

# Provider Price Variation Stakeholder Discussion Series

March 30, 2016



#### **AGENDA**

- Overview of Provider Price Variation Discussion Sessions
- HPC Staff Presentation: Demand-Side Incentives
- Office of the Attorney General Presentation: A More Effective Approach to "Consumerism" in Health Care: Premiums Based on Value
- Discussion
- Schedule of Next Meeting (April 13, 2016)

## **Key findings from HPC 2015 Special Report on Provider Price Variation**

- Provider prices vary extensively for the same sets of services.
- Provider price variation has not diminished over time.
- Market leverage continues to be a significant driver of higher prices; higher hospital prices are not generally associated with higher quality or other value-based factors that provide benefit to the Commonwealth.
- While some variation in prices may be warranted to support activities that provide value to the Commonwealth (e.g. physician training), unwarranted variation in prices combined with the large share of volume at higher-priced providers results in increased health care spending and creates inequities in the distribution of health care resources.
- Other states have also found unwarranted variation in provider prices; however, in one state that limits hospital price variation to value-based factors, hospital prices for specific services vary less than in Massachusetts.
- Unwarranted price variation is unlikely to diminish over time absent policy action to address the issue.



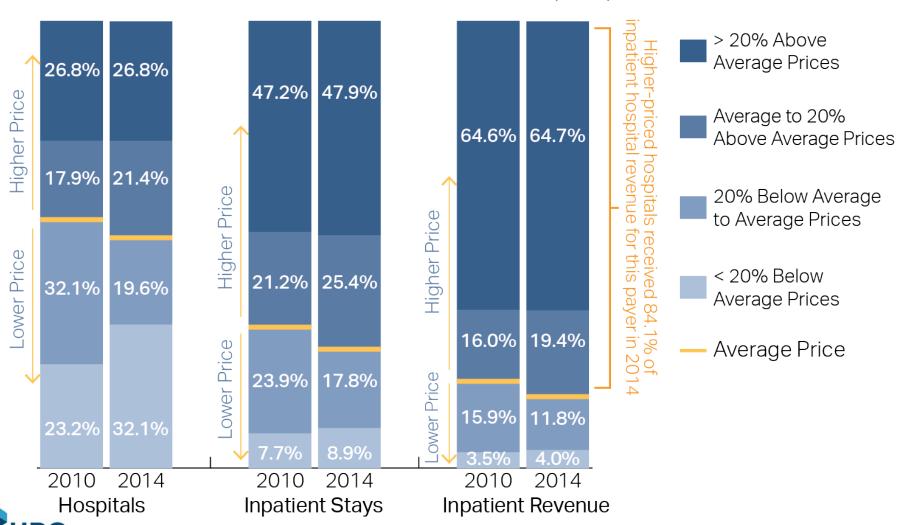
# Multiple state agencies have documented extensive, unwarranted variation in hospital and physician prices in Massachusetts since 2010

- Multiple state agencies have found significant price variation among health care providers in the Commonwealth:
  - The Office of the Attorney General in 2010, 2011, 2013, and 2015
  - The Special Commission on Provider Price Reform in 2011
  - The Division of Health Care Finance and Policy in 2011 and the Center for Health Information and Analysis (CHIA) in 2012, 2013, and 2015
- In addition to variation in fee-for-service prices, multiple reports have documented extensive variation in prices paid under alternative payment methods, specifically global budget arrangements.
- Variation has not generally be found to be explained by differences in quality, patient acuity, or other common measures of value. Rather, past reports have found that higher prices are associated with market leverage.
- Previous reports have documented that hospital prices vary considerably not only across all Massachusetts hospitals, but also within hospital cohorts (AMC, teaching, community, community-DSH).



# Higher healthcare spending is driven by both the higher prices some providers receive and the large volume at these higher-priced providers

# Distribution of Inpatient Volume and Revenue at Higher and Lower Priced Providers (THP)



# The HPC found that a substantial portion of hospital price variation is associated with market structure, and not with quality

## Factors associated with <u>higher</u> commercial prices

(Holding all other factors equal)

Less competition

Larger system size (above a certain size)

Corporate affiliations with certain systems

Provision of higher-intensity (tertiary) services

Status as a teaching hospital

# Factors associated with <u>lower</u> commercial prices

(Holding all other factors equal)

More Medicare patients

More Medicaid patients

Corporate affiliations with certain systems

## Factors not generally associated with commercial prices

(Holding all other factors equal)

Quality

Mean income in the hospital's service area



# Unwarranted price variation is unlikely to diminish over time absent policy action to address the issue

Existing policy initiatives were not designed to directly reduce unwarranted price variation. For example:

- The benchmark focuses on year-over-year growth, not the allocation of resources within the system;
- Alternative payment methods are not likely to reduce price variation so long as global budgets are based on providers' historic spending levels.

