

COMMONWEALTH OF MASSACHUSETTS  
HEALTH POLICY COMMISSION

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December 16, 2015  
Board Meeting



# Agenda

- Approval of Minutes from the November 18, 2015 Meeting
- Annual Executive Director's Report and Commissioner Reflections
- Cost Trends and Market Performance
- Quality Improvement and Patient Protection
- Care Delivery and Payment System Transformation
- Community Health Care Investment and Consumer Involvement
- Schedule of Next Meeting (January 20, 2015)



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## Vote: Approving Minutes

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**Motion:** That the Commission hereby approves the minutes of the Commission meeting held on November 18, 2015, as presented.

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# HPC by the Numbers: The First Three Years

**127**   
public board meetings

**374**   
HPC articles

**864,472**  
unique  
**twitter**  
impressions

**\$17 million**  
distributed in grants to **28**  community hospitals  


**388,698**  
unique  
**website**  
hits 

**300,000,000**  
lines of **claims** analyzed in the APCD

**600,000**  
lines of **code** written

**52**   
MCNs reviewed

**1,661**  tweets

**15**   
publications

# HPC by the Numbers: 2015 Policy Work



21

MCNs Reviewed

5

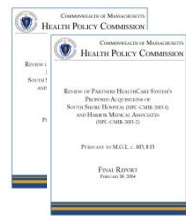
Reports Released

4

Regulations Approved

2

CMIRs Initiated



59

Registering Provider Organizations

1

Certification Program Finalized



30+

unique data sets in 2015 Cost Trends Findings

# HPC by the Numbers: Investment Programs in 2015

## CHART Investment Program

Phase 2  
Implementation  
Planning Period  
(28 hospitals)

### TECHNICAL ASSISTANCE



1200

hours of coaching calls



71

working meetings/site visits



7

regional convenings

\$500,000	Telemedicine Pilot
\$100,000	PCP Narcan Training
\$250,000	PCMH Behavioral Health Integration
\$500,000	Neonatal Abstinence Syndrome Pilot
<b>\$1,250,000</b>	<b>Total Funding</b>

**Fiscal Year 2016  
State Budget  
Investment  
in the HPC**



In 2015, the Office of Patient Protection processed

**3015**

calls and emails from consumers seeking information on health insurance enrollment and appeals



**325**

External Review Cases filed by consumers seeking a determination of medically necessary

# HPC by the Numbers: 2015 Cost Trends Hearing

**4500+**

attendees

550 in-person  
4,000+ online

**2**

expert  
speakers

**31**

sworn witnesses  
from major payers  
& providers

**70+**

pre-filed  
testimony  
submissions

**5**

elected  
officials



# HPC by the Numbers: Public Engagement in 2015

**240,234**  
unique website hits

**180**  
HPC articles

 **39**  
public meetings

**1600+**  
attendees at  
public meetings  
throughout 2015

**500+**  
meetings with over **100**  
different stakeholders

 **344**  
pages of minutes

**14**  
newsletters



 **622**  
tweets

**1**  
Completed Conference Center



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  - Approval of Cost and Market Impact Reviews
  - Discussion of Preliminary Findings from the 2015 Cost Trends Report
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## Types of transactions noticed

### April 2013 to Present

Type of Transaction	Number of Transactions	Frequency
Physician group merger, acquisition or network affiliation	12	23%
Clinical affiliation	12	23%
Acute hospital merger, acquisition or network affiliation	11	21%
Formation of a contracting entity	9	17%
Merger, acquisition or network affiliation of other provider type (e.g. post-acute)	5	9%
Change in ownership or merger of corporately affiliated entities	3	6%
Affiliation between a provider and a carrier	1	2%

## Update on notices of material change

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### Notices Received Since Last Commission Meeting

- Clinical affiliation between Atrius Health (Atrius) and Massachusetts Eye and Ear Infirmary (MEEI) whereby MEEI and its affiliated physicians would become preferred specialty providers for Atrius clinicians.
- Joint venture between Shields Health Care Group and Partners HealthCare to operate a PET/CT diagnostic imaging clinic at Cooley Dickinson Hospital.

### Elected Not to Proceed

- **Provider Partnership for Joint Contracting between Shields Health Care Group and Anna Jaques Hospital**
  - Our analysis indicated that this transaction would not likely result in substantial changes in volume or prices for PET/CT services at Anna Jaques Hospital, and therefore there was limited scope of increases to health care spending.
  - We did not find evidence suggesting negative impacts on quality or access to care.

## Update on notices of material change (cont.)

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### Elected to Proceed with Cost and Market Impact Review (CMIR)

- **Contracting affiliation between Beth Israel Deaconess Care Organization (BIDCO), New England Baptist Hospital (NEBH), and New England Baptist Clinical Integration Organization (NEBCIO)**
  - NEBH and its affiliated physicians would become members of BIDCO beginning January 2016 and join BIDCO's commercial and public payer contracts
- **Contracting affiliation between Beth Israel Deaconess Care Organization (BIDCO) and MetroWest Medical Center (MWMC)**
  - MWMC would become a member of BIDCO beginning January 2016 and join BIDCO's commercial contracts; MWMC already participates in BIDCO's Pioneer ACO.



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# Material Change Notice Review Process

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## Initial Review

- When the HPC receives a Notice, staff conduct a brief review and request any additional information required to complete the Notice.
- Once parties have responded and Notice is deemed complete, the HPC has 30 days to review the proposed transaction and inform the parties whether it merits further review.
- This 30-day review focuses on statutory factors for evaluating cost and market impact (e.g., changes to prices, total medical expenses and market share), to determine whether a proposed material change raises the potential for impacts to costs and market functioning that warrant examination and public consideration.

## Proceeding to a CMIR

- If the HPC finds that the proposed transaction warrants further review, it provides notice to the parties that it is initiating a CMIR. The Commission then votes on whether to continue the CMIR at its next regular meeting.
- Of the 48 transactions for which the HPC has completed review, the HPC has conducted four CMIRs; it is proposing to continue two new CMIRs today.

## Background on the parties

- **BIDCO** is an accountable care organization and clinically integrated payer contracting organization
- Establishes contracts on behalf of members with commercial payers; also participates in the Pioneer ACO program
- Includes 7 hospitals that collectively provide approximately 11% of all statewide discharges; second-largest share statewide
- Includes approximately 2,400 physicians

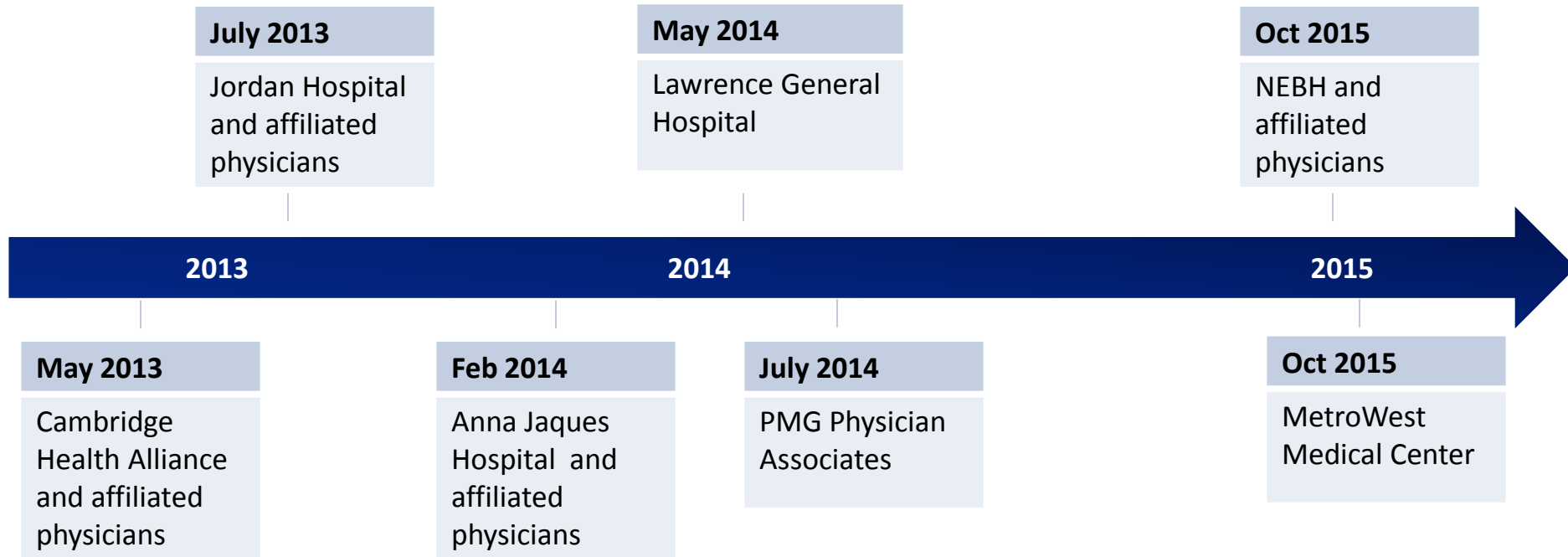
**NEBH** is an independent orthopedic specialty hospital; **NEBCIO** is its affiliated care management organization

- Non-profit specialty hospital with 118 beds, 5 outpatient locations, and affiliated physician group
- Specializes in orthopedic surgery and musculoskeletal diseases and disorders
- Teaching hospital affiliated with Tufts University School of Medicine; additional programs with the Harvard School of Public Health and Harvard Medical School
- Already clinically affiliated with Beth Israel Deaconess Medical Center and Harvard Medical Faculty Physicians (both members of BIDCO)

- **MetroWest** is a general acute care community hospital
- For-profit community hospital with 284 beds at 2 campuses (Framingham and Natick)
- Owned by Tenet Healthcare (purchased in 2013 along with St. Vincent Hospital)
- Clinical Affiliate of Tufts Medical Center for tertiary services and Floating Hospital for pediatrics
- Currently participates in BIDCO's Pioneer ACO

## Growth of BIDCO since 2013

The HPC has received notice of 7 different BIDCO contacting affiliations, involving 6 hospitals and 5 physician groups since 2013



## Basis and goals for reviews

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- Over 2.5 years, the HPC has received 7 contracting affiliations involving BIDCO, involving 6 hospitals and 5 physician groups. The HPC's preliminary review of the two pending additional contracting affiliations raises important questions for review and public examination, including:
  - Potential for spending increases if contracted rates increase for NEBCIO physicians;
  - Potential for spending increases if Metrowest or NEBH hospital prices increase;
  - Potential for spending increases due to changes to referral patterns;
  - Potential for significantly increased market concentration in BIDCO's market share for inpatient services, as well as for orthopedic and musculoskeletal services in the service areas of NEBH, Metrowest, and the BIDCO hospitals; and
  - Potential impacts from NEBH's contracting exclusively through BIDCO on NEBH's standing as a high-quality, low-cost specialty provider in the market.
- At the same time, the parties describe plans to enhance care delivery and integrate clinical practices that they indicate will improve quality and lower costs.
- Conducting these CMIRs will enable us to objectively examine all aspects of the proposed transactions in order to better understand the impact of these transactions and the growth of the BIDCO system on costs and market functioning, including both the opportunities and challenges presented by the proposed changes.

## Factors for review

### The HPC will assess the potential impacts of the transactions based on a variety of statutory factors

- A. The impact of the proposed transactions, considered in light of concurrent market developments, on **costs and market functioning** in Massachusetts, including:
  - Prices (e.g., for hospitals, physicians, and other providers, including fee-for-service, capitated, and other prices)
  - Total medical expenses (“TME”)
  - Patient care referral patterns
  - Competing options for care delivery
  - Quality of and access to health care services
- B. **Physician dynamics**, including the Parties’ plans related to physician recruitment, compensation, and management
- C. The Parties’ **size and market position in the geographies they serve**, including market shares for relevant services
- D. The Parties’ **role in serving at-risk, underserved, and government payer populations**, and in **providing low- or negative-margin services**
- E. The Parties’ **plans for patient care management**, including the proposed integration of the Parties’ clinical information systems, and the potential **impact of those plans on quality, costs, and market dynamics**
- F. The impact of the proposed material change in light of **other prior and proposed health care transactions involving the parties**
- G. Other factors concerning cost and market impact as the HPC may identify

# Process for cost and market impact reviews

## Inputs

- Data and documents:
  - Parties' production
  - Publicly available information
  - Data from payers, providers, and other market stakeholders
- Support from expert consultants
- Feedback from Commissioners
- Information gathered is exempted from public records law, but the HPC may engage in a balancing test and disclose information in a CMIR report

## Outputs

- Issuance of a preliminary report with factual findings
- Feedback from parties and other market participants
- Final report issued 30 or more days after preliminary report
- Proposed change may be completed 30 or more days after issuance of final report
- Potential referral to Massachusetts Attorney General's Office

## CMIR process timeline

For these transactions, we intend to coordinate our reviews and to issue findings in a combined report (if the review timelines remain aligned)

	30 days	21 Days*	74 Days to 104 Days, plus any time granted to parties for responses to information requests			Up to 30 Days	Up to 30 Days
HPC initial review of completed material change notice	█						
Any decision to initiate CMIR; notice to parties		▲					
Parties respond to information requests and Board votes to continue the review		█					
Staff conduct CMIR; interchange with parties and stakeholders; regular updates to HPC committees and Board			█	█	█		
Preliminary report issued						▲	
Parties review and may respond						█	
Review of party responses; Board vote to issue final report, with or without referral**							█ ▲

\*The parties may request extensions to this timeline which may likewise affect the timing of the report

\*\*The parties must wait 30 days following the issuance of the final report to close the transaction



## Vote: Authorizing the Continuation of CMIR #1

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**Motion:** That the Commission hereby authorizes the continuation of the cost and market impact review of the proposed material change regarding the proposed contracting affiliation between Beth Israel Deaconess Physician Organization, LLC d/b/a Beth Israel Deaconess Care Organization, New England Baptist Hospital, and New England Baptist Clinical Integration Organization, LLC, pursuant to section 13 of chapter 6D of the Massachusetts General Laws and 958 CMR 7.00 et seq.

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## Vote: Authorizing the Continuation of CMIR #2

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**Motion:** That the Commission hereby authorizes the continuation of the cost and market impact review of the proposed material change regarding the proposed contracting affiliation between Beth Israel Deaconess Physician Organization, LLC d/b/a Beth Israel Deaconess Care Organization and MetroWest Medical Center, pursuant to section 13 of chapter 6D of the Massachusetts General Laws and 958 CMR 7.00 *et seq.*

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# 2015 COST TRENDS REPORT

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Massachusetts Health Policy Commission

# Legislative mandate for HPC's annual cost trends report

## Section 8g of Chapter 224 of the Acts of 2012

The commission shall compile an **annual report concerning spending trends and underlying factors**, along with any **recommendations for strategies to increase the efficiency of the health care system**. The report shall be based on the commission's analysis of information provided at the **hearings** by providers, provider organizations and insurers, **registration data** collected under section 11, **data collected by the Center for Health Information and Analysis** under sections 8, 9 and 10 of chapter 12C and **any other information the commission considers necessary to fulfill its duties under this section**, as further defined in regulations promulgated by the commission. The report shall be submitted to the chairs of the house and senate committees on ways and means and the chairs of the joint committee on health care financing and shall be published and available to the public not later than December 31 of each year. The report shall include **any legislative language necessary to implement the recommendations**.

### Required outputs

- **Annual report concerning spending trends and underlying factors**
- **Recommendations for strategies to increase efficiency**
- **Legislative language necessary to implement recommendations**

### Data inputs

- **Hearings**
- **Registration data**
- **CHIA data**
- **Any other information necessary to fulfill duties**

# Agenda

- **HPC Presentation**

- Select findings concerning spending trends and underlying factors from the 2015 Cost Trends Report

- Board Discussion

- Significance of findings
- Recommendations for inclusion in the final report



# Presentation themes and potential areas for recommendations

## Themes

### Spending and the delivery system

- Spending trends
- MassHealth
- Drug spending
- Outpatient spending
- Market consolidation

### Opportunities in quality & efficiency

- Variation in prices & spending
- Avoidable hospital use
- Post-acute care
- Primary care access

### Progress in aligning incentives

- APMs
- Demand-side incentives

## Potential areas for recommendations

- Promoting a value-based market, addressing market dysfunction
- Supporting efficient, high-quality care
- Advancing alternative payment methods, cultivating alignment
- Engaging employers and consumers in value-oriented choices
- Enhancing transparency, data, and infrastructure

