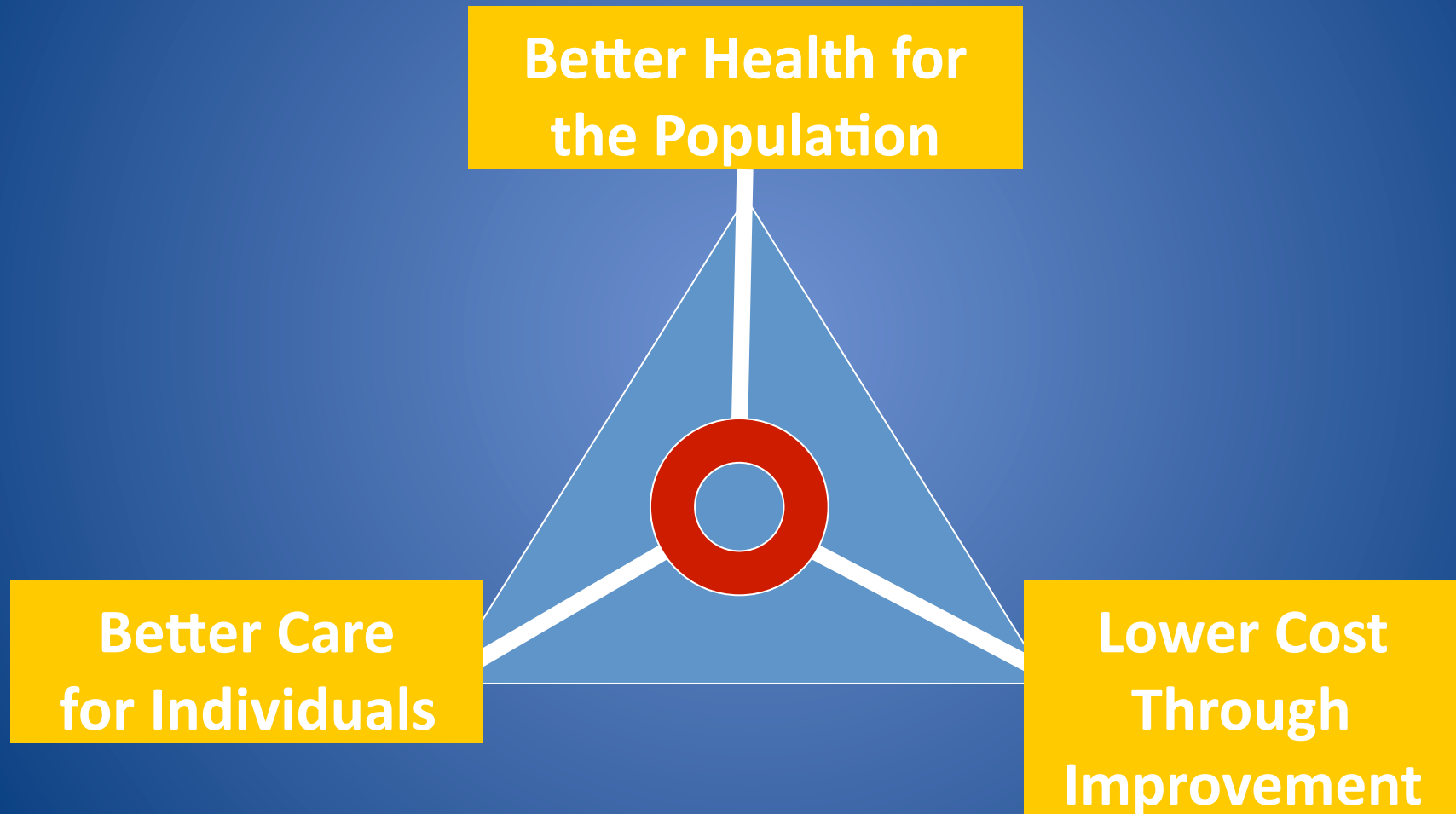# Connecting California to Achieve Meaningful Use