The need for action is reinforced by the extent of the price variation in the market. Price variation is extensive enough that it would take 16-19 years for some lower-priced hospitals in the three major commercial payer networks to reach the 2013 price level of the 75th percentile, even if they received annual 3.6% rate increases.



#### Stakeholder Discussions of Provider Price Variation

#### WHO

**HPC Commissioners**, HPC staff, key stakeholders including HPC Advisory Council members, expert speakers, and representatives of sister agencies (AGO, CHIA). HPC will invite legislators and legislative staff to attend. Members of the public are welcome.

### WHEN

**Three meetings** are scheduled to take place through the end of May 2016. Each meeting is expected to last two hours. The next meeting will take place on April 13, 2016.

## WHAT

As stated in the HPC's Special Report on price variation, **policy action is required** to address unwarranted price variation and its impact on overall spending and the sustainability of lower-priced providers. These discussions provide an opportunity for Commissioners and stakeholders to engage in a discussion regarding the potential for specific, **data-driven policy approaches to reduce unwarranted price variation** without increasing overall healthcare spending. The HPC anticipates presenting analyses and inviting expert speakers to introduce certain policy options

## GOAL

At the conclusion of the process, a **Summary Report** of the discussions will be presented at a full Board meeting. The Board may take the opportunity to discuss potential policy options, make recommendations, or identify new analyses necessary to support future policy development.



## **Topics: Meeting 1 – Demand-Side Incentives**

Discussion of proposed policies to encourage consumers to use high-value providers for their care, e.g.:

- Using insurance design to encourage consumers to use high-value providers
  - Tiered and limited network plans
  - Reduced premiums for choosing high-value primary care providers (PCPs)
  - Encouraging enrollment in value-based plans, e.g., defined employer contributions, active re-enrollment and/or premium holidays
- Encouraging consumer shopping for services
  - Reference pricing
  - Cash-back rebates and other consumer choice interventions
  - Price and quality transparency

#### Presenters:

HPC staff and the Office of the Attorney General



## **Topics: Meetings 2 and 3**

## Meeting 2: Supply-Side Policy Options

Anticipated Presenters: HPC staff and Hoangmai Pham, MD, MPH, Chief Innovation Officer for the Center for Medicare and Medicaid Innovation

## Meeting 3: Direct Limits on Variation

**Anticipated Presenters:** 

HPC staff and Joshua Sharfstein, MD, former Secretary of Maryland Department of Health and Mental Hygiene, currently professor and associate dean of the Johns Hopkins University Bloomberg School of Public Health





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## Demand-side incentives for reducing unwarranted price variation

**Demand-side incentives** in health care encourage purchasers of coverage and services (i.e. individuals and employers) to make higher-value choices

## Demand-side incentives can result in cost savings

- For individuals through lower premiums and out-of-pocket costs
- For employers and insurers though lower premiums and higher-value spending

## Demand-side incentives can reduce unwarranted price variation

 By encouraging patients to use higher-value (e.g. lower-priced, high quality) providers, demand-side incentives can incentivize higher-priced providers to lower prices