## Select findings from the 2015 Cost Trends Report

Overview of  
spending and the  
delivery system



Opportunities to  
improve quality &  
efficiency

Progress in  
aligning  
incentives

2014 spending  
growth

Prescription  
drug spending

Hospital outpatient  
spending

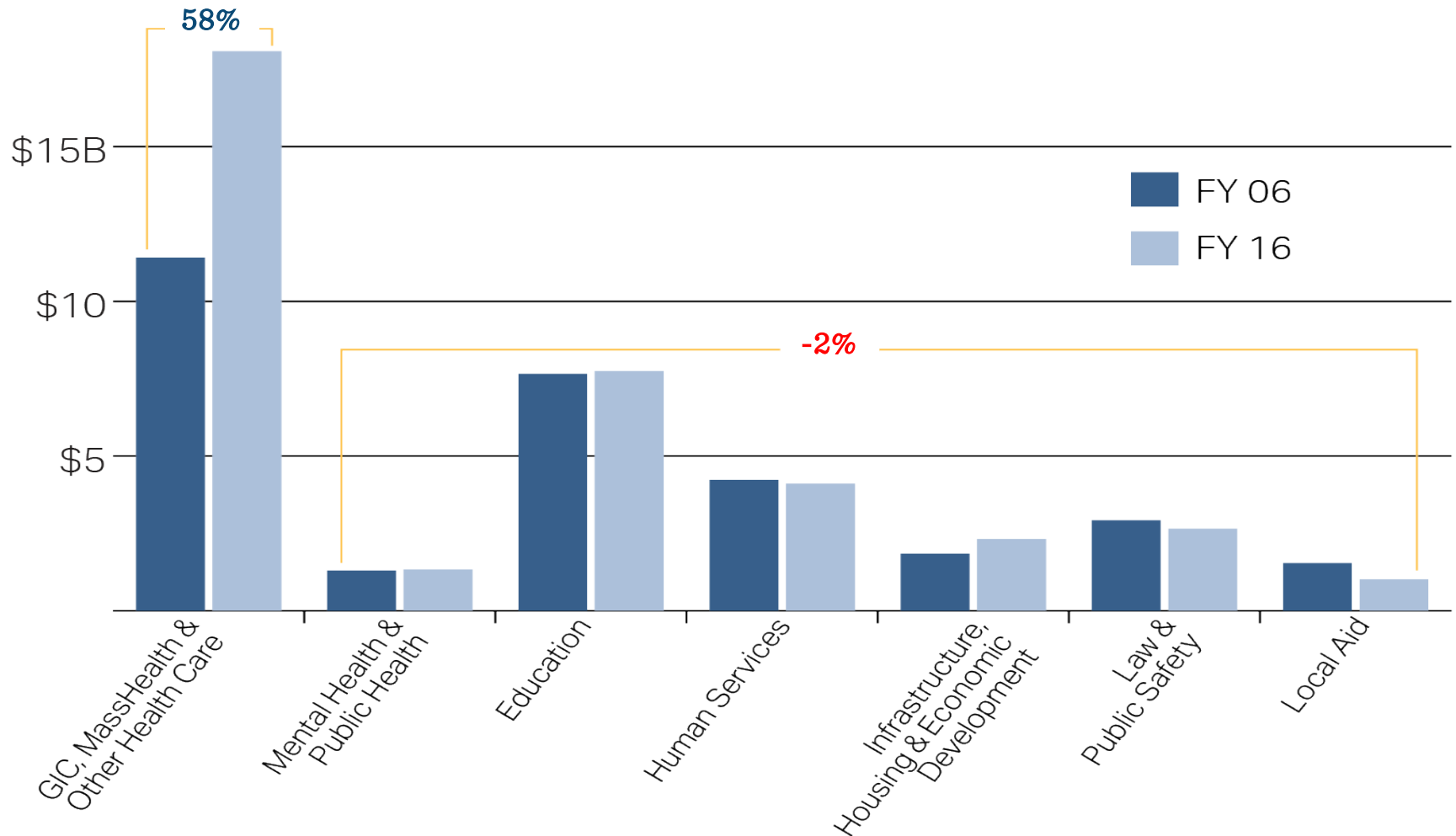
Trends in  
provider markets





# Government health care spending crowds out other taxpayer-funded priorities

*Inflation-adjusted budgeted dollars in Fiscal Year, in billions*

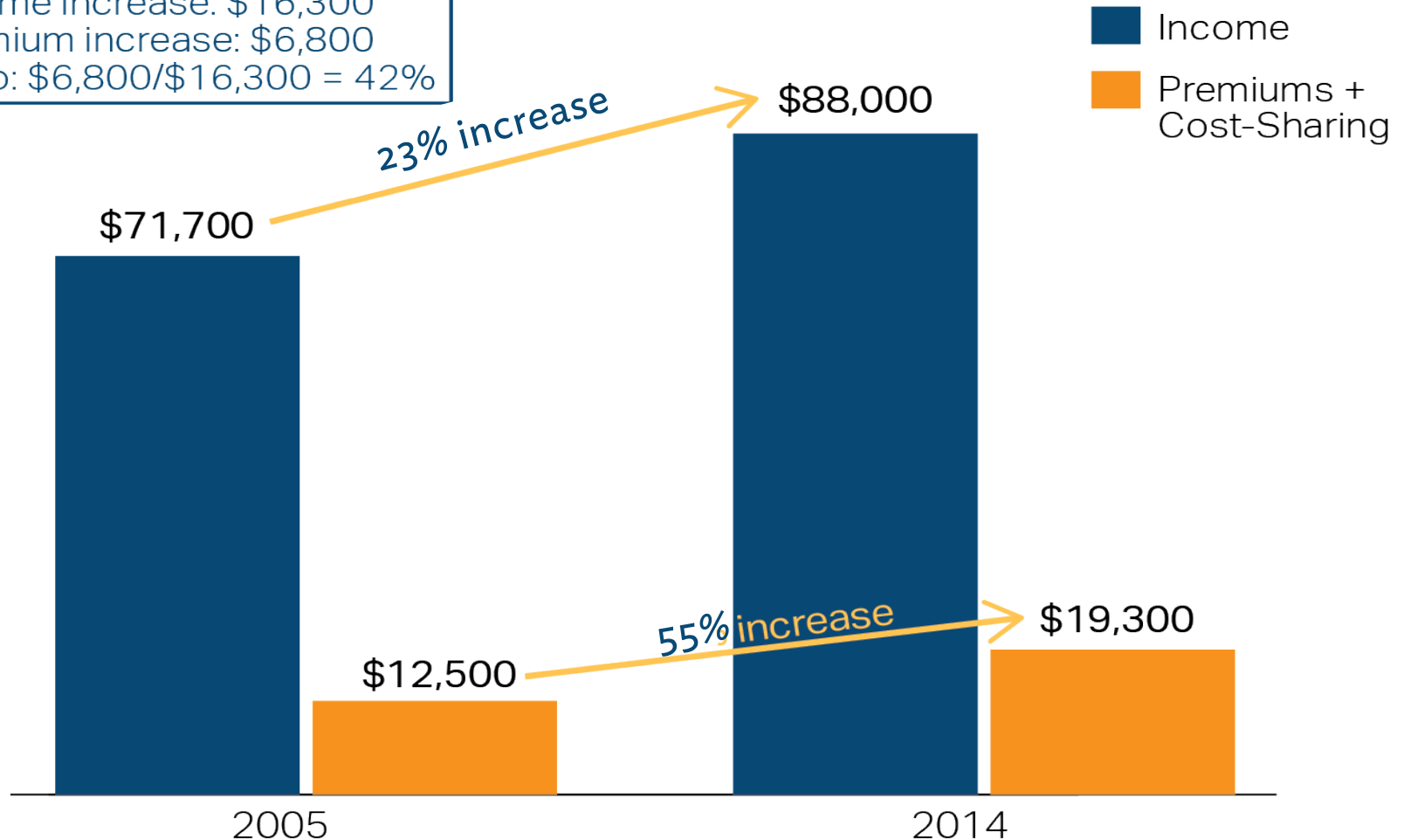


Note: Data are CPI-adjusted. Other health care includes operations funding and the ACA coverage expansion  
Source: Massachusetts budget data obtained from massbudget.org

# Increases in health insurance premiums have outpaced income gains, consuming over 40% of family income growth since 2005

Dollars in year shown

Income increase: \$16,300  
Premium increase: \$6,800  
Ratio:  $\$6,800 / \$16,300 = 42\%$



Note: Data are in nominal dollars. Includes cost-sharing

Source: American Community Survey (income data), Agency for Healthcare Research and Quality (premiums), and Center for Health Information and Analysis (cost-sharing)

# Massachusetts health care spending growth in 2014

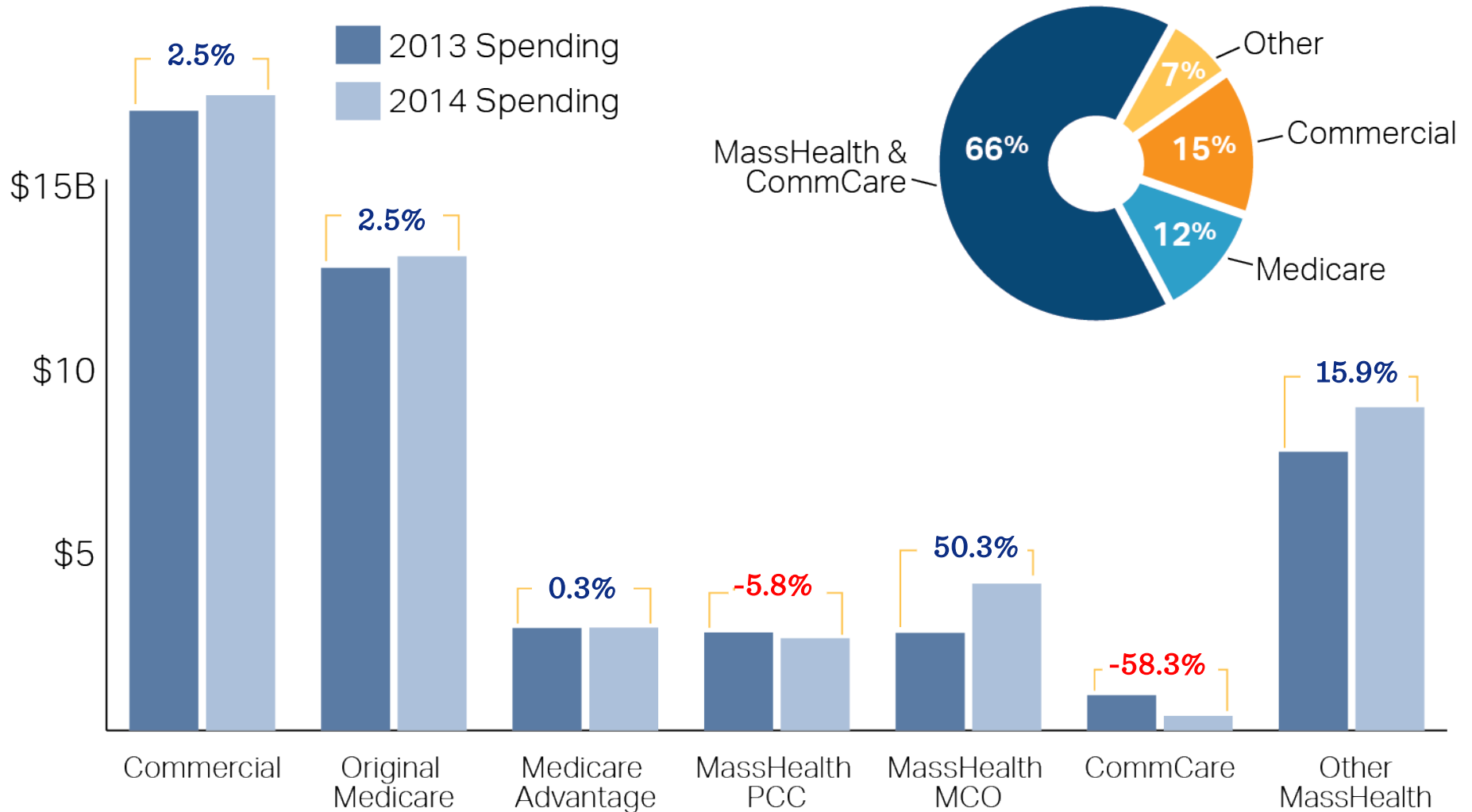
## Background

- Between 2013 and 2014, health care spending per resident (THCE) grew **4.8%**, exceeding the health care cost benchmark established by the HPC by 1.2 percentage points. In 2014, THCE in Massachusetts was \$54 billion or **\$8,010 per resident**.
- In 2014, commercial cost of health insurance coverage increased by **2.6%**, for both fully-insured premiums (+1.6%) and self-insured premium equivalents (+3.4%), while benefit levels remained constant.
- The final analysis of 2012- 2013 found that THCE grew 2.4%, or 1.2 percentage points below the 3.6% benchmark, and below comparable national averages.

# MassHealth accounted for two-thirds of the 2013-2014 spending growth

Spending growth in billions of dollars

% of 2013-2014 Growth

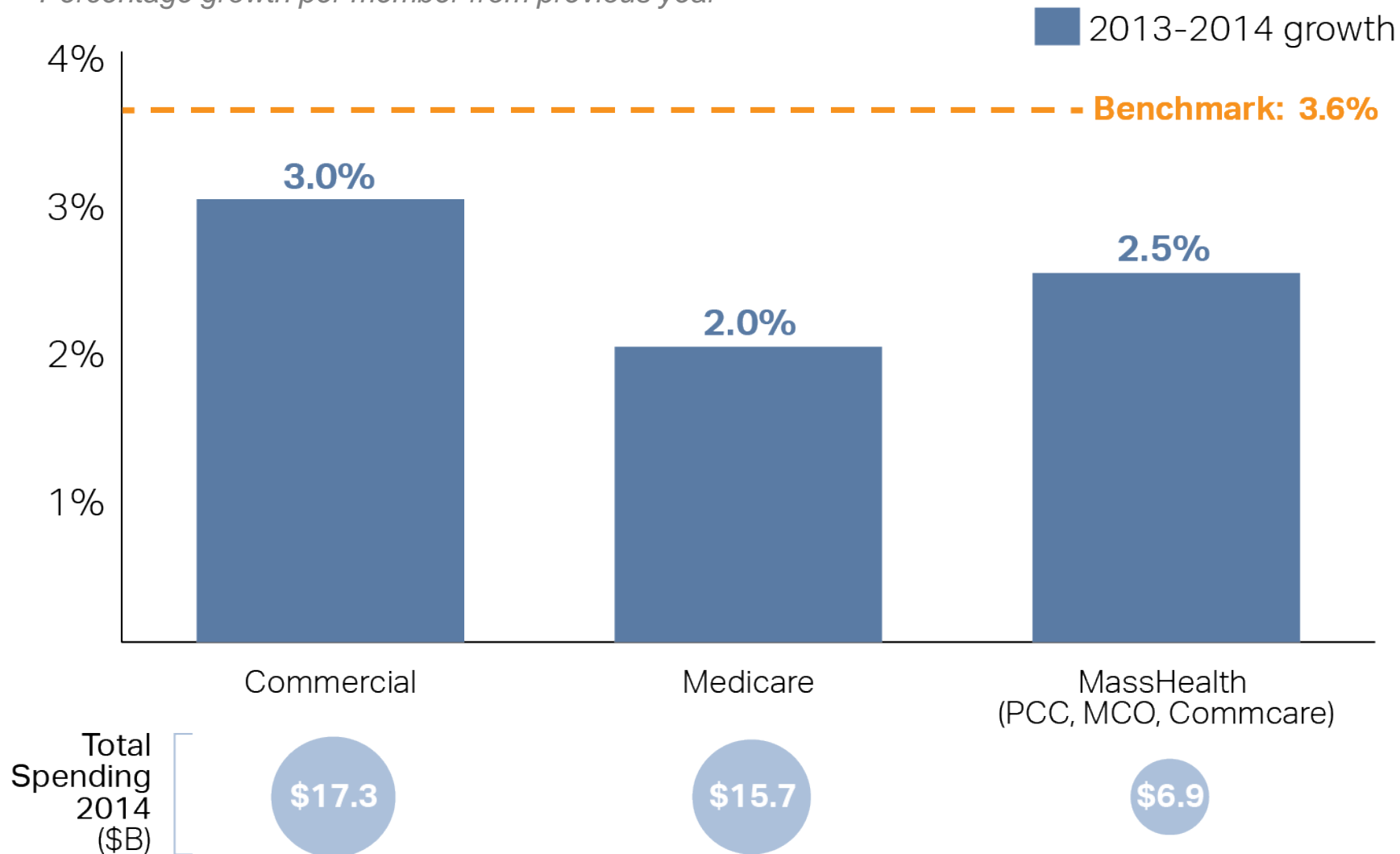


Note: Commercial spending includes reported full and partial claims data for residents insured by in-state carriers. About 600,000 residents with commercial insurance via out-of-state carriers are excluded. VA and some other minor payers not included in figure. MassHealth spending include all spending by EOHHS agencies on behalf of MassHealth members, including pass-through claims for DMH and DDS services, supplemental payments to hospitals, etc.

Source: Center for Health Information and Analysis, Total Health Care Expenditures

## Per enrollee, all categories of spending grew at rates below the benchmark

Percentage growth per member from previous year

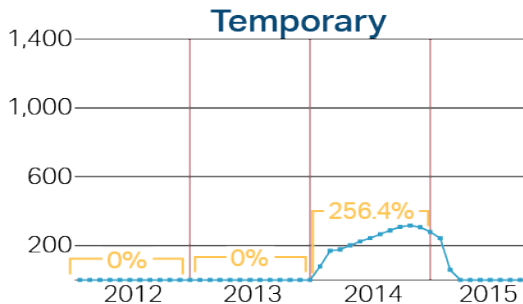
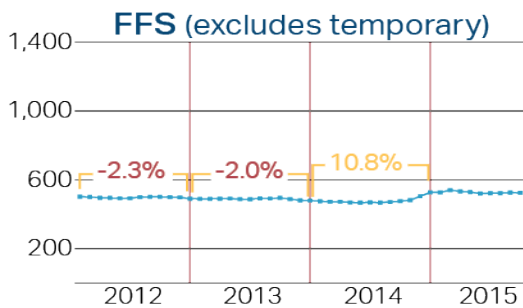
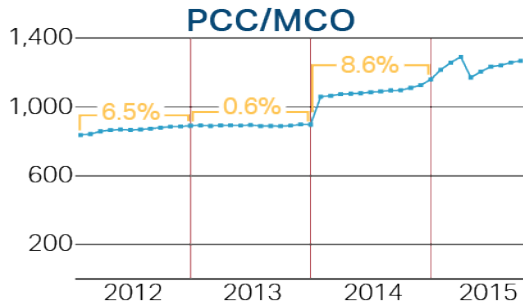


Note: MassHealth FFS not shown due to considerable enrollee flux in 2014 combined with the fact that much FFS spending is for individuals primarily covered (and already included) in the Commercial or Medicare populations

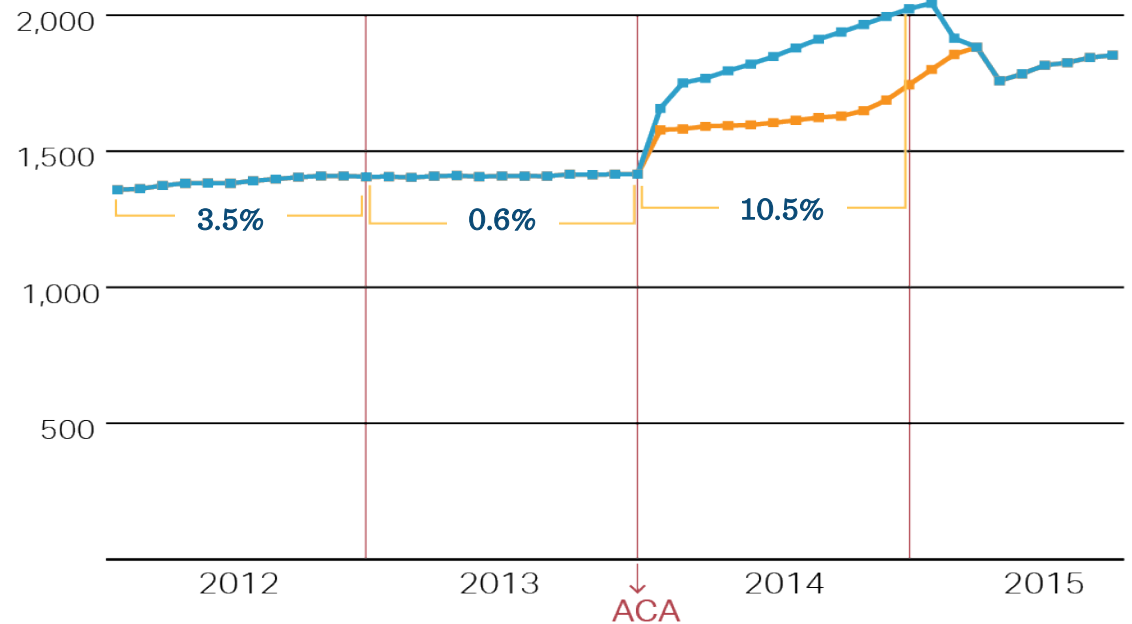
Source: Center for Health Information and Analysis, Total Health Care Expenditures

# Baseline trends, the ACA, and a temporary program for 2014 Connector applicants all contributed to significant MassHealth enrollment growth

Enrollment (thousands)



## Total MassHealth



- Total (with Temp)
- Total (without Temp)

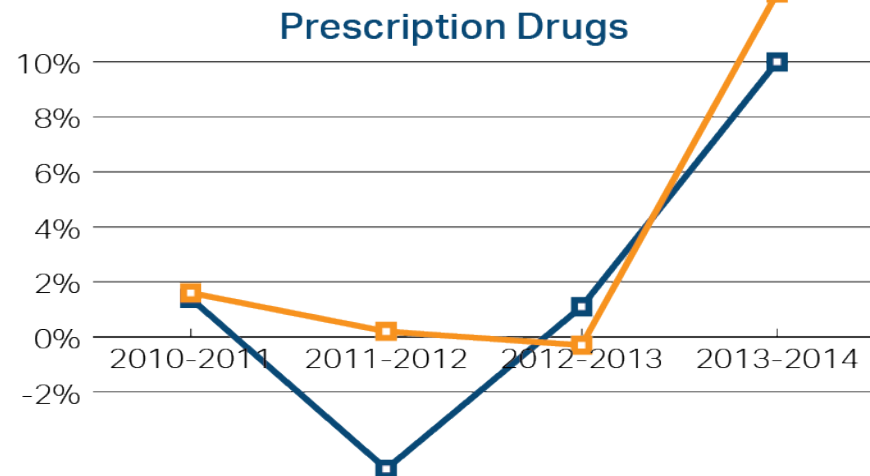
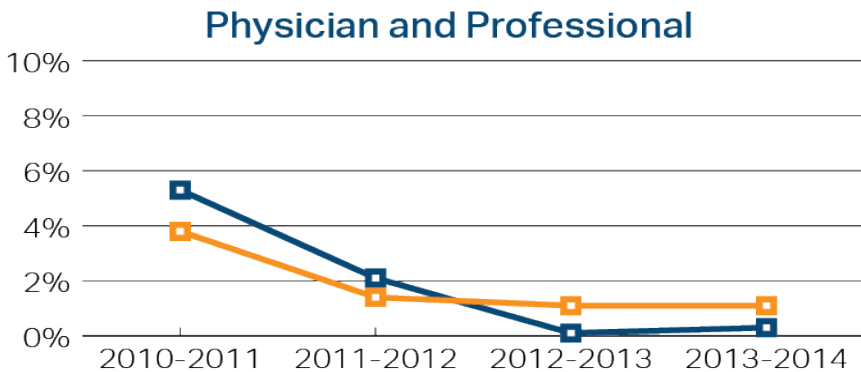
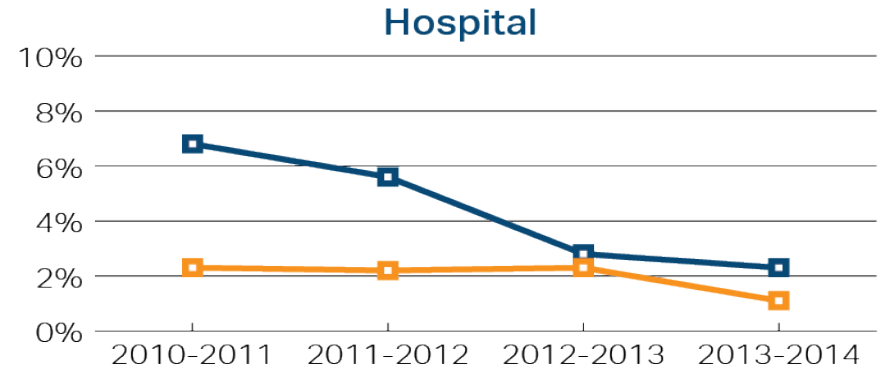
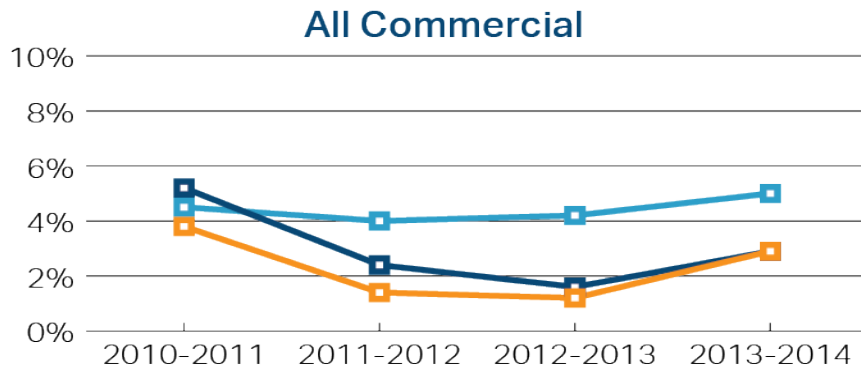
Note: The MassHealth Enrollment Snapshot and THCE define MassHealth enrollment differently. Approximately 2.4 million members months for individuals enrolled in the Health Safety Net, Children's Medical Security Plan, and DMH-only as well as CommCare-unenrolled are included in THCE but not the Enrollment Snapshot