Betsy L. Thompson, MD, DrPH
Chief Medical Officer, CMS, Region IX
Redwood MedNet HIT Conference
July 15, 2011

The Healthcare Quality/Value Challenge

- U.S. spends more per capita on healthcare than any other country in the world

- Quality is often inferior to that of other nations

- Significant variation in quality and cost by geographic location

- Serious disparities in the quality of health care by race, and socioeconomic status

The "Three-Part Aim"

Better Health for the Population

Better Care for Individuals

Lower Cost Through Improvement

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Return on Investment from HIT

Wide Spread Adoption of Electronic Health Information (EHI) Technologies for Better Outcomes , Lower Cost , Improve Population Health

Improving Health Care Quality, Cost Performance, Population Health

ROI of EHI at Point of Care:

- Improved Patient Safety
- Reduced Complications Rates
- Reduced Cost per Patient Episode of Care
- Enhanced cost & quality performance accountability
- Improved Quality Performance
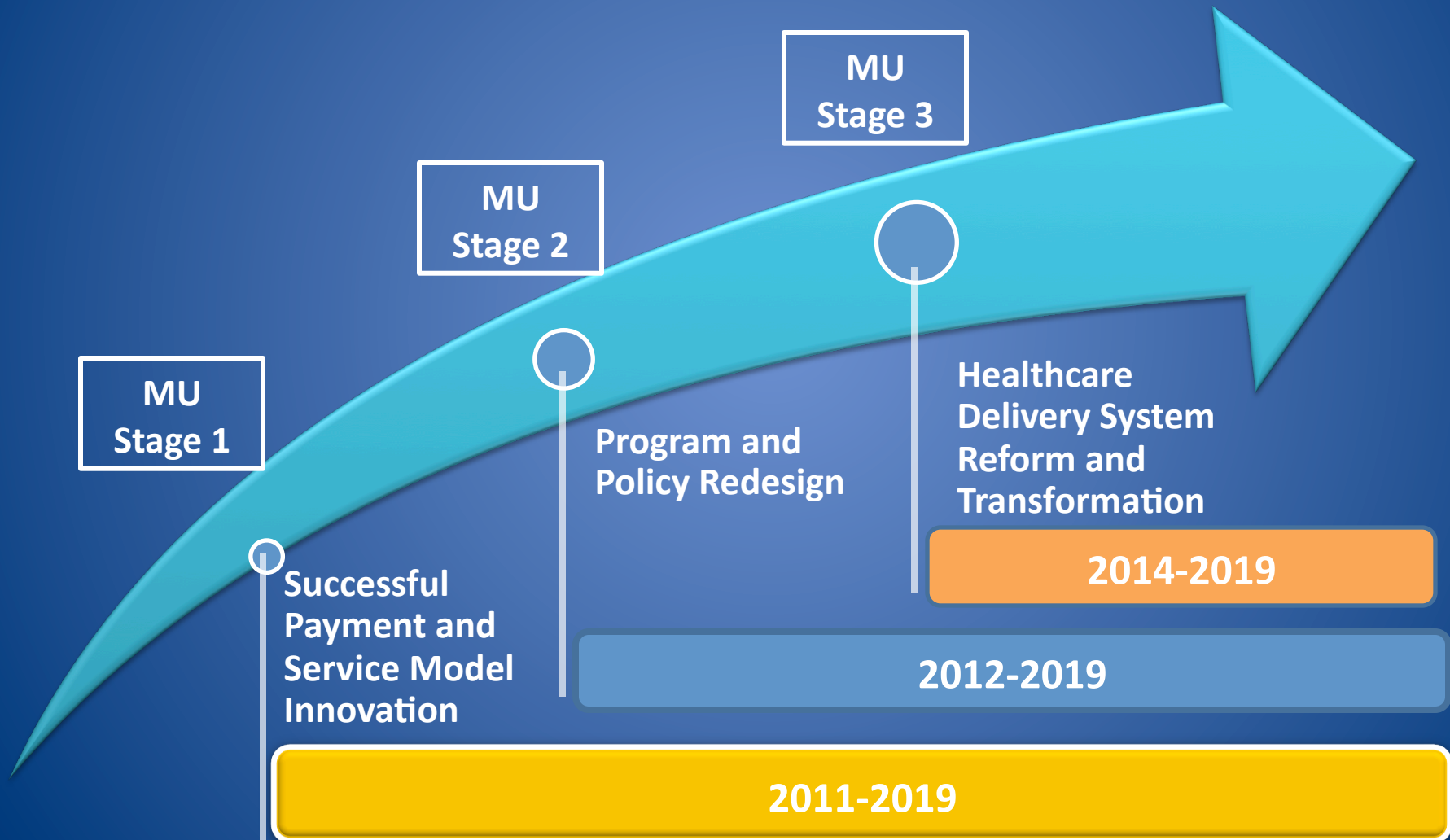- Improve Community Health Surveillance
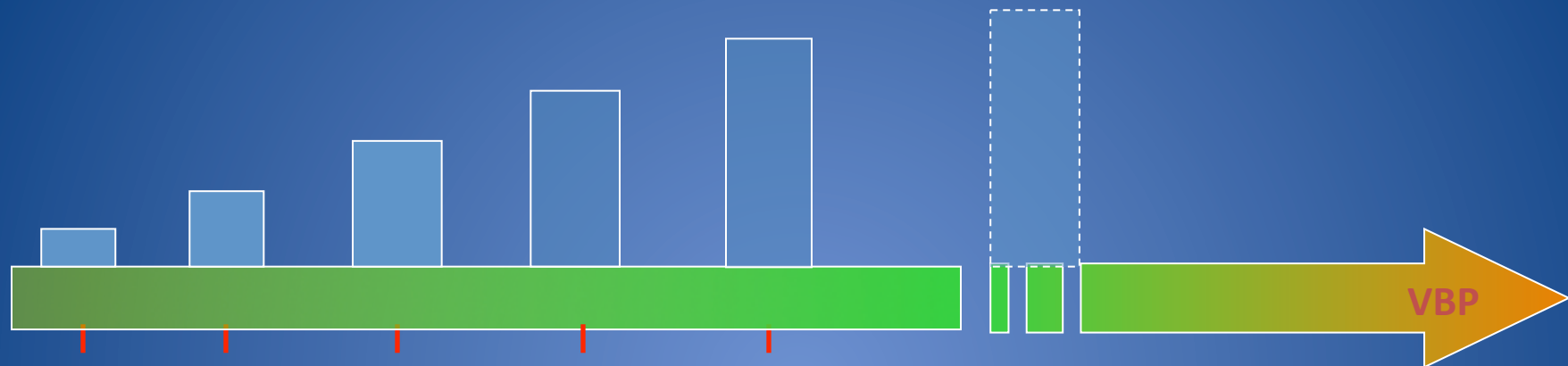
Better Outcomes

