

## Agenda

11:30 a.m.	<b>Registration</b> Pick up lunches
12 p.m.	<b>Welcome and overview of the day</b> <b>Amy Rohling McGee</b> , HPIO
12:05 p.m.	<b>Presenting sponsor remarks</b> Health Innovations Ohio
12:10 p.m.	<b>Introduction to HPIO</b> <b>Amy Rohling McGee</b> , HPIO
12:15 p.m.	<b>Payment: Aligning payment with improved population health and sustainable costs and the SIM</b> <b>Greg Moody</b> , Director, Governor's Office of Health Transformation
12:40 p.m.	<b>Prevention: Prioritizing health and safety</b> <b>Amy Bush Stevens</b> , HPIO
1 p.m.	<b>Insurance basics: Provisions of the Affordable Care Act and how Ohioans are covered</b> <b>Reem Aly</b> , HPIO
1:20 p.m.	<b>2014 Ohio Medicaid Enrollment Trends and Impact Analysis</b> <b>Amy Rohling McGee</b> and <b>Stephanie Gilligan</b> , HPIO <b>William Hayes</b> , Director, Healthcare Reform Strategy, OSU Wexner Medical Center and adjunct faculty at OSU College of Public Health
1:35 p.m.	<b>Medicaid waivers: Exploring approaches from other states</b> <b>Maia Crawford</b> , Program Officer, Center for Health Care Strategies
2:05 p.m.	<b>Break</b>
2:15 p.m.	<b>Medicaid ACOs</b> <b>Rob Houston</b> , Program Officer, Center for Health Care Strategies
2:45	<b>Long-Term Care</b> <b>Robert Applebaum</b> , Director of the Ohio Long-Term Care Research Project, Scripps Gerontology Center, Miami University
3:15	<b>Spotlight on health-related legislative activity</b> <b>Sen. Shannon Jones</b> , infant mortality <b>Rep. Robert Sprague</b> , opiates <b>Rep. Barbara Sears</b> , JMOC and Insurance
3:55	<b>Wrap-up and Adjourn</b>

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# Speaker biography

## Robert A. Applebaum

Robert A. Applebaum, PhD, is Director of the Ohio Long-Term Care Research Project, Scripps Gerontology Center; and Professor, Department of Sociology and Gerontology, at Miami University in Oxford, Ohio. Applebaum's research interests include long-term care; quality assurance; program planning and evaluation; health and social welfare policy. He has published extensively on a variety of long-term care issues, including Medicaid waiver programs and long-term services and supports. He earned his doctorate in Social Welfare from the University of Wisconsin.

## Maia Crawford

Maia Crawford, MS, is a program officer at the Center for Health Care Strategies (CHCS). She is providing technical assistance to states designing and testing new care delivery and payment models as part of the Center for Medicare & Medicaid Innovation's State Innovation Models (SIM) initiative. She is also engaged in projects focused on the integration of health and social services and the Medicaid primary care rate increase. Additionally, Ms. Crawford manages the Affinity Group for U.S. Charity Care Programs and supports CHCS' technical assistance activities for the Robert Wood Johnson Foundation's State Health Reform Assistance Network, which helps state agencies maximize opportunities to improve care and coverage under the Affordable Care Act.

Prior to joining CHCS, Ms. Crawford worked at Community Catalyst, a national non-profit consumer advocacy organization working to make affordable, quality health care accessible to all Americans. Previously, she served as a member of AmeriCorps' Community HealthCorps program, providing case management services to homeless individuals with Boston Health Care for the Homeless Program.

Ms. Crawford holds a master's degree in health policy and management from the Harvard School of Public Health. She received a bachelor's degree in government from Dartmouth College.

## William Hayes

William D. Hayes, Ph.D., has over 24 years of health policy and health services research experience. Dr. Hayes is currently Director, Healthcare Reform Strategy for The Ohio State University Wexner Medical Center and adjunct faculty in the OSU College of Public Health. His duties include working on how health care reform affects the OSU Health System and all of OSU's health-related Colleges and Schools. He also teaches one or two courses a year on health policy and health care organization.

Prior to joining OSU, Dr. Hayes was the founding President of the Health Policy Institute of Ohio (HPIO), a non-partisan health policy center. He served as HPIO's President from 2004 to 2010. Before leading HPIO, Dr. Hayes was Assistant Deputy of Policy for Ohio Medicaid from 1999 to 2004, Deputy Director for Policy, Planning and the Ohio Health Care Center at the Ohio Department of Health from 1997 to 1999, Chief of Health Policy at ODH from 1994 to 1997, and Management Analyst at the Bureau of Children with Medical Handicaps from 1990 to 1994.

## Rob Houston

Rob Houston, MBA, MPP is a program officer at the Center for Health Care Strategies (CHCS). He works on projects involving payment and delivery system reform, providing technical assistance to state Medicaid agencies and provider organizations to facilitate the development of Medicaid accountable care organizations (ACOs). He is currently partnering with the Rutgers Center for State Health Policy and Camden Coalition of Health Care Providers (CCHP) to spread CCHP's "super-utilizer" model to four cities through a Center for Medicare and Medicaid Innovation (CMMI) Health Care Innovations Award. Mr. Houston also helps to lead the Accountable Care Organization Learning Collaborative (ACO LC), which convenes eight leading-edge states working to develop and implement Medicaid ACO programs through support from The Commonwealth Fund. Mr. Houston has also authored several publications related to ACO development and alignment.

Prior to joining CHCS, Mr. Houston consulted with Robert Wood Johnson

Partners (a Medicare Shared Savings Program ACO) and the Rutgers Center for State Health Policy on issues pertaining to ACO development.

Mr. Houston holds a master of public policy with a concentration in health policy from the Edward J. Bloustein School of Planning and Public Policy and a master of business administration in marketing from Rutgers Business School. He graduated with a bachelor of arts in political science from Rutgers University – New Brunswick.

## Greg Moody

Governor John R. Kasich appointed Greg Moody in January 2011 to lead the Office of Health Transformation. OHT is responsible for advancing Governor Kasich's Medicaid modernization and cost-containment priorities, engaging private sector partners to improve overall health system performance, and recommending a permanent health and human services structure for Ohio.

Moody began his public service career as a budget associate for the U.S. House Budget Committee in Washington D.C. The Budget Chairman at the time, Rep. John Kasich, asked Moody to study the impact of Medicaid on federal spending – an assignment that set the course for his public policy career.

Prior to joining the Kasich Administration, Moody was a senior consultant at Health Management Associates, a national research and consulting firm that specializes in complex health care program and policy issues. He worked with clients to improve Medicaid system performance, and wrote extensively about state health system innovations for the Commonwealth Fund, National Governor's Association, and other foundations. Moody's Ohio experience includes serving as Interim Director of the Ohio Department of Job and Family Services (2001), Executive Assistant for Health and Human Services for Governor Bob Taft (1999-2004), and Chief of Staff to the Dean at the OSU College of Medicine (1997-1999).

Moody has a master's in philosophy from George Washington University and bachelor's in economics from Miami University.

HPIO thanks our core funders, who are helping advance the health of Ohioans through informed policy decisions.

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- The George Gund Foundation
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- CareSource Foundation
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- Cardinal Health Foundation

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# Transforming Payment for a Healthier Ohio

Greg Moody, Director  
Governor's Office of Health Transformation

Health Policy Institute of Ohio  
December 8, 2014

[www.HealthTransformation.Ohio.gov](http://www.HealthTransformation.Ohio.gov)



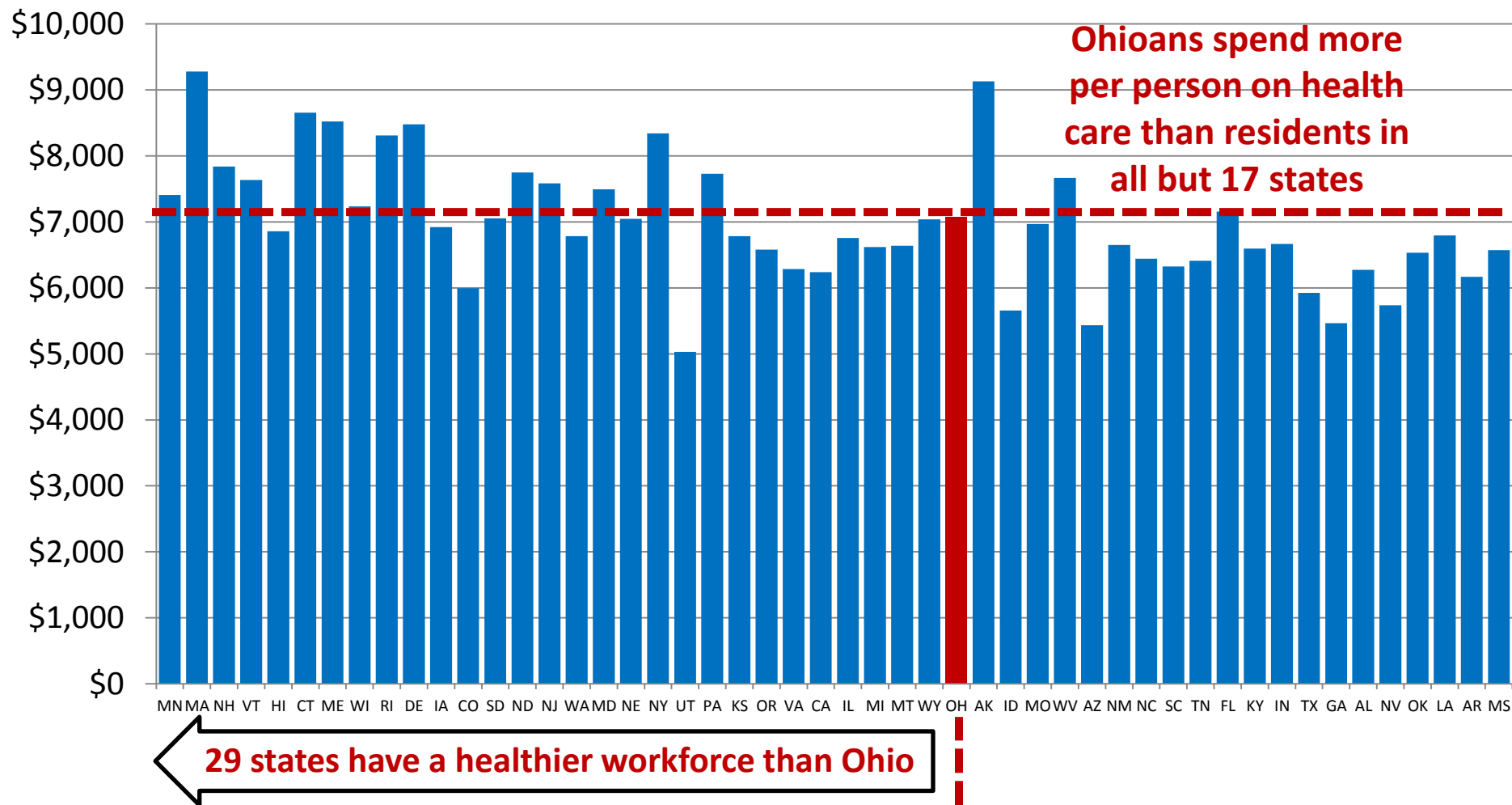
- Governor Kasich created the Office of Health Transformation to improve overall health system performance
- Pay for health care value instead of volume across Medicaid, state employee, and commercial populations
  - Launch episode based payments in Q1 2015
  - Take Comprehensive Primary Care to scale in 2015
- Partners include Anthem, Aetna, CareSource, Medical Mutual, and UnitedHealthcare, covering ten million Ohioans
- Build on momentum from extending Medicaid coverage, Medicare-Medicaid Enrollee project, etc.
- Comprehensive, complementary strategies for health sector workforce development and health information technology
- Active stakeholder participation: 150+ stakeholder experts, 50+ organizations, 60+ workshops, 20 months and counting ...



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1. Ohio Approach to Paying for Value Instead of Volume
2. Patient-Centered Medical Home Model
3. Episode-Based Payment Model
4. Episode Example

# Health Care Spending per Capita by State (2011) in order of resident health outcomes (2014)



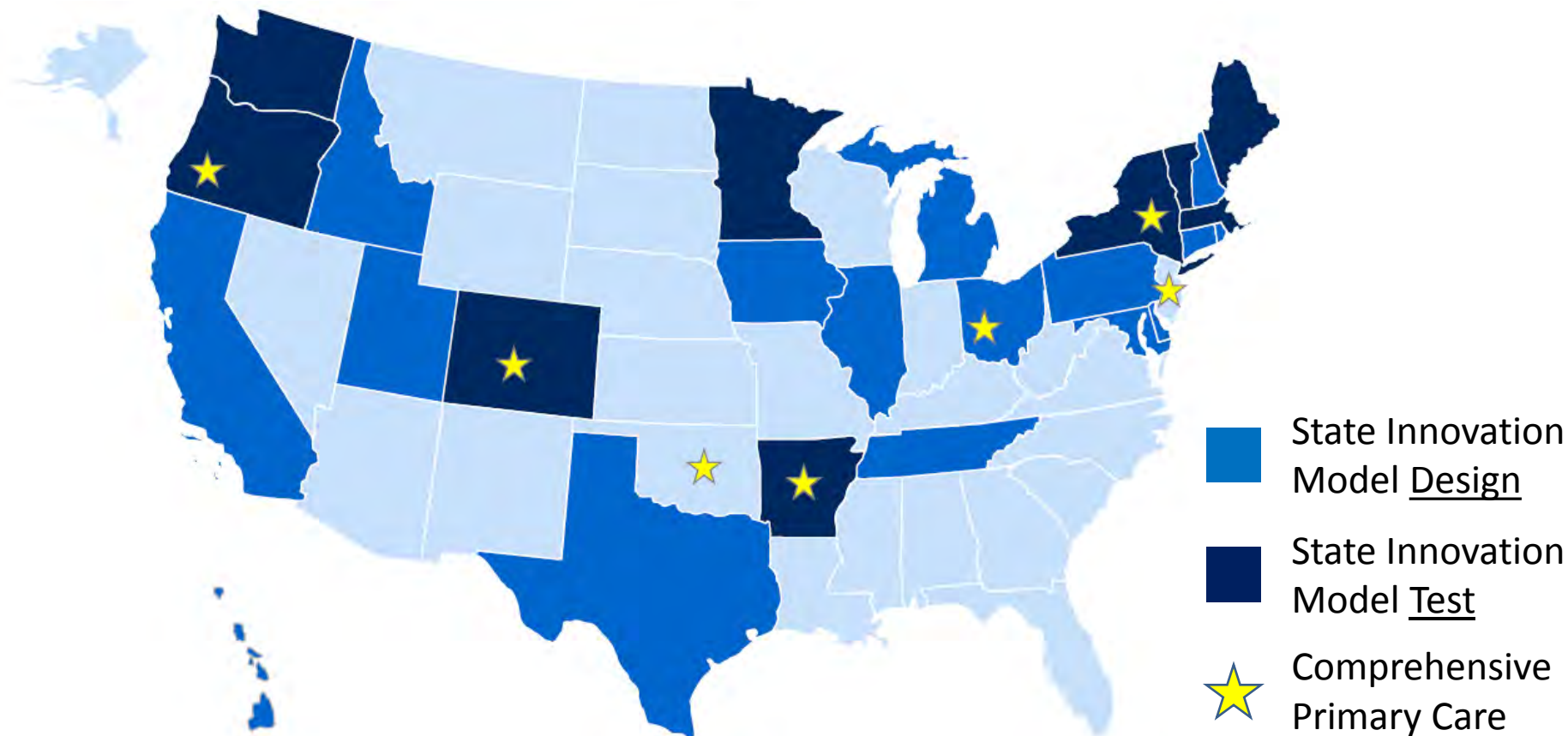
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Sources: CMS *Health Expenditures by State of Residence* (2011); The Commonwealth Fund, *Aiming Higher: Results from a State Scorecard on Health System Performance* (May 2014).

## In fee-for-service, we get what we pay for

- **More volume** – to the extent fee-for-service payments exceed costs of additional services, they encourage providers to deliver more services and more expensive services
- **More fragmentation** – paying separate fees for each individual service to different providers perpetuates uncoordinated care
- **More variation** – separate fees also accommodate wide variation in treatment patterns for patients with the same condition – variations that are not evidence-based
- **No assurance of quality** – fees are typically the same regardless of the quality of care, and in some cases (e.g., avoidable hospital readmissions) total payments are greater for lower-quality care

## 27 states are designing and testing payment innovation programs



# Shift to population-based and episode-based payment

## Payment approach

**Population-based**  
(PCMH, ACOs, capitation)

**Episode-based**

**Fee-for-service**

(including pay for performance)

## Most applicable

- Primary prevention for healthy population
- Care for chronically ill (e.g., managing obesity, CHF)
- .....
- Acute procedures (e.g., CABG, hips, stent)
- Most inpatient stays including post-acute care, readmissions
- Acute outpatient care (e.g., broken arm)
- .....
- Discrete services correlated with favorable outcomes or lower cost



# 5-Year Goal for Payment Innovation

## Goal

80-90 percent of Ohio's population in some value-based payment model (combination of episodes- and population-based payment) within five years

## State's Role

- Shift rapidly to PCMH and episode model in Medicaid fee-for-service
- Require Medicaid MCO partners to participate and implement
- Incorporate into contracts of MCOs for state employee benefit program

### Patient-centered medical homes

### Episode-based payments

## Year 1

- In 2014 focus on Comprehensive Primary Care Initiative (CPCi)
- Payers agree to participate in design for elements where standardization and/or alignment is critical
- Multi-payer group begins enrollment strategy for one additional market

- State leads design of five episodes: asthma acute exacerbation, perinatal, COPD exacerbation, PCI, and joint replacement
- Payers agree to participate in design process, launch reporting on at least 3 of 5 episodes in 2014 and tie to payment within year

## Year 3

- Model rolled out to all major markets
- 50% of patients are enrolled

- 20 episodes defined and launched across payers

## Year 5

- Scale achieved state-wide
- 80% of patients are enrolled

- 50+ episodes defined and launched across payers

# Ohio's Health Care Payment Innovation Partners:





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# Ohio already has various PCMH projects underway

- Major focus of pilots
- Some focus
- Minimal or no focus

## HB 198 Education Pilot Sites

- 42 pilot sites target underserved areas
- Potential to add 50 pediatric pilots

## NCQA, AAAHC, Joint Commission

- 455 NCQA-recognized sites
- 51 Joint Commission accredited sites
- 7 AAAHC-accredited

## Cincinnati/Dayton CPCi

- 61 sites in OH (14 in KY), incl. Tri-Health, Christ Hospital, PriMed, Providence, St. Elizabeth (KY)

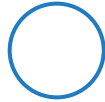
## Private Payer Pilots

- Vary in scope by pilot, but tend to focus on larger independent or system-led practices

### Care delivery model



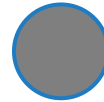
### Payment model



### Infrastructure



### Scale-up and practice performance improvement





## Comprehensive Primary Care Initiative

- Dayton/Cincinnati is one of only seven CPC sites nationally
- Bonus payments to primary care doctors who better coordinate care
- Multi-payer: Medicare, Medicaid, nine commercial insurance plans
- 75 primary care practices (261 providers) serving 44,500 Medicare enrollees in 14 Ohio and 4 Kentucky counties
- Practices were selected based on their use of HIT, advanced primary care recognition, and participation in practice improvement activities
- Supported by a unique regional collaborative: The Greater Cincinnati Health Council, the Health Collaborative, and HealthBridge

**The goal is to learn from CPC in developing an approach to roll out PCMH statewide**



# Regional Health Improvement Collaboratives



# Elements of a Patient-Centered Medical Home Strategy

<b>Care delivery model</b>	<ul style="list-style-type: none"> <li>Target patients and scope</li> <li>Care delivery improvements e.g., <ul style="list-style-type: none"> <li>Improved access</li> <li>Patient engagement</li> <li>Population management</li> <li>Team-based care, care coordination</li> </ul> </li> <li>Target sources of value</li> </ul>	<p>Vision for a PCMH's role in the healthcare eco system, including who they should target, how care should be delivered (including differences from today), and which sources of value to prioritize over time.</p>
<b>Payment model</b>	<ul style="list-style-type: none"> <li>Technical requirements for PCMH</li> <li>Attribution / assignment</li> <li>Quality measures</li> <li>Payment streams/ incentives</li> <li>Patient incentives</li> </ul>	<p>Holistic approach to use payment (from payers) to encourage the creation of PCMHs, ensure adequate resources to fund transformation from today's model, and reward PCMH's for improving in outcomes and total cost of care over time</p>
<b>Infrastructure</b>	<ul style="list-style-type: none"> <li>PCMH infrastructure</li> <li>Payer infrastructure</li> <li>Payer / PCMH infrastructure</li> <li>PCMH/ Provider infrastructure</li> <li>System infrastructure</li> </ul>	<p>Technology, data, systems, and people required to enable creation of PCMH, administer new payment models, and support PCMHs in making desired changes in care delivery</p>
<b>Scale-up and practice performance improvement</b>	<ul style="list-style-type: none"> <li>Clinical leadership / support</li> <li>Practice transformation support</li> <li>Workforce / human capital</li> <li>Legal / regulatory environment</li> <li>Network / contracting to increase participation</li> <li>ASO contracting/participation</li> <li>Performance transparency</li> <li>Ongoing PCMH support</li> <li>Evidence, pathways, &amp; research</li> <li>Multi-payer collaboration</li> </ul>	<p>Support, resources, or activities to enable practices to adopt the PCMH delivery model, sustain transformation and maximize impact</p>

# Elements of a Patient-Centered Medical Home Strategy

Care delivery model	Target patients and scope
	Care delivery improvements e.g., <ul style="list-style-type: none"> <li>Improved access</li> <li>Patient engagement</li> <li>Population management</li> <li>Team-based care, care coordination</li> </ul>
	Target sources of value
Payment model	Technical requirements for PCMH
	Attribution / assignment
	Quality measures
	Payment streams/ incentives
	Patient incentives
Infrastructure	PCMH infrastructure
	Payer infrastructure
	Payer / PCMH infrastructure
	PCMH/ Provider infrastructure
	System infrastructure
Scale-up and practice performance improvement	Clinical leadership / support
	Practice transformation support
	Workforce / human capital
	Legal / regulatory environment
	Network / contracting to increase participation
	ASO contracting/participation
	Performance transparency
	Ongoing PCMH support
	Evidence, pathways, & research
	Multi-payer collaboration

- Payers agree to provide resources to support business model transformation for a finite period of time, particularly for small, less capitalized practices
- Agree to provide resources to compensate PCMH for activities not fully covered by existing fee schedules (care coordination, non-traditional visits like telemedicine, population health)
- Agree to reward PCMHs for favorably affecting risk-adjusted total cost of care over time by offering bonus payments, shared savings, capitation, or sub-capitation.

Source: [Ohio PCMH Multi-Payer Charter \(2013\)](#)



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1. Ohio Approach to Paying for Value Instead of Volume
2. Patient-Centered Medical Home Model
- 3. Episode-Based Payment Model**
4. Episode Example

# Elements of an Episode-Based Payment Strategy

Program-level design decisions		Episode-specific design decisions	
<b>Participation</b>	Provider participation Payer participation	<b>Core Episode definition</b>	Quarterback selection Triggers
<b>Accountability</b>	Providers at risk – Number		Episode timeframe – Type/length of pre-procedure/event window
	Providers at risk – Type of provider(s)		Claims in- or excluded: pre-procedure/event window
	Providers at risk – Unique providers		Claims in- or excluded: during procedure/event
<b>Payment model mechanics</b>	Cost normalization approach	<b>Episode cost adjustment</b>	Claims in- or excluded: post procedure/event (incl. readmission policy)
	Prospective or retrospective model		Risk adjusters
	Risk-sharing agreement – types of incentives		Unit cost normalization - Inpatient
	Approach to small case volume		Unit cost normalization - Other
<b>Performance management</b>	Role of quality metrics	<b>Quality metric selection</b>	Adjustments for provider access
	Provider stop-loss		Approach to cost-based providers
	Absolute vs. relative performance rewards		Clinical exclusions
	Absolute performance rewards – Gain sharing limit		Approach to non-claims-based quality metrics
<b>Payment model timing</b>	Approach to risk adjustment		Quality metric sampling
	Exclusions		Quality metrics linked to payment
	Preparatory/“reporting-only” period		Quality metrics for reporting only
	Length of “performance” period		
<b>Payment model thresholds</b>	Synchronization of performance periods		
	Approach to thresholds		
	How thresholds change over time		
	Specific threshold levels		
	Degree of gain / risk sharing		
	Cost outliers		

# Retrospective episode model mechanics

Patients and providers continue to deliver care as they do today

1



**Patients** seek care and select providers as they do today

2



**Providers** submit claims as they do today

3



**Payers** reimburse for all services as they do today

Calculate incentive payments based on outcomes after close of 12 month performance period

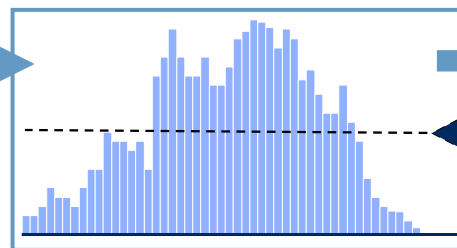
4



Review claims from the performance period to identify a **'Principal Accountable Provider'** (PAP) for each episode

5

Payers calculate **average cost per episode** for each PAP



**Compare average costs** to predetermined "commendable" and "acceptable" levels

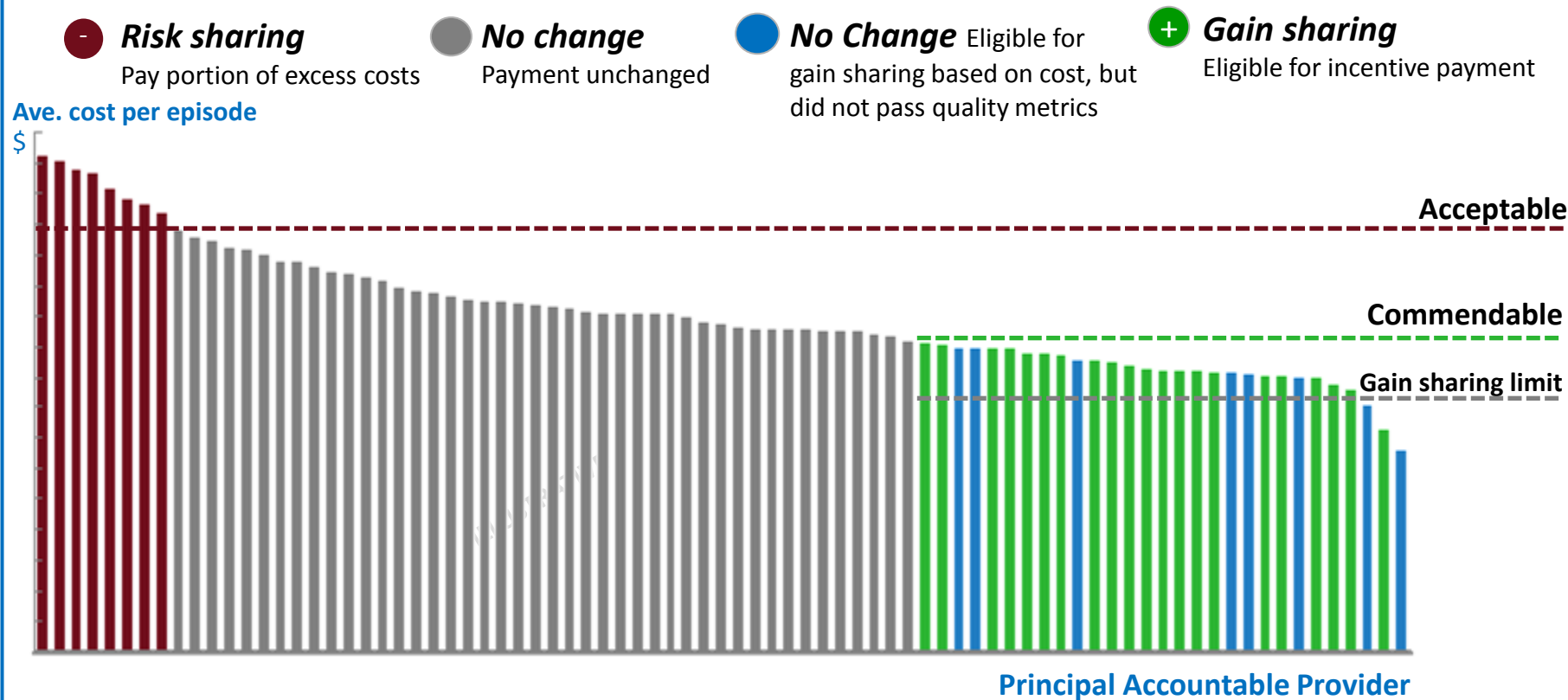
6

**Providers may:**

- **Share savings:** if average costs below commendable levels and quality targets are met
- **Pay part of excess cost:** if average costs are above acceptable level
- **See no change in pay:** if average costs are between commendable and acceptable levels

# Retrospective thresholds reward cost-efficient, high-quality care

## Provider cost distribution (average episode cost per provider)



# Selection of episodes in the first year

## Guiding principles for selection:

- Leverage episodes in use elsewhere to **reduce time to launch**
- Prioritize meaningful **spend across payer populations**
- Look for opportunities with **clear sources of value** (e.g., high variance in care)
- Select episodes that incorporate a **diverse mix** of accountable **providers** (e.g., facility, specialists)
- Cover a **diverse set of “patient journeys”** (e.g., acute inpatient, acute procedural)
- Consider **alignment with current priorities** (e.g., perinatal for Medicaid, asthma acute exacerbation for youth)

## First six episodes selected:

Episode	Principal Accountable Provider (PAP)
▪ Perinatal	Physician/group delivering the baby
▪ Asthma acute exacerbation	Facility where trigger event occurs
▪ COPD exacerbation	Facility where trigger event occurs
▪ Percutaneous coronary intervention (PCI)	Facility where PCI performed (acute) OR physician (non-acute)
▪ Total joint replacement	Orthopedic surgeon performing the total joint replacement procedure



aetna<sup>SM</sup>



*This is a sample report; actual reports will be released in 2015*

# EPISODE of CARE PAYMENT REPORT

## PERINATAL

Jul 1, 2013 to Jun 30, 2014

Reporting period covering episodes that ended between July 1, 2013 and June 30, 2014

PAYER NAME: Ohio - Medicaid FFS

PROVIDER CODE: 1234567

PROVIDER NAME: XYZ Women's Health Center

**You would be eligible for gain or risk sharing of N/A<sup>1</sup>**

### Episodes inclusion and exclusion

Total episodes: 154



### Risk adjusted average spend per episode

Distribution of provider average episode spend (risk adj.)