Source: Center for Health Information and Analysis, Enrollment Snapshot

# Commercial spending growth remained low in each category of spending with the exception of prescription drugs

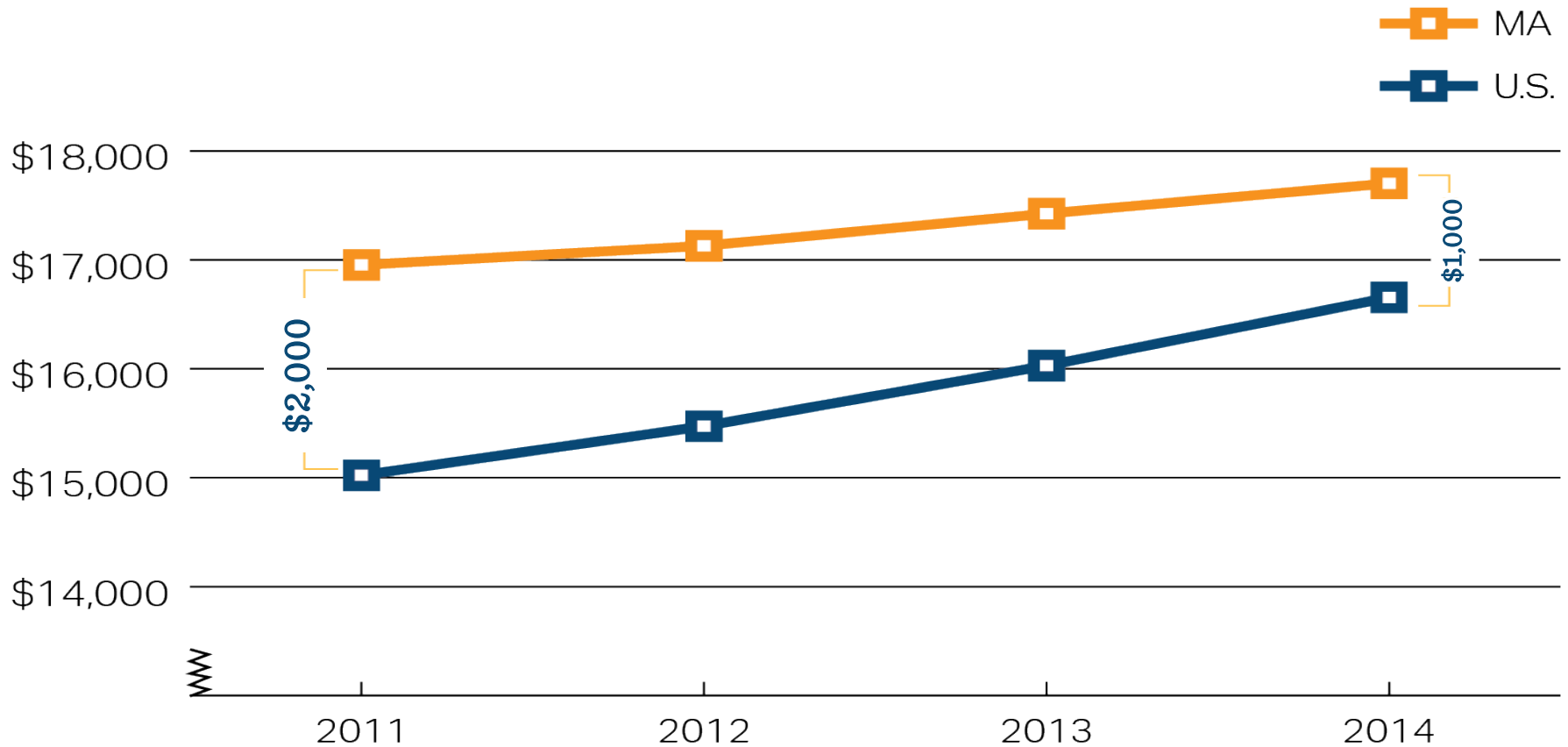
Annual spending growth per member

U.S. (CMS) MA Northeast (HCCI)



# As a result of continued slow commercial spending growth, Massachusetts is closing the (family) premium gap with the rest of the US

Annual family premiums in nominal dollars, does not include cost-sharing



Note: Data include premiums for employer-sponsored private health insurance and account for both employer and employee contributions. Figures do not include cost-sharing

Source: Agency for Healthcare Quality and Research, Medical Expenditure Panel Survey



## While premiums grew slowly, health care is still unaffordable for many

### Family employer health insurance premiums plus cost-sharing in 2014 (\$19,300) were:

- Greater than the annual full-time earnings of a minimum wage worker in Massachusetts (\$16,640)
- 40% of the annual income of a family of four living at twice (200%) the federal poverty level

### Cost sharing in 2015 grew faster than premiums

- Cost-sharing (copayments and deductibles) increased 4.9% overall in 2014
- The increase was slightly higher in the individual (5.0%) and self-insured (6.5%) markets

### For many, out of pocket spending and medical debt were a burden

- 19% of residents paid more than \$3,000 out of pocket for health care in 2014
- 17% of residents were paying off old medical bills: 9% of those owed more than \$8,000
- 16.9% residents reported an unmet need for health care due to costs

## Massachusetts health care spending growth in 2014

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### Summary

- MassHealth spending increased by 13% and accounted for two-thirds of the 4.8%; enrollment was an important driver
  - ACA (permanent) and operational difficulties at the Connector (temporary)
- *Per-capita* spending growth for each payer category remained below the benchmark
- Commercial hospital and physician spending grew 1% per capita
- The gap between Massachusetts family premiums and the U.S. average dropped from \$2,000 in 2011 to \$1,000 in 2014, yet affordability problems remain for many
- While commercial spending growth was relatively low overall, there were increases in prescription drugs, outpatient spending, and prices

# Prescription drug spending

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## Background

- Prescription drug spending increased by 13% per capita in 2014. This category of service, across all payers including MassHealth, accounted for 1.6 percentage points of the 4.8% growth in THCE
  - Prescription drug spending accounted for 13.5% of THCE in 2014
  - Trends in Massachusetts mirror U.S. growth of 12% per capita between 2013 and 2014, after a decade of relatively low growth
  - Drug spending numbers do not include manufacturer rebates
- Many similar factors drive drug spending in Massachusetts as in the U.S. overall
  - Drug prices have a national nature through pharmacy benefit management companies (PBMs), although private payers can also negotiate independently with drug manufacturers for additional rebates
  - Distribution of prescriptions by payer is similar in Massachusetts and the U.S.

# Drivers of national pharmaceutical spending in 2014

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## 1 New high-cost drugs

Sofosbuvir (Sovaldi) and other HCV drugs entered the market late 2013 and early 2014 at extremely high prices, e.g. \$84,000 (list price) for 12-week treatment with Sofosbuvir

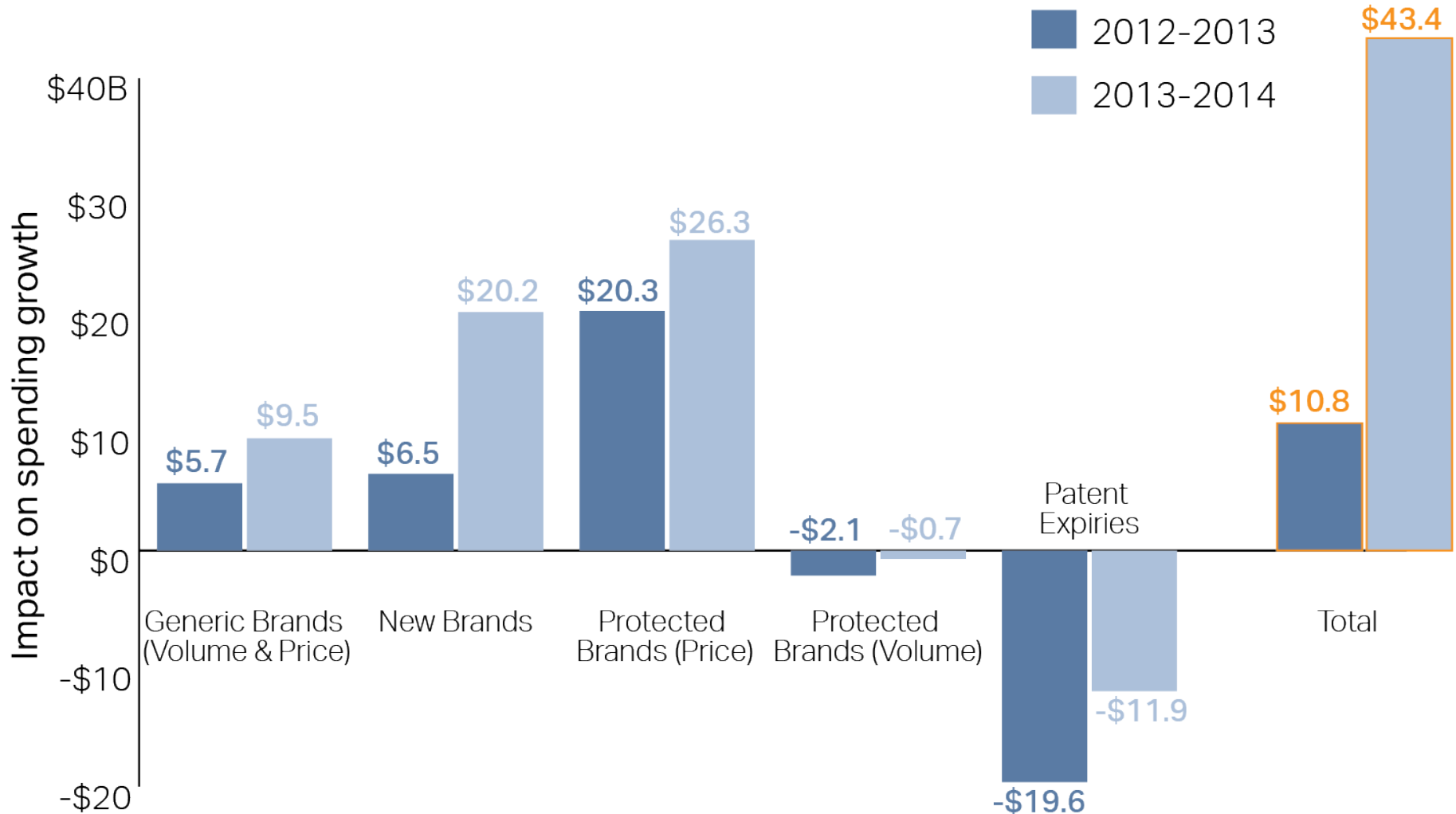
## 2 Large drug price increases

While price increases for brand-name drugs have the greatest impact on total spending, increases for some generics also impact spending and access

## 3 Low rate of patent expirations

# Many factors led to increased nationwide drug spending in 2014

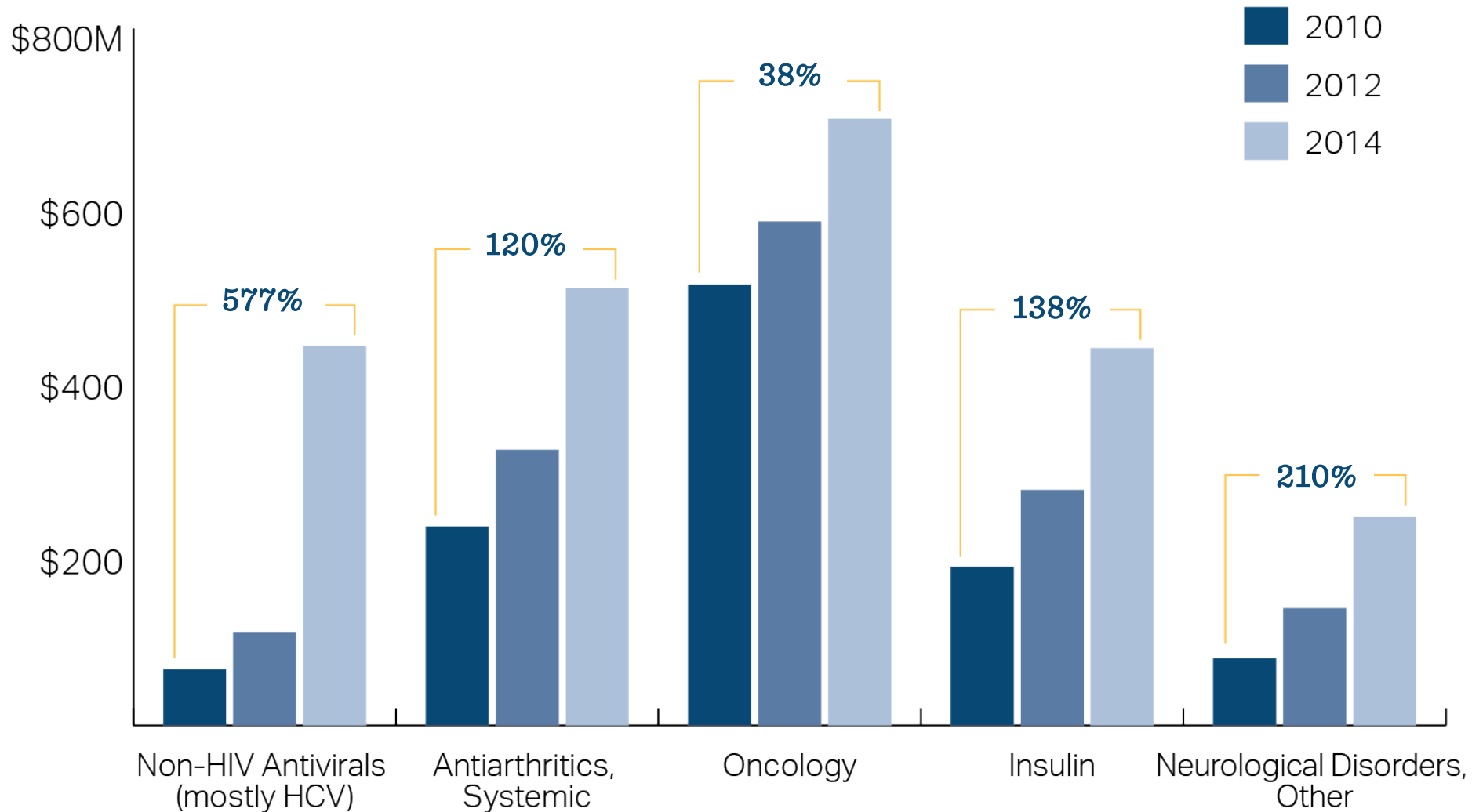
Components of U.S. spending growth for pharmacy and non-pharmacy drugs



Note: Adjusted for rebates and discounts, protected brand price grew \$11.8B in 2013 and \$10.3B in 2014  
 Source: IMS, "Medicines Use and Spending Shifts: A Review of the Use of Medicines in the U.S. in 2014," April 2015

# In Massachusetts, growth in drug spending was driven by hepatitis C drugs, but many other drug classes also had large spending increases

Annual spending for 5 drug classes with highest contribution to growth in 2014, millions of dollars



Note: Drug spending figures do not account for manufacturer rebates, which could affect both level and trend of spending

Source: Data from IMS Health Incorporated

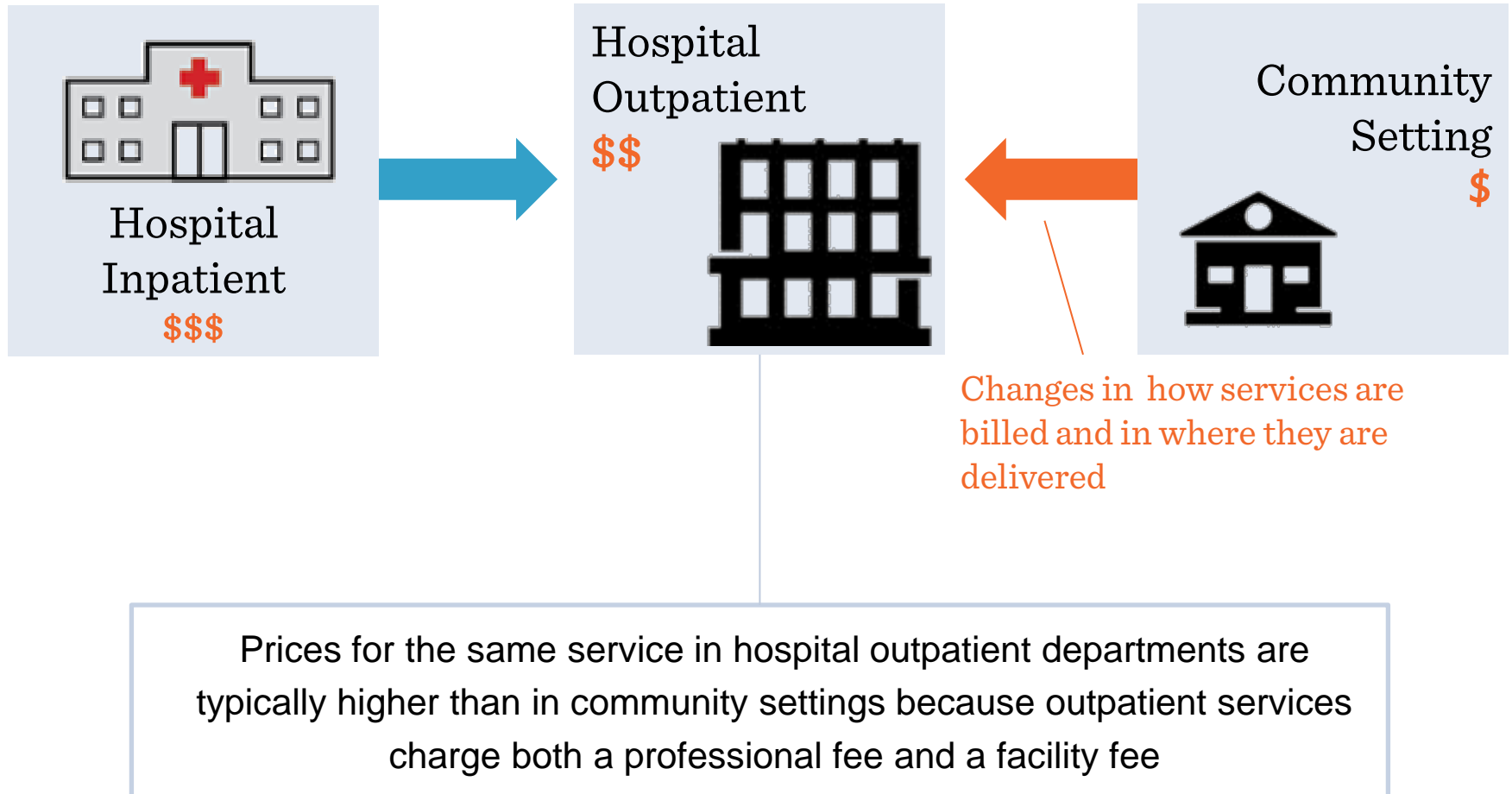
# Hospital outpatient spending

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## Background

- Between 2010 and 2014, hospital outpatient spending had one of the fastest annual growth rates, for both Medicare (6%) and commercial (3%)
- In 2014, outpatient spending represented 24% of commercial spending and 15% of Medicare spending
- Our analysis compares trends in:
  - Hospital inpatient
  - Hospital outpatient
  - Community settings (non-hospital settings, primarily physician offices and freestanding facilities)