Lower Costs

Population Health

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Timeline for Delivery System Reform and Transformation, 2011-2019

MU
Stage 3

MU
Stage 2

MU
Stage 1

Healthcare
Delivery System
Reform and
Transformation

Program and
Policy Redesign

Successful
Payment and
Service Model
Innovation

2014-2019

2012-2019

2011-2019

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Physician Quality Reporting System and E-Prescribing Incentive Program:
Moving Toward Value-Based Purchasing

VBP

2007
- TRHCA
- 74 measures
- Claims-based only

2008
- MMSEA
- 119 measures
- Claims
- 4 Measures Groups
- Registry

2009
- MIPPA
- 153 measures
- Claims
- 7 Measures Groups
- Registry
- EHR-testing
- eRx

2010
- MIPPA
- 175 individual measures
- Claims
- 13 Measures Groups
- Registry
- EHRs
- eRx
- GPRO

2011
- ACA, HITECH
- 190 individual measures
- Claims
- 14 Measures Groups
- Registry
- EHRs
- eRx
- GPRO I
- GPRO II

2012

TBD through rule-making

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Physician Quality Reporting & E-Prescribing Participation & Incentives

Year	Physician Quality Reporting System			E-Prescribing Incentive Program		
	# of Participating Eligible Professionals*	# of Satisfactory Reporters*	Total Incentives Paid	# of Participating Eligible Professionals	# of Successful E-Prescribers	Total Incentives Paid
2007	98,696*	57,834*	$39.5M	N/A	N/A	N/A
2008	153,896	86,000	$92.4M	N/A	N/A	N/A
2009**	210,559	119,804	$234.2M	92,132	50,924	$148.0M

*For 2007, these numbers represent counts of unique NPIs. For subsequent years, these numbers represent counts of unique TIN/NPI combinations

** 2009 is the last year for which complete data are available.

eRx Incentive:
Number of Eligible Professionals Participating, by Program Year
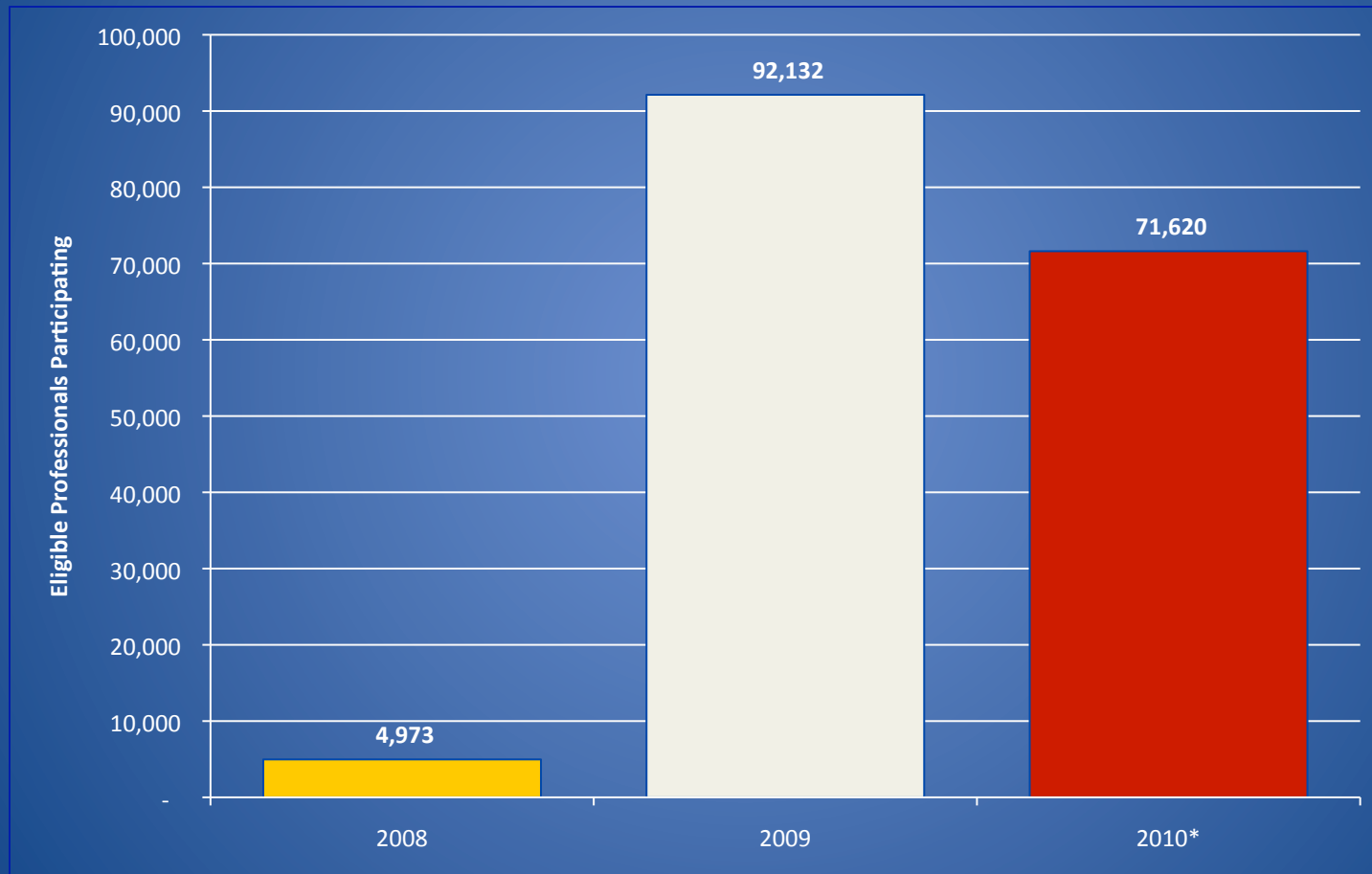
*2010 data shown here includes only claims processed through June 25, 2010. Data does not include registry participation counts.
In 2008, eRx was a measure under the Physician Quality Reporting System.