### Episodes risk adjustment

**95%** of your episodes  
have been risk  
adjusted

### Quality metrics

Your performance on quality metrics that will be ultimately linked to gain sharing

HIV screening	53%
GBS screening	71%
C-section	31%
Follow-up visit	30%

### Potential gain/risk share

N/A<sup>1</sup>

<sup>1</sup> Not applicable during reporting-only period

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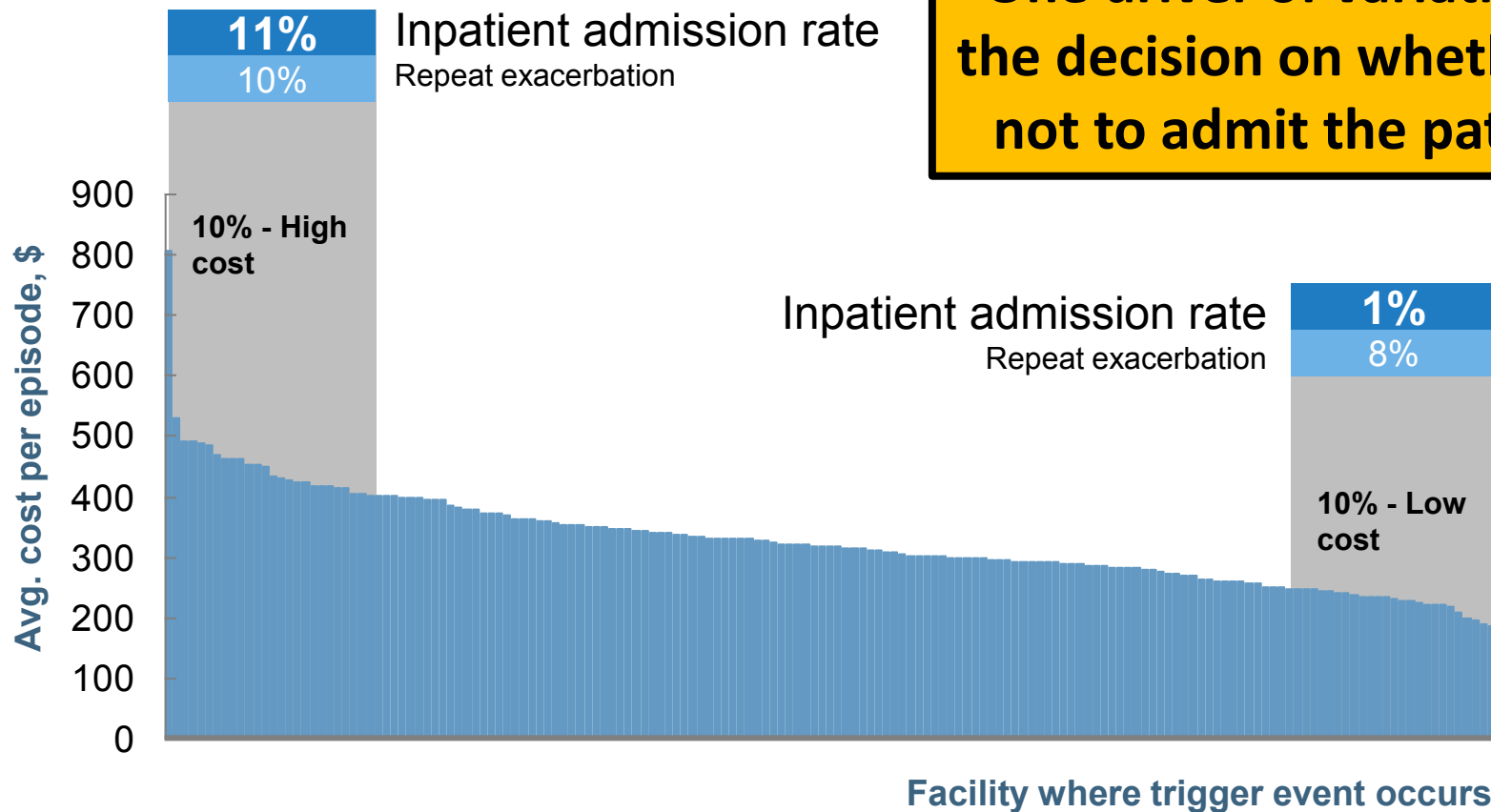


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# Variation across the Asthma Acute Exacerbation episode

Distribution of provider average episode cost

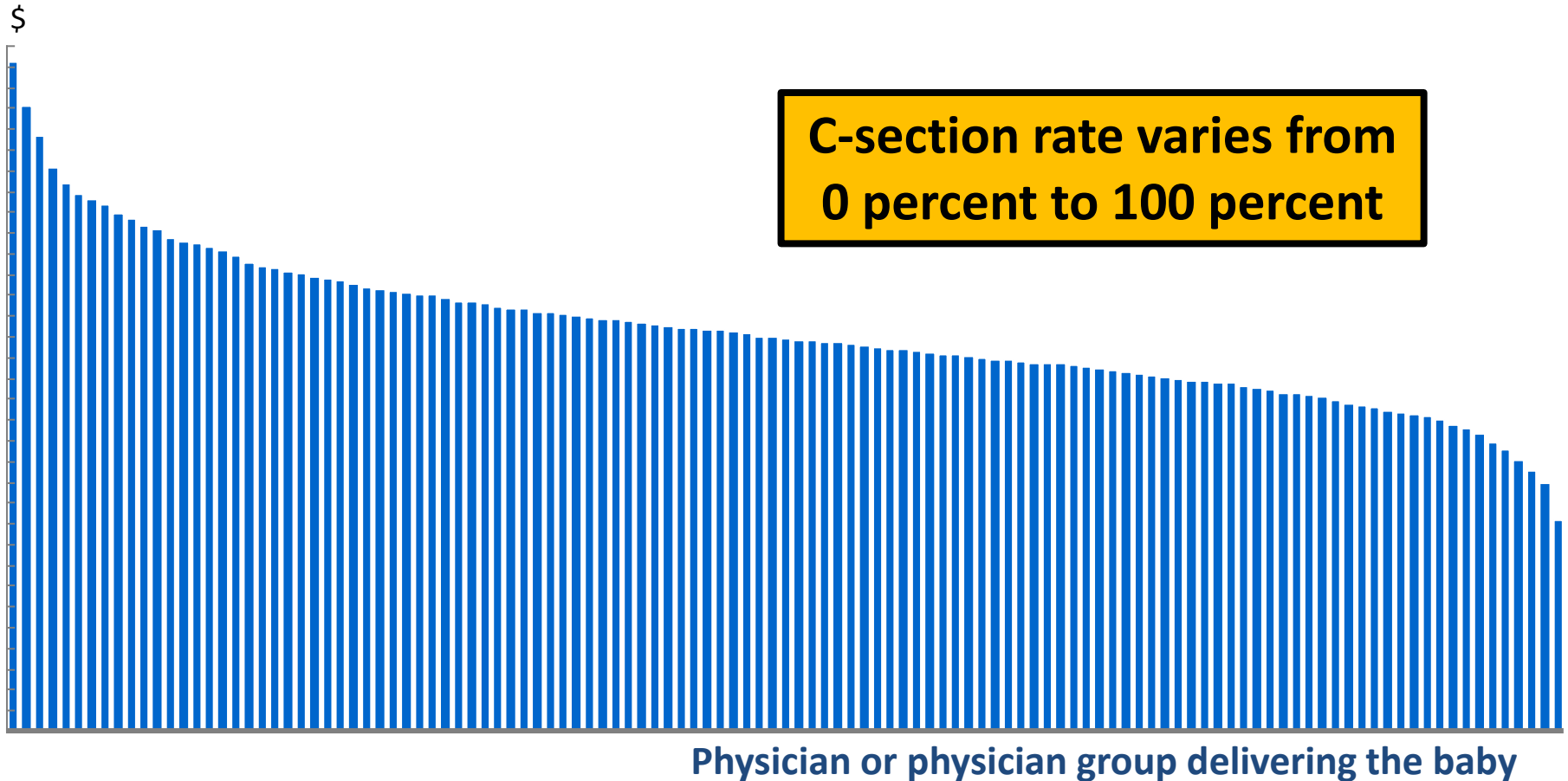
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**One driver of variation is the decision on whether or not to admit the patient**

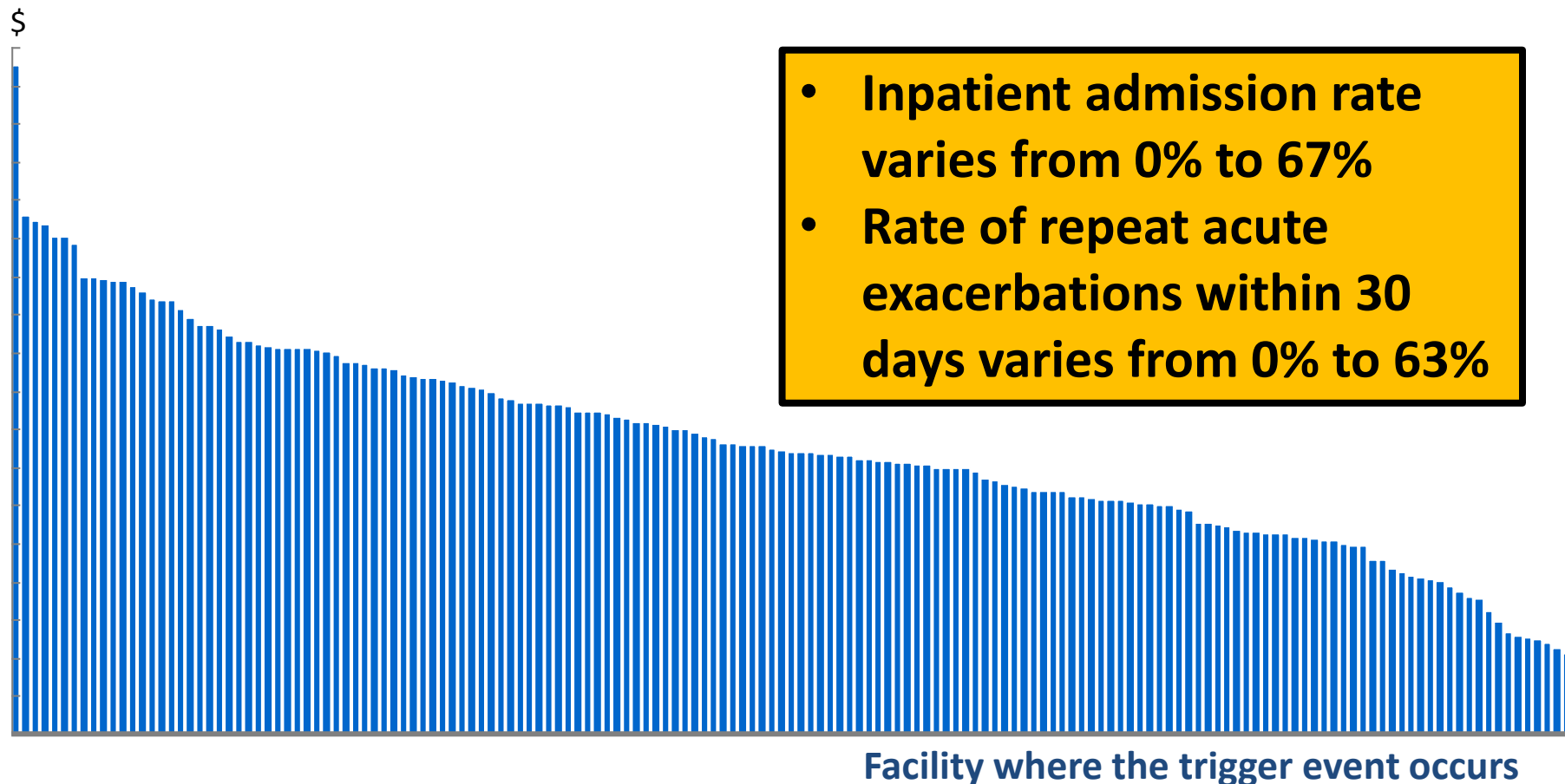
# Variation across the perinatal episode

Average cost per episode, risk adjusted, excluding outliers



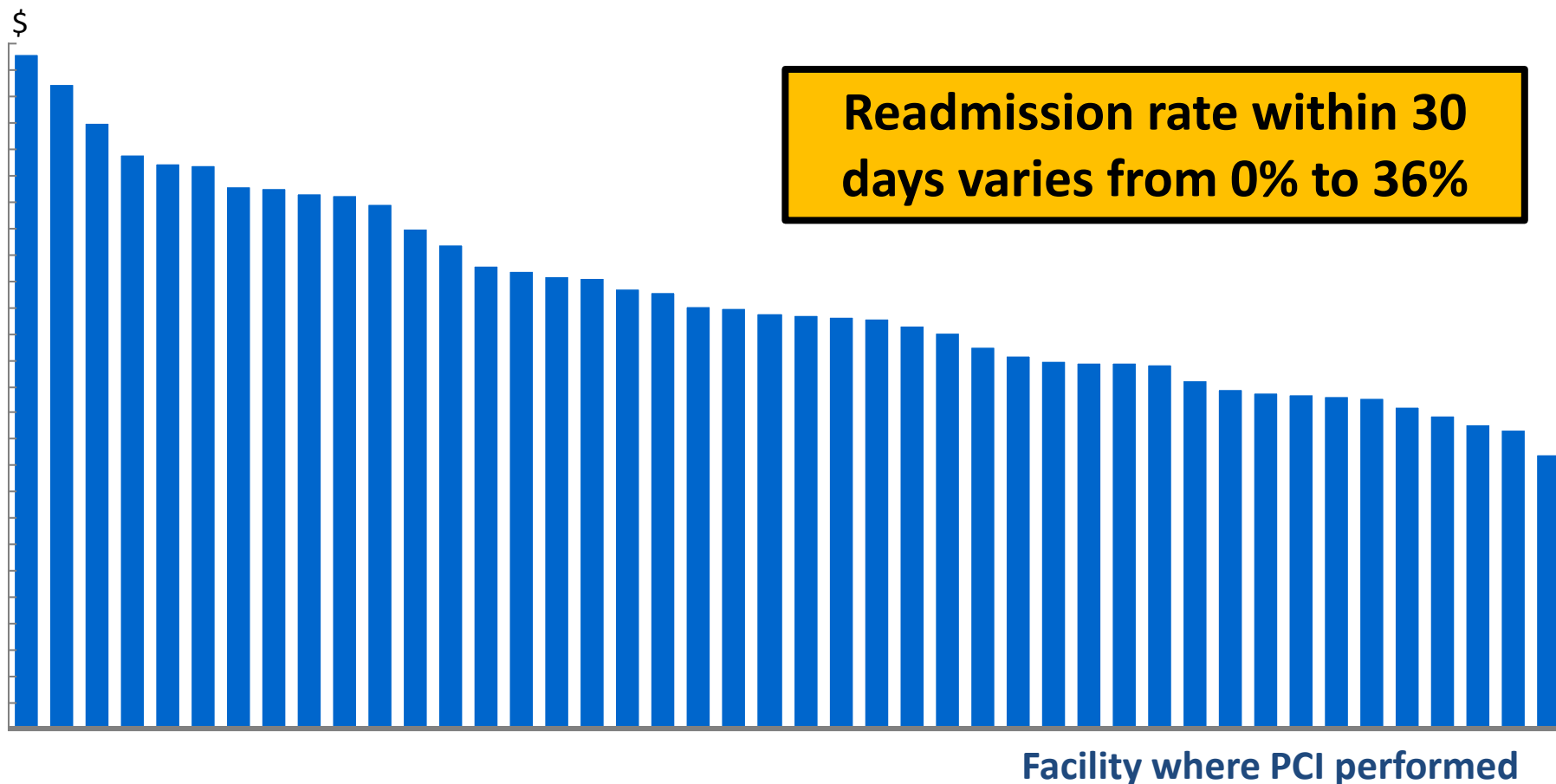
# Variation across the COPD Acute Exacerbation episode

Average cost per episode, risk adjusted, excluding outliers



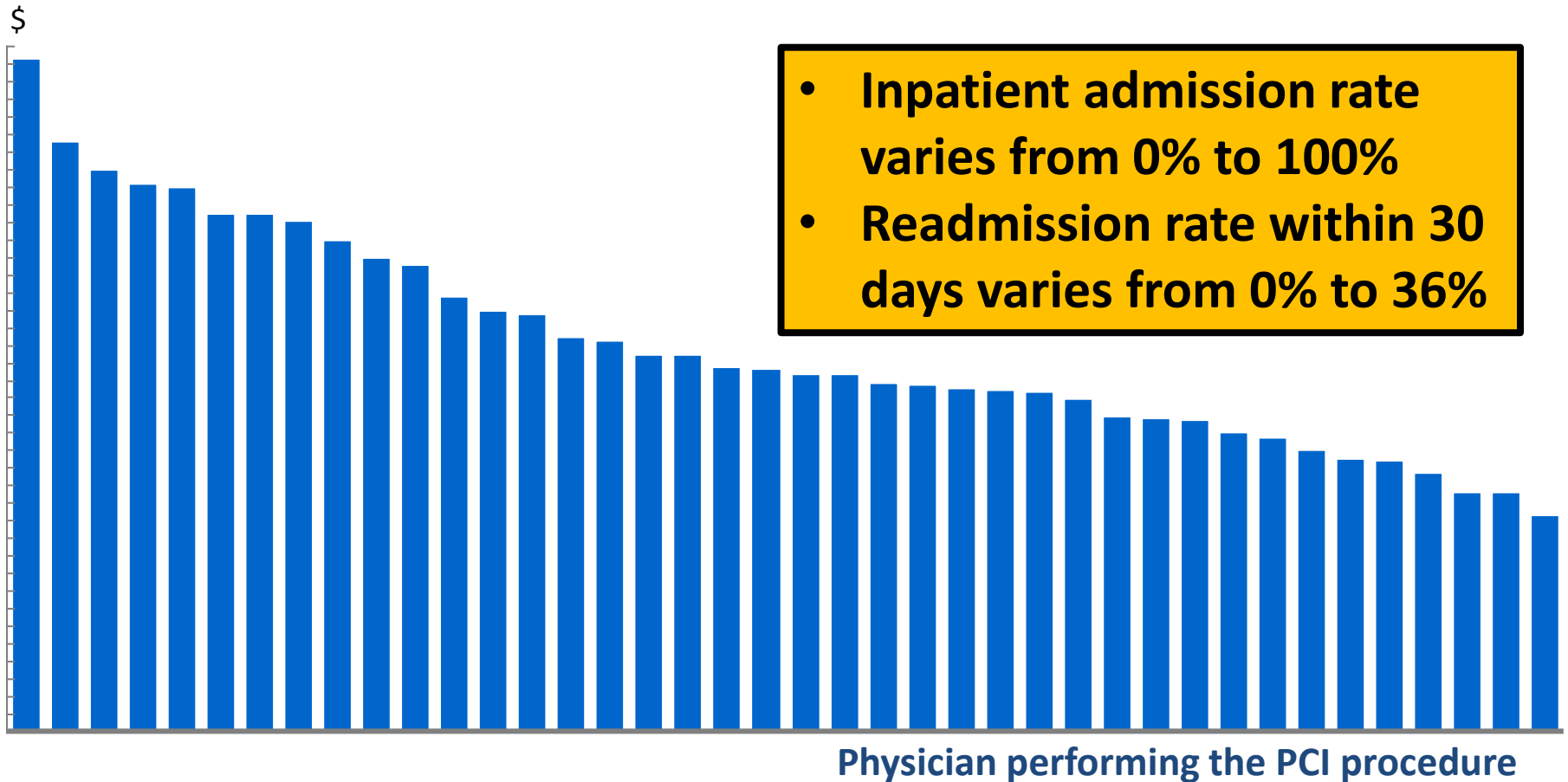
# Variation across the Acute PCI episode

Average cost per episode, risk adjusted, excluding outliers



# Variation across the Non-Acute PCI episode

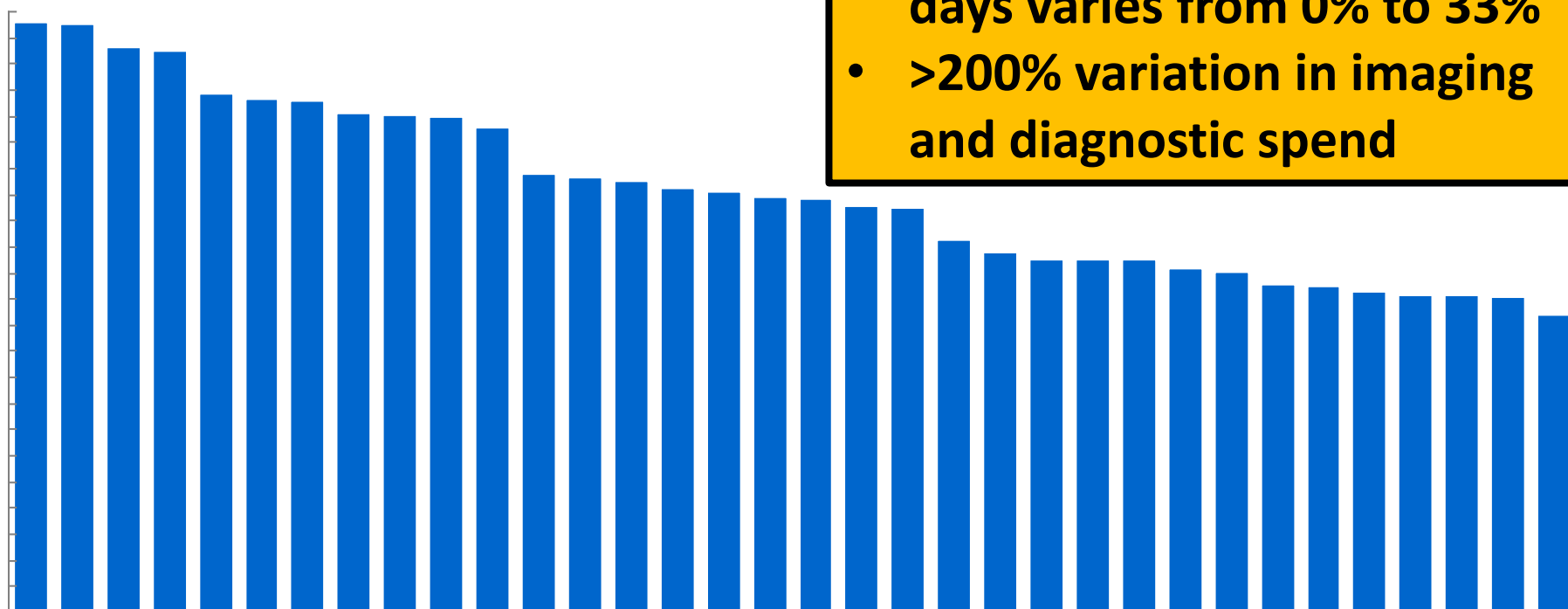
Average cost per episode, risk adjusted, excluding outliers



# Variation across the Total Joint Replacement episode

Average cost per episode, risk adjusted, excluding outliers

\$



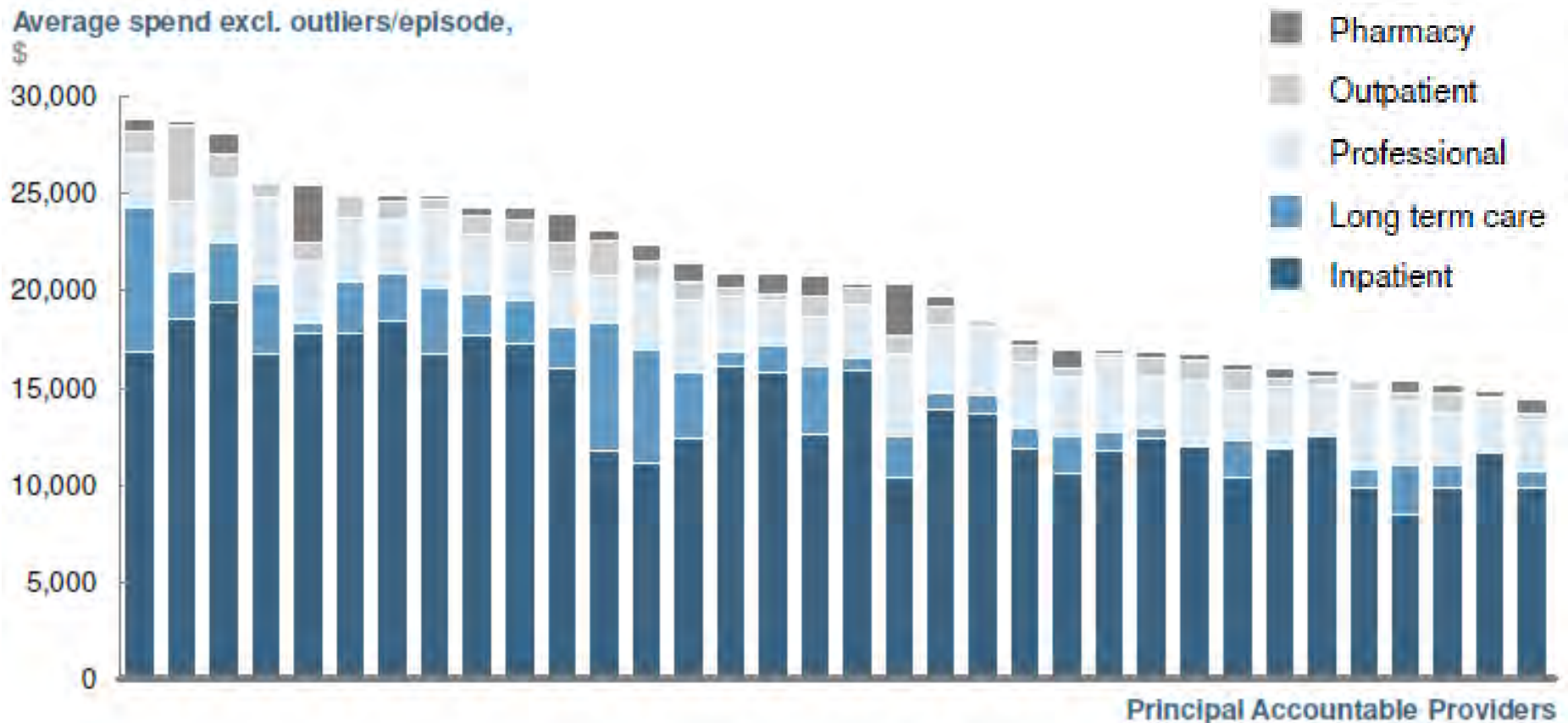
Orthopedic surgeon performing the TJR procedure



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NOTES: Average episode spend distribution for PAPs with five or more episodes; each vertical bar represents the average spend for one PAP.  
SOURCE: Analysis of Ohio Medicaid claims data, 2011-12.