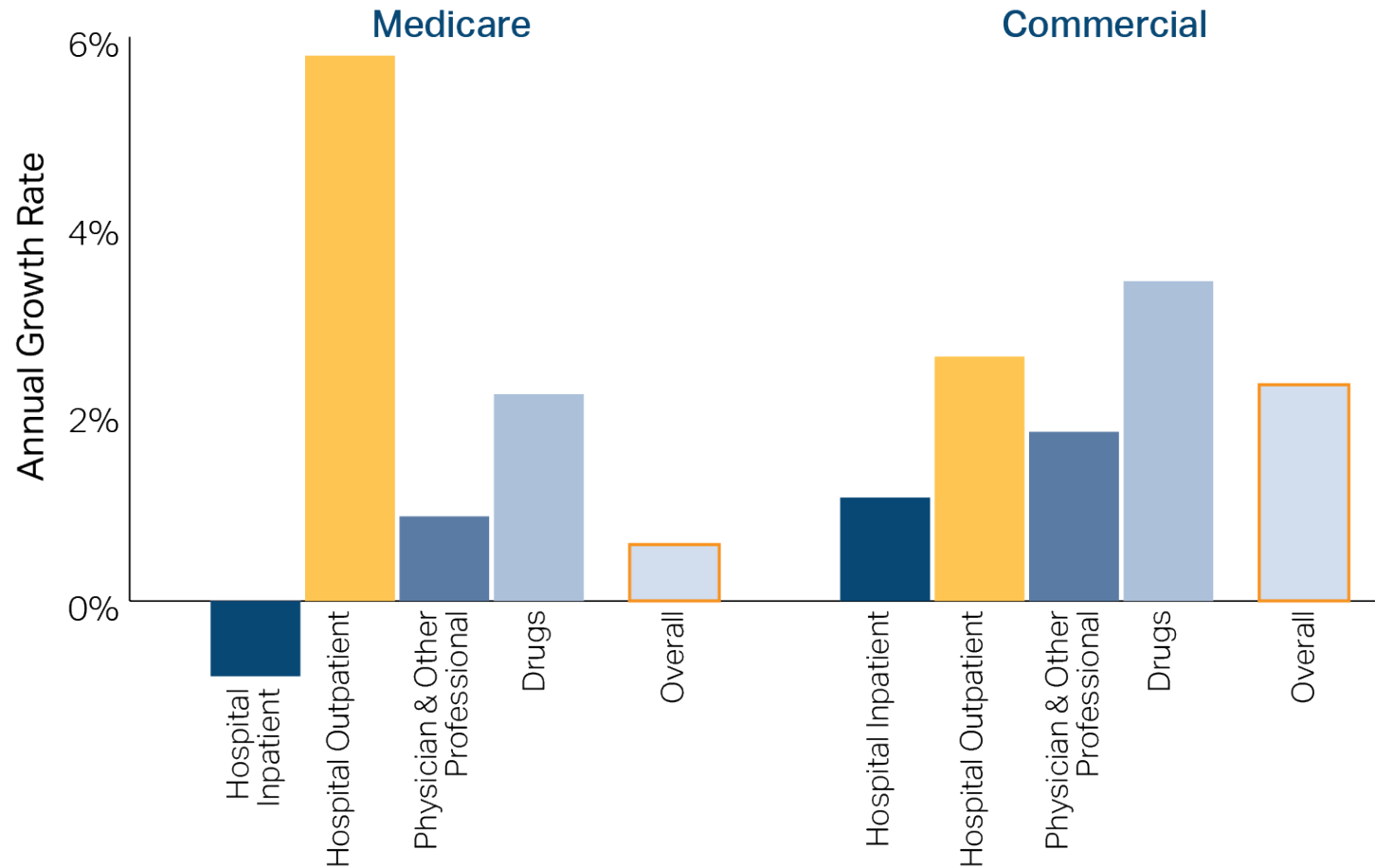
## Some services have shifted from inpatient to outpatient, while others have shifted from the community to outpatient





# Hospital outpatient spending in Massachusetts has consistently high annual growth

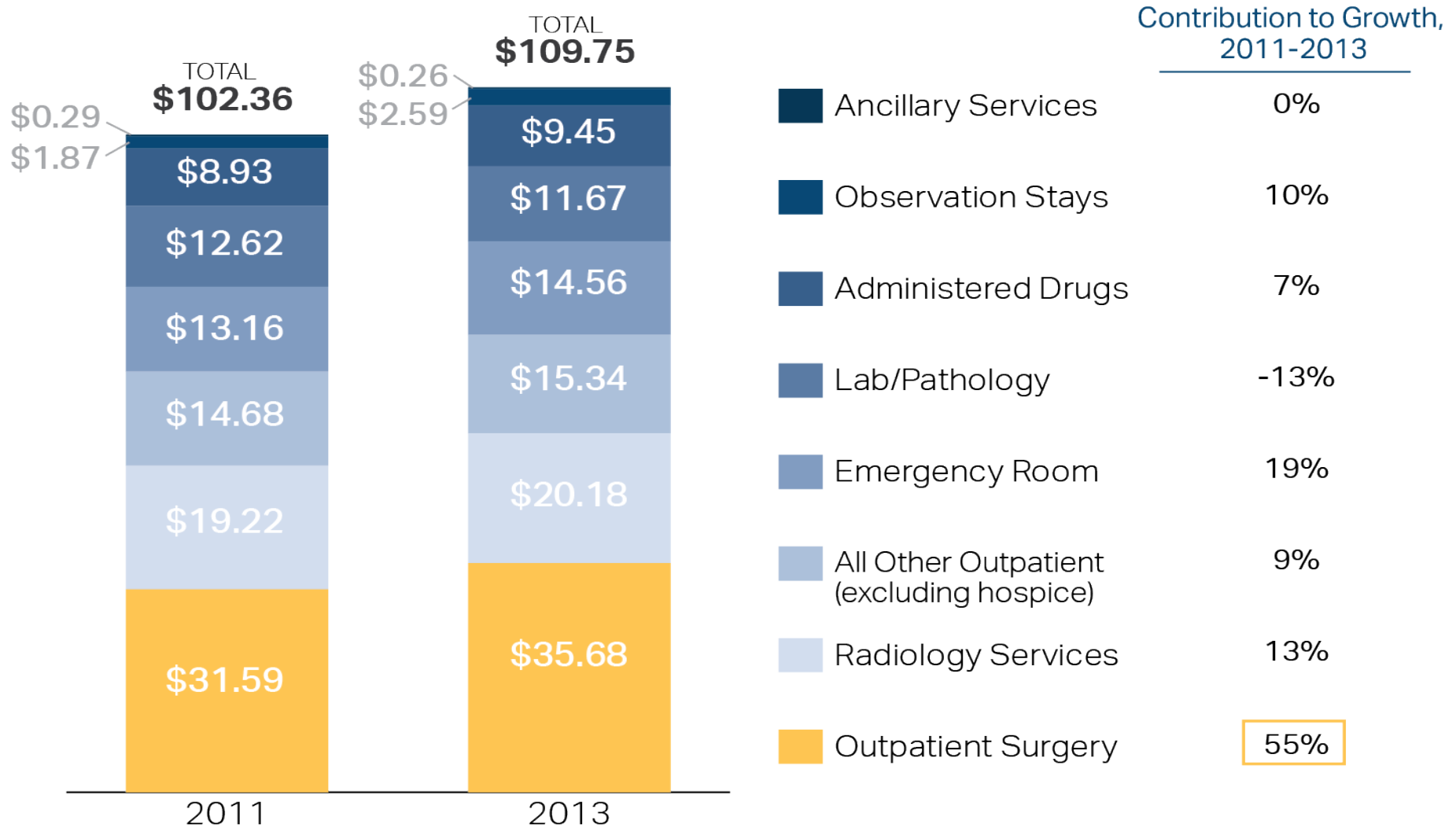
Average annual growth rate in spending, 2010-2014, by category



Source: Medicare Fee For Service spending data from the Center for Medicare and Medicaid Services and Commercial full-claims spending data from the Center for Health Information and Analysis and Kaiser Family Foundation, 2013

# Among commercial payers, hospital outpatient spending growth has been driven by outpatient surgery

Per member per month spending



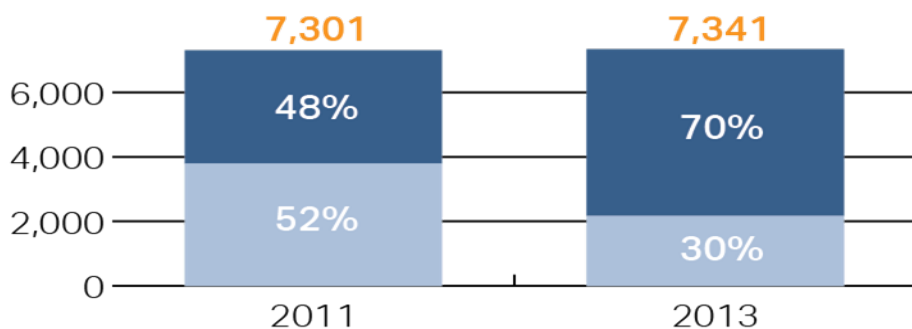
Source: HPC analysis of Massachusetts All Payers Claims Database (payers include Blue Cross Blue Shield, Harvard Pilgrim Health Care, and Tufts Health Plan), 2011-2013

# Changes in site of care: Procedures are shifting from hospital inpatient to hospital outpatient

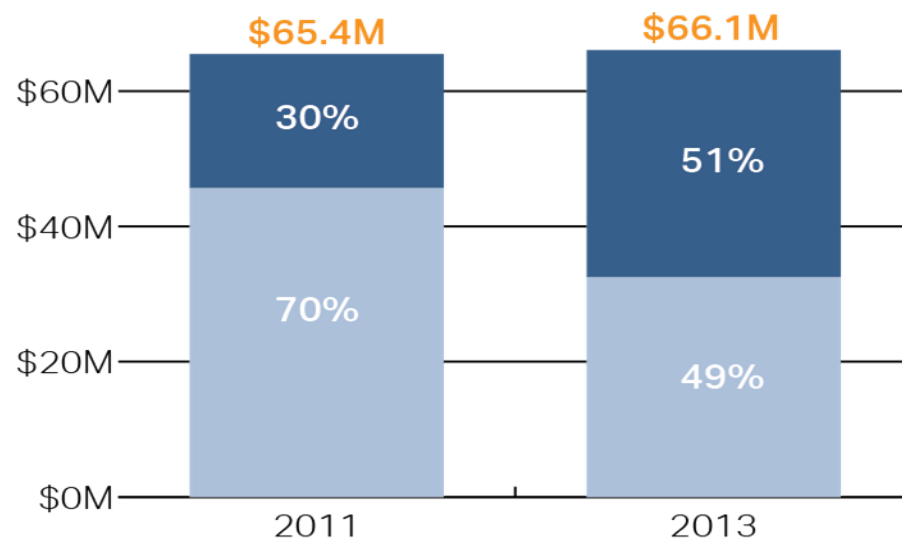
*Volume and spending for laparoscopic cholecystectomy, laparoscopic appendectomy, arthrodesis, laparoscopic total hysterectomy, and laparoscopic vaginal hysterectomy, 2011 and 2013.*

## Analysis of 5 High Volume Crossover Surgical Procedures

**Total Number of Procedures  
2011 to 2013**



**Total Spending  
2011 to 2013**



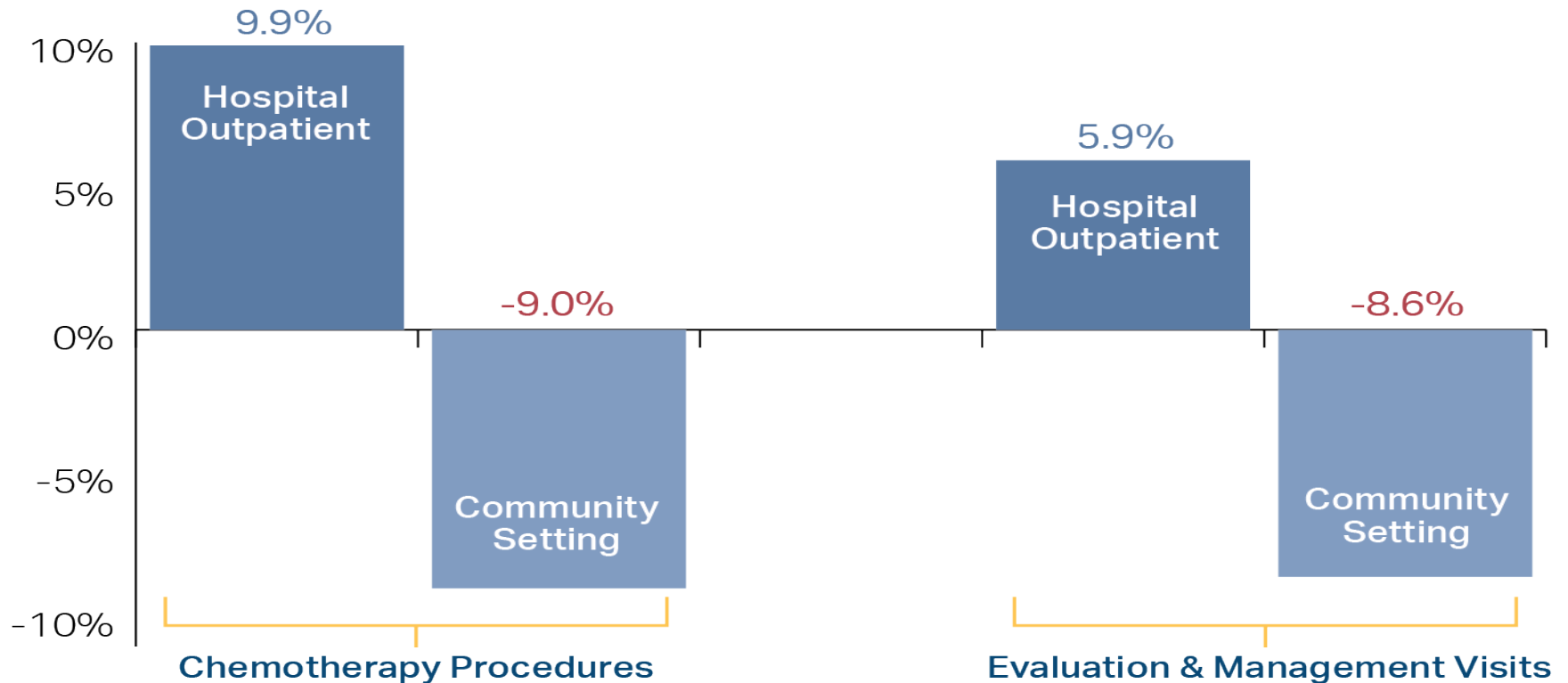
■ Outpatient    ■ Inpatient

Note: The five major cross-over procedures were identified as the highest-volume procedures billed by surgeons in 2013 where at least 10 percent of the surgeries occurred at an inpatient hospital and at least 10 percent occurred in an outpatient setting. Total spending includes insurer and enrollee payments for the facility portion of the surgical procedure. Commercial FFS spending does not include capitated payments. See technical appendix

Source: HPC analysis of Massachusetts All Payers Claims Database (payers include Blue Cross Blue Shield, Harvard Pilgrim Health Care, and Tufts Health Plan), 2011-2013

# Changes in site of care: Chemotherapy and E&M visits are shifting from community settings to hospital outpatient departments

Change in number of procedures per 1,000 member months, 2011 - 2013



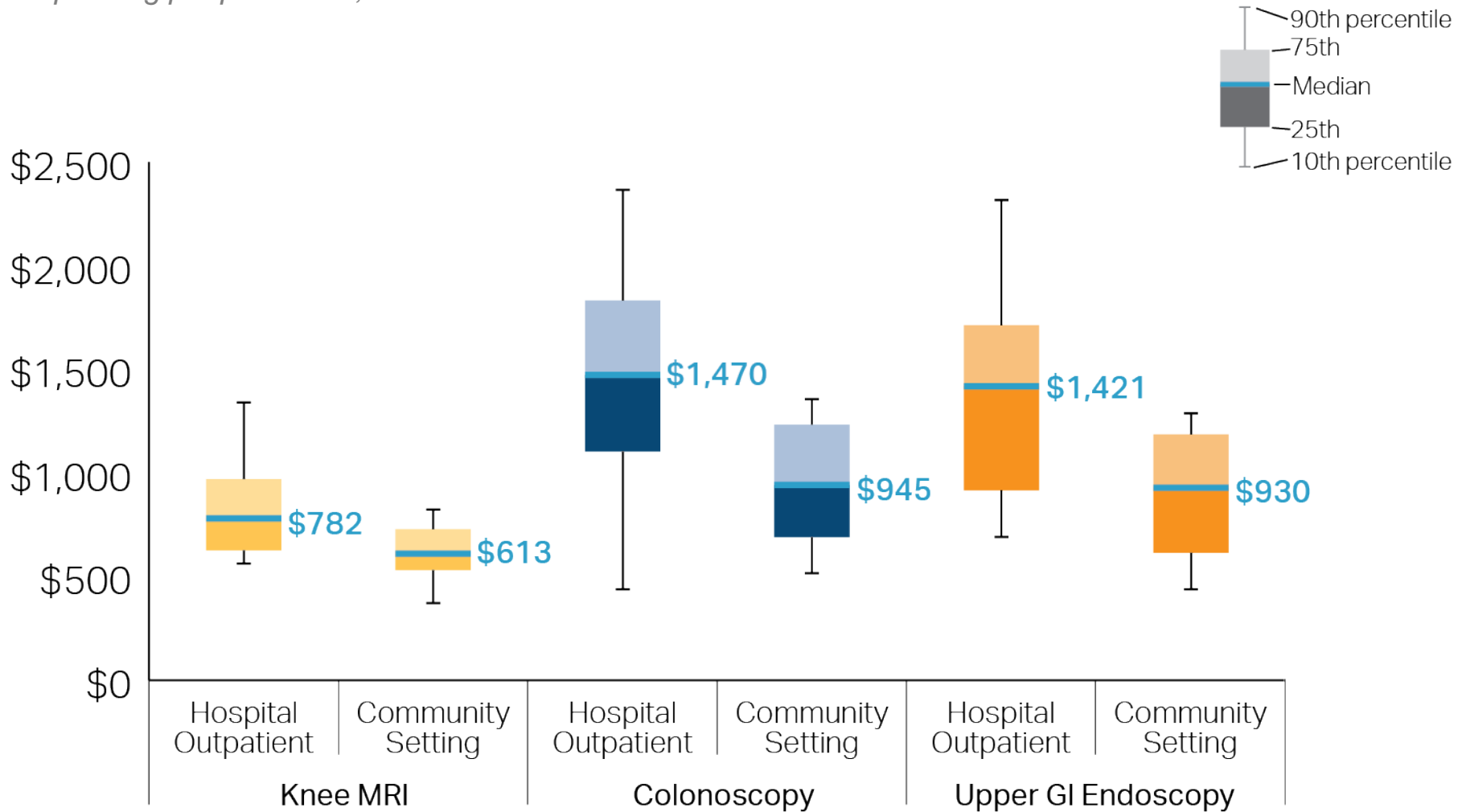
Outpatient prices are typically higher than in community settings: for example, \$298 vs \$177 per procedure for chemotherapy administration in 2013\*

Note: \* Median price. Procedures with a missing site of service or non-community non-hospital outpatient site were excluded. Spending includes insurer and enrollee payments for both the facility and professional portion of the covered medical service, on all claim lines for the same patient on the same date with the same CPT procedure code. Commercial FFS spending does not include capitated payments. Community setting includes office, independent lab, urgent care, ambulatory surgical center, independent clinic, FQHC, public health clinic, walk-in retail health clinic, or rural health clinic. See technical appendix

Source: HPC analysis of Massachusetts All Payers Claims Database (payers include Blue Cross Blue Shield, Harvard Pilgrim Health Care, and Tufts Health Plan), 2011-2013

# For common standard imaging and diagnostic procedures, hospital outpatient departments are more costly than community settings

Spending per procedure, 2013

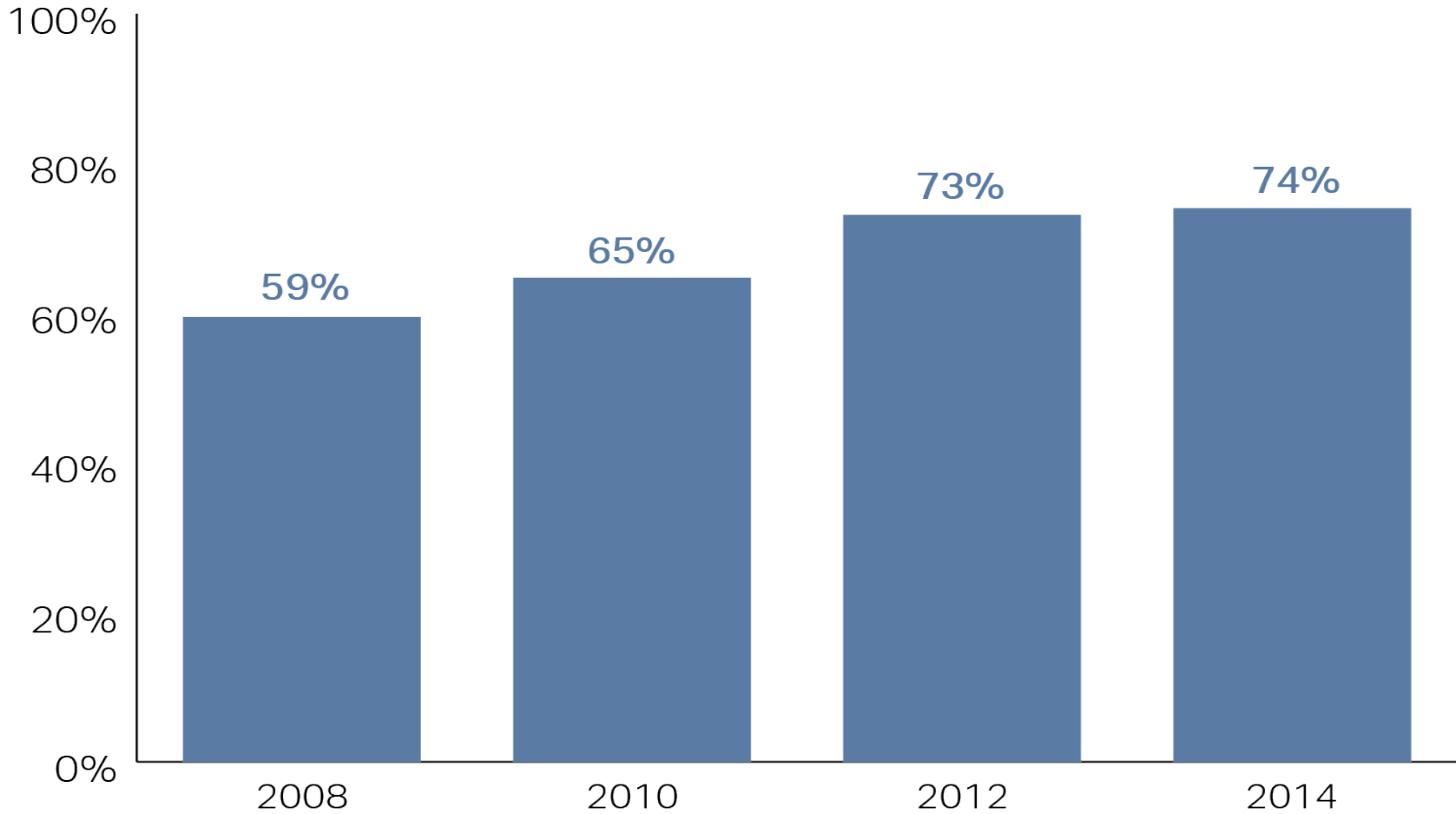


Note: Procedures with a missing site of service or non-community non-hospital outpatient site were excluded. Spending includes insurer and enrollee payments for both the facility and professional portion of the covered medical service, on all claim lines for the same patient on the same date with the same procedure code. Commercial FFS spending does not include capitated payments. See technical appendix