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Health Care Delivery System Transformation

Adoption of Health Information Technology

Enhancing Health System Performance Competencies

Transformation Barrier

Infrastructure Barrier

Clinical Care Knowledge Barrier

Integrated Care

Episodic/ Uncoordinated

Accountable Care

Personalized Health Care Management

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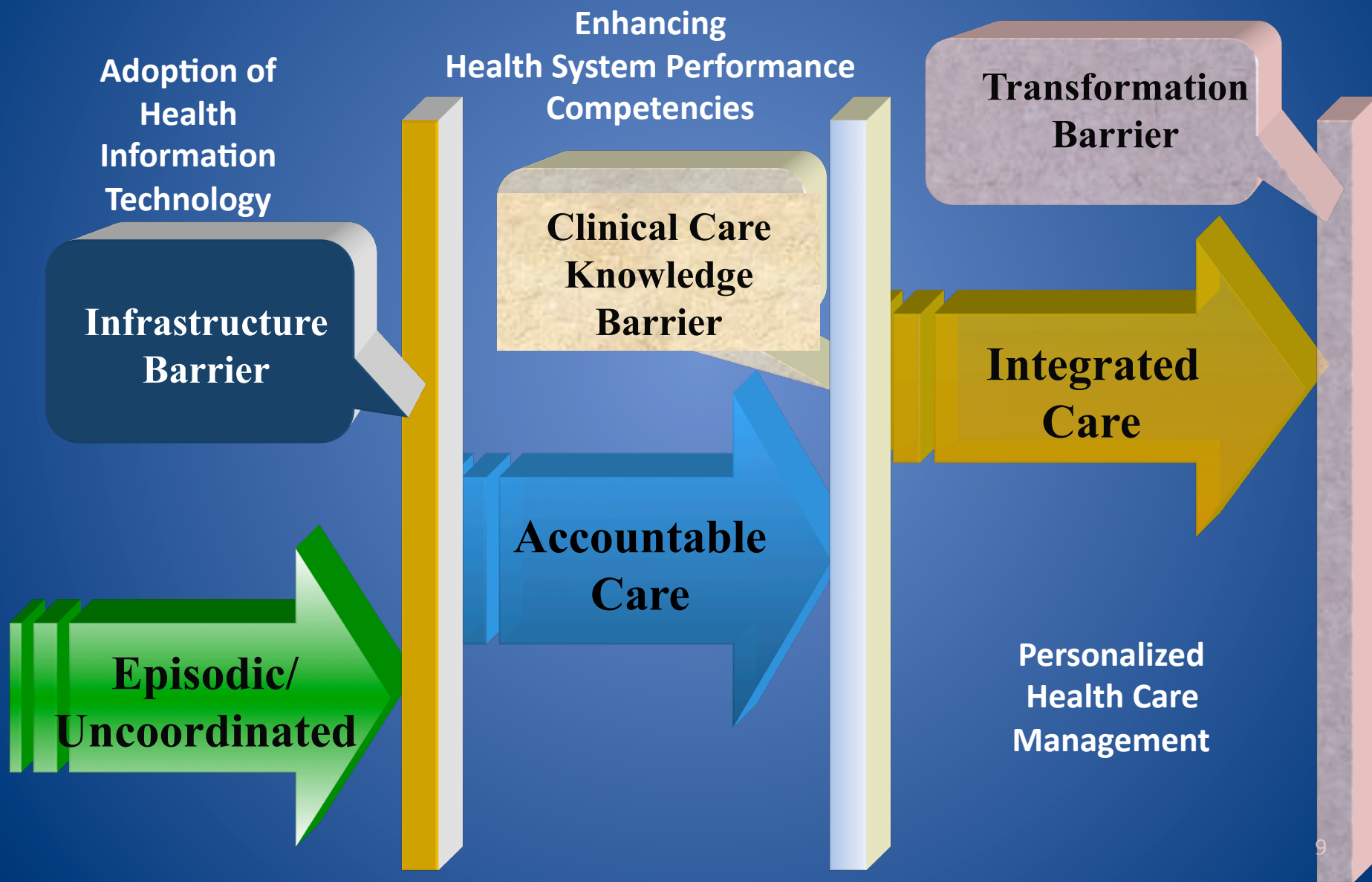
What is Meaningful Use?

