFP

Stage 1

Stage 2  
2014

2014 Certified RFP

## CQMs that are being retired

- **NQF 0013\***
- NQF 0027
- NQF 0084

## CQMs that are not finalized

- NQF 0001
- NQF 0012
- NQF 0014
- NQF 0047
- NQF 0061
- NQF 0067
- NQF 0073
- NQF 0074
- NQF 0575

\* core measure in stage 1, must switch to alt core if going with 2014 CEHRT

44 CQMs for EP

32 stage 1  
measures will  
be included in  
stage 2

64 CQMs for EP

# Demonstrating Meaningful Use

**Performance  
Measures**

Located in:  
PCC Management Reports

**Clinical Quality  
Measures**

Located in:  
CRS Reports

# Demonstrating Meaningful Use

1st year	2011	2012	2013	2014	2015	2016	2017	2018
2011	90d	Year	Year	90d*	Year	Year	Year	
2012		90d	Year	90d*	Year	Year	Year	
2013			90d	90d*	Year	Year	Year	Year
2014				90d	Year	Year	Year	Year
2015					90d	Year	Year	Year
2016						90d	Year	Year
2017							90d	Year

2011 Certified RPMS-EHR

2014 Certified RPMS-EHR

\* 90 days; must be in a year quarter

# Demonstrating Meaningful Use: Performance Measures

## Performance Measures EP

Stage 1

15 Required core objectives

5 Menu set objectives

Stage 2

17 Required core objectives

3 Menu set objectives

# Demonstrating Meaningful Use: Performance Measures

## Performance Measures FH

Stage 1

14 Required core objectives

5 Menu set objectives

Stage 2

16 Required core objectives

3 Menu set objectives

# Demonstrating Meaningful Use: Quality Measures

CQMs EP

Stage 1

3 required core measures

3 additional measures

2014

9 measures from 3 different domains

# Demonstrating Meaningful Use: Quality Measures

CQMs EH

Stage 1

15 CQMs

2014

16 CQMs ( $\geq 1$  per domain)

# Demonstrating Meaningful Use: Quality Measures

- Eligible Providers
  - 64 CQMs available
  - Must select 9 (adult or pediatric)
  - Must contain measures from at least 3 domains
  - Consider CMS recommended measures

1. Patient and Family Engagement
2. Patient Safety
3. Care Coordination
4. Population and Public Health
5. Efficient Use of Healthcare Resources
6. Clinical Processes/Effectiveness

# Demonstrating Meaningful Use: Quality Measures

- Eligible Hospitals
  - 29 CQMs available
  - Must select 16
    - Must contain measures from at least 3 domains

1. Patient and Family Engagement
2. Patient Safety
3. Care Coordination
4. Population and Public Health
5. Efficient Use of Healthcare Resources
6. Clinical Processes/Effectiveness

# Demonstrating Meaningful Use: Quality Measures

- Measures must be submitted electronically in 2014
  - To CMS (Medicare)
  - To the state (Medicaid)

# CMS Recommended CQMs

- Adult Recommended Core Measures
  - Controlling High Blood Pressure
  - Use of High-Risk Medications in the Elderly
  - Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention
  - Use of Imaging Studies for Low Back Pain
  - Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan
  - Documentation of Current Medications in the Medical Record
  - Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up
  - Closing the referral loop: receipt of specialist report

# CMS Recommended CQMs

- Pediatric Recommended Core Measures
  - Appropriate Testing for Children with Pharyngitis
  - Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents
  - Chlamydia Screening for Women
  - Use of Appropriate Medications for Asthma
  - Childhood Immunization Status
  - Appropriate Treatment for Children with Upper Respiratory Infection (URI)
  - ADHD: Follow-Up Care for Children Prescribed Attention-Deficit/Hyperactivity Disorder (ADHD) Medication
  - Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan
  - Children who have dental decay or cavities

# CQM "Hidden" Data Requirements

Measurement	LOINC	Value Set
Pain	56840-2	Pain severity verbal numeric scale
PHQ9	44261-6	Patient Health Questionnaire 9 item (PHQ-9)
BP (1st piece)	8480-6	Systolic blood pressure
BP (2nd piece)	8481-5	Diastolic blood pressure
BP (1st & 2nd piece)	55284-4	Blood pressure systolic and diastolic
PU	8867-4	Heart Rate
Height	3137-7	Body height measured
Weight	3141-9	Body weight measured
Weight stated	3142-7	Body weight stated

**LOINC codes for measures**

24564-7	Abdomen Narrative X-ray AP upright portable	428041000124106	Occasional tobacco smoker (finding)
24568-8	AV fistula Narrative Fluoroscopic angiogram Atherectomy W contrast IV	428061000124105	Light tobacco smoker (finding)
24569-6	AV shunt Narrative Fluoroscopic angiogram W contrast IV	428071000124103	Heavy tobacco smoker (finding)
24570-4	Fluoroscopy Guidance for stone removal of Biliary duct common-- W contrast intra	449868002	Smokes tobacco daily (finding)
24573-8	Biliary ducts and Gallbladder Narrative X-ray during surgery W contrast bilia	65568007	Smokes tobacco (finding)
24574-6	Biliary ducts and Gallbladder Narrative Fluoroscopy during surgery W contrast bilia	77176002	Smokes tobacco (finding)
24575-3	Biliary ducts and Gallbladder Narrative Fluoroscopy W contrast percutaneous transcutaneous	81703003	Chews tobacco (finding)
24576-1	Urinary bladder arteries Narrative Fluoroscopic angiogram W contrast IA		
24577-9	Bone Narrative X-ray during surgery		
24579-5	Bones long Narrative X-ray survey		
24580-3	Brachiocephalic artery Narrative Fluoroscopic angiogram Angioplasty W contrast IA		
24581-1	Brachial artery and Subclavian artery Narrative Fluoroscopic angiogram W contrast IA		

**LOINC codes for radiology**

**SNOMED codes for tobacco use**

Measurement	LOINC	Value set	SNOMED term (example)
24584-5	Thoracic outlet vessels Narrative MRI angiogram W contrast IV	Intolerance to Influenza Vaccine	420113004
24593-6	Head vessels Narrative MRI angiogram W contrast IV	Allergy to influenza vaccine	315631004
24612-4	Calcaneus Narrative X-ray	Anaphylactic reaction to influenza vaccine	420113004
24613-2	Fluoroscopic angiogram Guidance for placement of catheter in	Allergy to influenza vaccine	91930004
24614-0	Carotid artery extracranial Narrative Fluoroscopic angiogram W contrast IA	Previous influenza vaccination	
24615-7	Carotid artery intracranial Narrative Fluoroscopic angiogram W contrast IA	Influenza vaccination declined	315640000
24617-3	Carotid artery Narrative Fluoroscopic angiogram W contrast IA		

**SNOMED codes for refusals**

# Timeline



- 10/09/2012 Development kickoff meeting
- 10/12/2012 Technical review of final rules
- 12/03/2012 Create development schedule
- 01/01/2013 Development and/or Acquisition
- 04/08/2013 Implementation and Integration
- 05/06/2013 EHR Certification and Deployment
- 10/01/2013 Begin Stage 2 Meaningful Use for hospitals (EH)
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The End