Source: HPC analysis of Massachusetts All Payers Claims Database (payers include Blue Cross Blue Shield, Harvard Pilgrim Health Care, and Tufts Health Plan), 2011-2013

# PCP affiliations with the 8 largest provider systems have increased in recent years

*Percentage of PCPs affiliated with one of the eight largest provider systems, 2008 - 2014*



Note: Reflects PCPs associated with Partners Community Health Care, Beth Israel Deaconess Care Organization, Steward Health Care Network, New England Quality Care Alliance, Atrius Health, UMass Memorial Health Care, Baycare Health Partners, and Lahey Health System

Source: HPC analysis of data from Massachusetts Health Quality Partners

# Drug spending, outpatient spending, and trends in provider markets

## Summary

### Drug spending

- In 2014, prescription drug spending increased by 13% per capita in 2014, accounting for 1.6% of the 4.8% growth in THCE per capita
- The 2014 spike was driven by both new high-cost drugs (including hepatitis C drugs), price increases, and a low rate of patent expirations; many trends point towards ongoing increases

### Hospital outpatient spending

- Hospital outpatient spending is the fastest-growing category of care aside from the recent spike in prescription drug spending
- Some services (e.g. surgery) have shifted to outpatient departments from inpatient departments while others have shifted from community settings.
- 56% difference in median price of colonoscopy between hospital outpatient department and community setting

### Provider market trends

- One driver of the shift from physician offices to outpatient departments may be the increasing share of physicians affiliated with large systems and the relicensing of physician offices as hospital outpatient departments

## Select findings from the 2015 Cost Trends Report

Overview of  
spending and the  
delivery system

**Opportunities to  
improve quality &  
efficiency**



Progress in  
aligning  
incentives

Variation in prices and  
spending among providers

Avoidable  
hospital use

Post-acute  
care

Access to  
primary care





## Variation in prices and spending among providers

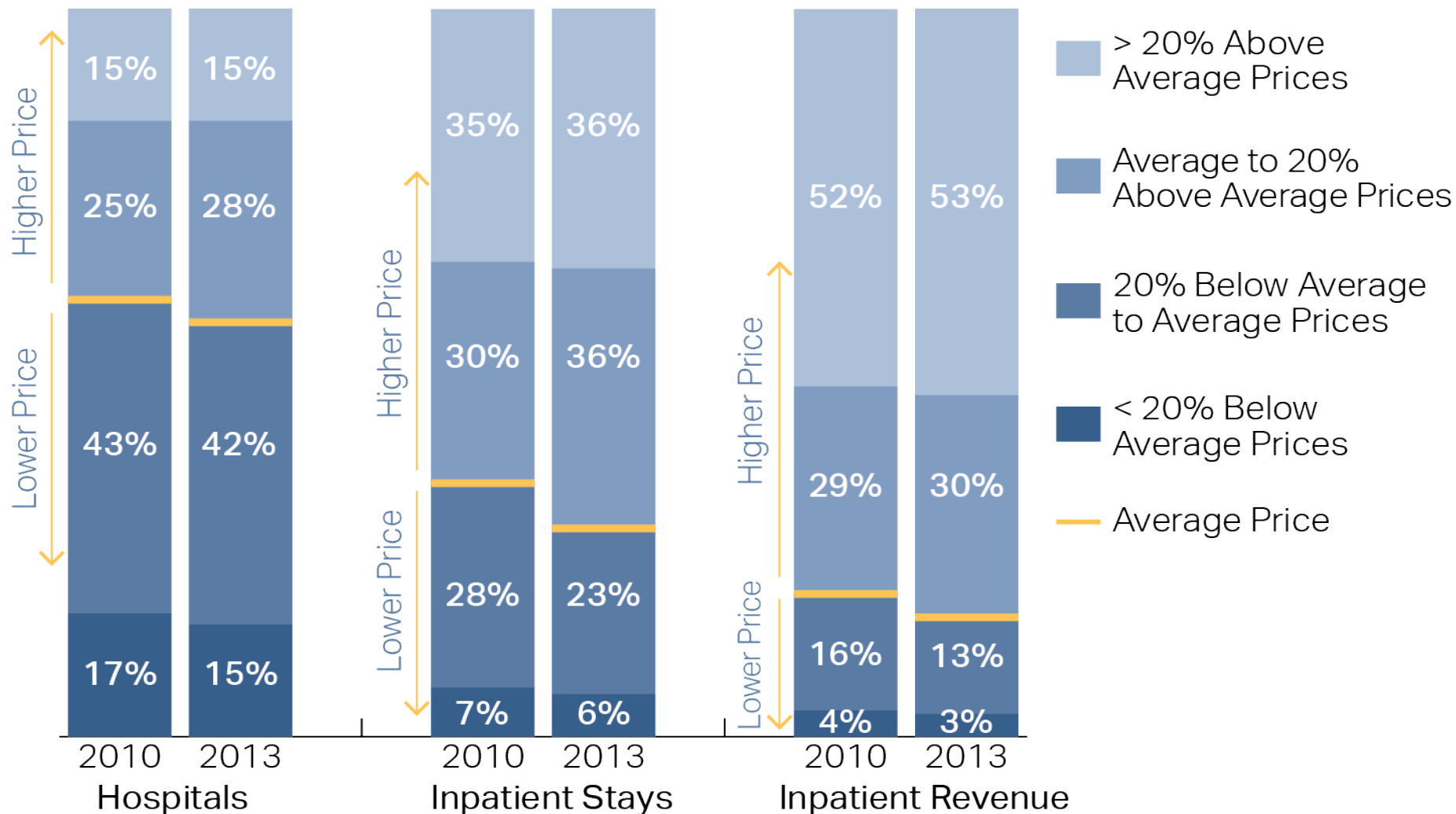
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### Background

- Prices vary significantly among providers in Massachusetts and, in general, this variation is not related to quality
- Price variation, combined with increasing concentration of volume in high-cost providers, leads to higher spending
- In 2015 testimony, payers cited higher prices as the driver of spending growth
- Childbirth is the most common commercial inpatient procedure, accounting for one in six commercial hospital discharges

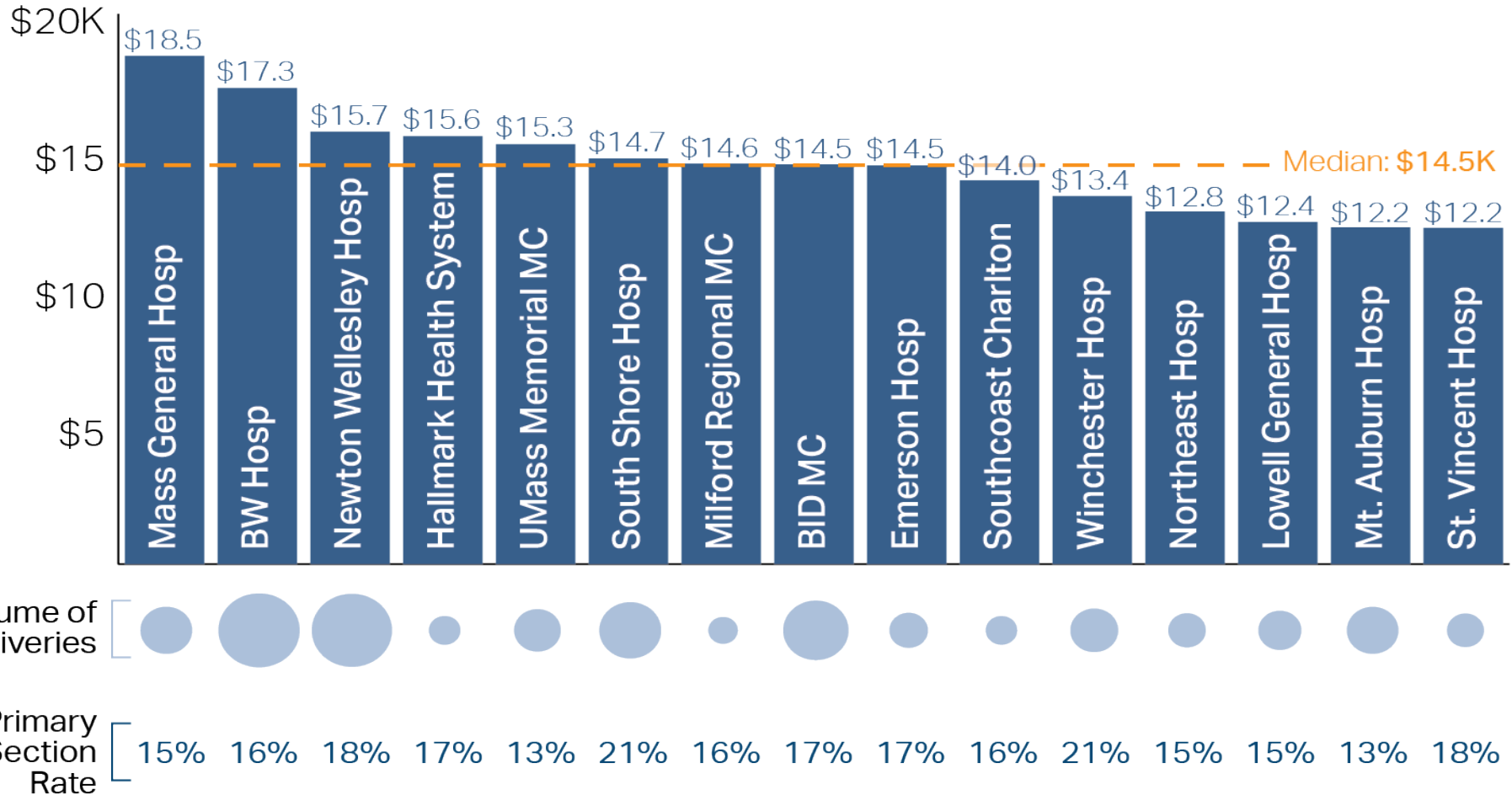
# Higher-priced hospitals continue to receive a disproportionately high share of both inpatient admissions and inpatient revenue

*Inpatient spending, volume and prices for Blue Cross Blue Shield enrollees*



# Episode spending for low-risk pregnancies varied considerably among hospitals, with volume concentrated in higher-cost hospitals

Average total payment per pregnancy episode (\$K), by hospital



Note: Displayed are the 15 hospitals with the highest volume, which accounted for 78% of deliveries. Spending includes both vaginal deliveries and C-sections. Spending data include low-risk, commercial deliveries only, while C-section rates include all payers  
 Source: HPC Analysis of All-Payer Claims Database (payers include Blue Cross Blue Shield, Harvard Pilgrim Health Care, and Tufts Health Plan), 2011- 2012, HPC analysis of CHIA hospital discharge database, 2014

## Variation in prices and spending among providers

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### Summary

- Price variation is not decreasing nor is it self-correcting
- Inpatient stays remain concentrated in high-priced hospitals
- For low-risk pregnancies, spending for an episode of care varied from \$12,200 at the least expensive hospital to \$18,500 at the most expensive hospital, with variation largely driven by the price of the procedure

## Avoidable hospital use / post-acute care

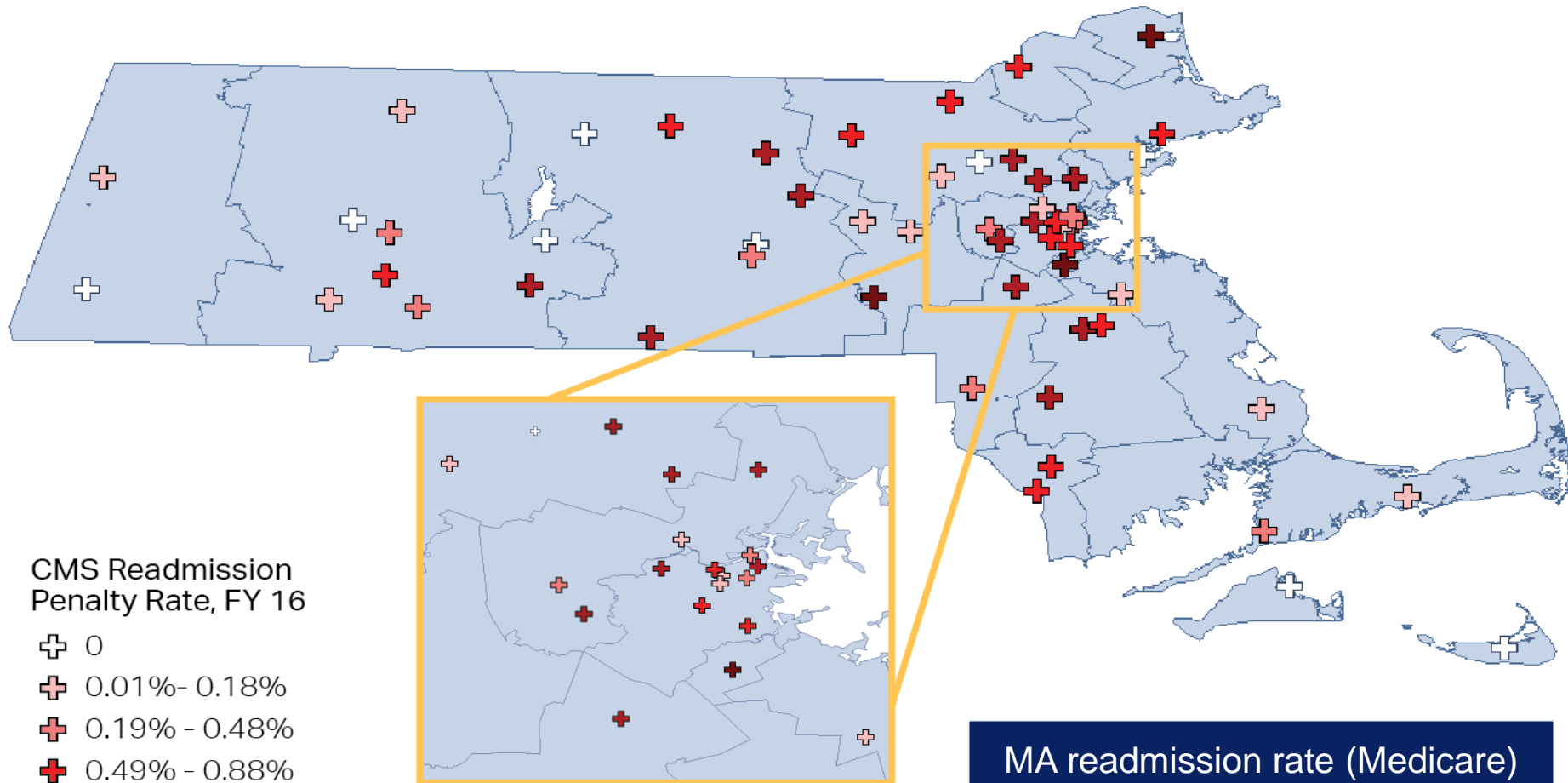
### Background

- Hospital and post-acute care (PAC) use is higher in MA than in the U.S. overall
- Avoidable ED visits make up about half of all ED visits
- Hospitals vary in discharge practice patterns
  - While the “right” level of PAC use is not clear, higher use of institutional settings shows need for focus on optimizing care delivery

Hospital utilization in Massachusetts and the U.S., 2013 (visits per 1,000 residents)				
	MA	U.S.	DIFFERENCE (%)	RANK (1=BEST)
Inpatient Admissions	118	106	11.3	36
Outpatient Visits	3,302	2,145	53.9	47
ED Visits	481	423	13.7	29

# Medicare will penalize most hospitals in Massachusetts in FY 2016 for high readmission rates

CMS' FY 2016 Assessment Rate

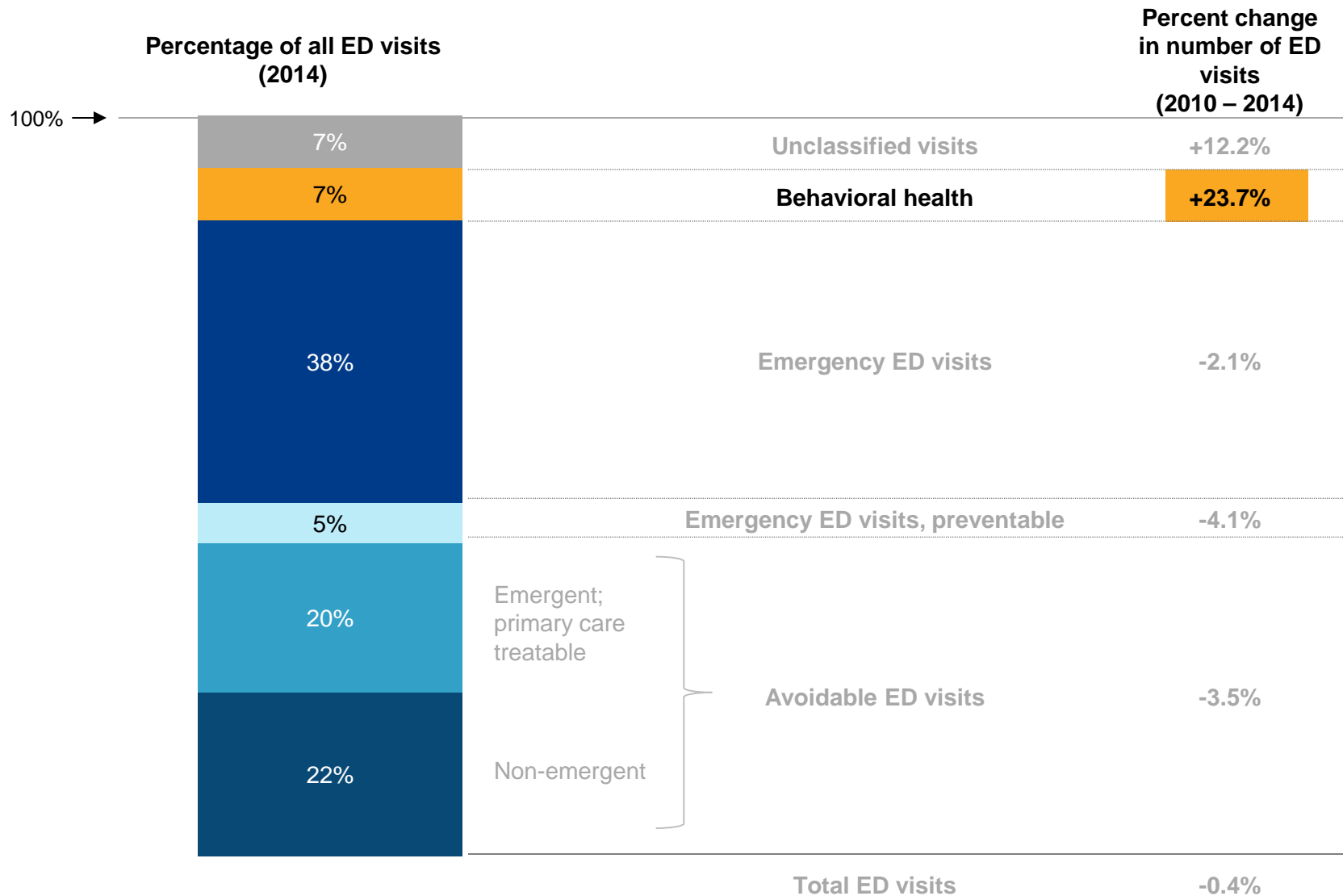


MA readmission rate (Medicare) was 17.4% in 2013, 13<sup>th</sup> highest in the U.S.