# Total Joint Replacement Episode Distribution by Claim Type



## Health Transformation Next Steps

- Communicate next steps on payment innovation to health care provider associations and all stakeholders (Dec 5)
- Expect Ohio to receive federal SIM Test Award (Nov/Dec)
- Announce the official release date for episode reports
- Coordinate Ohio's Provider Transformation Network federal grant application (Jan 6)
- SIM Test Award activities (Jan 2015 – Dec 2018)
- Launch reporting for first six episodes (Q1 2015)



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CURRENT INITIATIVES

BUDGETS

NEWSROOM

CONTACT

VIDEO



### *Current Initiatives*

#### Modernize Medicaid

Extend Medicaid coverage to more low-income Ohioans  
Reform nursing facility reimbursement  
Integrate Medicare and Medicaid benefits  
Prioritize home and community based services  
Create health homes for people with mental illness  
Rebuild community behavioral health system capacity  
Enhance community developmental disabilities services  
Improve Medicaid managed care plan performance

#### Streamline Health and Human Services

Implement a new Medicaid claims payment system  
Create a cabinet-level Medicaid department  
Consolidate mental health and addiction services  
Simplify and integrate eligibility determination  
Coordinate programs for children  
Share services across local jurisdictions

#### Pay for Value

Engage partners to align payment innovation  
Provide access to patient-centered medical home  
Implement episode-based payments  
Coordinate health information technology infrastructure  
Coordinate health sector workforce programs  
Support regional payment reform initiatives  
Federal Health Insurance Exchange

### Ohio's State Innovation Model (SIM) Test Grant Application:

- Population Health Plan
- Delivery System Plan
- Payment Models
- Regulatory Plan
- HIT Plan
- Stakeholder Engagement
- Quality Measurement

### Payment Models:

- PCMH Charter
- Episode Charter
- Overview Presentation



## Department of Medicaid

John R. Kasich, Governor

John B. McCarthy, Director

GO



HOME

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### Payment Innovation

The Ohio Department of Medicaid has joined the Governor's Office of Health Transformation to engage public and private sector partners in designing a new health care delivery payment system that rewards the value of services – not the volume.

In early 2013, the Governor's Advisory Council for Payment Reform was convened to seek input and set clear expectations for better health, better care, and cost savings through improved payment. As part of the effort, Ohio applied and received a State Innovation Model (SIM) design grant from the Center for Medicare and Medicaid Innovation (CMMI). The State of Ohio's proposal centers around design payment models that increase access to patient-centered medical homes and support retrospective episode-based payments for acute medical events.

[Transforming Payment for a Healthier Ohio](#)

### Information for Providers

#### [Episode Definitions:](#)

Detailed definitions for perinatal, asthma, chronic obstructive pulmonary disease, total joint replacement, and percutaneous coronary intervention episodes.

**Detailed Business Requirements** - Detailed definitions of and associated coding algorithms

- [Perinatal](#)
- [Asthma and Chronic Obstructive Pulmonary Disease](#)
- [Total Joint Replacement](#)
- [Percutaneous coronary intervention \(acute and non-acute\) episodes](#)

**Code Tables** - Excel spreadsheets of code detail for:

- [Perinatal](#)
- [Asthma](#)
- [Chronic Obstructive Pulmonary Disease](#)
- [Total Joint Replacement](#)
- [Percutaneous Coronary Intervention \(acute and non-acute\) episodes](#)

#### [Risk Adjustment Document:](#)

Detailed description of principles and process of risk adjustment for episode-based payment model.

[Episode Frequently Asked Questions](#)

### Details for Providers:

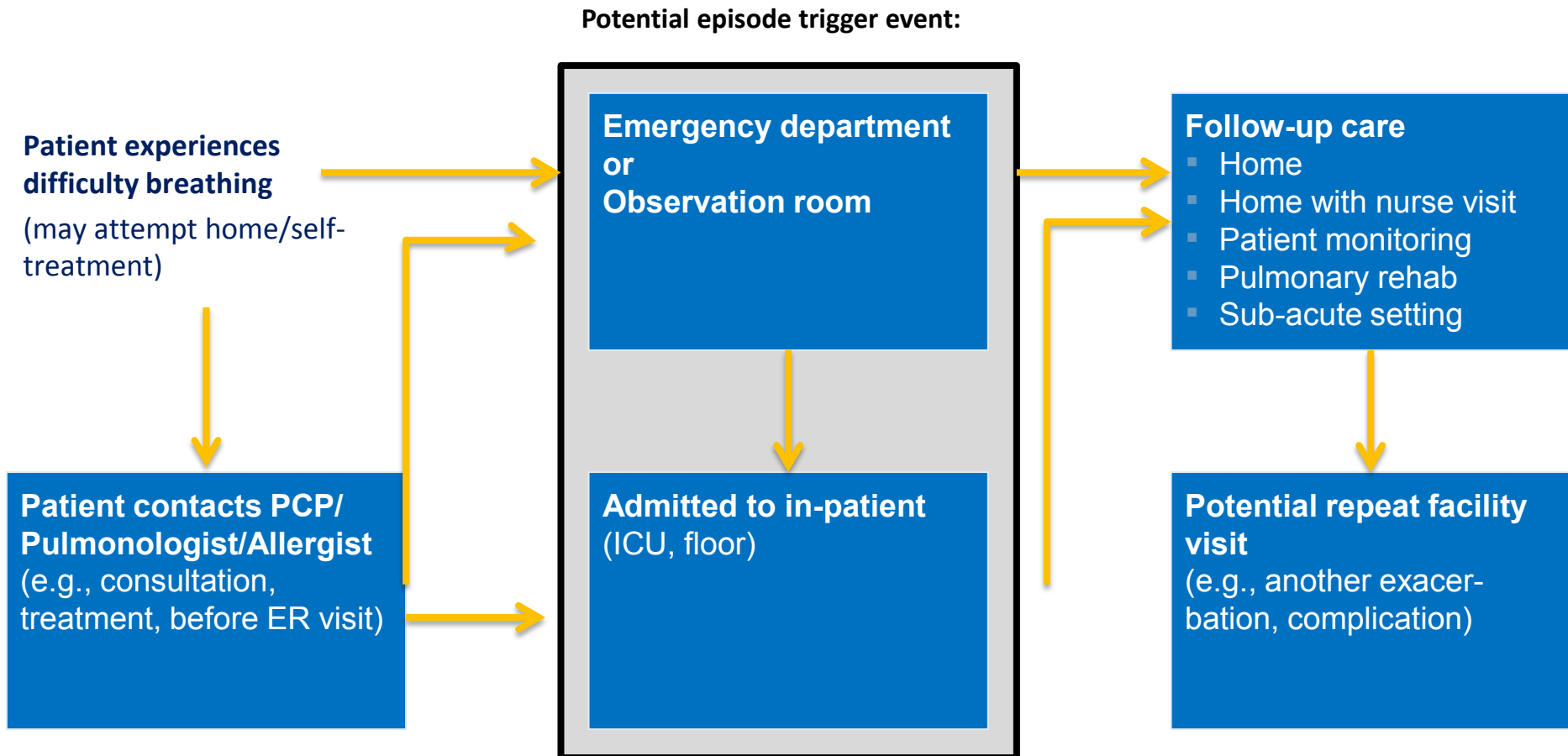
- **Episode Definitions**
- **Business Requirements**
- **Code Tables**
- **Risk Adjustment**



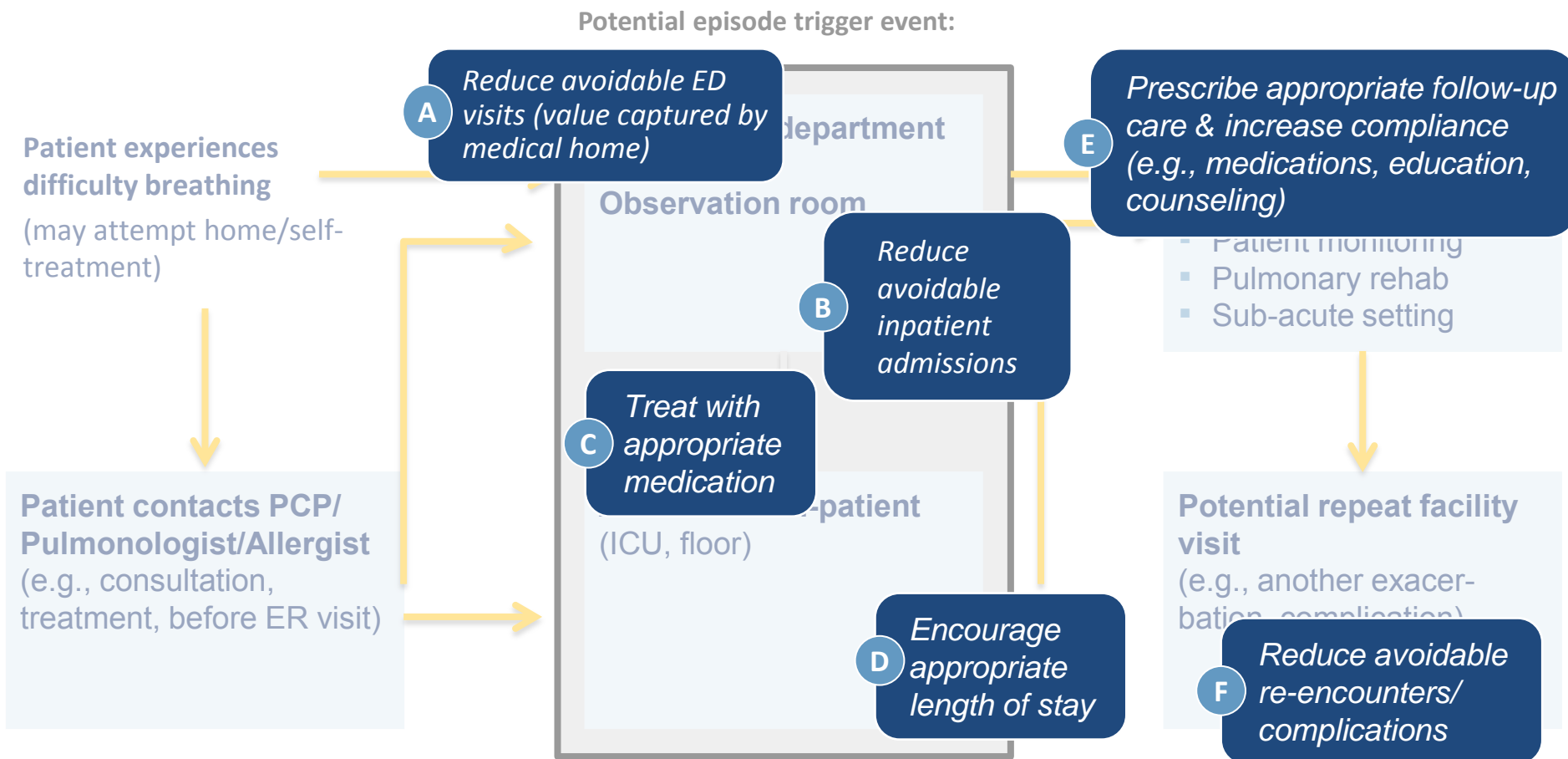
Governor's Office of  
Health Transformation

1. Ohio Approach to Paying for Value Instead of Volume
2. Patient-Centered Medical Home Model
3. Episode-Based Payment Model
- 4. Episode Detail: Asthma Acute Exacerbation**

# Asthma Acute Exacerbation: Patient Journey



# Asthma Acute Exacerbation: Sources of Value



# Elements of the episode definition

Category	Description
1 Episode trigger	<ul style="list-style-type: none"><li>Diagnoses or procedures and corresponding claim types and/or care settings that characterize a potential episode</li></ul>
2 Episode window	<ul style="list-style-type: none"><li><b>Pre-trigger window:</b> Time period prior to the trigger event; relevant care for the patient is included in the episode</li><li><b>Trigger window:</b> Duration of the potential trigger event (e.g., from date of inpatient admission to date of discharge); all care is included</li><li><b>Post-trigger window:</b> Time period following trigger event; relevant care and complications are included in the episode</li></ul>
3 Claims included	
4 Principal accountable provider	<ul style="list-style-type: none"><li>Provider who may be in the best position to assume principal accountability in the episode based on factors such as decision making responsibilities, influence over other providers, and portion of the episode spend</li></ul>
5 Quality metrics	<ul style="list-style-type: none"><li>Measures to evaluate quality of care delivered during a specific episode</li></ul>
6 Potential risk factors	<ul style="list-style-type: none"><li>Patient characteristics, comorbidities, diagnoses or procedures that may potentially indicate an increased level of risk for a given patient in a specific episode</li></ul>
7 Episode-level exclusions	<ul style="list-style-type: none"><li>Patient characteristics, comorbidities, diagnoses or procedures that may potentially indicate a type of risk that, due to its complexity, cost, or other factors, should be excluded entirely rather than adjusted</li></ul>

# Asthma Acute Exacerbation: Definitions (1/5)

## Category

## Episode base definition

An inpatient, outpatient ED visit (revenue codes 045x) or outpatient observation room visit (revenue codes 076x) with a diagnosis from the following list:

### ICD-9 Dx asthma-specific trigger codes:

- 493.00-493.02 – Extrinsic asthma, unspecified, with status asthmaticus and with (acute) exacerbation, respectively
- 493.10-493.12 – Intrinsic asthma, unspecified, with status asthmaticus and with (acute) exacerbation, respectively
- 493.20-493.22 – Chronic obstructive asthma, unspecified, with status asthmaticus and with (acute) exacerbation, respectively
- 493.81 – Exercise induced bronchospasm
- 493.82 – Cough variant asthma
- 493.90-493.92 – Asthma, unspecified type, unspecified, with status asthmaticus and with (acute) exacerbation, respectively
- 519.11 – Acute bronchospasm

### ICD-9 Dx contingent trigger codes:

- 786.00 – Respiratory abnormality, unspecified
- 786.05 – Shortness of breath
- 786.07 – Wheezing
- 786.09 – Dyspnea and respiratory abnormalities; other
- 786.90 – Other symptoms involving resp. system and chest
- 519.8,9 – Respiratory disease NEC
- Respiratory failure – 518.8

1

## Episode trigger

2

## Episode window

**The start of the trigger window through 30 days after the end of the trigger window**

- *Trigger window:* the day of admission for the trigger through the day of discharge from the trigger facility. When the trigger doesn't occur in an inpatient setting, the trigger window begins and ends on the day of the trigger
- *Post-trigger window:* 1 day after the end of the trigger window through 30 days after the end of the trigger window

**Contingent trigger codes only act as a trigger if the patient had an asthma-specific trigger code on any claim within 365 days prior to or up to 30 days after the trigger claim**

SOURCE: Ohio Episode-Based Payment Model  
Clinical Design Team definitions.

# Asthma Acute Exacerbation: Definitions (2/5)

Category	Episode base definition
3 Claims included	<p><b>Included claims vary by time window</b></p> <p><i>Trigger window:</i> All claims</p> <p><i>Post-trigger window<sup>1</sup>:</i></p> <ul style="list-style-type: none"><li>▪ Relevant diagnoses<ul style="list-style-type: none"><li>— Examples include pneumonia, acute sinusitis, laryngitis, hyperventilation, apnea, cough, throat pain, acute respiratory failure, emphysema</li></ul></li><li>▪ Relevant labs<ul style="list-style-type: none"><li>— Examples include chest x-rays, chest CT, chest MRI, lung function tests</li></ul></li><li>▪ Relevant DME<ul style="list-style-type: none"><li>— Examples include oxygen delivery systems, nebulizers, ventilators, humidifiers, spirometers</li></ul></li><li>▪ Relevant pharmacy<ul style="list-style-type: none"><li>— Examples include decongestants, antihistamines, smoking deterrents, analgesics, narcotics, glucocorticoids, proton-pump inhibitors</li></ul></li><li>▪ Hospitalizations, except exclusions<ul style="list-style-type: none"><li>— Exclusion list includes cardiovascular, pulmonary, dermatological, ophthalmological, orthopedic, otolaryngological, digestive, renal, i.e., diagnoses and procedures not directly related to the asthma acute exacerbation or common complications thereof</li></ul></li></ul>
4 Principal accountable provider	<p><b>Facility where the trigger event occurs</b></p> <ul style="list-style-type: none"><li>▪ In case of a transfer, the first facility (i.e., the one from which the patient is transferred) is the PAP</li></ul>

SOURCE: Ohio Episode-Based Payment Model Clinical Design Team definitions.

# Asthma Acute Exacerbation: Definitions (3/5)

## Category

## Episode base definition

*Linked to gain sharing:*

- Percent of episodes with a follow-up visit within 30 days
- Percent of episodes with a filled prescription for controller medication (based on HEDIS list)

*For reporting only:*

- Percent of episodes with a repeat exacerbation within 30 days
  - Same codes as trigger
- Percent of episodes in IP vs. ED/Obs treatment setting
  - IP identified by bill types
  - ED/Obs identified by revenue codes and bill types
- Percent of episodes with smoking cessation counseling
- X-ray utilization rate<sup>1</sup>
- Percent of episodes with a follow-up visit within 7 days

### Potential quality metrics for v2

- Asthma action plan
- Reporting on utilization of spacers and peak flow meters
- Link to PCP / PCMH

5

Quality metrics

# Asthma Acute Exacerbation: Definitions (4/5)

Category	Episode base definition
<div>6</div> <div>Potential risk factors</div>	Model to be consistent across all Medicaid plans, may vary for commercial
	<ul style="list-style-type: none"> <li>Age less than 10</li> <li>Age between 10 and 19 (inclusive)</li> <li>Age between 40 and 49 (inclusive)</li> <li>Age between 50 and 59 (inclusive)</li> <li>Age greater than 59</li> <li>Atelectasis</li> <li>Blood disorders and anemia</li> <li>Cardiac dysrhythmias</li> <li>Developmental and intellectual disabilities</li> <li>Diabetes</li> <li>Epilepsy</li> <li>Esophageal disorders</li> <li>Heart disease</li> <li>Heart failure</li> <li>Malignant hypertension</li> <li>Obesity</li> <li>Pneumonia</li> <li>Pulmonary heart disease</li> <li>Respiratory failure (specific)</li> <li>Respiratory failure, insufficiency, and arrest</li> <li>Sickle cell anemia</li> <li>Substance abuse</li> <li>Suicide and intentional self-harm</li> </ul>

# Asthma Acute Exacerbation: Definitions (5/5)

## Category

## Episode base definition

### *Clinical exclusions:*

- Death
- Left against medical advice
- Age < 2 ; age > 64
- Comorbidities<sup>1</sup>
  - Cancer under active management
  - End stage renal disease
  - HIV
  - Organ transplant
  - Bronchiectasis
  - Cancer of respiratory system
  - Cystic fibrosis
  - ICU stay >72hrs
  - Intubation
  - Multiple sclerosis
  - Other lung disease
  - Oxygen during post-trigger window
  - Paralysis
  - Tracheostomy
  - Tuberculosis
  - Multiple other comorbidities

### *Business exclusions:*

- Inconsistent enrollment
- Third party liability
- Dual eligibility
- Exempt PAP
- PAP out of state
- No PAP
- Long hospitalization (>30 days)
- Long-term care
- Missing APR-DRG
- Incomplete episodes (non-risk-adjusted spend is less than the low cost threshold)

### *Outliers:*

- High outlier (risk-adjusted spend is greater than the high outlier threshold)

7

Episode  
level  
exclusions

1 Comorbidities are identified in claims during the episodes and up to 365 prior to the episode start

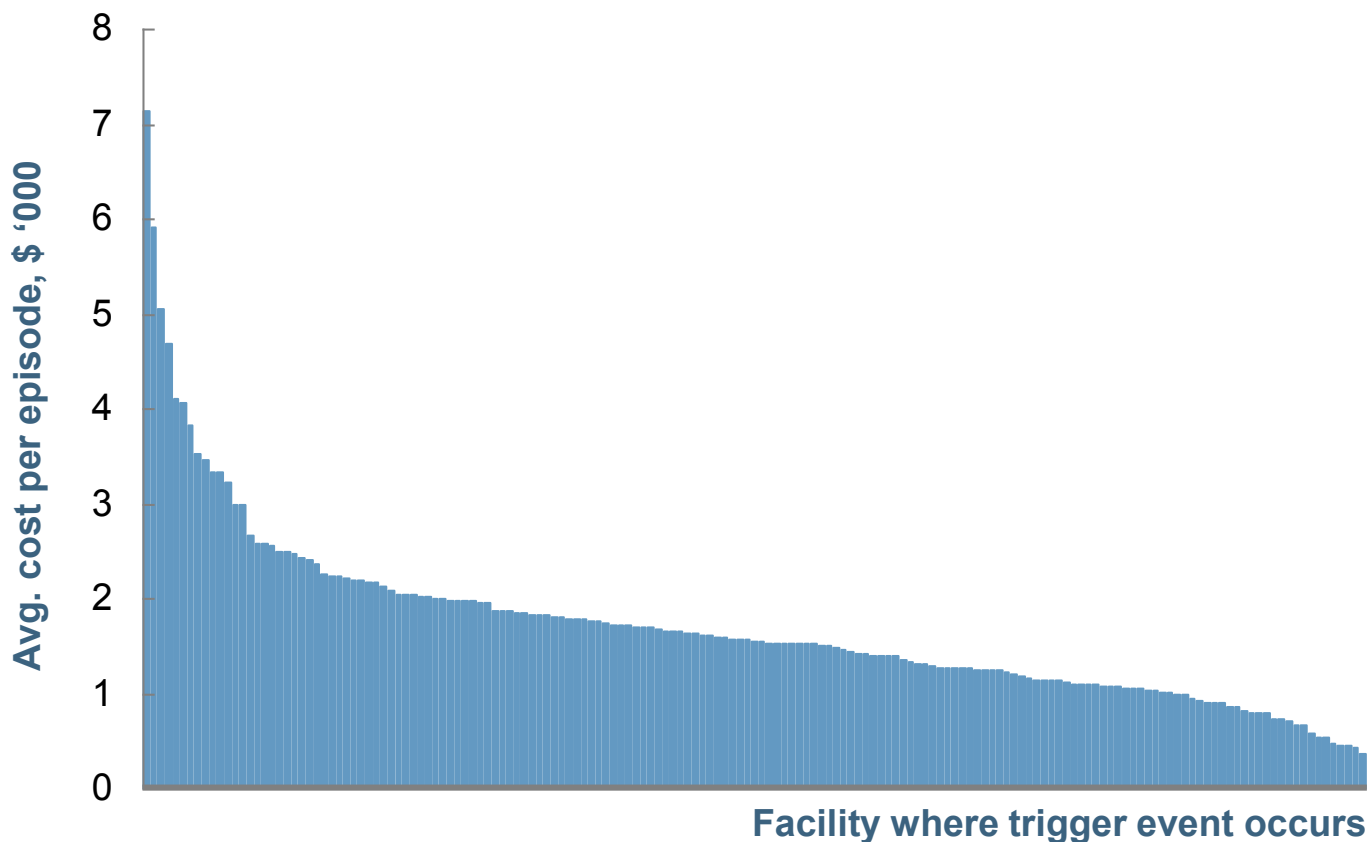
2 Intubation and ICU stay are only an exclusion if occurring during the trigger window

3 Oxygen is only an exclusion in the post-trigger window

# Asthma Acute Exacerbation: Provider Performance

## Distribution of provider average episode cost

\$ in thousands



- **Unadjusted episode cost, no exclusions**
- Average cost after episode exclusions (e.g., clinical, incomplete data)
- Average cost after removal of impact of medical education and capital
- Average cost after risk adjustment and removal of high cost outliers

# Asthma Acute Exacerbation: Provider Performance

Distrib  
\$ in the

Avg. cost per episode, \$ '000

## ***Business exclusions***

- Inconsistent enrollment
- Third party eligibility
- Dual eligibility
- Exempt PAP
- PAP out of state
- No PAP
- Long hospitalization (>30 days)
- Long-term care
- Missing APR-DRG
- Incomplete episodes