- **Meaningful Use is using certified EHR technology to:**
  - Improve quality, safety, efficiency, and reduce health disparities
  - Engage patients and families in their health care
  - Improve care coordination
  - Improve population and public health
  - All the while maintaining privacy and security

- **Meaningful Use mandated in law to receive incentives**

The Center for Medicare & Medicaid Innovation:
Achieving Better Healthcare, Better Health, at Reduced Costs

The Current System

- **Greatest Acute Care in the World:** People come from around the world to be treated

- **But:** 46 Million Americans lack coverage
  - **Uncoordinated –** Fragmented delivery systems with variable quality
  - **Unsupportive –** of patients and healthcare providers
  - **Unsustainable –** Costs rising at twice the inflation rate

A Transformed System

- **Affordable**

- **Accessible – to care and to information**

- **Seamless and Coordinated**

- **High Quality – timely, equitable, safe**

- **Person and Family-Centered**

- **Supportive of Clinicians in serving their patients needs**

Initial Projects

- **Multi-payer Advanced Primary Care Practice Model (MAPCP)**

- **Medicaid Health Home State Plan Option**

- **Federal Coordinated Health Care Office State Demonstrations**

  - **Contracts awarded to 15 states.**

- **Federally Qualified Health Center Advanced Primary Care Practice Demonstration**

- **Accountable Care Organizations (ACOs)**

- **Partnership for Patients**

Health Care System Transformation Maturity

Initial Level of Health System Transformation Maturity

Managed Performance Level of Health System Transformation Maturity

Optimize Care Level of Health System Transformation Maturity

Episodic Non Integrated Care

Accountable Care

Integrated Health

- **Episodic Health Care**
  - Sick care focus
  - Uncoordinated care
  - High Use of Emergency Care
  - Multiple clinical records
  - Fragmentation of care

- **Lack integrated care networks**

- **Lack quality & cost performance transparency**

- **Poorly Coordinate Chronic Care Management**

- **Transparent Cost and Quality Performance**
  - Results oriented
  - Access and coverage

- **Accountable Provider Networks Designed Around the patient**

- **Focus on care management and preventive care**
  - Primary Care Medical Home
  - Utilization management
  - Medical Management

- **Patient Care Centered**
  - Patient centered Health Care
  - Productive and informed interactions between Family and Provider
  - Cost and Quality Transparency
  - Accessible Health Care Choices
- **Aligned Incentives for wellness**

- **Integrated networks with community resources wrap around**

- **Aligned reimbursement/cost Rapid deployment of best practices**

- **Patient and provider interaction**
  - Aligned care management
  - E-health capable
  - E-Learning resources

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Thank you!

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EHR Resources

- **Get information, tip sheets and more at CMS' official website for the EHR incentive programs: www.cms.gov/EHRIncentivePrograms**

- **For more about MU measures: http://www.cms.gov/QualityMeasures/03_ElectronicSpecifications.asp#TopOfPage**

- **Learn about certification and certified EHRs, as well as other ONC programs designed to support providers as they make the transition: http://healthit.hhs.gov**