Note: Excludes Specialty and VA Hospitals

Source: Kaiser Family Foundation analysis of Centers for Medicare and Medicaid data, Institute of Medicine analysis of Centers for Medicare and Medicaid data

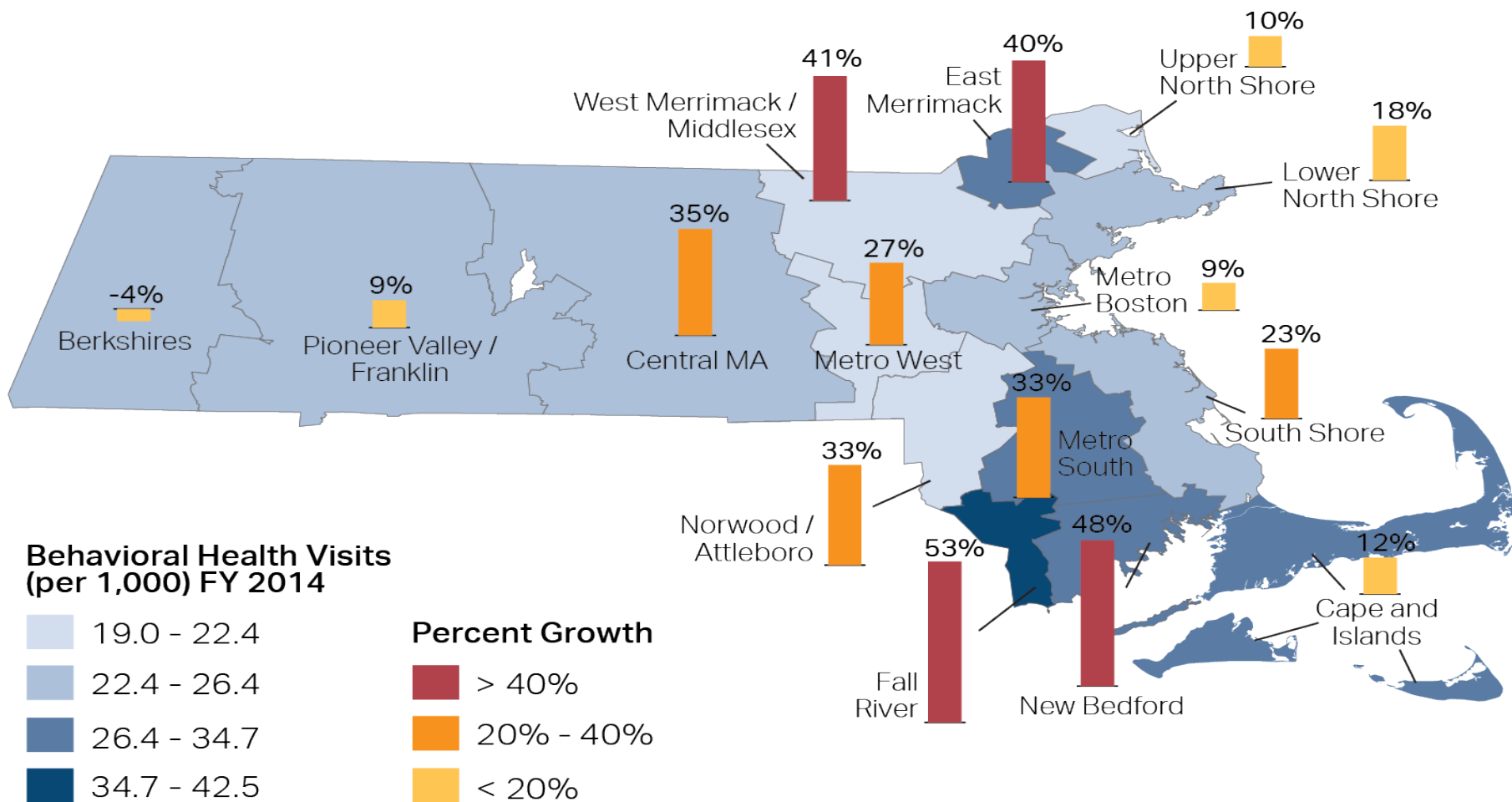
# Primary behavioral health ED visits grew significantly between 2010 and 2014



Note: Definition for avoidable ED visits based on NYU Billings Algorithm

Source: NYU Center for Health and Public Service Research; HPC analysis of Centers for Health Information and Analysis outpatient ED database, FY2010-FY2014

# ED visits with a primary diagnosis of behavioral health increased sharply in a few regions between 2010 and 2014



Note: Behavioral health includes mental health and substance use disorder. All conditions are based on primary diagnosis. All rates are adjusted for age and sex  
 Source: NYU Center for Health and Public Service Research; HPC analysis of Centers for Health Information and Analysis case mix ED database, FY2010-FY2014



## The rate of use of institutional post-acute care was roughly constant from 2010-2014, though joint replacement has been shifting to home health

Probability of discharge, all DRGs, 2010-2014				
	2010	2012	2014	Change (percentage point) 2010-2014
Routine	58.5%	58.9%	57.4%	-1.1%
All PAC	41.3%	41.1%	42.5%	1.2%
<i>Home Health</i>	20.9%	21.2%	21.7%	0.8%
<i>Institutional PAC</i>	20.3%	19.7%	20.8%	0.5%

Probability of discharge, after joint replacement surgery (DRG 470), 2010-2014				
	2010	2012	2014	Change (percentage point) 2010-2014
Routine	3.8%	3.5%	4.7%	0.9%
All PAC	96.1%	96.5%	95.2%	-0.9%
<i>Home Health</i>	41.5%	46.7%	51.0%	9.5%
<i>Institutional PAC</i>	54.6%	49.8%	44.2%	-10.4%

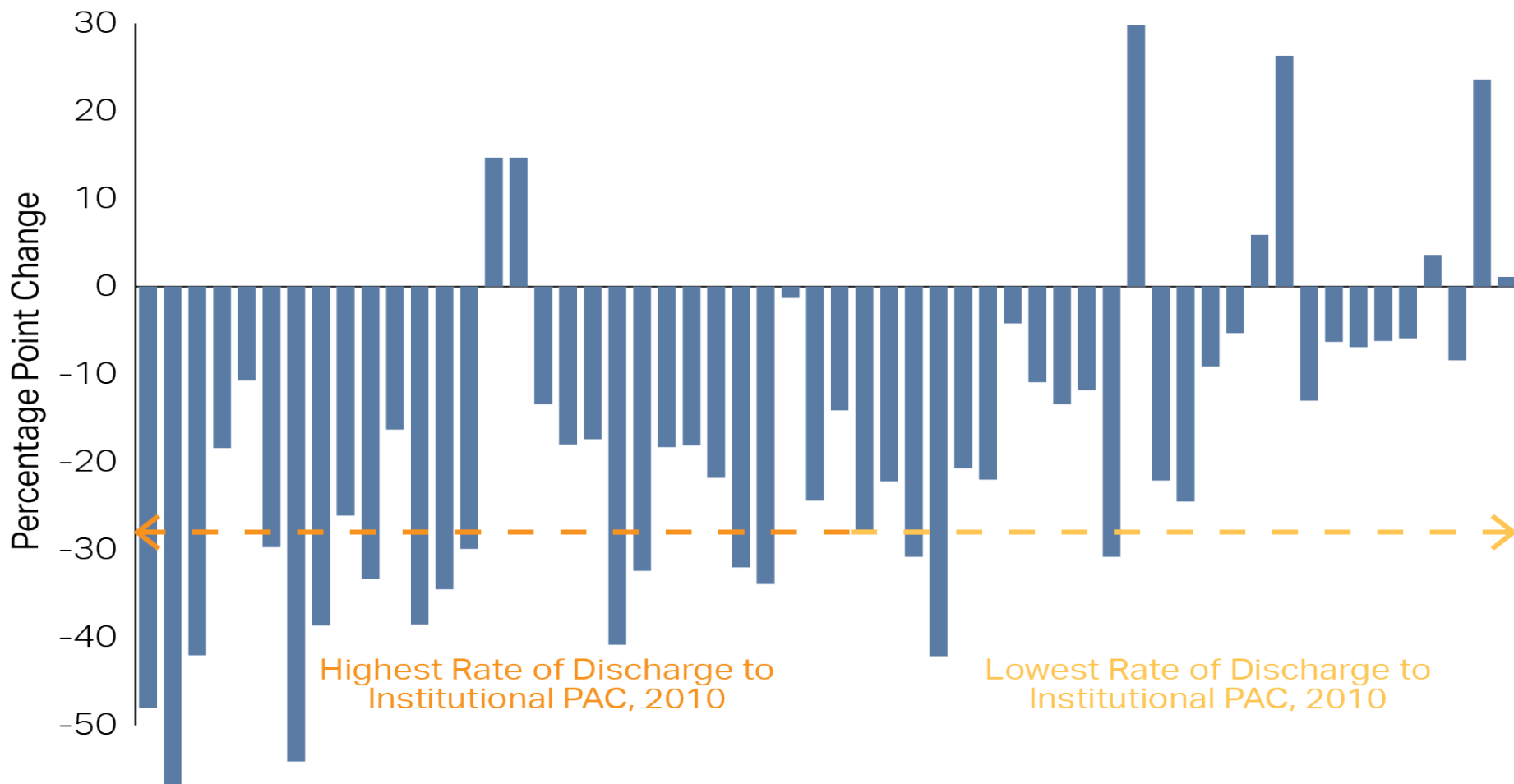
In 2012, 20% of MA patients were discharged to institutional PAC following an inpatient stay, compared to 17% to the U.S.

Note: All DRG analysis was adjusted for changes in case mix overtime

Source: HPC Analysis of Massachusetts Health Data Consortium inpatient discharge database, 2010-2014 and Healthcare Cost and Utilization Project (HCUP), 2012

# For total joint replacement, 49 of 57 hospitals reduced use of institutional post-acute care between 2010 and 2014

Percentage point change in probability of discharge to institutional PAC, following joint replacement surgery, by hospital, 2010-2014



Highest Rate of Discharge to Institutional PAC, 2010

Lowest Rate of Discharge to Institutional PAC, 2010

Note: Adjusted for age, sex, payer group, income, admit source of the patient, length of stay, and DRG. Sample includes only adult patients who were discharged to routine care or some form of PAC. Specialty hospitals, except New England Baptist, were excluded

Source: HPC Analysis of Massachusetts Health Data Consortium, inpatient discharge database, 2010-2014

## Avoidable hospital use / post-acute care

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### Summary

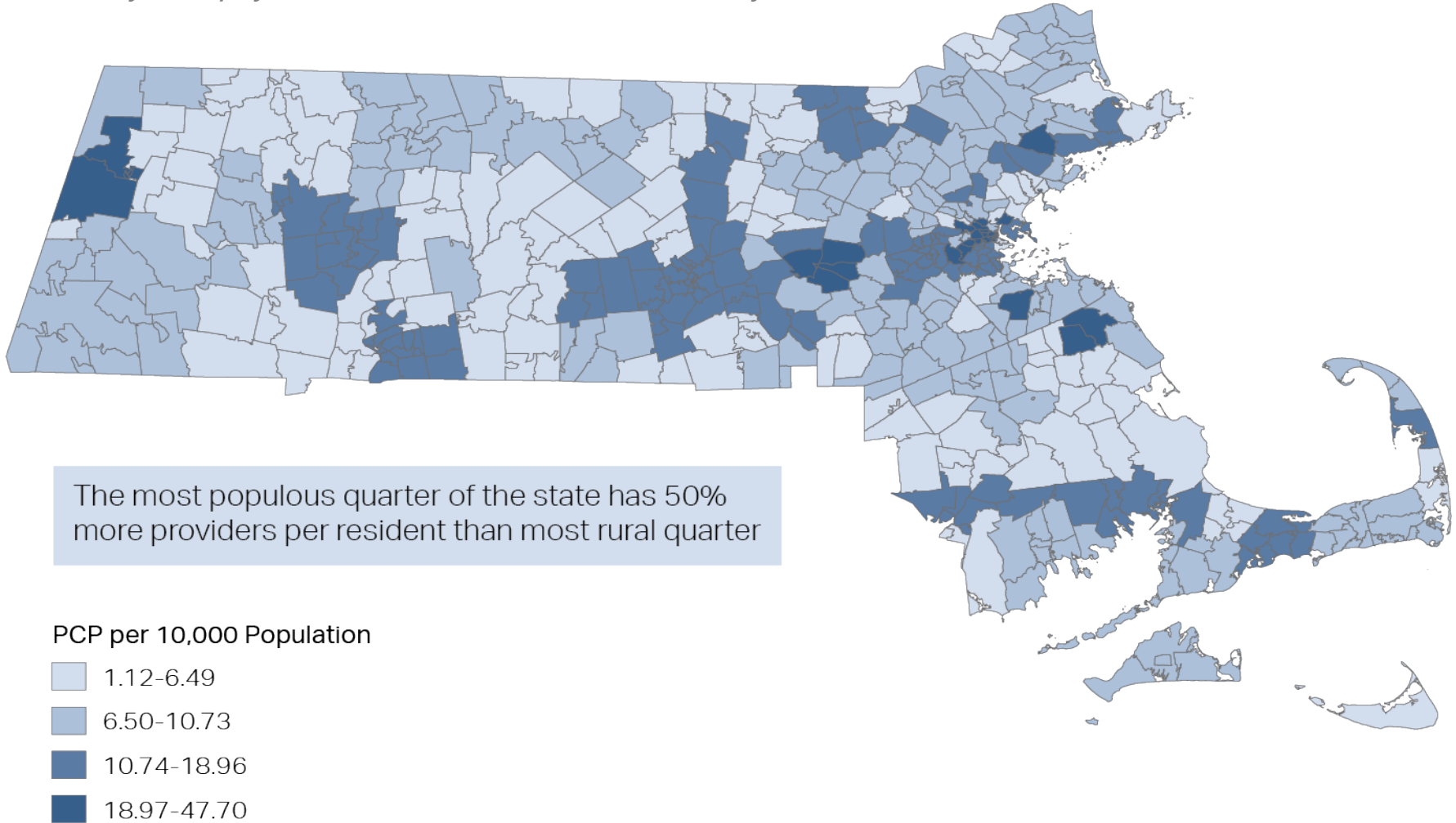
- Readmission rates improved slightly, but Medicare readmission rates remained worse than the national average, leading to high hospital penalties
- While overall ED use declined between 2010 and 2014, visits associated with a behavioral health diagnosis increased sharply
- Relative to the U.S., Massachusetts continued to use post-acute care at a high rate, but there were declines in institutional post-acute care use after total joint replacement

### Background

- While Massachusetts has a large number of primary care physicians, 500,000 residents live in a federally-designated primary care professional shortage area
- Primary Care Nurse Practitioners (NPs) provide care at comparable quality at lower cost than physicians, and are more likely to practice in rural areas and to serve Medicaid patients
- Scope-of-practice restrictions are anti-competitive, hinder NP cost-effectiveness, add layers of unnecessary bureaucracy and can disrupt care
- Research has linked removal of such restrictions to greater NP supply and improved access to primary care

# There is substantial variation in primary care providers per resident across Massachusetts

*Primary care physicians, Nurse Practitioners, and Physician Assistants*



The most populous quarter of the state has 50% more providers per resident than most rural quarter

## PCP per 10,000 Population

- 1.12-6.49
- 6.50-10.73
- 10.74-18.96
- 18.97-47.70

Note: Massachusetts is divided into 158 regions called Primary Care Service Areas (PCSAs). These areas were developed by researchers associated with the Dartmouth Atlas and represent a geographic approximation of patients' travel patterns to obtain to primary care services. According to common practice, Nurse Practitioners and Physician Assistants weighted as equivalent to .75 relative to a physician. See technical appendix

Source: SK&A Office Based Physician Database, September 30, 2015 and Massachusetts Department of Public Health: Health Care Workforce Center



## Select findings from the 2015 Cost Trends Report

Overview of  
spending and the  
delivery system

Opportunities to  
improve quality &  
efficiency

Progress in  
aligning  
incentives

GOALS

Alternative  
payment  
methods

Demand-side  
incentives



## Alternative payment methods (APMs)

### Background

- Alternative payment methods offer incentives that support value and reward high-quality care
- In 2013, overall commercial APM coverage was 61% in HMOs, with high variation in rates by payer; only ~1% in PPOs
- To advance APMs, payer/provider coalition developed attribution method in 2014

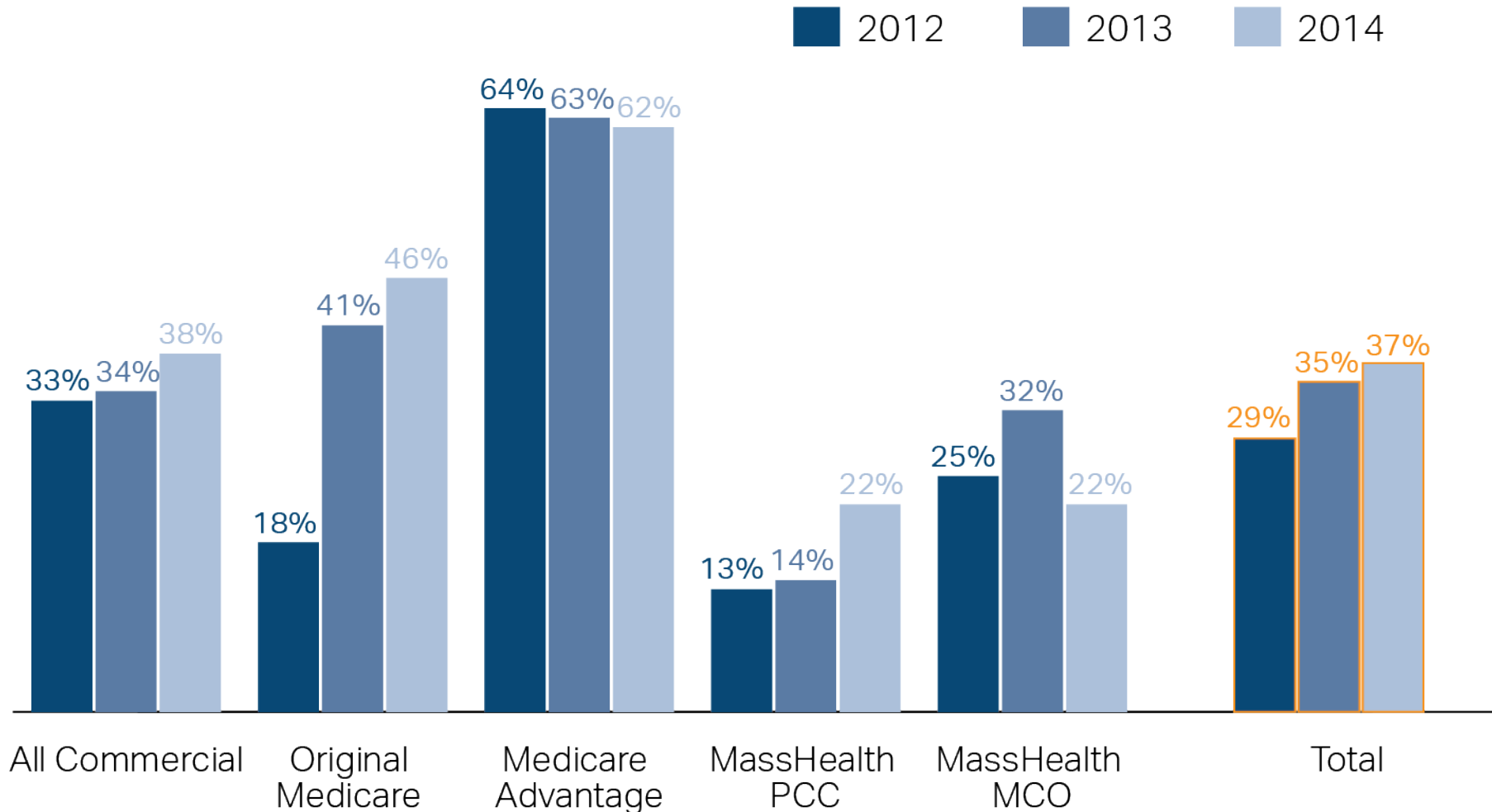
### Recommendations in 2014 Cost Trends Report

- *APMs in HMO.* Each payer should use APMs for 60% of HMO lives in 2016
- *APMs in PPO.* Market should begin introducing APMs into PPOs in 2016, with goal of reaching one third of PPO lives in that year
- *Alignment*
- *BH.* APMs should include BH when possible
- *MassHealth.* MassHealth should continue progress towards at-scale care delivery and payment system reforms
- *Bundled payment*