## ***Clinical exclusions***

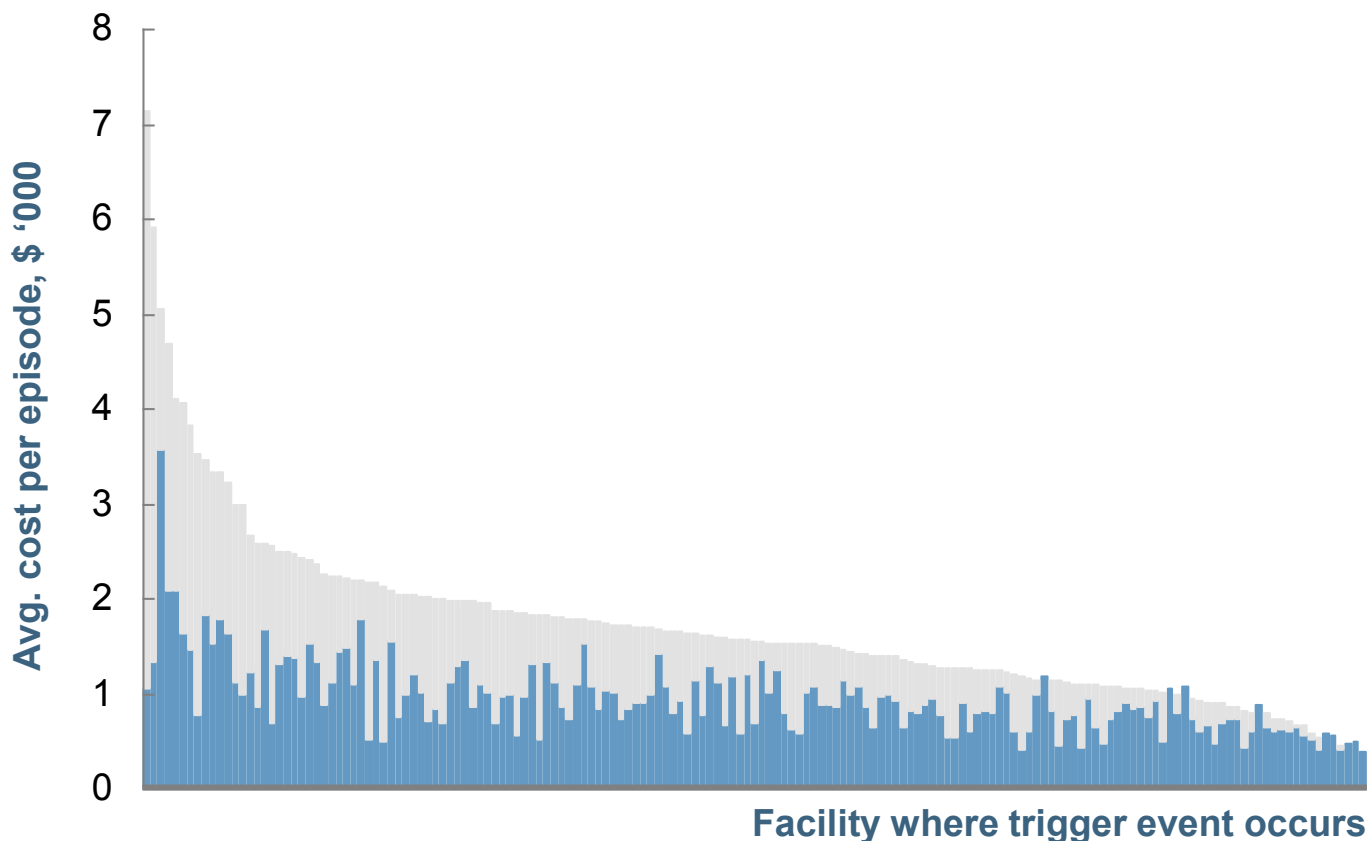
- Cancer (active management)
- End stage renal disease
- HIV
- Organ transplant
- Bronchiectasis
- Cancer (respiratory system)
- Cystic fibrosis
- ICU stay >72 hours
- Intubation
- Multiple sclerosis
- Other lung disease
- Oxygen (post-trigger window)
- Paralysis
- Tracheostomy
- Tuberculosis
- Multiple other comorbidities

- Unadjusted episode cost, no exclusions
- Average cost after episode exclusions (e.g., clinical, incomplete data)
- Average cost after removal of impact of medical education and capital
- Average cost after risk adjustment and removal of high cost outliers

# Asthma Acute Exacerbation: Provider Performance

## Distribution of provider average episode cost

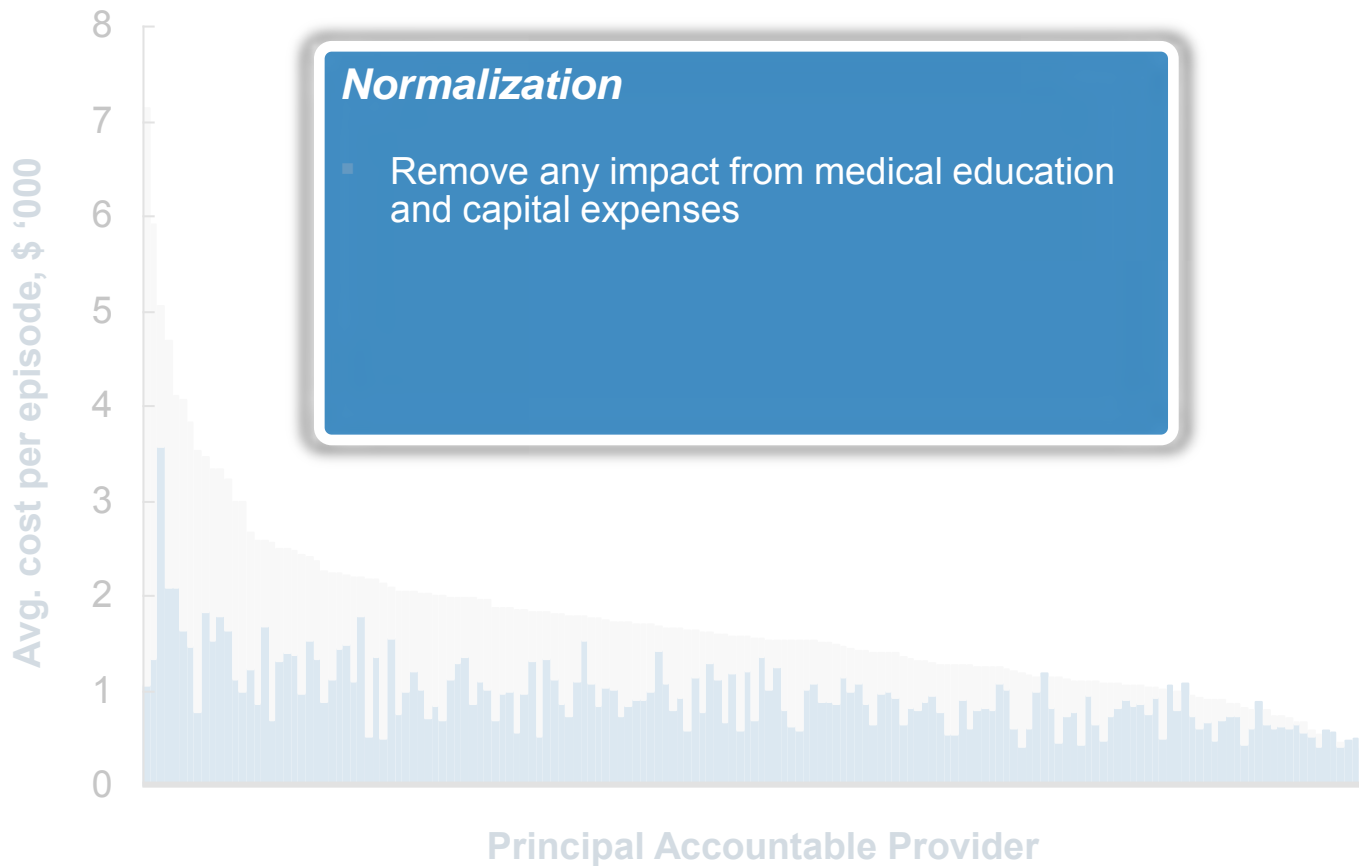
\$ in thousands



- Unadjusted episode cost – no exclusions
- **Average cost after episode exclusions (e.g., clinical, incomplete data)**
- Average cost after removal of impact of medical education and capital
- Average cost after risk adjustment and removal of high cost outliers

# Asthma Acute Exacerbation: Provider Performance

Distribution of provider average episode cost  
\$ in thousands

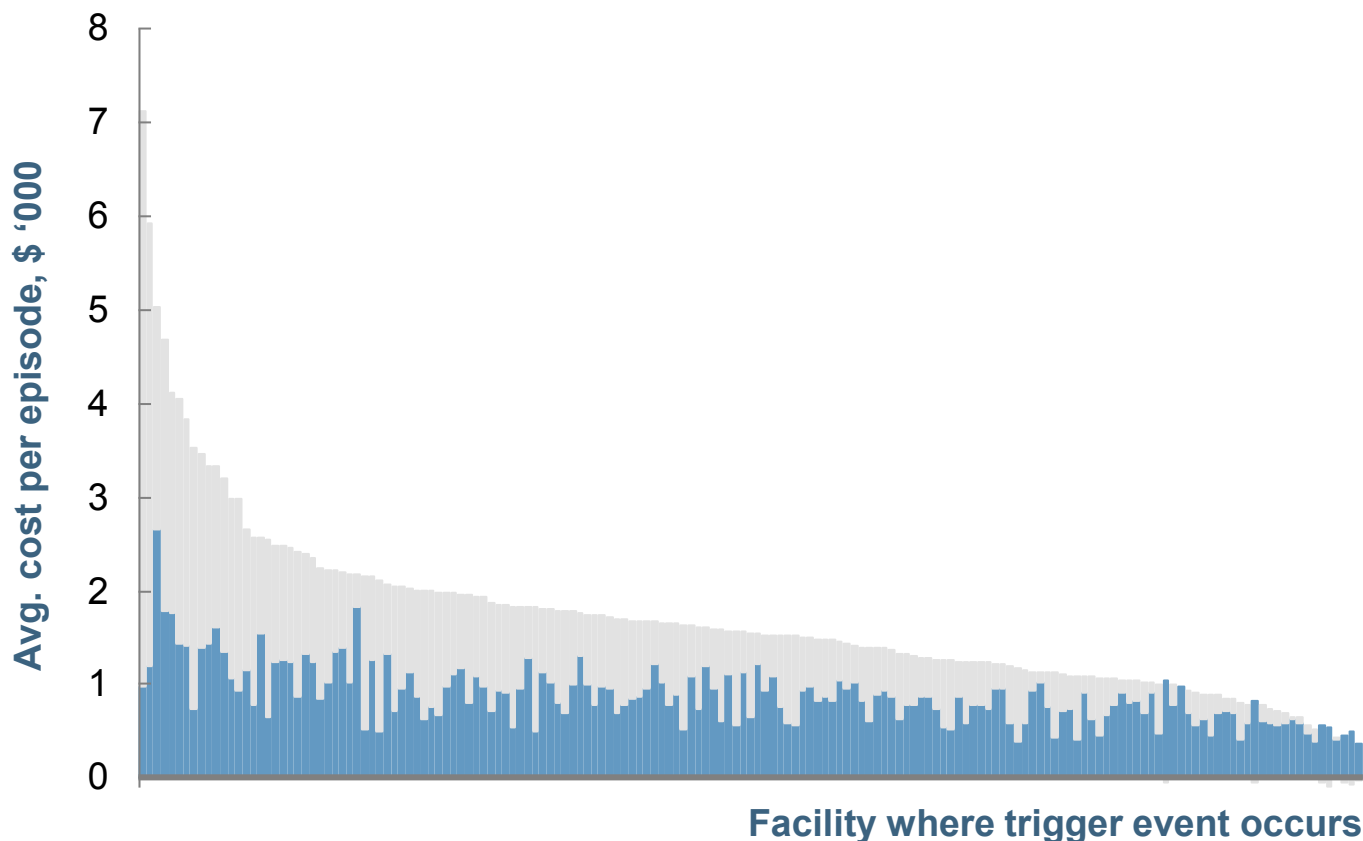


- Unadjusted episode cost, no exclusions
- Average cost after episode exclusions (e.g., clinical, incomplete data)
- Average cost after removal of impact of medical education and capital
- Average cost after risk adjustment and removal of high cost outliers

# Asthma Acute Exacerbation: Provider Performance

## Distribution of provider average episode cost

\$ in thousands



- Unadjusted episode cost, no exclusions
- Average cost after episode exclusions (e.g., clinical, incomplete data)
- **Average cost after removal of impact of medical education and capital**
- Average cost after risk adjustment and removal of high cost outliers

# Asthma Acute Exacerbation: Provider Performance

## Risk adjustment

- Adjust average episode cost down based on presence of clinical risk factors including:
  - Heart disease
  - Heart failure
  - Malignant hypertension
  - Obesity
  - Pneumonia
  - Pulmonary heart disease
  - Respiratory failure (specific)
  - Respiratory failure, insufficiency, and arrest
  - Sickle cell anemia
  - Substance abuse

## High cost outliers

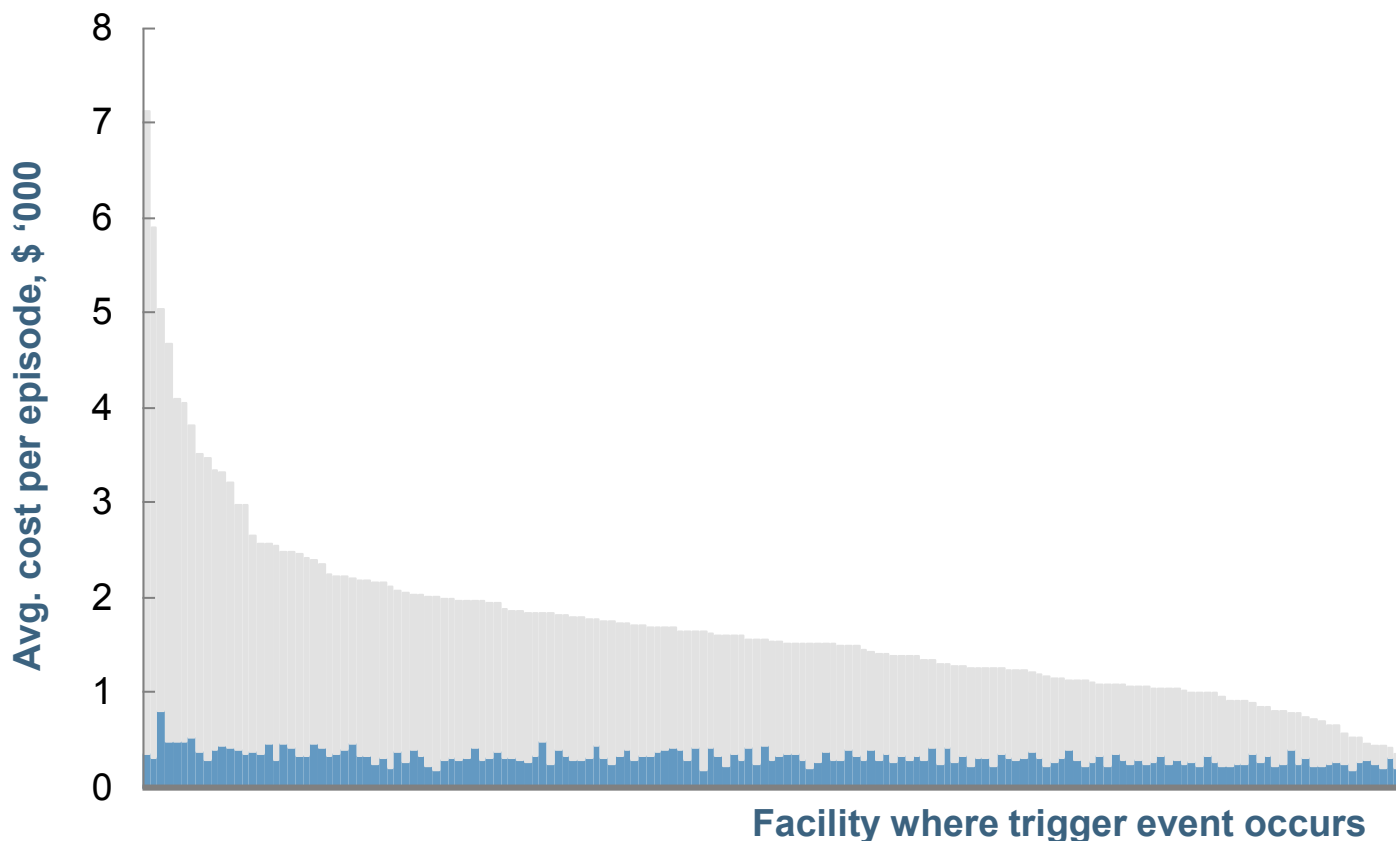
- Removal of any individual episodes that are more than three standard deviations above the *risk-adjusted* mean

- Unadjusted episode cost – no exclusions
- Average cost after episode exclusions (e.g., clinical, incomplete data)
- Average cost after removal of impact of medical education and capital
- Average cost after risk adjustment and removal of high cost outliers

# Asthma Acute Exacerbation: Provider Performance

## Distribution of provider average episode cost

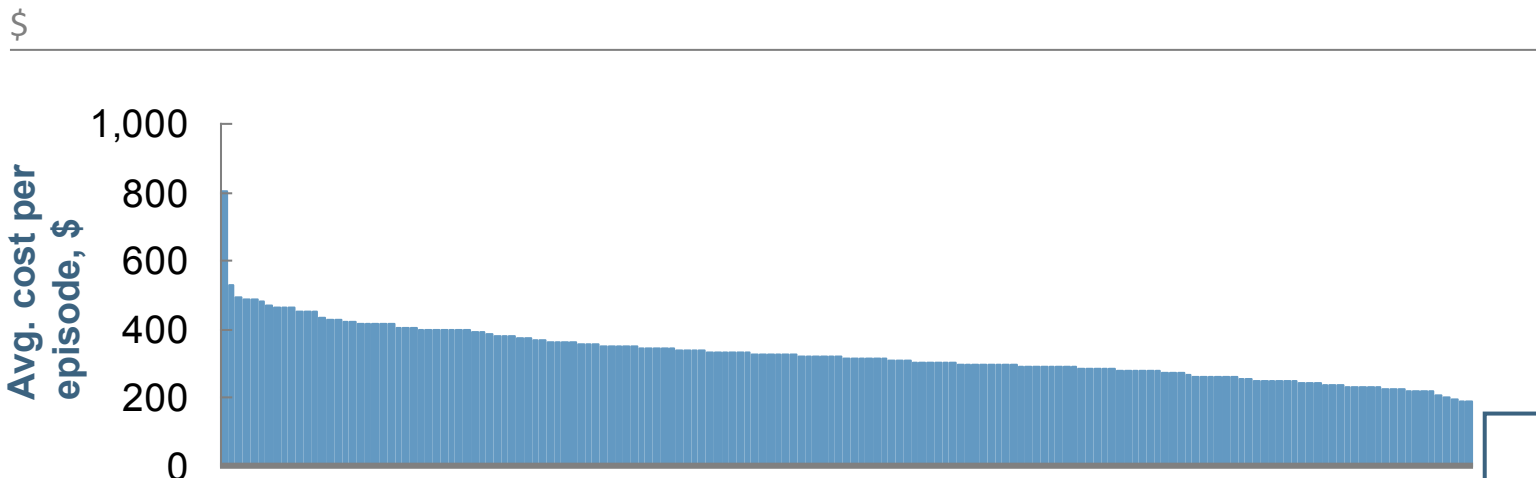
\$ in thousands



- Unadjusted episode cost, no exclusions
- Average cost after episode exclusions (e.g., clinical, incomplete data)
- Average cost after removal of impact of medical education and capital
- **Average cost after risk adjustment and removal of high cost outliers**

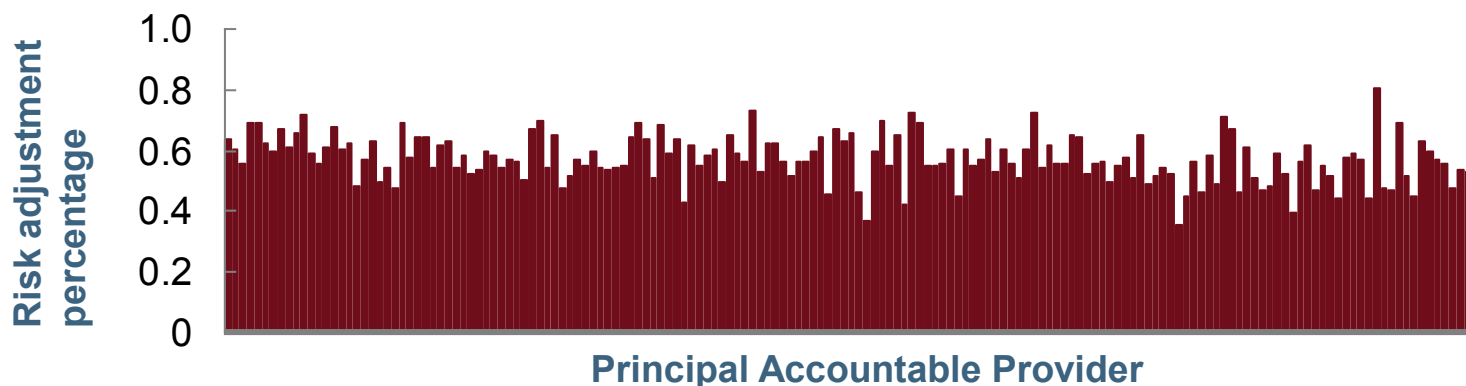
# Asthma Acute Exacerbation: Provider Performance

Distribution of provider average episode cost



Degree of risk adjustment distribution

Percent of risk adjustment per provider

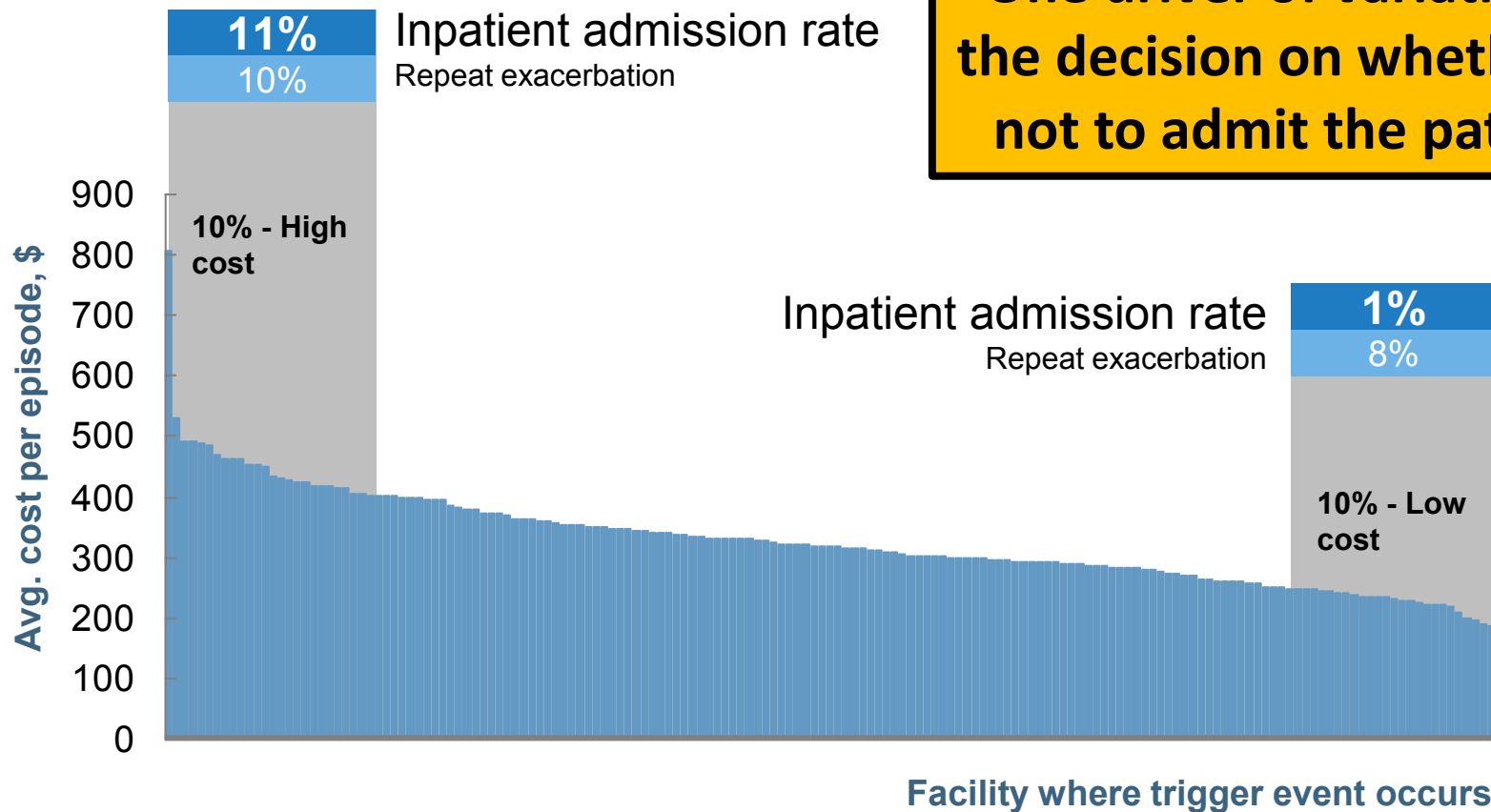


There is no correlation between average episode cost and level of risk

# Variation across the Asthma Acute Exacerbation episode

Distribution of provider average episode cost

\$





# Prevention: Prioritizing health and safety

Amy Bush Stevens, HPIO

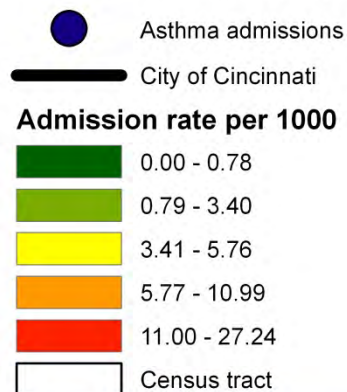
# Our goal is that by the end of this talk, you will...