# Statewide, the rate of APM coverage increased 8 percentage points between 2012 and 2014, with differences among payers




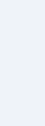




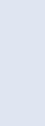









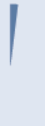




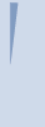

Percentage of covered lives in APMs across all payers



Note: See APM technical notes

Source: Center for Health Information and Analysis 2014 Annual Report Alternative Payment Methods Data Book, 2013; Center for Health Information and Analysis 2013 Alternative Payment Methods Baseline Report Data Appendix, 2012; Centers for Medicare & Medicaid Services Shared Savings Program Performance Year 1 Results; Other publicly-available Centers for Medicare & Medicaid Services data; MassHealth personal communication

## Very little progress yet in PPO, although recent announcement from payer/provider coalition is promising

	HMO members as percent of all members	Percent of HMO members covered by APMs	PPO members as percent of all members	Percent of PPO members covered by APMs	Percent of all members covered by APMs
BCBS	53% 	* 91% 	47% 	0% 	48% 
HPHC HPI	71% 	* 65% 	27% 	0% 	46% 
Tufts/Network	67% 	* 60% 	33% 	11% 	43% 
Other	40% 	33% 	47% 	2% 	15% 
<b>Total</b>	<b>55%</b> 	<b>68%</b> 	<b>42%</b> 	<b>2%</b> 	<b>37%</b> 

\* Met HMO coverage goal from 2014 Cost Trends Report

## Alternative payment methods (APMs)

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### Summary

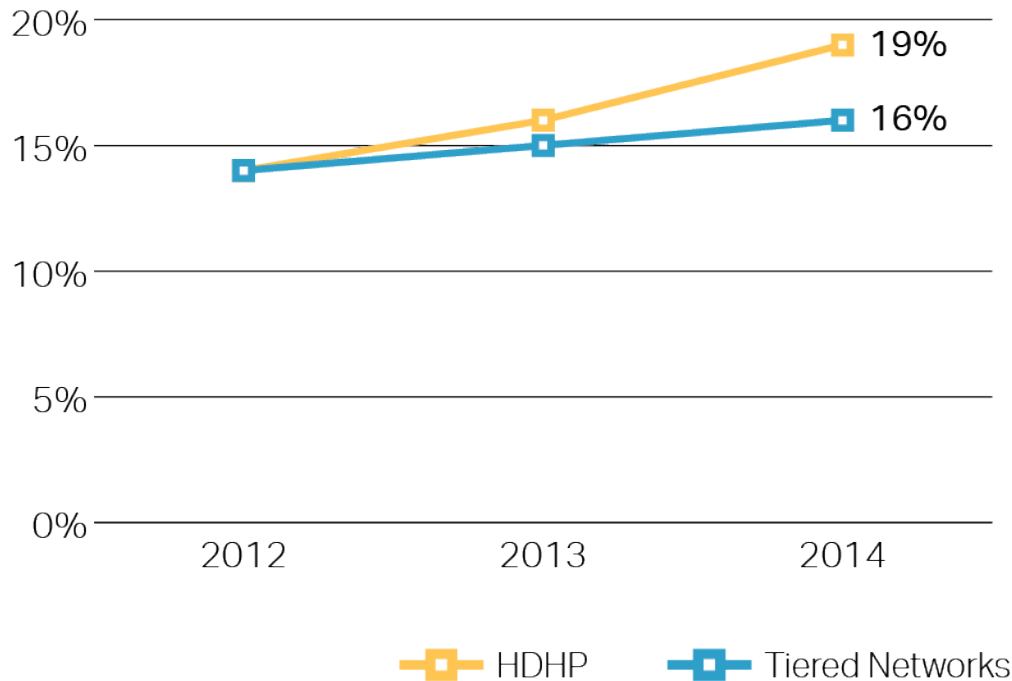
- *APMs in HMO.* Three large commercial payers attained better than 60% coverage in 2014
- *APMs in PPO.* BCBS and four providers committed to extending APMs to PPO in 2016
- *BH.* More payers are including behavioral health spending in APM contracts
- *MassHealth.* MassHealth is engaged in an extensive stakeholder process to establish a strategy for at-scale care delivery/payment system reform – significant progress anticipated in 2016
- *Alignment.* At the hearings, providers continued to emphasize the need for progress, especially around risk adjustment and quality measurement
- *Bundled payment.* Limited offerings from payers. Mandatory bundled payments for select episodes from Medicare. Some use within provider systems.

### Background

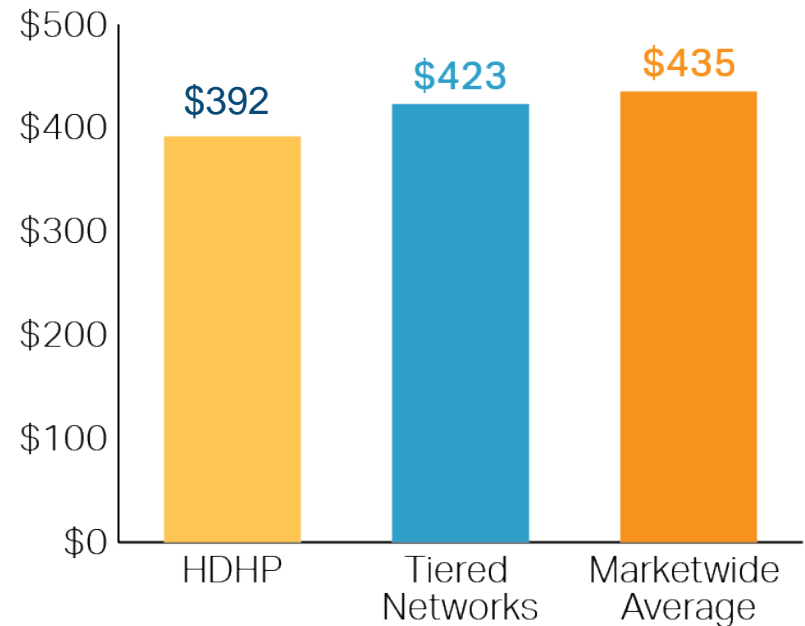
- Demand-side incentives complement supply-side incentives (APMs) by driving volume to high-value providers, products, and services
- Demand-side incentives may target employers or consumers
- Opportunities for demand-side incentives:
  - Choice of insurance plan
  - Choice of primary care provider
  - Choice of provider and care setting at the time of service use
- Tiered network plans identify high-value providers
  - Consumers pay less out-of-pocket when high-value providers are used
  - Premiums are also lower

# Tiered network product growth is being outpaced by high deductible health plans

## Uptake of Tiered Network and High Deductible Health Plans



## 2014 Monthly Premium, Per Person



Note: Premiums are for fully-insured products, net of medical loss ratio rebates and scaled to account for carved-out benefits. Cost-sharing is not included

Source: Center for Health Information and Analysis Enrollment and Source of funds data book released with the September 2015 Annual Report

### Summary

- Efficacy of demand-side incentives and consumer engagement can be enhanced with:
  - Continued improvement in the transparency of price and quality information, that is accessible, understandable, and actionable by a wide range of consumers for a wide range of health care services and settings
  - Additional mechanisms for rewarding value
    - Cash back incentives
    - Incentives for choosing an efficient PCP or system
  - Larger cost differentials between tiers for tiered products
  - Opportunities for firms to offer multiple products, comparative information, and “defined contribution”
  - Reduced administrative complexity for firms and consumers

## Future outlook – 2015 and beyond

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- Reasons for concern
    - 6.3% premium growth in January 2016 in Massachusetts merged market
    - Higher U.S. spending growth through September, 2015
      - 5-6% overall; 8-9% for prescription drugs
    - Ongoing market consolidation
    - Continued high rates of readmissions, ED use, and PAC
  - Reasons for optimism
    - Low rate of growth in hospital and physician services
    - Connector website is well-functioning and MassHealth enrollment growth has stabilized
    - Spread of APMs (PPO, MassHealth) may enhance providers' incentives to contain costs and improve quality
- 
-

# Agenda

- HPC Presentation
  - Select findings concerning spending trends and underlying factors from the 2015 Cost Trends Report
- **Board Discussion**
  - Significance of findings
  - Recommendations for inclusion in the final report





# Presentation themes and potential areas for recommendations

Themes		
<b>Spending and the delivery system</b>	<b>Opportunities in quality &amp; efficiency</b>	<b>Progress in aligning incentives</b>
<ul style="list-style-type: none"><li>▪ Spending trends</li><li>▪ MassHealth</li><li>▪ Drug spending</li><li>▪ Outpatient spending</li><li>▪ Market consolidation</li></ul>	<ul style="list-style-type: none"><li>▪ Variation in prices &amp; spending</li><li>▪ Avoidable hospital use</li><li>▪ Post-acute care</li><li>▪ Primary care access</li></ul>	<ul style="list-style-type: none"><li>▪ APMs</li><li>▪ Demand-side incentives</li></ul>

**Potential areas for recommendations**

- Promoting a value-based market, addressing market dysfunction
- Supporting efficient, high-quality care
- Advancing alternative payment methods, cultivating alignment
- Engaging employers and consumers in value-oriented choices
- Enhancing transparency, data, and infrastructure

# Key statistics from the 2015 Cost Trends Report

## 2015 HPC Key Findings

**\$19,300**

annual health insurance premium plus cost-sharing for typical family

**1.0%**

rate of growth of commercial spending on physician and hospital services

**4.8%** rate of growth of THCE

**1.6%** percentage points due to drug spending

**3.2%** percentage points due to MassHealth (2.5 excluding drugs)

**74%**

percent of PCPs affiliated with one of the 8 largest provider systems

**\$6,300**

difference in spending between Mass General and Mt. Auburn for a low-risk pregnancy

**56%**

difference in price of colonoscopy between hospital outpatient department and community setting

**~0**

change in statewide rate of discharge to institutional post-acute care, 2010-2014

**24%**

statewide growth in ED visits with a primary behavioral health diagnosis, 2010-2014

**68%**

share of HMO lives covered by alternative payment models, 2014

**2%**

share of PPO lives covered by alternative payment models, 2014

**~50%**

growth in behavioral health ED visits in New Bedford and Fall River

**49/57**

number of hospitals that decreased their rate of discharge to institutional post-acute care after joint replacement surgery, 2010-2014

# Agenda

- Approval of Minutes from the November 18, 2015 Meeting
- Annual Executive Director's Report and Commissioner Reflections
- Cost Trends and Market Performance
- **Quality Improvement and Patient Protection**
  - Discussion of Program Design for the HPC's Pilot on Neonatal Abstinence Syndrome
- Care Delivery and Payment System Transformation
- Community Health Care Investment and Consumer Involvement
- Schedule of Next Meeting (January 20, 2015)



# Agenda

- Approval of Minutes from the November 18, 2015 Meeting
- Annual Executive Director's Report and Commissioner Reflections
- Cost Trends and Market Performance
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  - Discussion of Program Design for the HPC's Pilot on Neonatal Abstinence Syndrome
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# Discussion Preview: Neonatal Abstinence Syndrome (NAS) Pilot Programs

## Agenda Topic

Discussion and Vote of Program Design and RFP release for NAS Pilot Programs

## Description

The legislature appropriated \$500,000 for the HPC to conduct a pilot program to accelerate adoption of best practices around treatment of NAS. HPC is also proposing to contribute \$3,000,000 from the Distressed Hospital Trust Fund to expand the reach of a DPH intervention that targets pregnancy and the first 6 months of the newborn's life. Staff will present a proposed RFP design based on program design considerations discussed with the Quality Improvement and Patient Protection Committee.

## Key Questions for Discussion and Consideration

Are there any additional outcomes of interest the HPC should focus on as it finalizes the RFP announcement?

Are there any additional supports the HPC should offer to awardees (e.g. technical assistance)?

## Decision Points

Vote requested. The board will be asked to endorse the proposal for a pilot program to enhance care for patients with neonatal abstinence syndrome and authorize the Executive Director to issue a Request for Proposals (RFP) to solicit competitive proposals.

## Neonatal abstinence syndrome (NAS)

- Clinical diagnosis resulting from the abrupt discontinuation of exposure to substances in utero (e.g., methadone, opioid pain relievers, buprenorphine, heroin)
- Incidence and prevalence of NAS increasing rapidly in US, especially in MA
- In 2013 - 1,189 hospital discharges in MA with NAS code (21 disch. for other states)
- Average LOS = **16 days** (ranges from 9 – 79 days)

Newborns with NAS are more likely to have complications compared with all other US hospital births.

### Premature birth (gestational age <37 weeks)

*2.6 – 3.4 times more likely*

### Low birthweight <2,500g

*19.1% vs 7.0%*

### Seizures

*2.3% vs 0.1%*

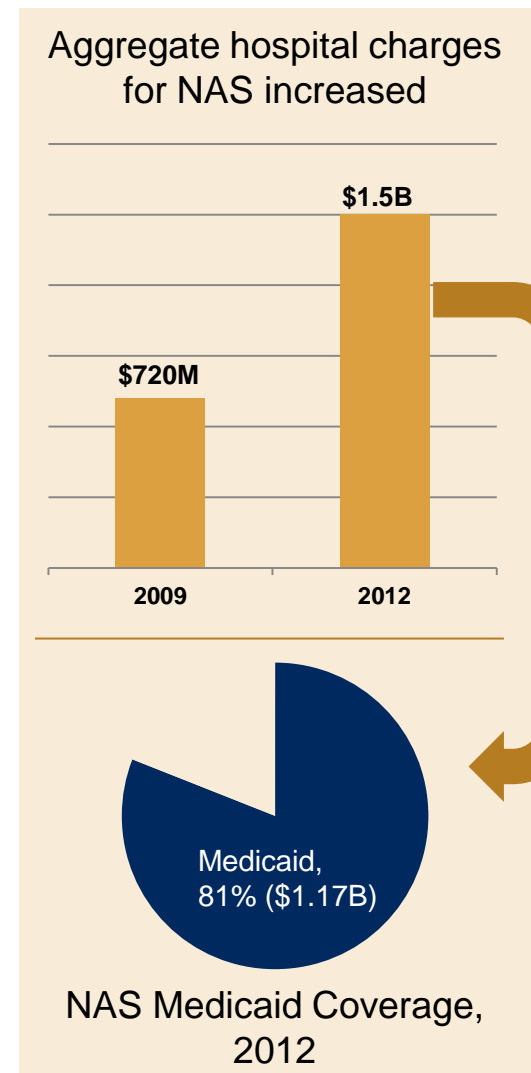
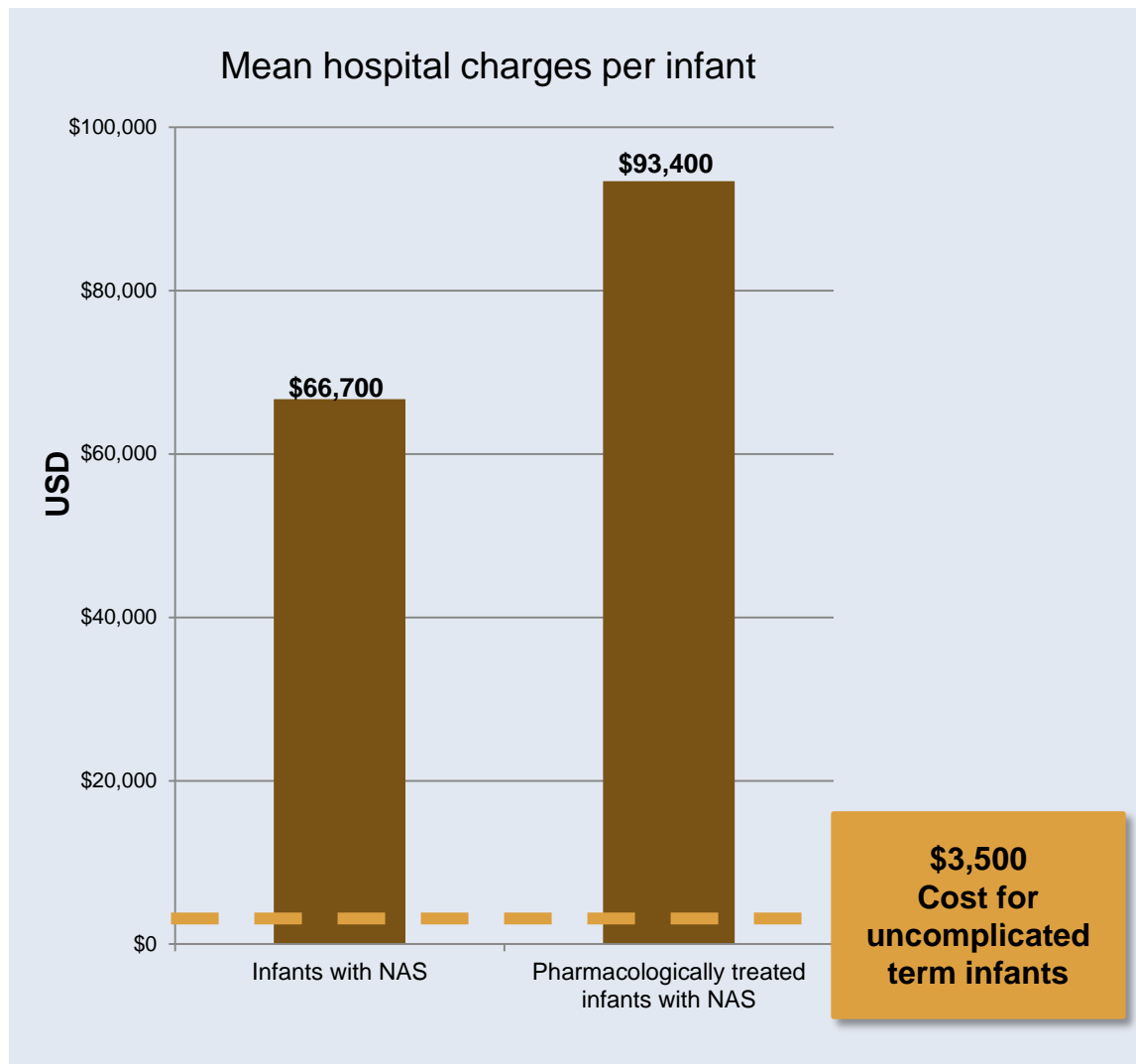
### Respiratory diagnoses

*30.9% vs 8.9%*

### Feeding difficulties / Difficulty gaining weight

*18.1% vs 2.8%*

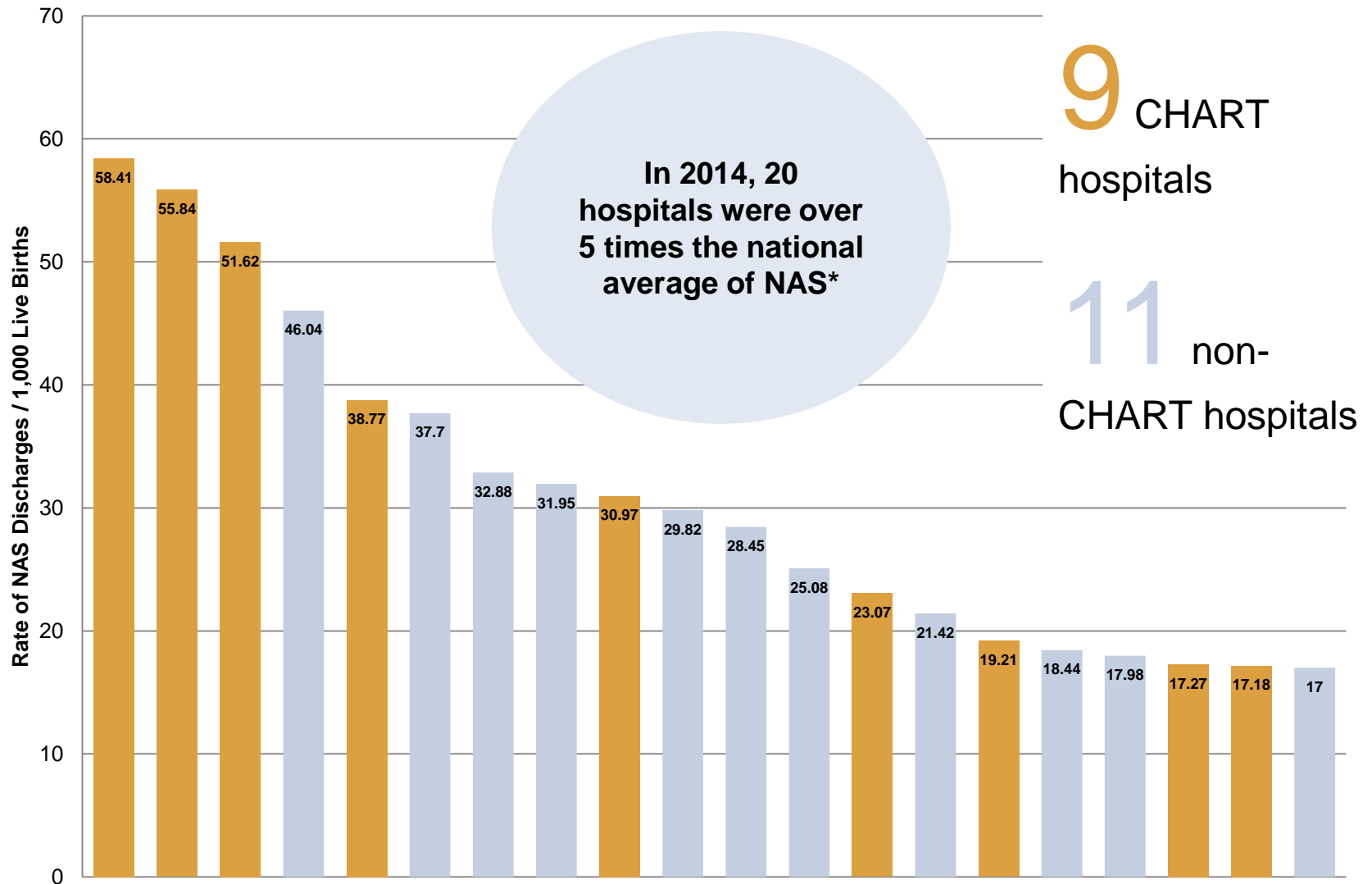
# Costs of NAS nationwide



Patrick S, Schumacher R, Benneyworth B, *et al*. Neonatal abstinence syndrome and associated health care expenditures: United States, 2000-2009. JAMA 2012;307(18):1934-40.