- Have a better understanding of population health and prevention
- Be more aware of emerging policy opportunities to accelerate the shift toward population health and to change how we pay for prevention

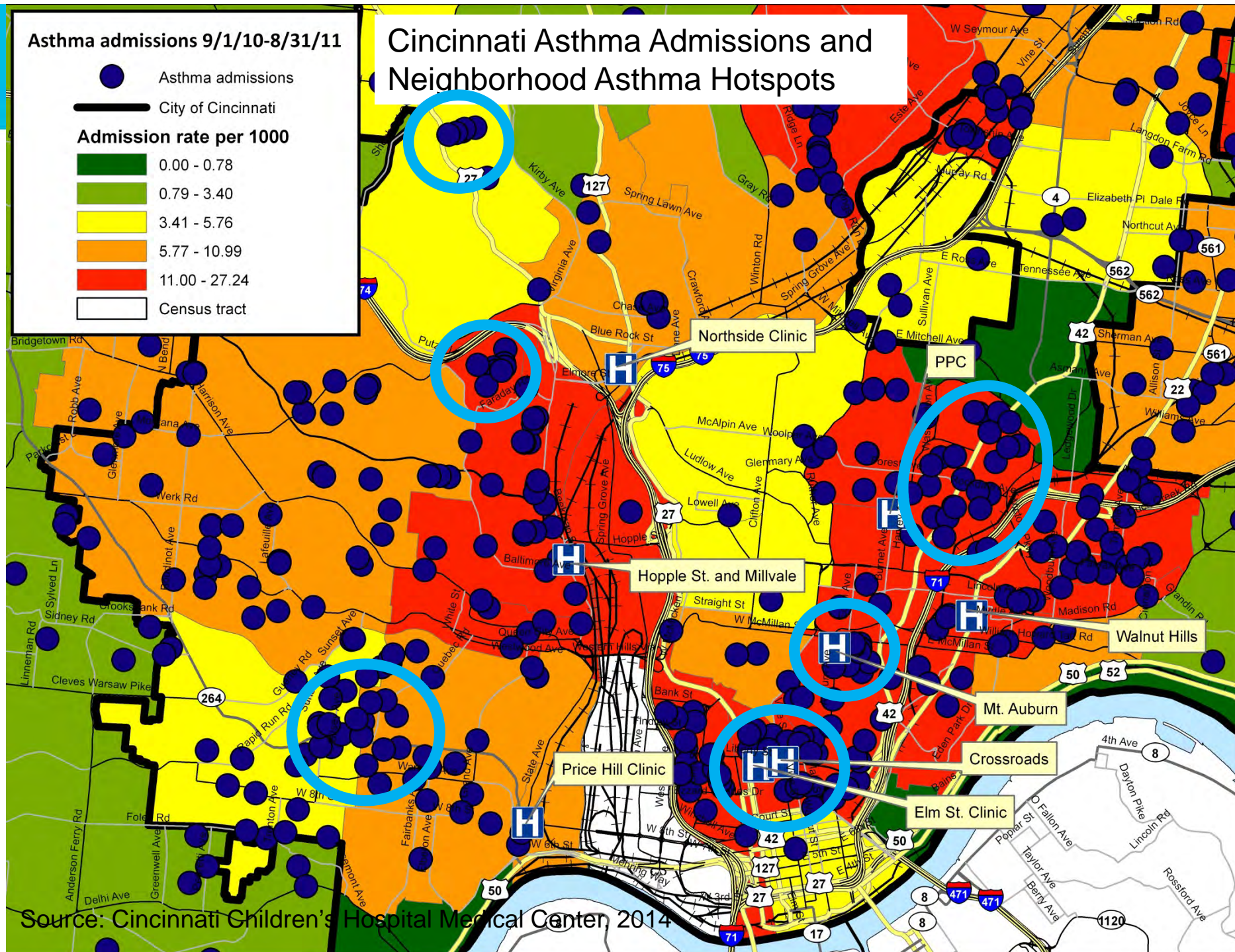




# Asthma admissions 9/1/10-8/31/11



## Cincinnati Asthma Admissions and Neighborhood Asthma Hotspots



Source: Cincinnati Children's Hospital Medical Center, 2014

# Asthma admissions 9/1/10-8/31/11



Legal Aid housing cases

City of Cincinnati

## Admission rate per 1000

0.00 - 0.78

0.79 - 3.40

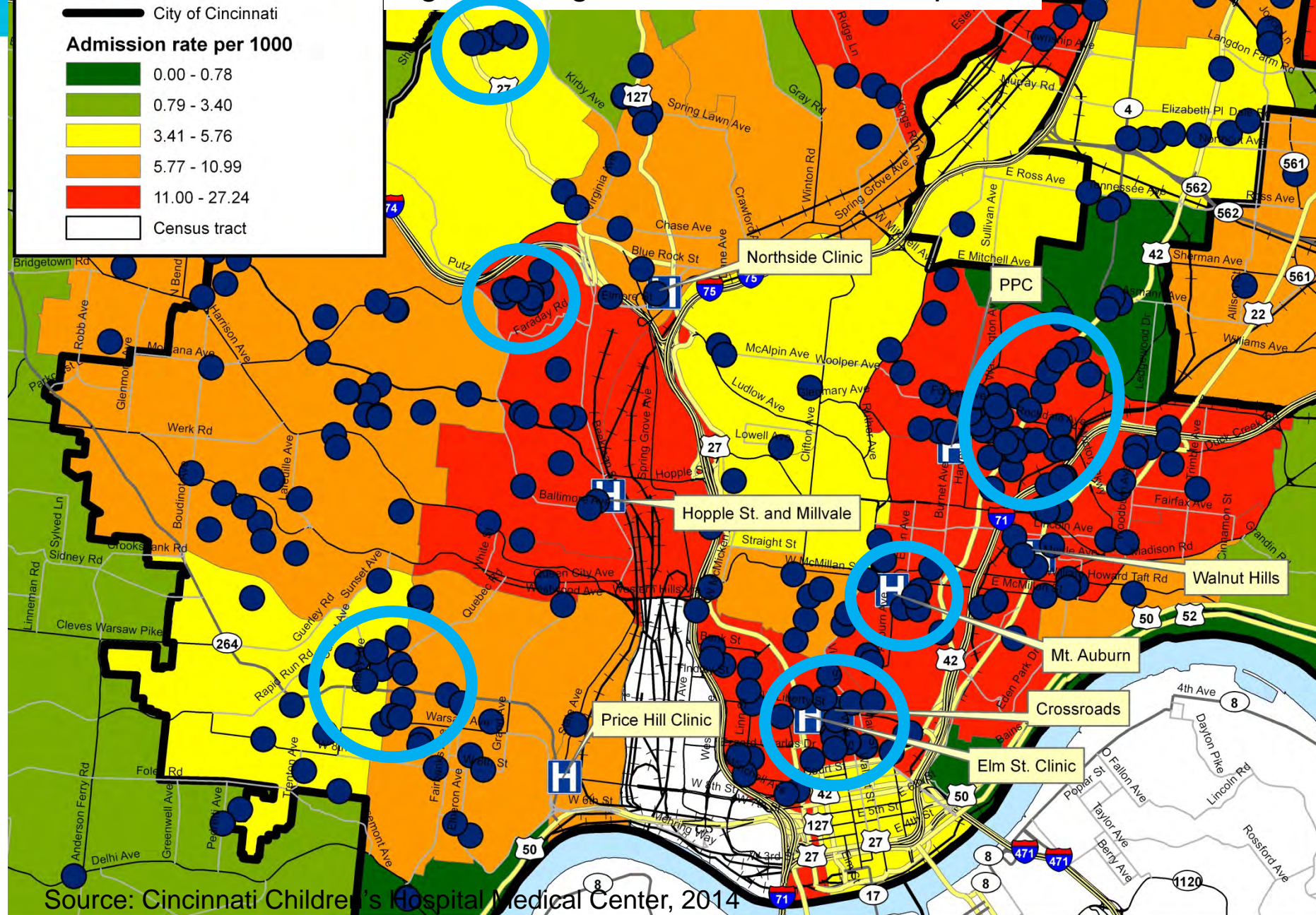
3.41 - 5.76

5.77 - 10.99

11.00 - 27.24

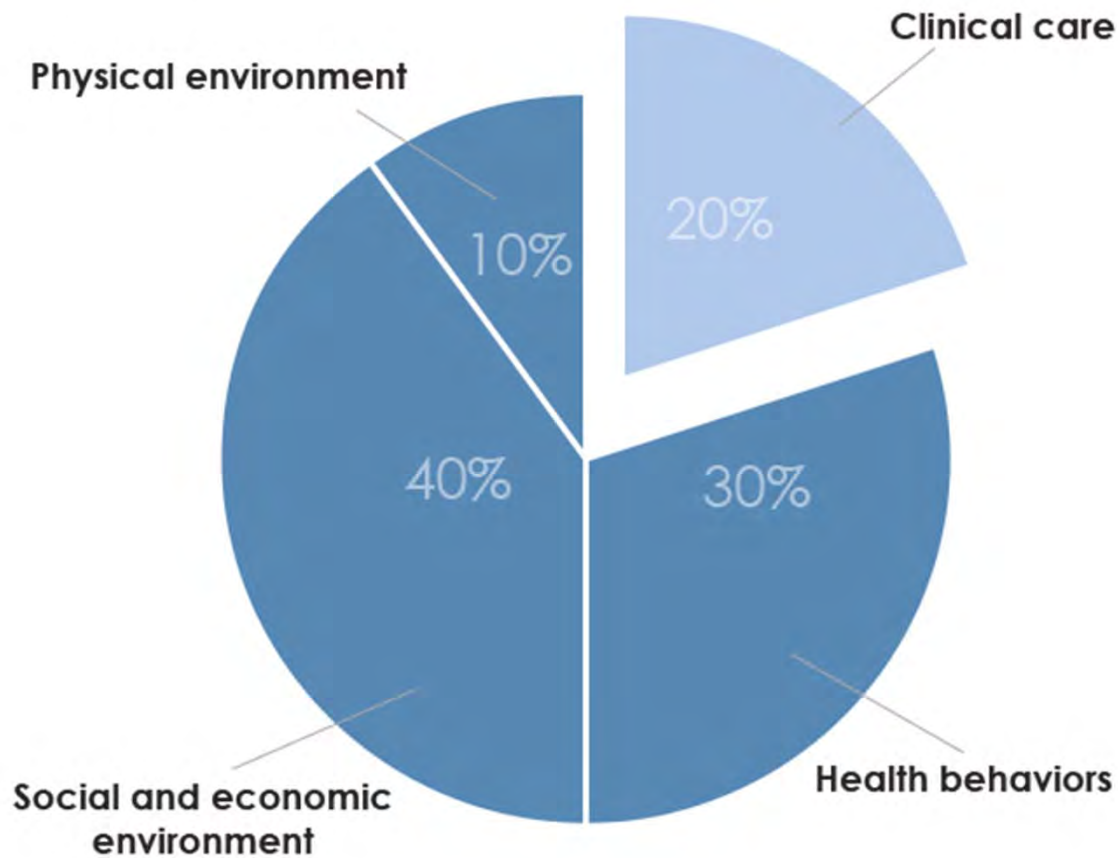
Census tract

## Legal Aid Housing Cases Mapped Against Neighborhood Asthma Hotspots



Source: Cincinnati Children's Hospital Medical Center, 2014

# Factors that influence health



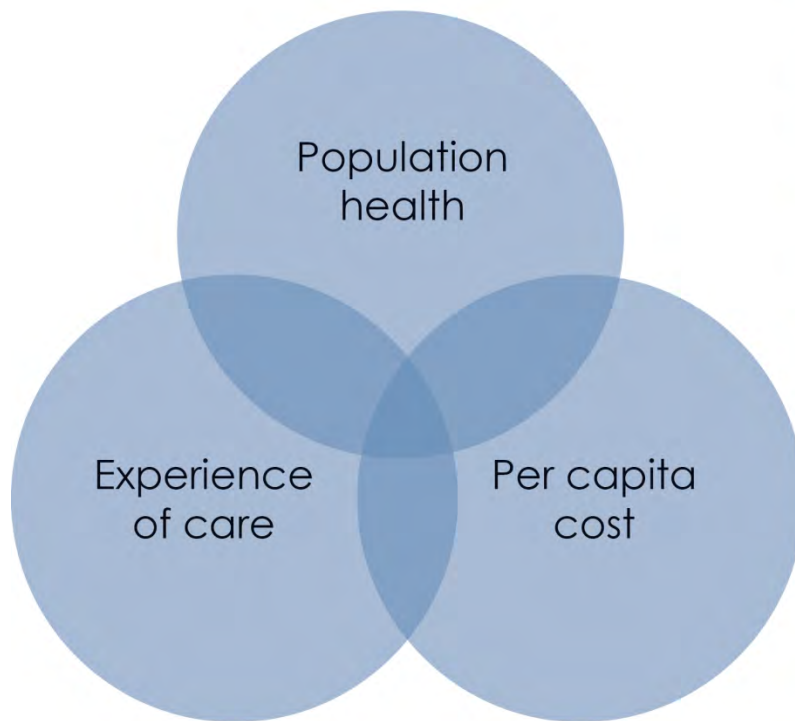
Source: County Health Rankings and Roadmaps

*“It is no longer sufficient to expect that reforms in the medical care delivery system (for example, changes in payment, access and quality) alone will improve the public’s health.”*

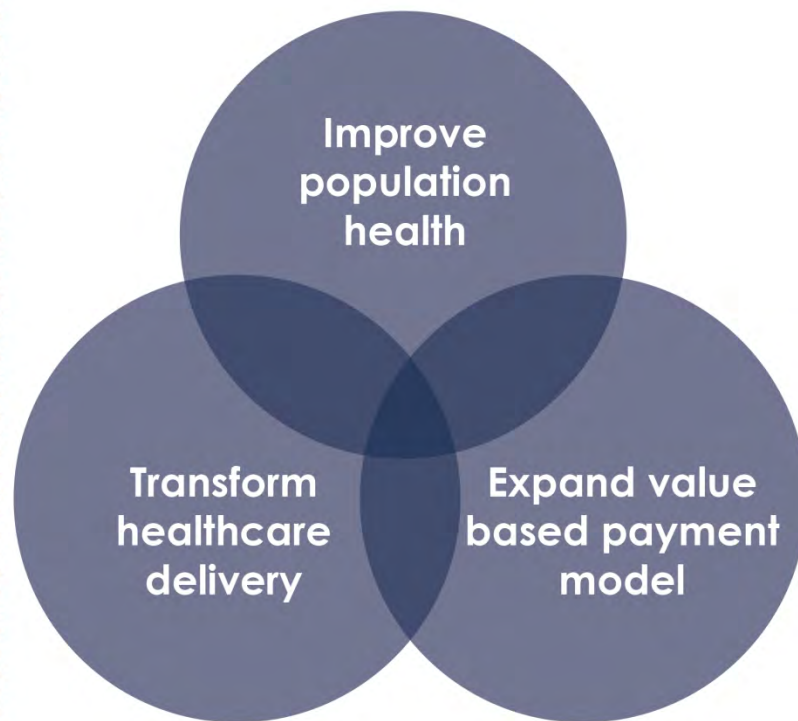
— Institute of Medicine

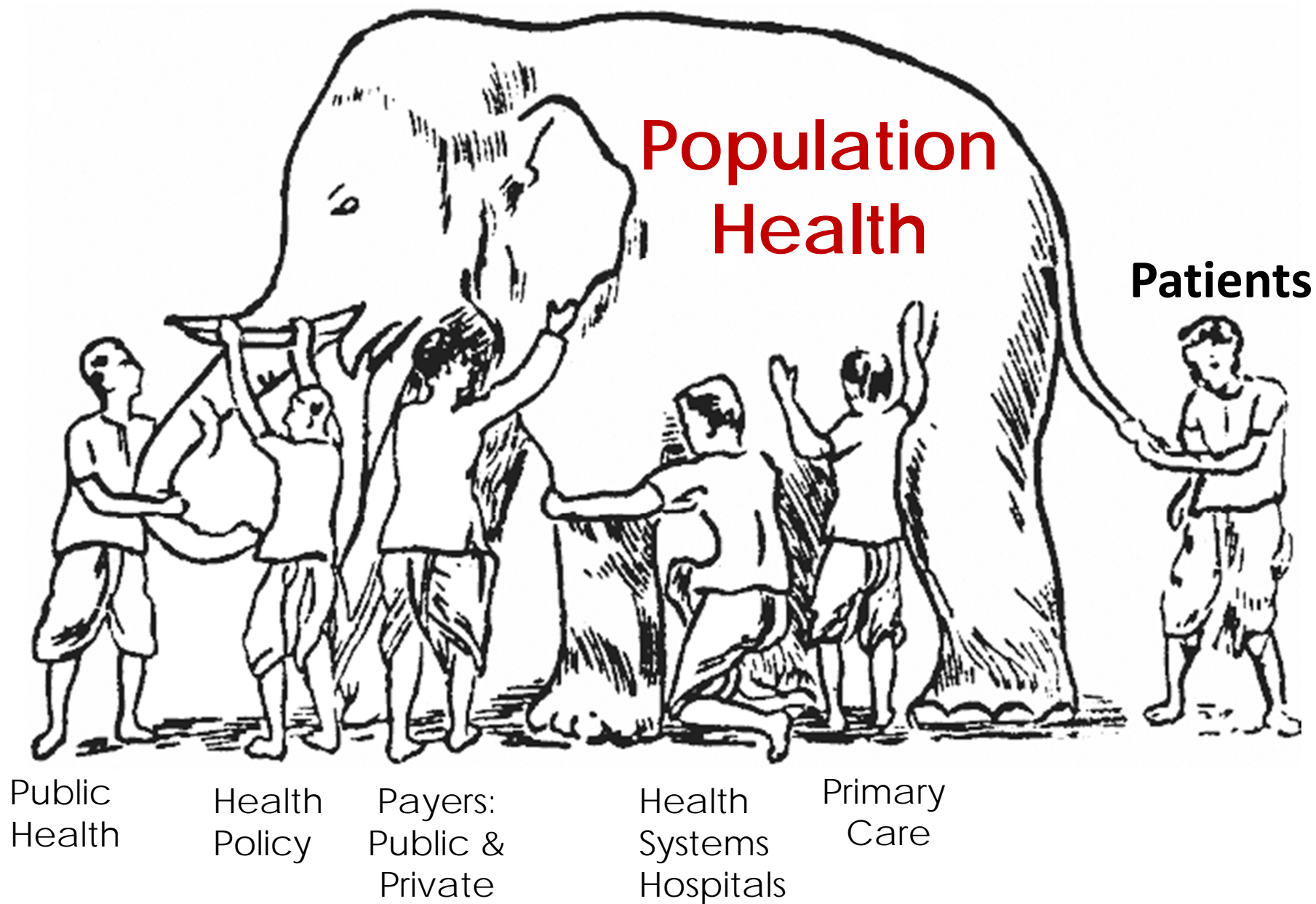
# Triple Aim and State Innovation Model (SIM) focus areas

## Triple Aim



## SIM focus areas





**Source:** Paul Wallace, Institute of Medicine, presentation at 2013 Ohio Public Health Combined Conference

# Key characteristics of population health strategies

Beyond the patient population

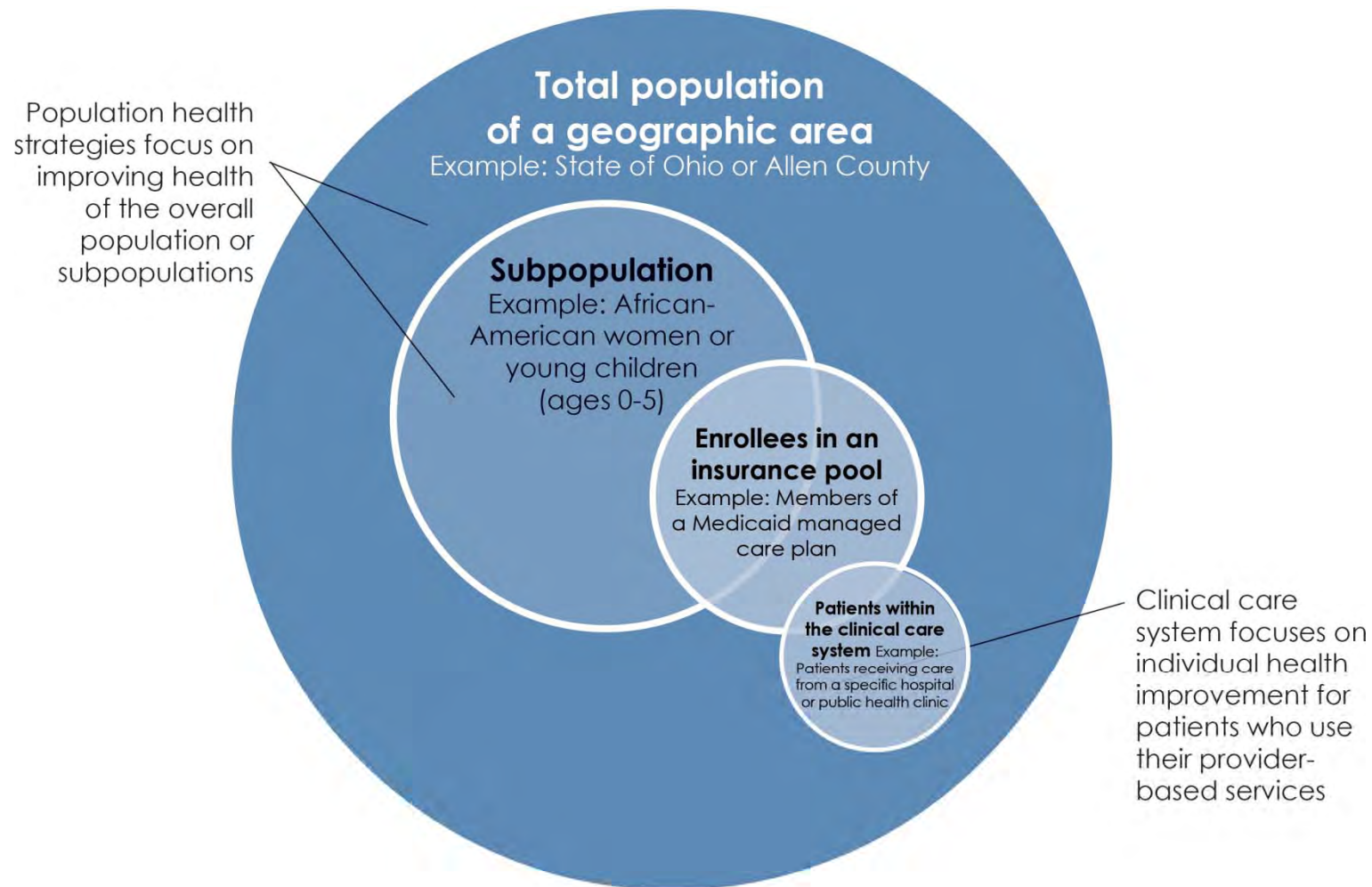
Beyond medical care

Measuring outcomes

Closing gaps (improvement for all groups)

Shared accountability

# Beyond the patient population



**Source:** Adapted from "An Environmental Scan of Integrated Approaches for Defining and Measuring Total Population Health by the clinical care system, the government public health system, and stakeholder organizations." Public Health Institute and County of Los Angeles Public Health, 2012.



# Beyond medical care



# Measuring outcomes

Indicator	Ohio's rank	Data value		Trend	Best state
		baseline	most recent		
<b>Overall health and wellbeing</b>	<b>39</b>				
<b>Limited activity due to health problems</b> Average number of days in last 30 with limited activity	<b>34</b>	1.5	1.6	-	0.9 ND
<b>Overall health status</b> Percent of adults who report fair or poor health	<b>35</b>	18%	18.3%	-	11.7% MN
<b>Life expectancy</b> Life expectancy at birth, in years	<b>37</b>	77.5	77.8	+	81.3 HI
<b>Premature death</b> Years of potential life lost before age 75	<b>38</b>	NA	7,294	NA	4,869 MN

# Reducing disparities and promoting health equity

## GREATER COLUMBUS INFANT MORTALITY REPORT CARD

In 2011...

- 18,045 babies were born in Franklin County
- 174 of these babies died before their first birthday, 22 were sleep-related
- 2,462 were born prematurely at less than 37-weeks gestation

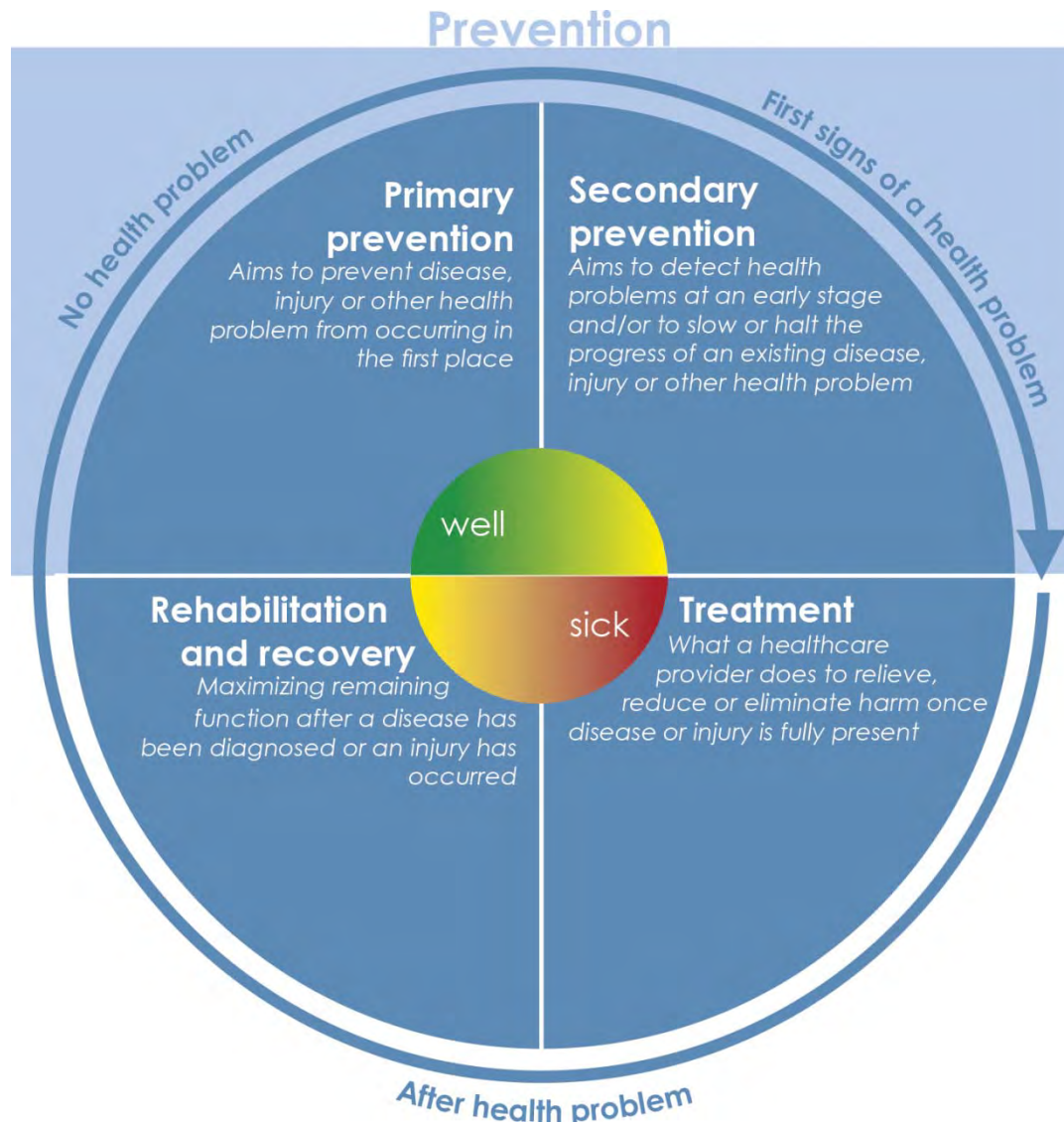
**Achieving our 2020 goals means that 65 more babies in our community will celebrate their first birthdays.**

Tracking Our Progress...

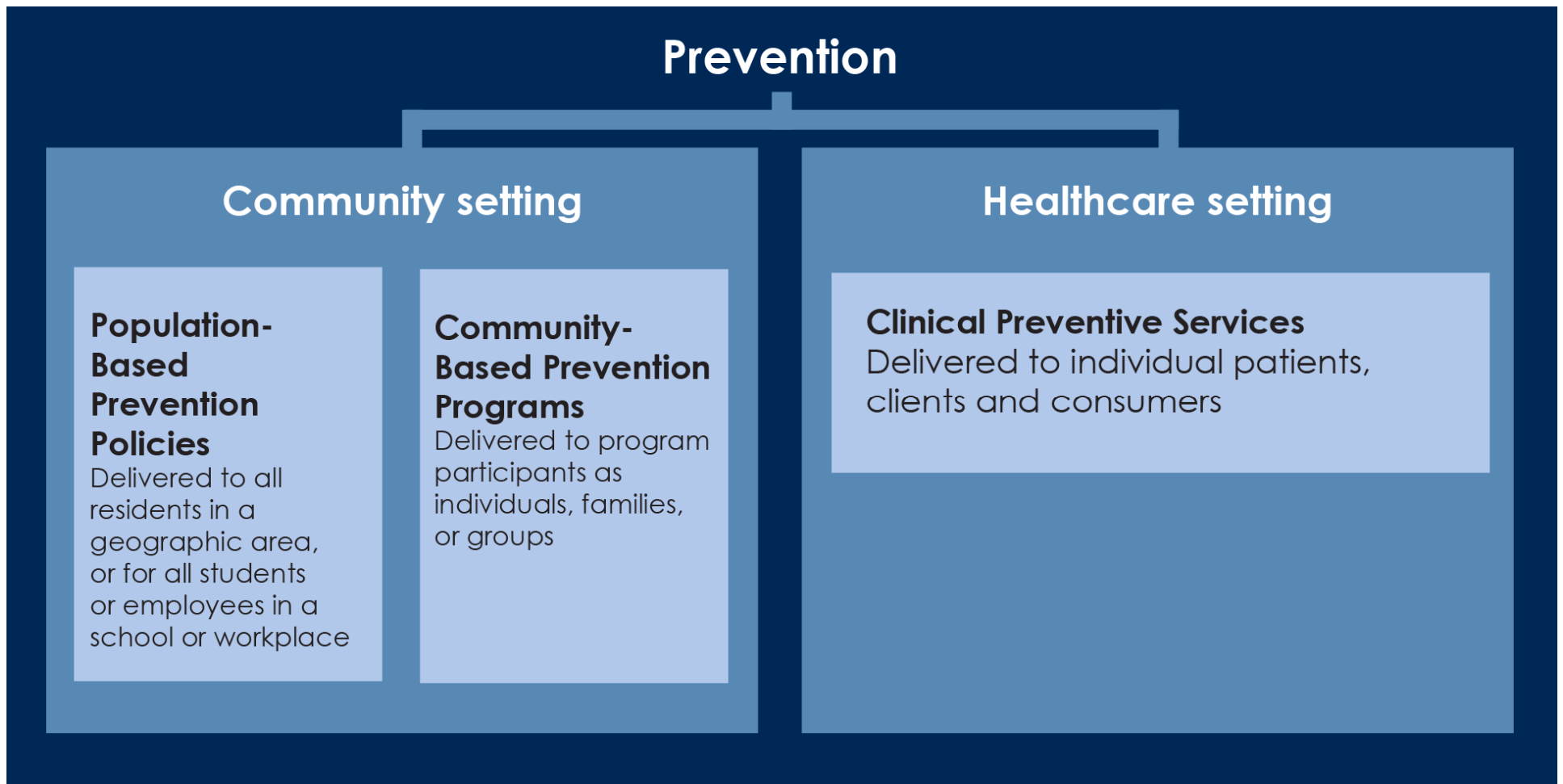
Franklin County Indicator			Baseline*	2020 Goal**	Reporting Year
Outcomes and Key Drivers					
Infant Mortality¹ (# infant deaths/ 1,000 live births)	Total		9.6	6	To be reported annually.  Will include notation if progress is “on track” or not.
	White		7.5	5.8	
	Black		17.1	6.6	
	Hispanic		5.3	4.9	
Sleep-related infant deaths² (# infant deaths/ 1,000 live births)	Total		1.3	0.94	
	White		1.1		
	Black		2.2		
Prematurity³	Preterm Birth (% babies born <37-weeks gestation)	Total	13.6%	9.6%	
		White	11.8%		
		Black	17%		
	Low birthweight (% of babies born <2,500 grams)	Total	9.3%	7.8%	
		White	7.7%		
		Black	12.8%		
Strategy Implementation					



# What is prevention?



# Types of prevention strategies



# Clinical preventive services



# Community-based prevention programs



# Population-based policy change



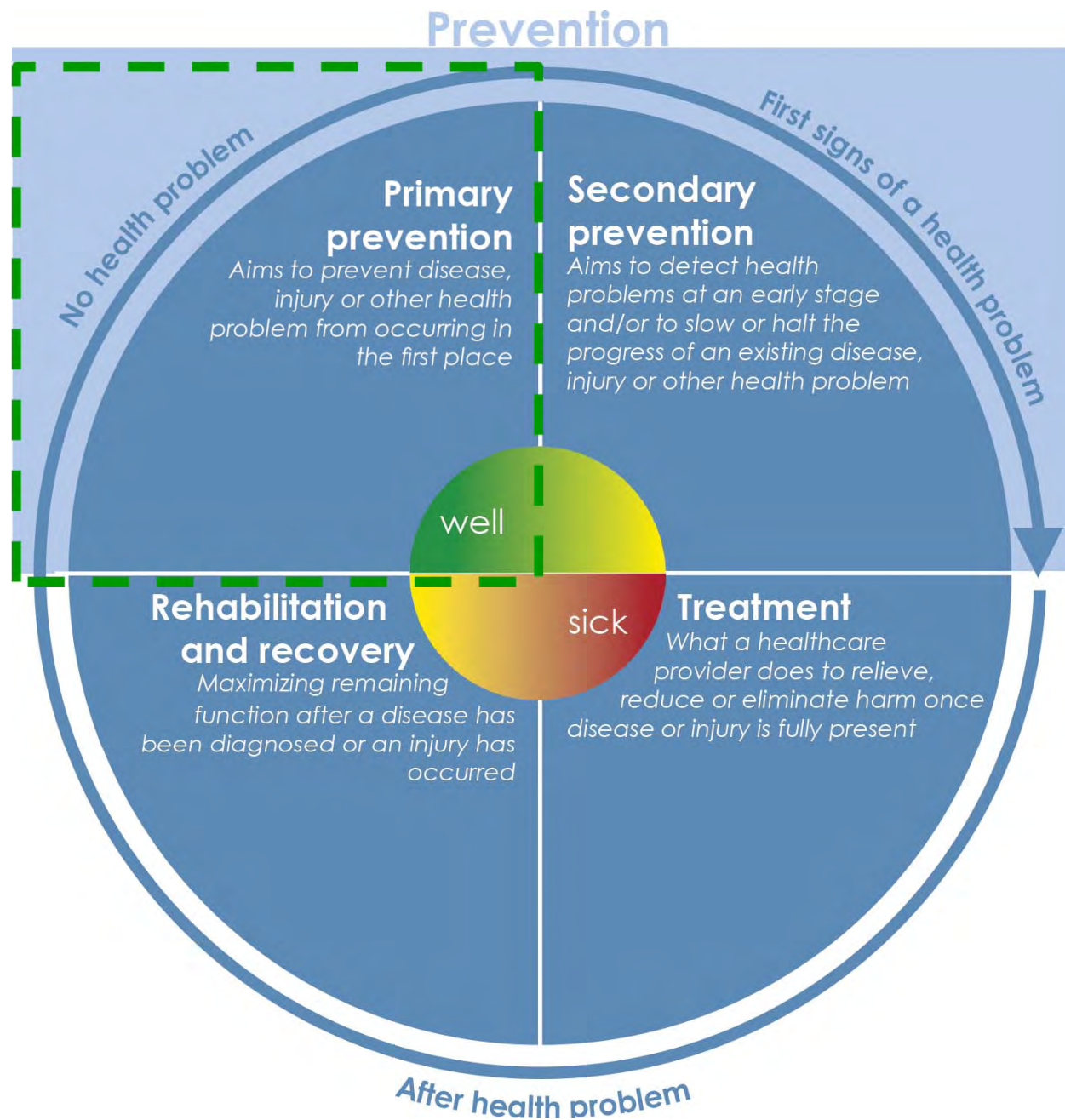
# How do we pay for prevention?

	Prevention		
	Population-level policy strategies	Community-based prevention programs	Clinical preventive services
Payer/ Funder	<ul style="list-style-type: none"> <li>• Federal, state, and local government</li> <li>• Philanthropy</li> <li>• Non-health sectors (transportation, education, regional planning, housing, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• Federal, state, and local government</li> <li>• Philanthropy</li> </ul>	<ul style="list-style-type: none"> <li>• Medicaid and Medicare</li> <li>• Private insurance</li> <li>• Individual consumers</li> </ul>
Dominant payment mechanism	<ul style="list-style-type: none"> <li>• Grants</li> <li>• Inspection fees (for environmental health)</li> <li>• Public funding for non-health sectors (transportation, education, regional planning, housing, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• Grants</li> </ul>	Reimbursement (fee-for-service model, managed care, etc.)

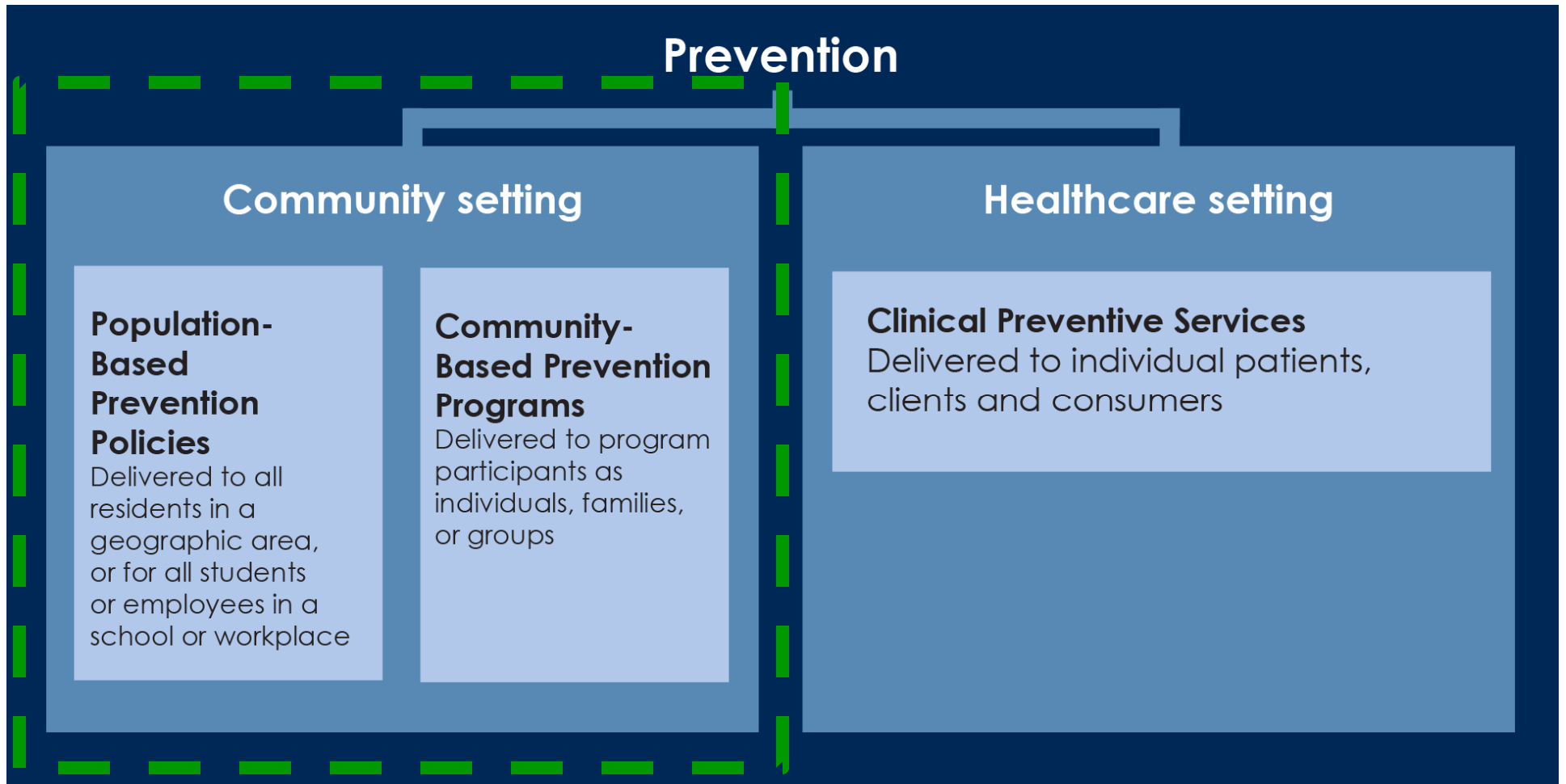


# Health

# Health care



# Types of prevention strategies



**sick care**

**wellness and  
prevention**



**wellness and  
prevention**

**sick care**



# Emerging opportunities to advance prevention

◀ inside the healthcare system

outside the healthcare system ▶

1

**Change incentives within  
healthcare system**

2

**Leverage new sources of  
funding**

3

**Develop cross-sector  
partnerships**

## **Stable investments in evidence-based primary prevention**

Strategies beyond the doctor's office to improve population health  
outcomes for all Ohioans

# #1. Change incentives

Payment  
and deliver  
reform

Medicaid  
waivers

Clinical-  
community  
partnerships

SIM Pop.  
Health Plan

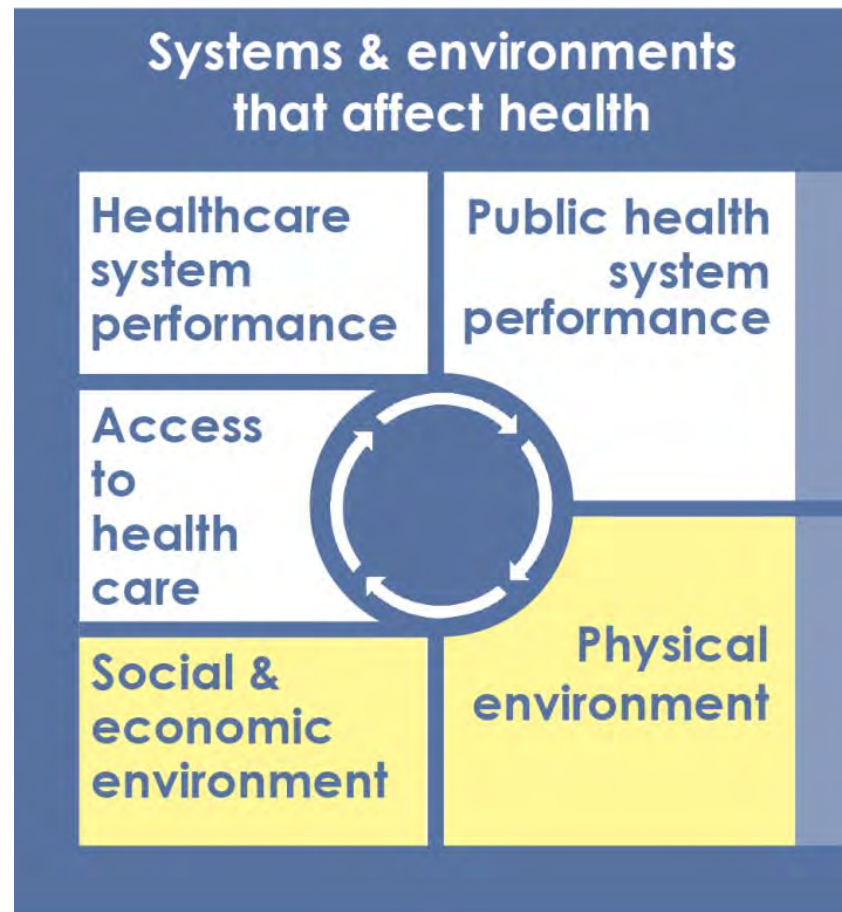
## #2. New sources of funding

Wellness  
Trust

Hospital  
Community  
Benefit

Pay for  
Success  
financing

# #3. Cross-sector partnerships for health in all policies



# Emerging opportunities to advance prevention

◀ inside the healthcare system

outside the healthcare system ▶

1

**Change incentives within  
healthcare system**

2

**Leverage new sources of  
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## **Stable investments in evidence-based primary prevention**

Strategies beyond the doctor's office to improve population health  
outcomes for all Ohioans



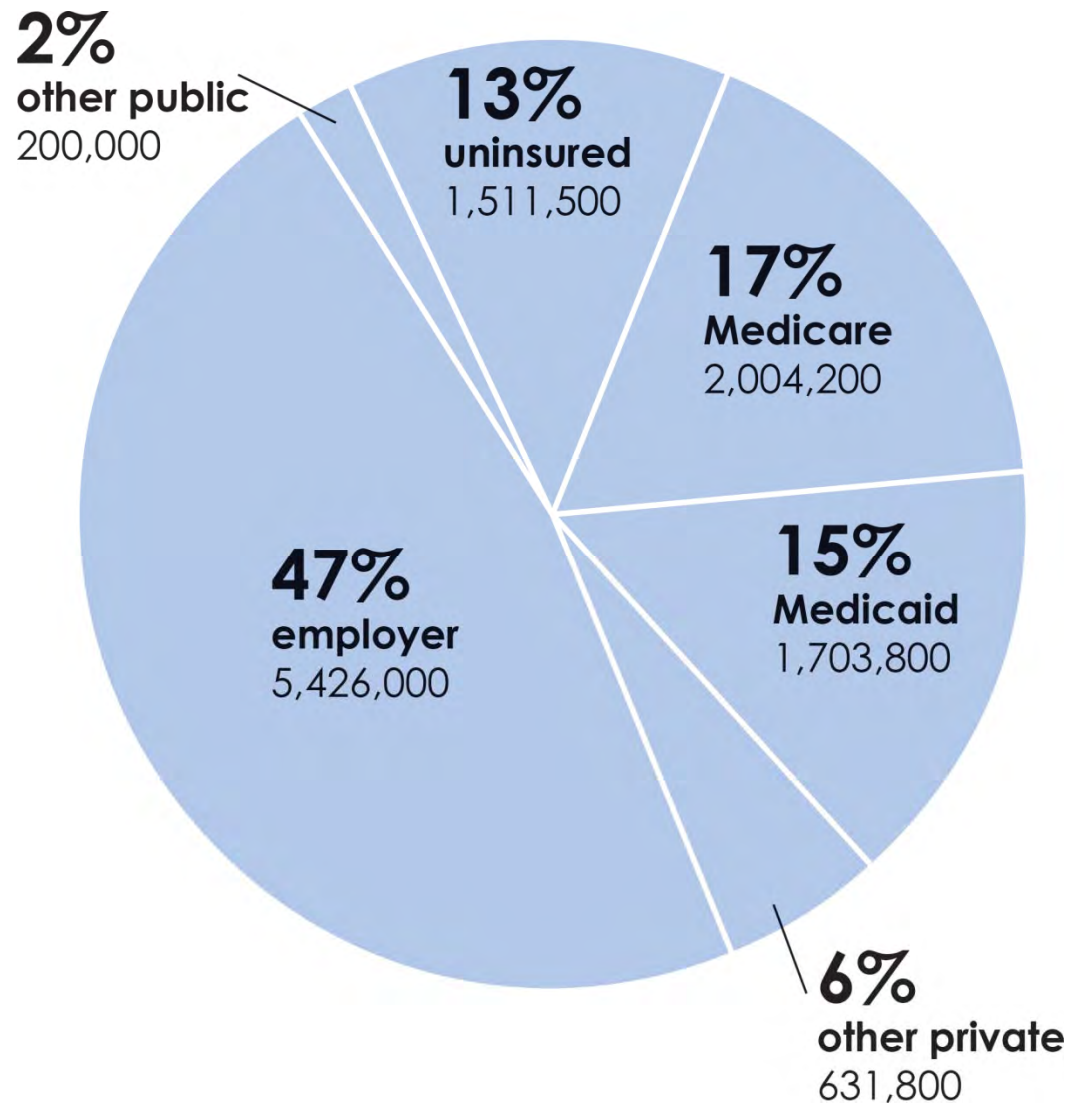
# Insurance basics: Provisions of the Affordable Care Act and how Ohioans are covered

Reem Aly, HPIO

Our goal is that by the end of this talk,  
you will...

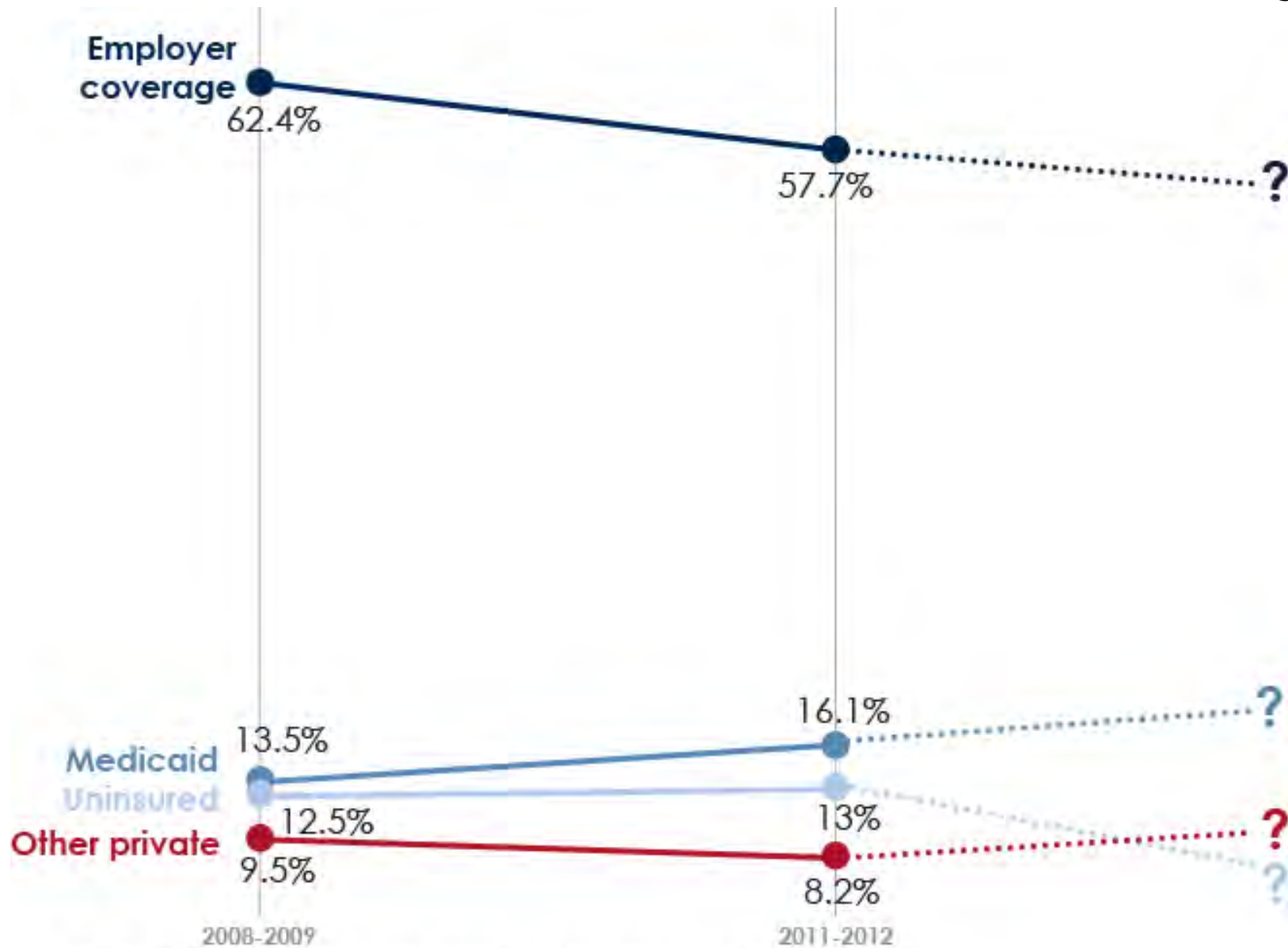
- Have a sense of the potential impact of the ACA on how Ohioans are covered
- Understand how ACA reforms impact coverage
- Understand emerging issues and trends in coverage

# How were Ohioans covered in 2013?



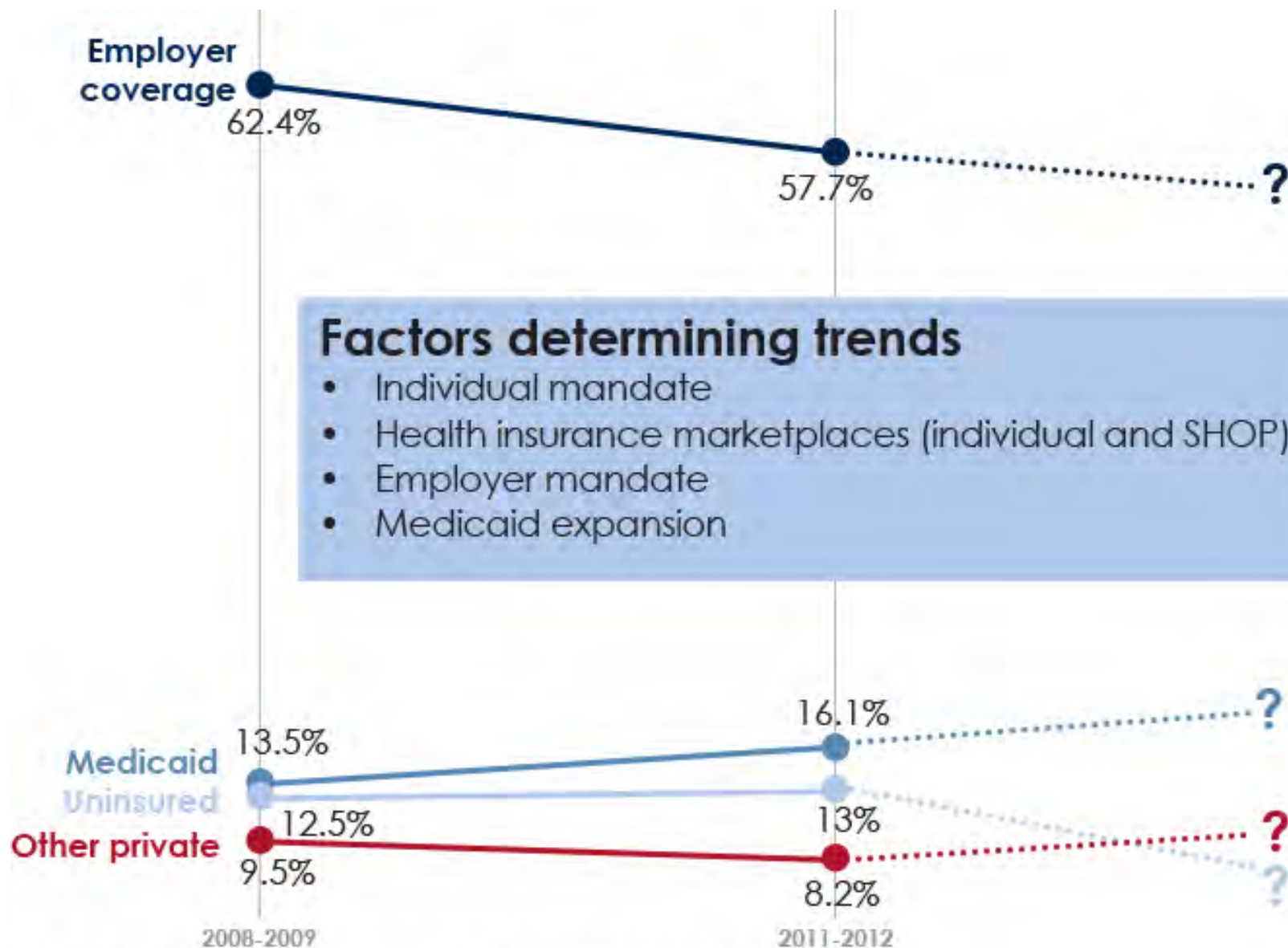
Source: Kaiser Family  
Foundation State Health Facts

# How will Ohioans be covered in 2014 and beyond?



Source: The Current Population Survey Annual Social and Economic Supplement

# Impact of ACA on how Ohioans are covered



Source: The Current Population Survey Annual Social and Economic Supplement

ACA reforms impacting coverage



# Snapshot of ACA coverage reforms, 2010-2014

## Increased consumer protection

- Prohibition on rescissions
- Elimination of lifetime and annual limits
- Coverage of pre-existing health conditions
- Guaranteed issue and renewability
- Restriction on rating variation

## More comprehensive health benefits

- Implementation of essential health benefits
- Coverage of preventive health services with no cost-sharing

## Cost regulation

- Implementation of medical loss ratio
- Prevention of unreasonable insurance rate hikes

# Individual mandate

## Tax penalty under the individual mandate

**2014**

\$95 per adult and \$47.50 per child (up to \$285 for a family) **OR** 1.0% of family income, whichever is greater

**2015**

\$325 per adult and \$162.50 per child (up to \$975 for a family) **OR** 2.0% of family income, whichever is greater