Patrick S, Davis M, Lehman C, Cooper W. Increasing incidence and geographic distribution of neonatal abstinence syndrome: United States 2009 to 2012. Journal of Perinatology 2015. Apr 30. doi: 10.1038/jp.2015.36. [Epub ahead of print]

# Hospitals in Massachusetts are significantly impacted by increasing rate of NAS



\*Per 2012 national average of 3.4/1000 births (eligibility criterion used by DPH for a federally funded initiative)

Source: Massachusetts Health Data Consortium (MDHC) 2014 hospital data



## HPC pilot planning process

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- 1 **Survey of best practices nationwide & internationally** (literature review; semi-structured interviews with providers)\*
- 2 **Focus group** with MA providers, DPH, DMH, DCF and others to solicit feedback on pilot\*
- 3 Consultation with the **Neonatal Quality Improvement Collaborative of Massachusetts (NeoQIC)**
- 4 Commissioner discussion at **QIPP committee meetings**, including endorsement of proposed program design
- 5 Participation in **DPH's NAS advisory council**

\*See appendix for summary of literature review, interview, and focus group

## HPC NAS pilot project overview

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Based on scan of best practices, consultation with DPH, DCF, NeoQIC, and providers, staff proposes the following investment design:

### Two categories of funding:

#### 1 Inpatient quality improvement initiative

- non-CHART-eligible hospitals with at least 60 NAS births/year or > 5x the national NAS average
- up to \$250,000 per award
- in-kind funding match will be a competitive factor

#### 2 Inpatient quality improvement initiative and replication of DPH intervention (pregnancy & first 6 months of life)

- CHART-eligible hospitals with at least 60 NAS births/year or > 5x the national NAS average
- up to \$1,000,000 per award

Applicants in both categories will propose **evidence-based interventions and protocols that drive towards reduced spending** (procurement will provide non-exhaustive list of examples)

# Aligning with and expanding on DPH's initiative allows for interventions to be applied across broader spectrum of continuum



**HPC Pilot Program**  
Funded through FY16  
State Budget  
\$500,000



**DPH "Moms Do Care"**  
Program Funded  
through a federal grant  
\$3,000,000



**HPC Expansion**  
Funded through CHART  
Investment Program to  
expand on DPH work  
\$3,000,000



## Evaluation and Technical Assistance Summary

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**Evaluation** will track quantitative and qualitative metrics to identify process and program outcomes

- HPC's evaluation will be aligned with DPH's *Moms Do Care* evaluation as well as track inpatient specific data

**Technical Assistance** will be provided to hospital grantees via learning collaboratives, targeted training, and regional forums

- Regional forums will be open to all birthing hospitals (including non-grantees) to promote dissemination of best practices across the Commonwealth

# RFP development summary

	<b>HPC NAS Reserve \$500,000</b>	<b>CHART Funds to extend DPH program up to \$3,000,000</b>
Eligible Applicants	Any non-CHART birthing hospital with: <ul style="list-style-type: none"> <li>▪ At least 60 NAS births per year, or</li> <li>▪ &gt; 5x NAS national average</li> </ul>	Any CHART birthing hospital with: <ul style="list-style-type: none"> <li>▪ At least 60 NAS births per year, or</li> <li>▪ &gt; 5x NAS national average</li> </ul>
Proposed Award Cap	Up to \$250,000	Up to \$1,000,000
Matching funds	In-kind funding match will be a competitive selection factor	NA
QI initiative	Describe quality improvement initiative that will reduce spending over 12 months	Describe quality improvement initiative that will reduce spending over 24 months
Internal/ External collaboration	<ul style="list-style-type: none"> <li>• Describe plan to collaborate with outpatient providers (ob/gyn, primary care, pediatrics, addiction medicine) and procedure for creating first appointment prior to discharge</li> </ul>	Describe plan to coordinate peer moms & identify outpatient providers for collaboration: <ul style="list-style-type: none"> <li>• Ob/gyns, PCPs will participate in buprenorphine waiver trainings</li> <li>• Addiction medicine providers who will participate in training on treating women during pregnancy</li> <li>• Coordination with pediatricians, EI providers</li> </ul>
Data collection	<ul style="list-style-type: none"> <li>• Submit NAS discharge volume, reimbursements, and cost for June-Dec 2015 period</li> <li>• Describe plan to track QI measures throughout intervention</li> </ul>	<ul style="list-style-type: none"> <li>• Submit NAS discharge volume, reimbursements, and cost for June-Dec 2015 period</li> <li>• Describe plan to track QI measures throughout intervention</li> </ul>
Existing NAS protocols	Applicants with existing protocols will be more competitive if proposal includes plan to participate in peer-peer learning sessions as the trainer	Applicants with existing protocols will be more competitive if proposal includes plan to participate in peer-peer learning sessions as the trainer

## Vote: Approving Proposed Pilot Program Design and RFP Release

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**Motion:** That the Commission hereby approves the proposal for a pilot program to accelerate adoption of best practices related to treatment and prevention of neonatal abstinence syndrome, as endorsed by the Quality Improvement and Patient Protection Committee, and authorizes the Executive Director to issue a Request for Proposals (RFP) to solicit competitive proposals according to the framework described in the documents presented and, as applicable, pursuant to 958 CMR 5.04.

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# Agenda

- Approval of Minutes from the November 18, 2015 Meeting
- Annual Executive Director's Report and Commissioner Reflections
- Cost Trends and Market Performance
- Quality Improvement and Patient Protection
- **Care Delivery and Payment System Transformation**
  - Update on Patient-Centered Medical Home Certification Program
- Community Health Care Investment and Consumer Involvement
- Schedule of Next Meeting (January 20, 2015)



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# Discussion Preview: PCMH Certification Criteria

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## Agenda Topic

Patient-Centered Medical Home Certification Criteria Discussion

## Description

Staff will present detail for each PCMH PRIME criteria, mapping to current NCQA standards and documentation requirements. Staff will also present an update on program operations to get ready for January 1 launch.

## Key Questions for Discussion and Consideration

Feedback on the documentation requirements for the 5 new HPC only criteria.

## Decision Points

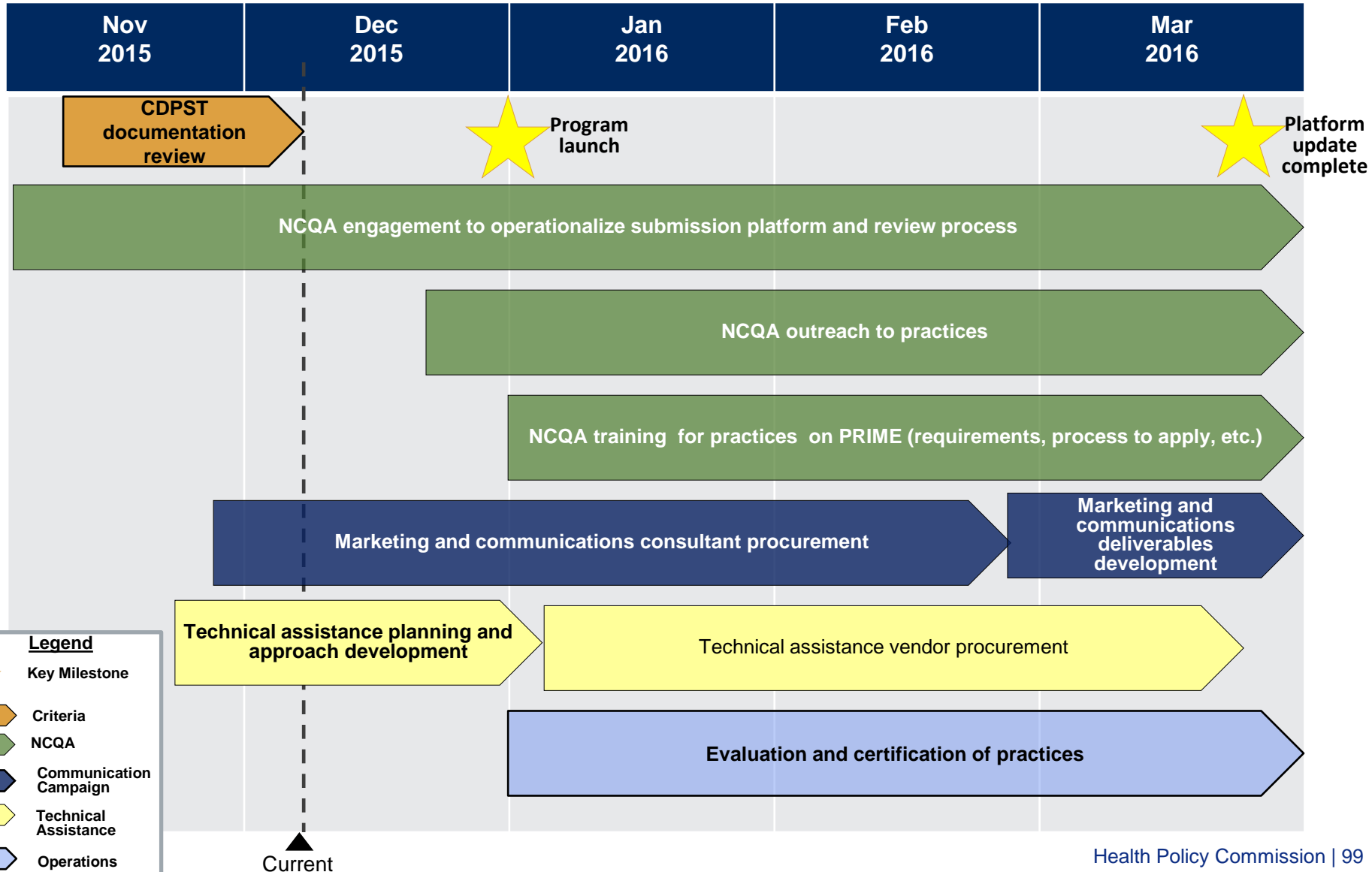
No votes proposed.

## PCMH PRIME criteria

#	Criteria (practice must meet $\geq 7$ out of 13)
1	The practice <b>coordinates with behavioral healthcare providers</b> through formal agreements or has behavioral health services located at the practice site.
2	The practice <b>integrates BHPs</b> within the practice
3	The practice collects and regularly updates a comprehensive health assessment that includes <b>behaviors affecting health and mental health/substance use history of patient and family</b> .
4	The practice collects and regularly updates a comprehensive health assessment that includes <b>developmental screening</b> using a standardized tool.
5	The practice collects and regularly updates a comprehensive health assessment that includes <b>depression screening</b> using a standardized tool.
6	The practice collects and regularly updates a comprehensive health assessment that includes <b>anxiety screening</b> using a standardized tool.
7	The practice collects and regularly updates a comprehensive health assessment that includes <b>SUD screening</b> using a standardized tool (N/A for practices with no adolescent or adult patients).
8	The practice collects and regularly updates a comprehensive health assessment that includes postpartum depression screening for patients who have recently given birth using a standardized tool.
9	The practice <b>tracks referrals</b> until the consultant or specialist's report is available, <b>flagging and following up on overdue reports</b> .
10	The practice implements clinical decision support following <b>evidence based guidelines</b> for a mental health <u>and</u> substance use disorder.
11	The practice establishes a systematic process and criteria for identifying patients who may benefit from <b>care management</b> . The process includes consideration of behavioral health conditions.
12	<b>The practice has one or more providers in practice actively treating patients suffering from addiction with medication assisted treatment and appropriate counseling and behavioral therapies (directly or via referral)</b>
13	If practice includes a <b>care manager</b> , s/he must be qualified to identify/coordinate behavioral health needs.

Proof of proficiency for criteria #2 automatically satisfies criteria #1

# HPC PCMH PRIME operational plan



# Agenda

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  - Update on CHART Investment Program
  - Approval of CHART Technical Assistance Contract Extension
- Schedule of Next Meeting (January 20, 2015)



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# Discussion Preview: Update on CHART Phase 2 Operations

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## Agenda Topic

Update on CHART Phase 2 Operations

## Description

Staff will present an update on CHART Phase 2 planning and implementation progress to date. As of December 1, 2015, 22 of 25 CHART awards have launched. Holyoke Medical Center and Hallmark Health (Joint Award) launched on December 1. Staff will provide a brief overview of each award and commissioners will have an opportunity to ask about early successes and challenges.

## Key Questions for Discussion and Consideration

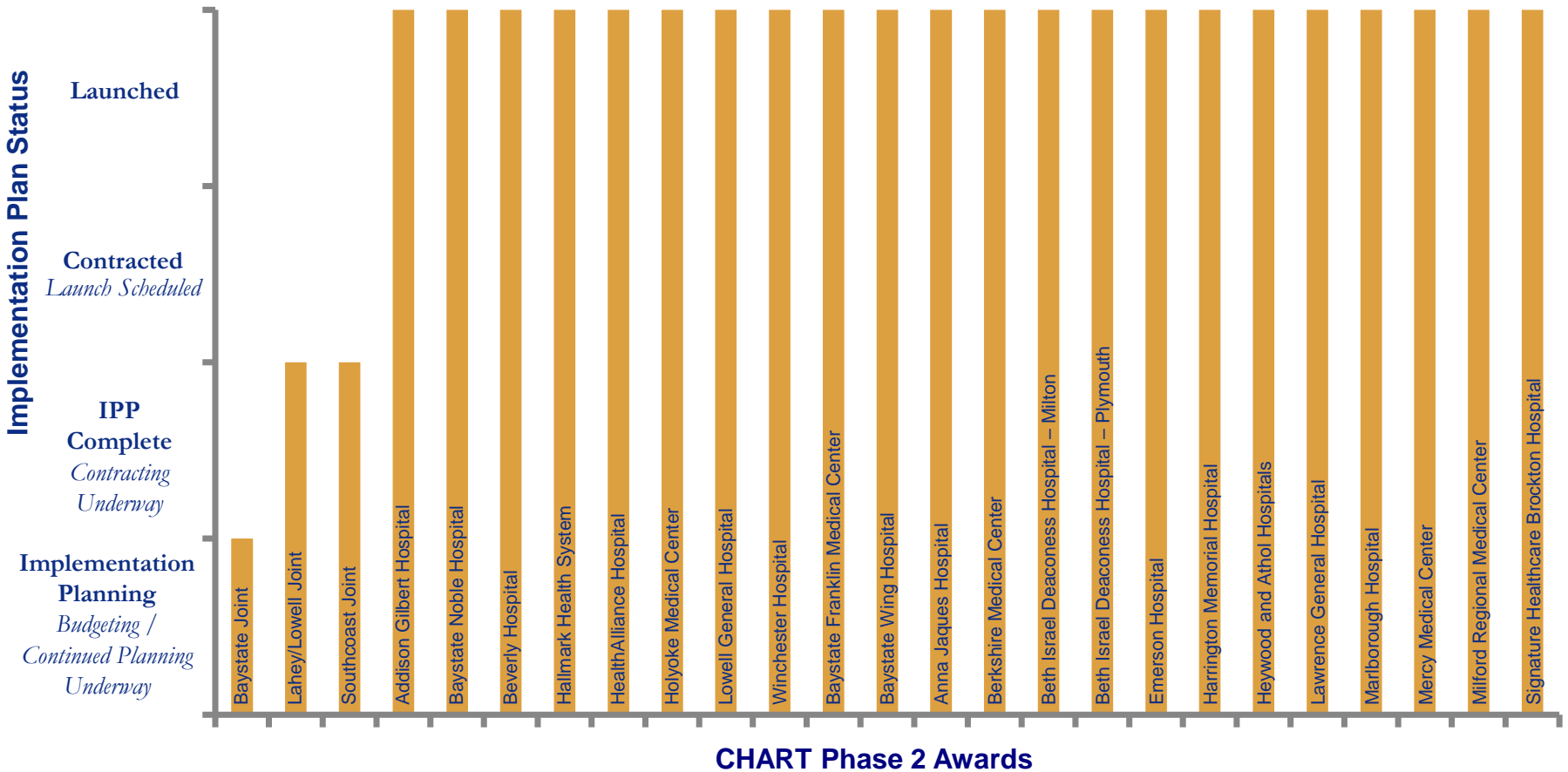
What updates on CHART Phase 2 hospital performance would be beneficial for the Committee to receive on a regular basis as hospitals move into operations?

## Decision Points

No votes proposed. A full briefing on the first full quarter of performance will be provided in February 2016.

# Implementation Plan status update

**12** Awards launched in September and October; **8** Awards launched in November; **2** Awards launched in December; **3** Awards anticipated to launch in January



## Two awards launched on December 1, both focused on enhancing behavioral health care and reducing ED utilization

**Hallmark Health**  
\$2,500,000

Cross-setting, multi-disciplinary care team serving patients with a history of recurrent ED utilization or SUD, including specialized care for obstetric patients with active SUD to reduce ED utilization. Intensive outpatient BH treatment, care planning, and linkage to community resources.

**Holyoke Medical Center**  
\$3,900,000

Cross-setting care teams serving patients with a history of recurrent ED utilization and BH diagnoses to reduce ED utilization. BH-trained ED RNs de-escalate, screen, and triage BH patients; multi-disciplinary outpatient clinic for intensive BH treatment, care planning, and linkage to community resources. Specialty ED capital project to improve care for BH patients

### Holyoke Medical Center ER nurse manager calls expansion 'awesome'



"I felt bad for patients there because space is very tight, privacy is very difficult to achieve and we need to provide more dignity for people in the ED...In an area that is very busy, oftentimes what happens is the anxiety escalates and conditions get worse.

[The ED behavioral health wing] will address safety concerns [for patients with behavioral health conditions], but more importantly it will have an environment that de-escalates the anxiety, the issues [these patients] have.

*Spiros Hatiras*  
*President & CEO*  
*Holyoke Medical Center*



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# Discussion Preview: CHART TA Contract

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## Agenda Topic

Approval of CHART Technical Assistance Contract Extension

## Description

Staff will seek the Committee's endorsement of a proposed amendment to the Commission's contract with Collaborative Healthcare Strategies for an additional amount of up to \$250,000 through June 30, 2016, for clinical expertise in ongoing support of the CHART Investment Program. Staff will present on the overall categories of professional services to support CHART and describe the role that Collaborative Healthcare Strategies fulfills in support of both CHART hospitals and the HPC.

## Key Questions for Discussion and Consideration

What services does this contract provide for CHART hospitals?  
Do CHART hospitals report value from these services?

## Decision Points

Vote proposed. Commissioners will be asked to endorse the proposed contract amendment and recommend that the Board vote to approve it at the December 16, 2015 meeting

# Overview of total professional services to support CHART investments

Relative Magnitude of HPC Professional Services Expenditures to Support CHART In FY16

Type of Professional Support	Description of Services	Aprox. Proportion of HPC Spending
<b>Hospital Technical Assistance</b>	Direct hospital support including one-on-one advising, regional meetings, training, subject matter expertise, and development of tools and content to support CHART hospitals	<b>&gt;50%</b> Includes <b>Collaborative Health Strategies</b> and other contracts
More than half of total professional service budget projected to be spent on direct hospital support.		
<b>HPC Strategic Consultation</b>	Consultation supporting CHART program development and operations, including implementation planning, review and feedback on data and hospital reports, and development of tools to support hospital oversight	<b>&lt;25%</b> Includes <b>Collaborative Health Strategies</b> and other contracts
<b>Monitoring and Evaluation</b>	Development and implementation of awardee monitoring tools (fiscal oversight) and an evaluation approach to garner learnings and assess impact of CHART investments	<b>&lt;25%</b> Full funding to other contracts

## Vote: Approving Contract Extension

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**Motion:** That, pursuant to Section 6.2 of the Health Policy Commission's By-Laws, the Executive Director is hereby authorized to amend the Commission's contract with Collaborative Healthcare Strategies for an additional amount of up to \$250,000 through June 30, 2016, as endorsed by the Community Health Care Investment and Consumer Involvement Committee, for clinical expertise in ongoing support of the Commission's Community Hospital Acceleration, Revitalization and Transformation (CHART) Investment Program, subject to further agreement on terms deemed advisable by the Executive Director.

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## Contact Information

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For more information about the Health Policy Commission:

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