**2016**

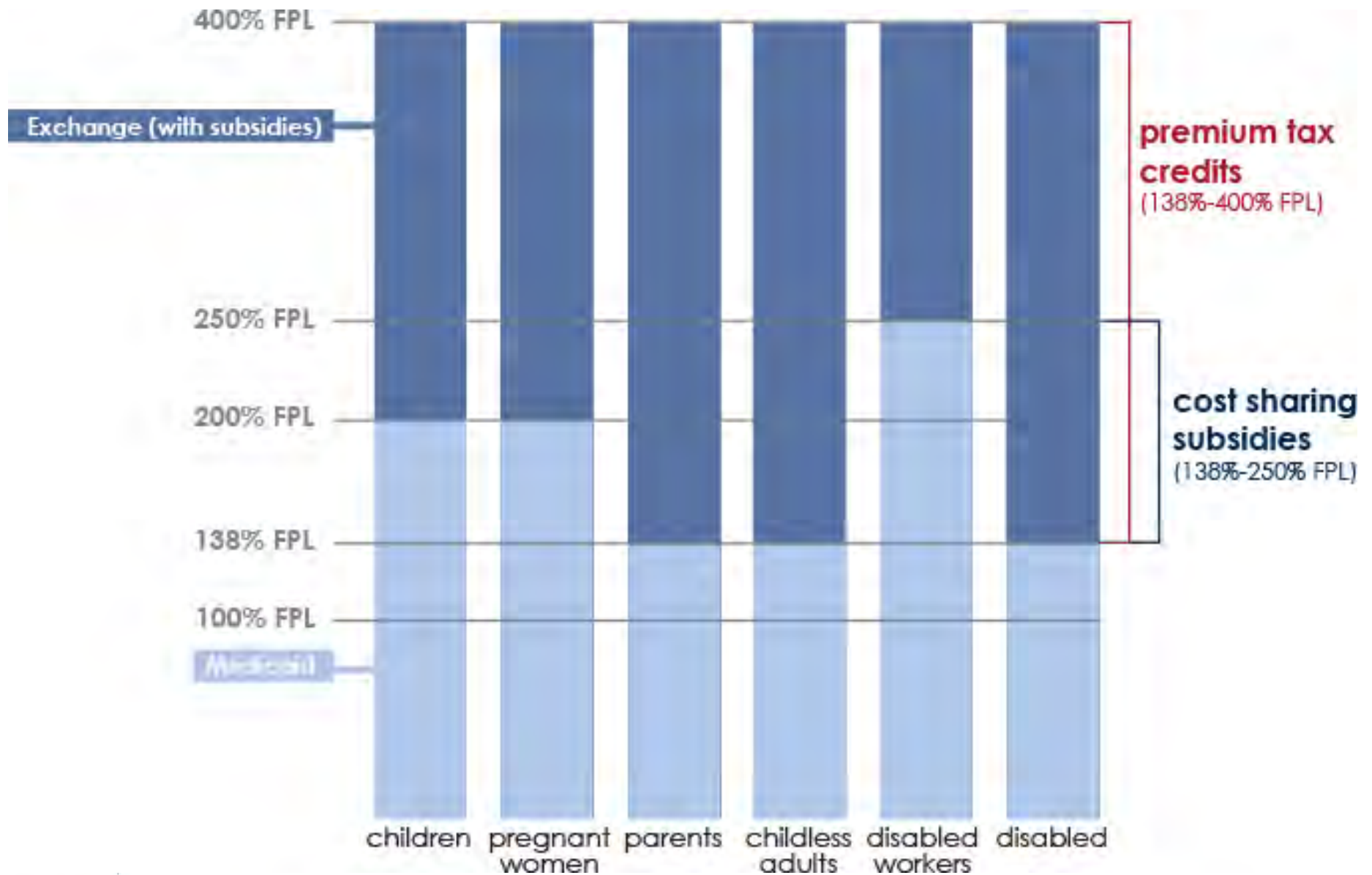
\$695 per adult and \$347.50 per child (up to \$2085 for a family) **OR** 2.5% of family income, whichever is greater

- Income is defined as total income above the tax filing threshold
- The penalty for 2016 and beyond is indexed based on the cost of living
- Penalty cannot exceed the national average premium for the lowest cost bronze plan in the marketplace

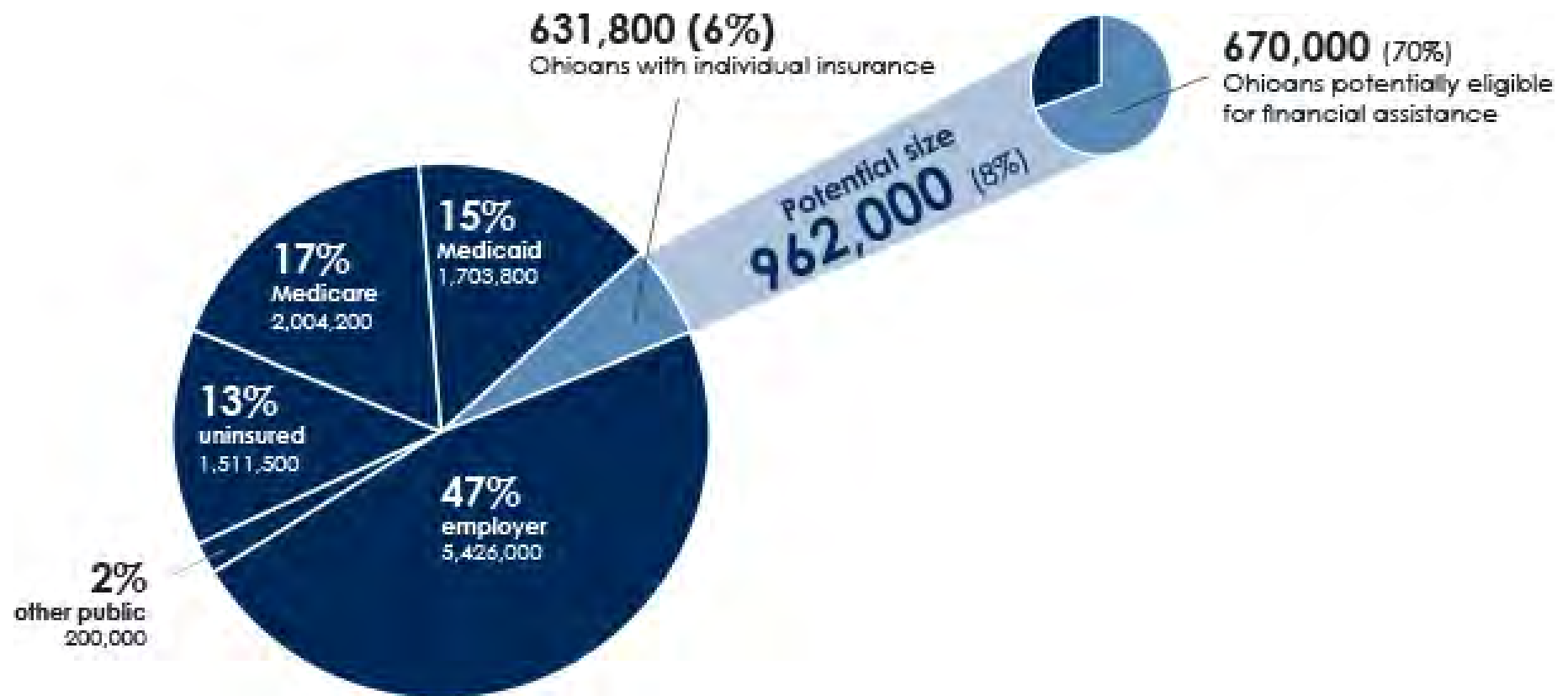
# Health Insurance Marketplaces



# Subsidized health coverage eligibility for Ohioans in 2014

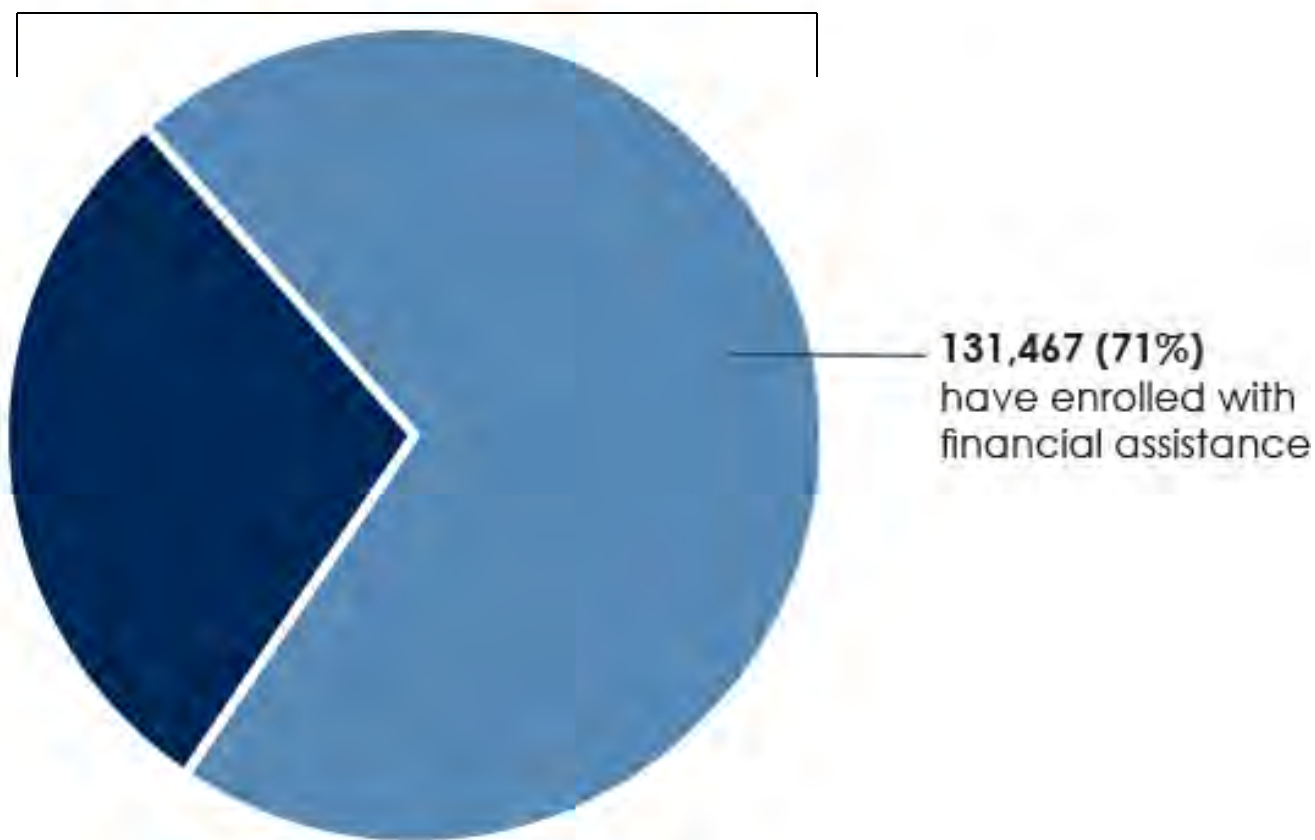


# Potential Ohio enrollment in the individual marketplace



# Current Ohio enrollment in the individual marketplace

**185,780** Ohioans have been found eligible to enroll with financial assistance



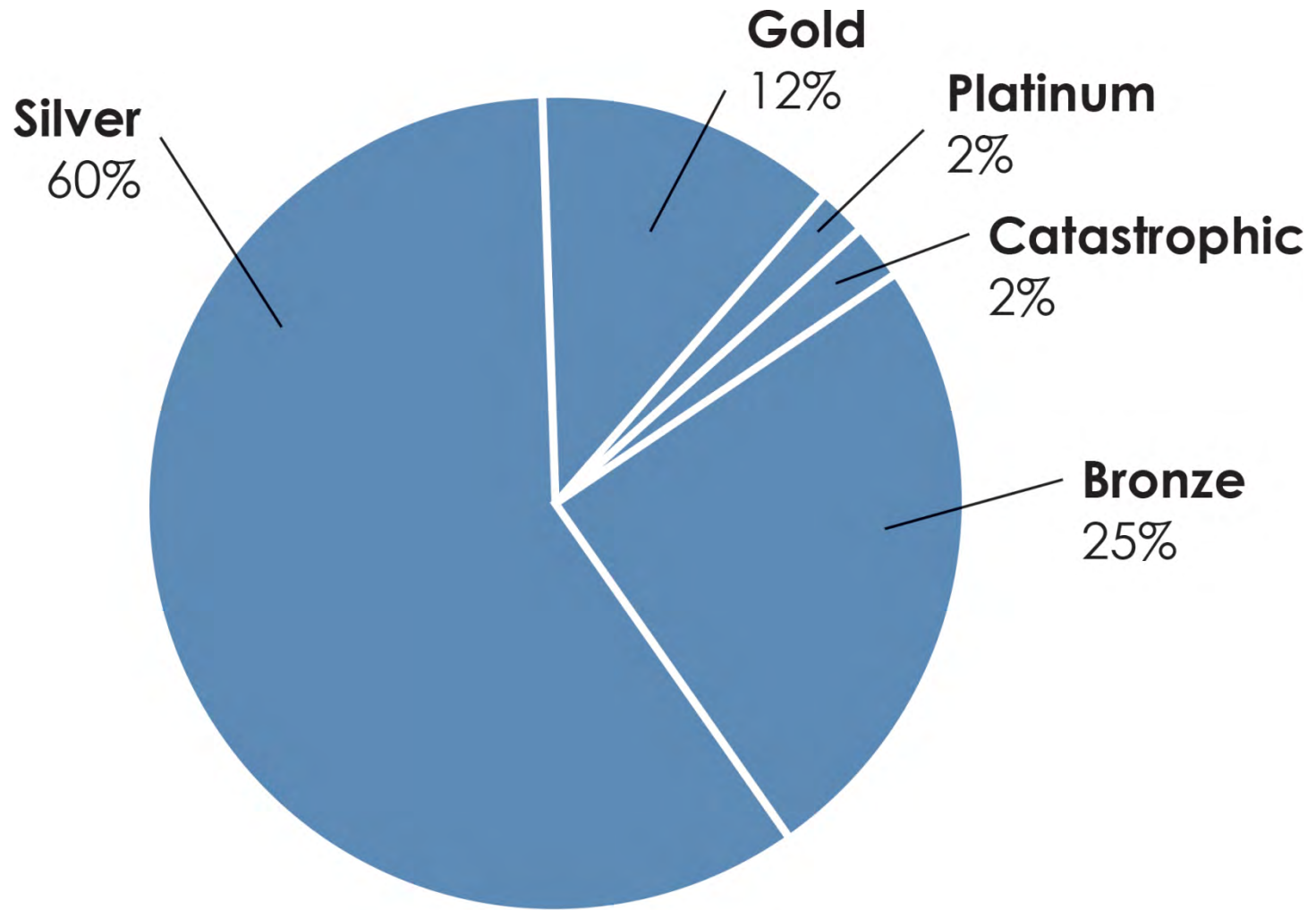
# Individual marketplace coverage in Ohio

## Marketplace plans



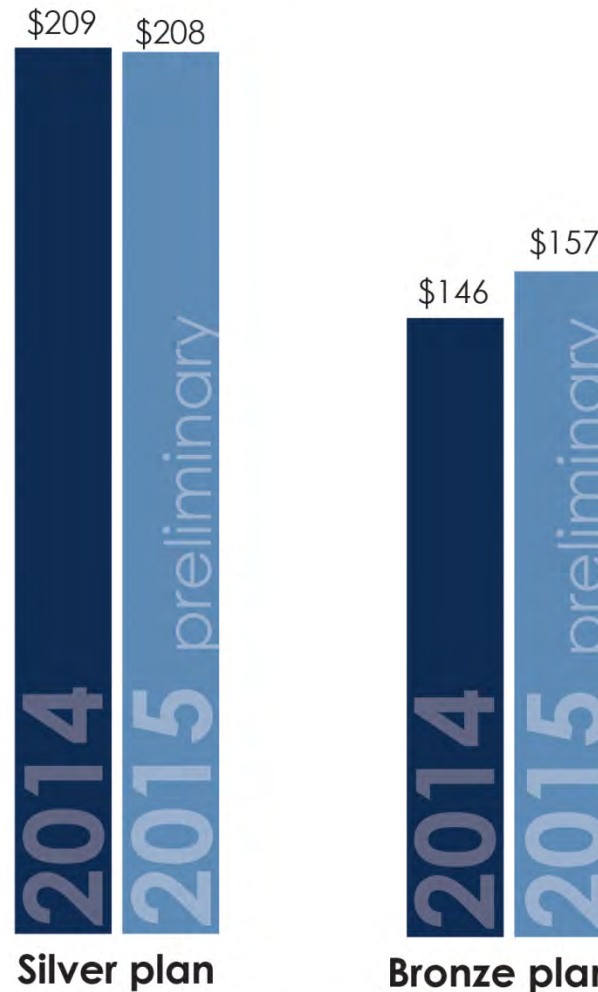
# Individual marketplace coverage in Ohio

Enrollees in marketplace, by plan type (2014)



# Individual marketplace coverage in Ohio

## Average premiums



Monthly premiums after tax credits, 40 year old non-smoker making \$30,000/year

Source: Kaiser Family Foundation State Health Facts

# Small Business Health Options Program

- Open to employers with 50 or fewer FTEs
- No restricted enrollment period
- Online shopping for 2015

Which employers are eligible for a small business tax credit?

Small employers with 25 employees or less

Average annual wages less than \$50,000

Pays a uniform percentage for all employees that is at least 50% of the premium for employee-only coverage

Tax credit

2010-2013:  
25% to 35%

2014 and beyond:  
35% to 50%

# Employer mandate

- To avoid a penalty, employers with 100 or more (50 or more in 2016) FTE employees in the previous year are required to offer coverage that is affordable and provides minimum value.

## Affordable

- Employees do not have to pay more than 9.56% of family income (measured against safe harbor amounts) for employer coverage

## Minimum value

- Insurance pays for at least 60% of the covered health expenses for typical population

# Employer mandate

- Penalties are triggered when a full-time employee receives a premium tax credit or cost-sharing subsidy on the marketplace.

## Penalty for not offering coverage

- 2015: \$173 per month times the number of full-time employees minus 80
- 2016: \$173 per month (updated by growth in insurance premiums) times the number of full-time employees minus 30

## Penalty for not offering coverage that is affordable and provides minimum value

- 2015: \$260 per month for each full-time employee receiving a premium tax credit or cost sharing subsidy that month up to a maximum of \$173 times the number of full-time employees minus 80
- 2016: \$260 per month (updated by growth in insurance premiums) for each full-time employee receiving a premium tax credit or cost sharing subsidy that month up to a maximum of \$173 times the number of full-time employees minus 30

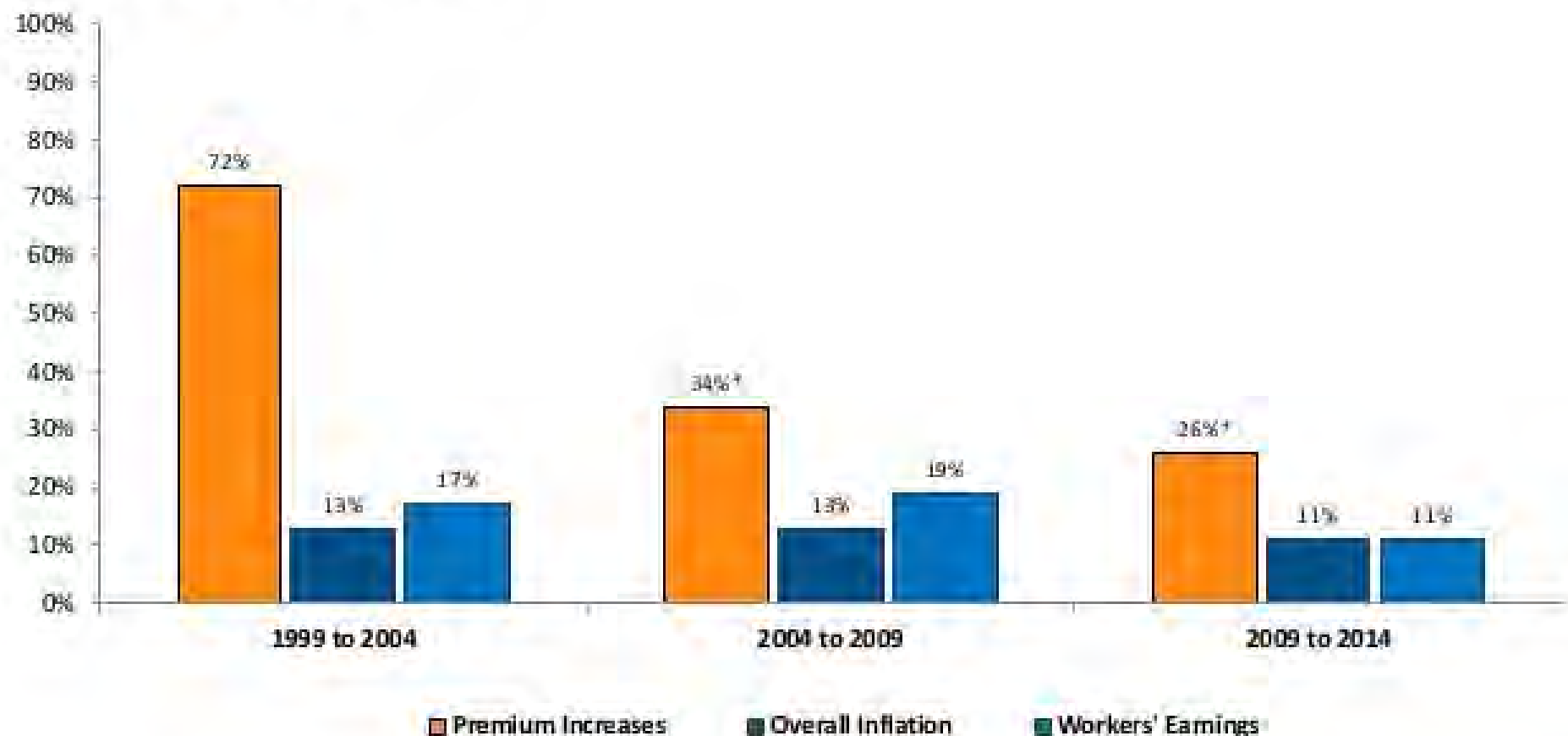
# Emerging issues and trends in coverage



# SCOTUS case on premium tax credits



## Average Premium Increases for Covered Workers with Family Coverage, 1999-2014

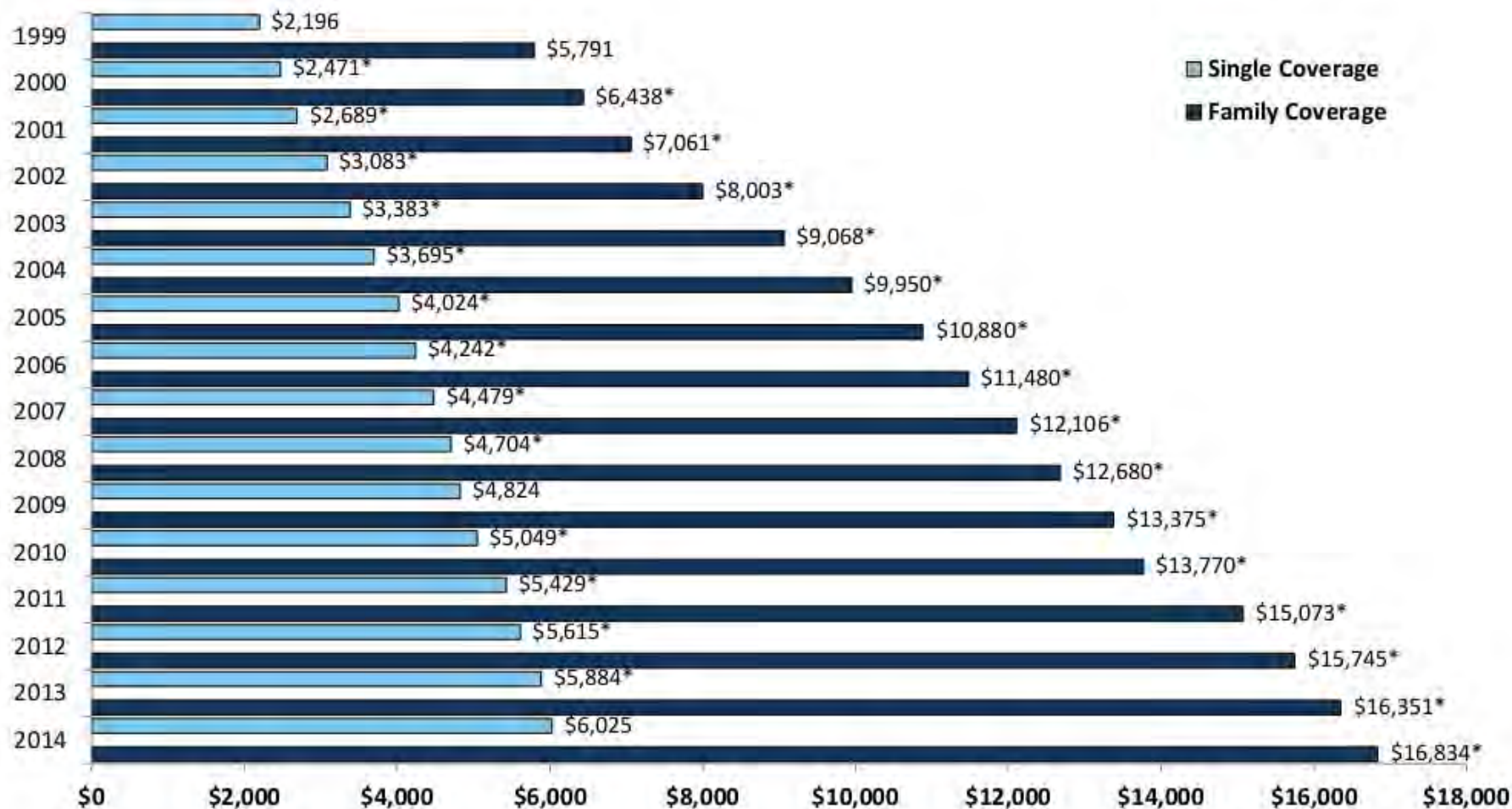


\* Premium Change is statistically different from previous period shown ( $p < .05$ ).

SOURCE: Kaiser/HRET Survey of Employer-Sponsored Health Benefits, 1999-2014. Bureau of Labor Statistics, Consumer Price Index, U.S. City Average of Annual Inflation (April to April), 2000-2014; Bureau of Labor Statistics, Seasonally Adjusted Data from the Current Employment Statistics Survey, 2000-2014 (April to April).



## Average Annual Premiums for Single and Family Coverage, 1999-2014



\* Estimate is statistically different from estimate for the previous year shown ( $p < .05$ ).

SOURCE: Kaiser/HRET Survey of Employer-Sponsored Health Benefits, 1999-2014.

# Increase in high deductible health plans

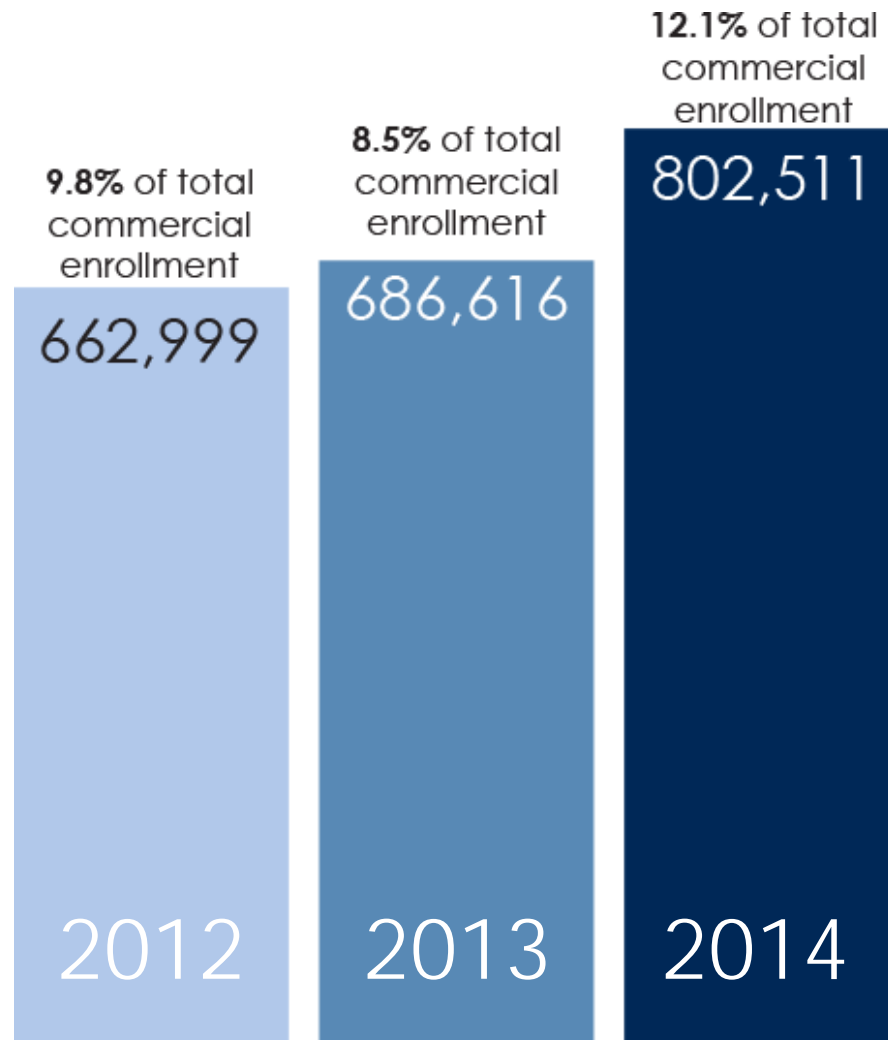


NOTE: Note: Average general annual health plan deductibles for PPOs, POS plans, and HDHP/SOs are for in-network services.

SOURCE: Kaiser/HRET Survey of Employer-Sponsored Health Benefits, 2006-2014.

# Increase in high deductible health plans

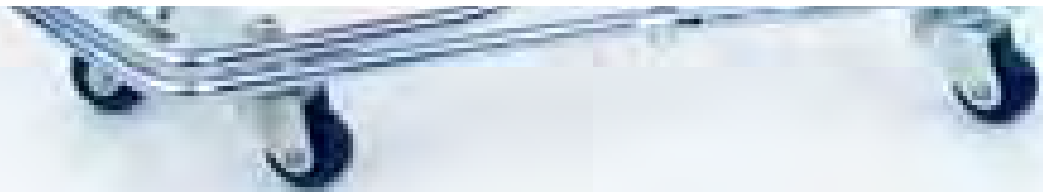
Ohio enrollment in HSA-Qualified high-deductible health plans,  
2012-2014



Source: AHIP Center for Policy and Research



## Private health insurance exchanges



A large number of dark, open umbrellas are arranged in a field, receding into the distance. The umbrellas are mostly black or dark grey. In the middle ground, slightly to the right of center, one umbrella is a vibrant red, making it stand out from the rest. The background shows a dark, overcast sky with heavy, grey clouds, suggesting an approaching storm or rain. The perspective is from a low angle, looking across the field of umbrellas.

Network adequacy



# **2014 Ohio Medicaid Enrollment Trends and Impact Analysis**

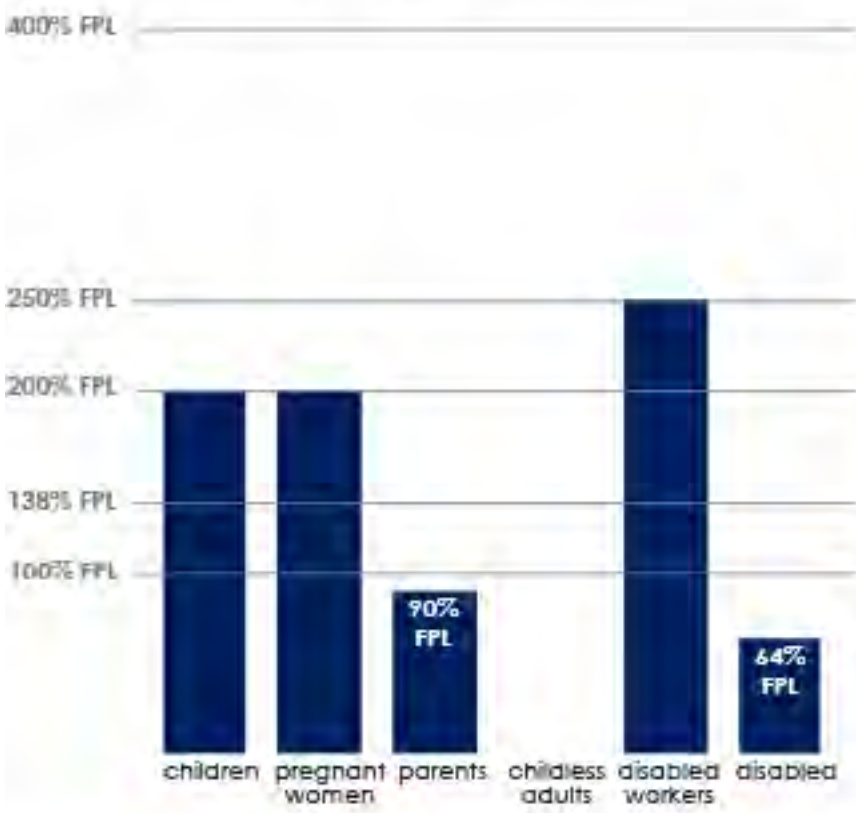
Amy Rohling McGee and Stephanie Gilligan, HPIO  
William Hayes, OSU Wexner Medical Center

# Our goal is that by the end of this talk, you will...

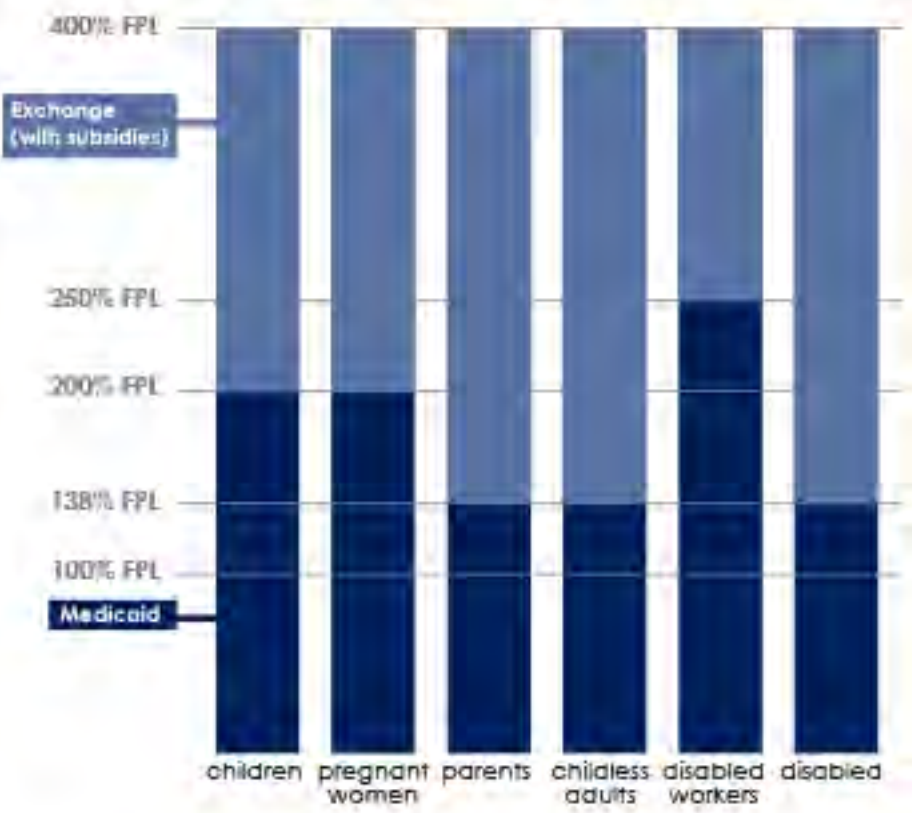
- Understand how new Medicaid eligibility levels and other efforts have impacted enrollment trends in Ohio
- Have a sense of newly eligible enrollment projection ranges for the next biennium
- Understand how county enrollment has tracked with original estimates
- Be aware of implications for future study and research

Figure 2. Medicaid eligibility in Ohio

Past Medicaid eligibility



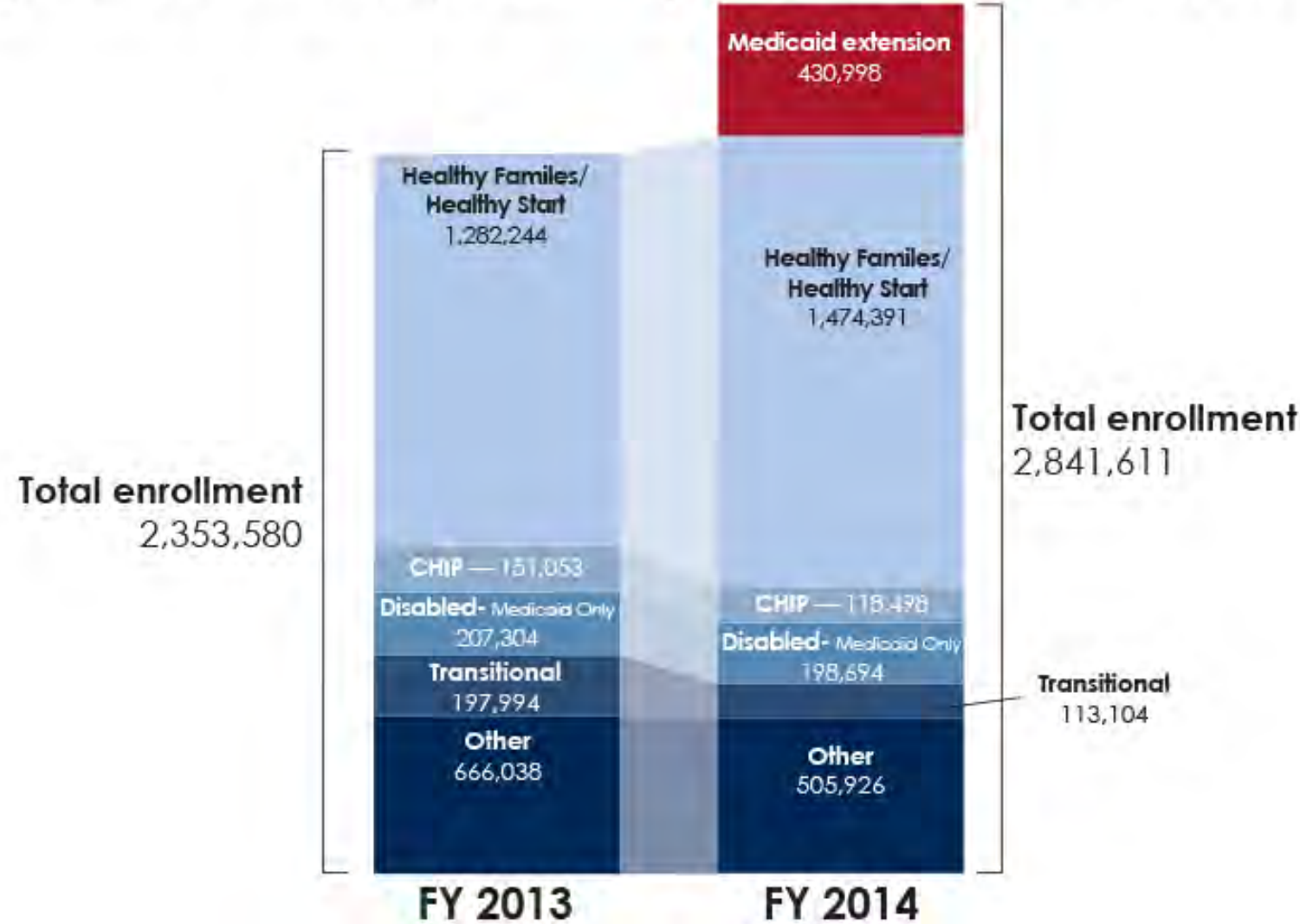
Current Subsidized health coverage eligibility



**Figure 3. Original Medicaid Expansion  
Study enrollment projections, Ohio  
State University (OSU) and Urban  
Institute (UI) models**

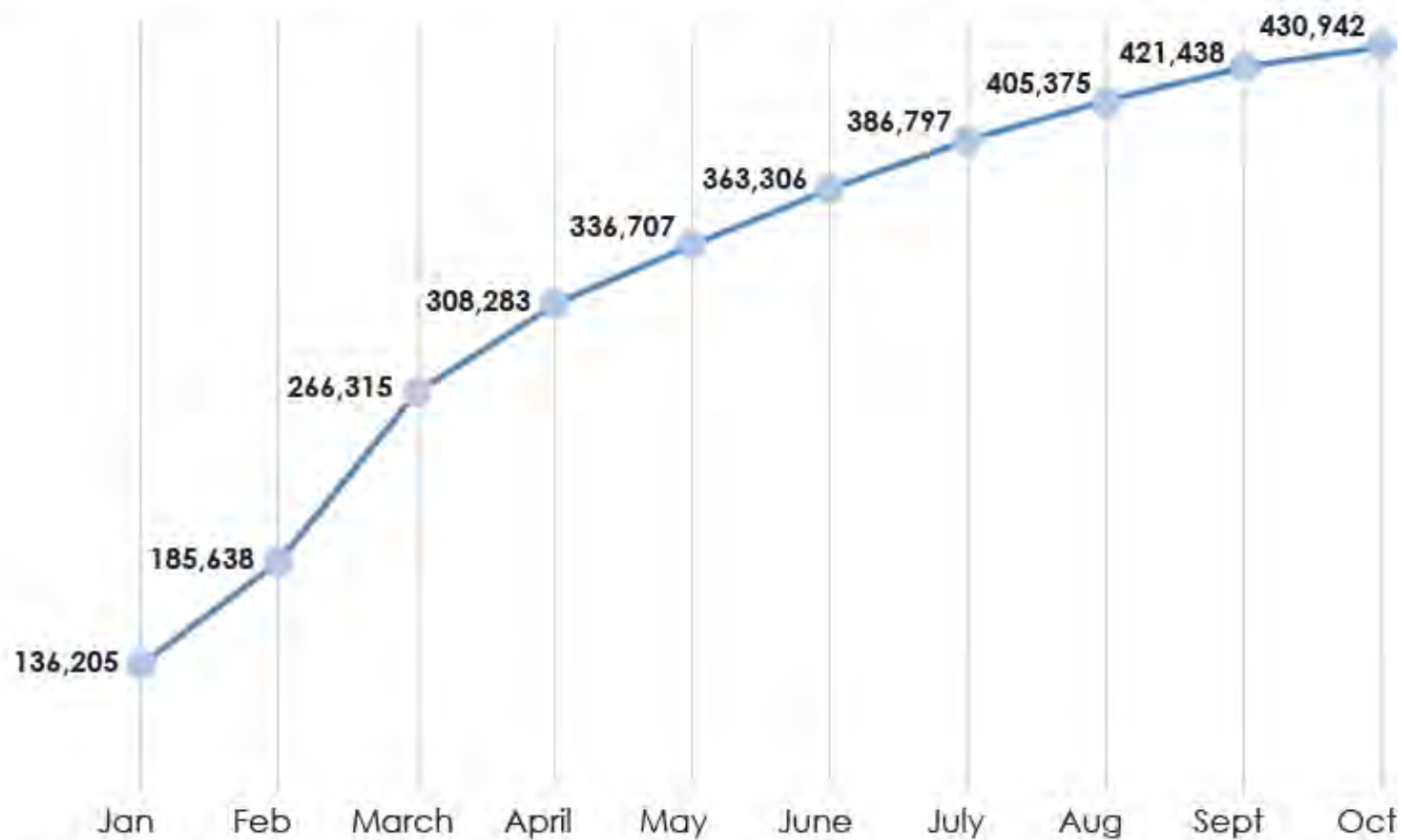
Medicaid enrollment increases as a result of expansion				
Fiscal year	Previously eligible people not enrolled in Medicaid pre-ACA		Newly eligible adults	
	UI	OSU	UI	OSU
<b>2014</b>	11,551	17,011	153,959	260,360
<b>2015</b>	27,036	37,084	380,313	550,050
<b>2016</b>	33,271	43,270	497,799	609,264
<b>2017</b>	36,100	46,624	570,399	642,354
<b>2018</b>	37,150	47,090	603,111	648,777
<b>2019</b>	38,121	47,561	612,562	655,265
<b>2020</b>	38,932	48,036	621,051	661,817
<b>2021</b>	39,782	48,516	629,540	668,436
<b>2022</b>	40,571	49,003	638,244	675,120

Figure 4. Actual Medicaid enrollment by category, October 2013 and October 2014



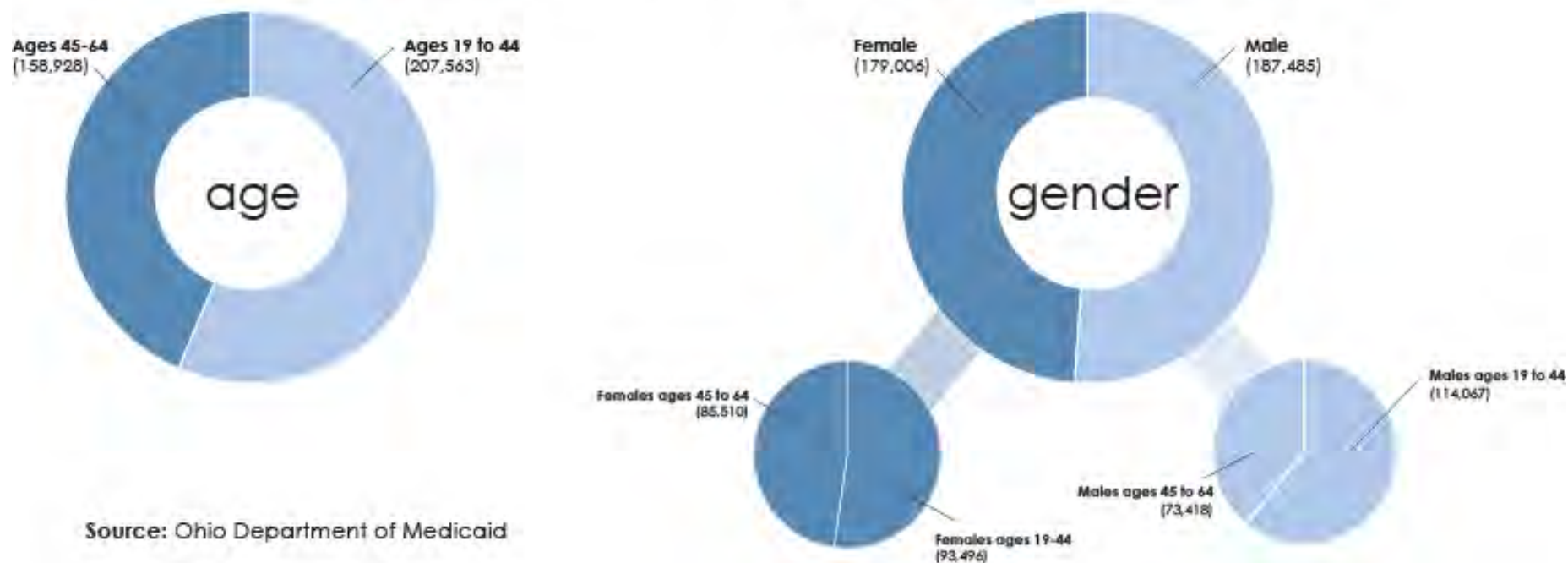
Source: Ohio Department of Medicaid Expenditures and Eligibles report

Figure 5. **Monthly Medicaid extension eligibility category enrollment, 2014**



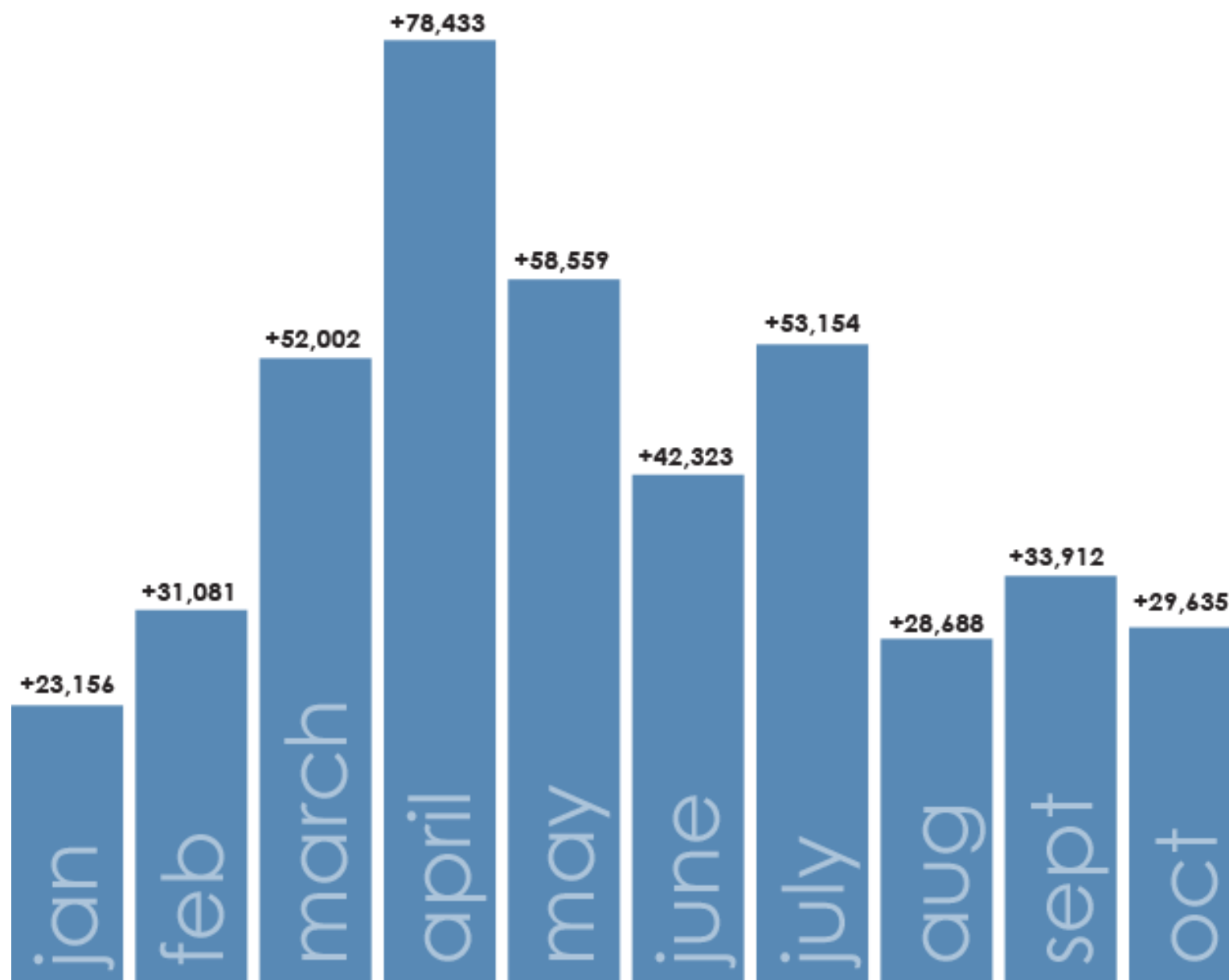
**Source:** Ohio Department of Medicaid monthly caseload report

Figure 6. Medicaid extension enrollment by age and gender, from August 2014



Source: Ohio Department of Medicaid

Figure 7. **Monthly increase in total Medicaid enrollment due to Medicaid extension, 2014**



Source: Ohio Department of Medicaid monthly caseload report

## Are you eligible for Medicaid?

CHECK YOUR ELIGIBILITY

VIEW YOUR ACCOUNT



### System Improvements

Due to planned system improvements, residents will not be able to apply for Medicaid benefits from

- 8 pm on Saturday (12/6/2014) until 6 am on Monday (12/8/2014)
- 8 pm on Saturday (12/13/2014) until 6 am on Sunday (12/14/2014)

Thank you for your patience.

Benefits.Ohio.Gov

Helping Ohio residents find and apply for benefits. [Learn more.](#)

# GET COVERED



**Figure 8. Original OSU and UI models projections of newly eligibles compared to actual data for SFY 2014 (January – June 2014)**

	<b>Actual</b>	<b>OSU model</b>	<b>UI Model</b>
SFY 2014 (Jan-June 2014)	363,306*	260,360 (72% of actual)	153,959 (42% of actual)
CY 2014 (Jan-Dec 2014**)	492,432**	520,720 (106% of actual)	307,918 (63% of actual)

**Figure 9. Previously eligible but not enrolled estimate comparison of OSU model to SFY 2014 data**

	<b>Actual</b>	<b>OSU model</b>	<b>UI Model</b>
SFY 2014 (Jan-June 2014)	69,476*	97,203 (140% of actual)	67,177 (97% of actual)
CY 2014 (Jan-Dec 2014**)	169,526**	194,386 (115% of actual)	134,354 (79% of actual)

**Figure 10. OSU original Medicaid newly eligible enrollment projection compared to re-based projections**

	<b>Original OSU Projection</b>	<b>Re-based OSU Projection</b>
SFY 2015	550,050	593,361
SFY 2016	609,269	664,565
SFY 2017	642,357	703,667
CY 2014	520,720	492,432
CY 2015	579,380	628,963
CY 2016	639,158	664,565

Figure 11. **Medicaid extension as a percent of county population — Top 10 highest and lowest county rates**

Highest percent of population covered	Lowest percent of population covered
Meigs — 9.3%	Delaware — 2.0%
Fayette — 9.2%	Geauga — 2.1%
Muskingum — 9.2%	Holmes — 2.5%
Pike — 9.2%	Warren — 2.7%
Cuyahoga — 9.0%	Medina — 3.0%
Morgan — 9.0%	Mercer — 3.0%
Adams — 8.8%	Putnam — 3.0%
Scioto — 8.2%	Wood — 3.0%
Vinton — 8.2%	Union — 3.0%
4 Counties at 8.1%*	Auglaize — 3.3%

\* Jackson, Jefferson, Marion and Perry

**Source:** 2013 U.S. Census Bureau data and Ohio Department of Medicaid

# Implications for future study

- Are people with Medicaid coverage, including people with mental health and/or substance use issues, able to **access care**? If not, what barriers do they encounter?
- Do people with Medicaid coverage **utilize care appropriately**?
- Do they access primary care and **avoid unnecessary emergency department utilization** and how do these patterns compare to those of people who are privately insured or uninsured?
- What is the impact of coverage on **continuity of care**?, health behaviors and outcomes?
- Why do **county enrollment levels** vary? What practices lead to higher enrollment levels?

# Implications for future study

- How do **local alcohol, drug and mental health boards** redeploy resources as a result of Medicaid expansion? What impacts are there to local health departments?
- What **types of jobs** do people on Medicaid typically have? Do these jobs offer full time hours and health insurance benefits? What is the impact of Medicaid expansion on job shift and income level?
- How do Ohioans on Medicaid rate their **satisfaction with the program**, as well as health and financial security?
- What impact does expansion have on hospitals in terms of **uncompensated care** and financial stability? What impact is there on the safety net?
- What savings does the state realize as a result of the policy change? What other **fiscal impacts** happen over time?