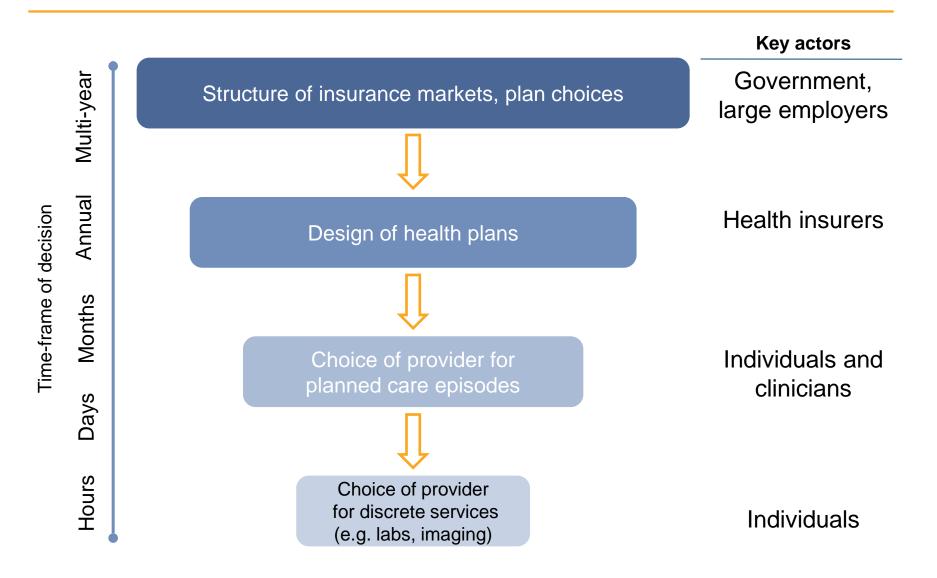


#### **Limitations of demand-side incentives**

- Demand-side incentives tend to play a smaller role in health care than in other markets, e.g.:
  - Insurance and subsidies limit consumer exposure to the cost of care, which tends to reduce consumer incentives to shop for less expensive care
  - Consumers are unlikely to know what health care services they need and often depend on providers to make care decisions
  - It is often difficult to determine the quality of a service or differences in services between providers; as a result, consumers sometimes use price as a proxy for quality, assuming that higher prices are associated with higher quality\*
  - Consumers may consider health to be so important that they are less likely to consider cost in making health care decisions
- Demand-side incentives may not work for all types of care. They tend to work best for:
  - Planned episodes of care
  - Situations where quality is more transparent or services are more standardized
- Demand-side incentives may create financial burdens for some consumers



## Where can demand-side incentives be applied in health care?





## **Key demand-side policy options**

## Strategy 1:

Using insurance design to encourage consumers to use high-value providers

- Tiered and limited network plans
- Reduced premiums for choosing high-value primary care providers (PCPs)
- Encouraging enrollment in value-based plans, e.g., defined employer contributions, active re-enrollment and/or premium holidays

## Strategy 2:

Encouraging consumer shopping for services

- Reference pricing
- Cash-back rebates and other consumer choice interventions
- Price and quality transparency



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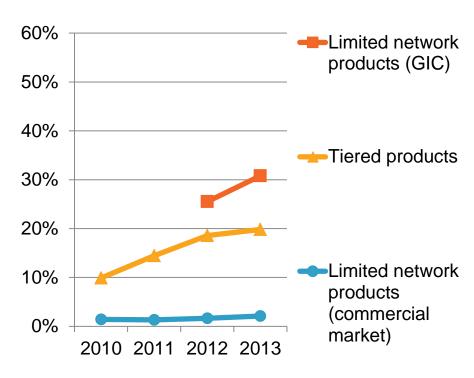
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## **Tiered and limited network plans: Opportunity**

- Uptake of tiered and limited network plans in Massachusetts remains low
- But evidence suggests these plans can shift care to higher-value providers and reduce spending without reducing quality of care.
  - Limited network plans in the GIC were associated with 36% lower costs with no reduction in quality of care
- If tiered network coverage comprised 50% of the market instead of 16%:
  - Premium spending would be ~3.5% lower
  - ~1.5% of volume would shift from higher to lower-priced hospitals

## **Uptake of tiered and limited products in Massachusetts**





## Tiered and limited network plans: Considerations and limitations

- Tiered and limited networks can be complex for employers, consumers and providers to navigate; transparency is critical
- Employers may be concerned about employee preference for broad networks
- Tiered and limited networks may work in tension with ACOs and care coordination
- "Tiering" requires that differences in cost-sharing be significant enough to change consumer behavior



## **Key demand-side policy options**

## Strategy 1:

Using insurance design to encourage consumers to use high-value providers

- Tiered and limited network plans
- Reduced premiums for choosing high-value primary care providers (PCPs)
  - Presentation by the Office of the Attorney General
- Encouraging enrollment in value-based plans, e.g., defined employer contributions, active re-enrollment and/or premium holidays

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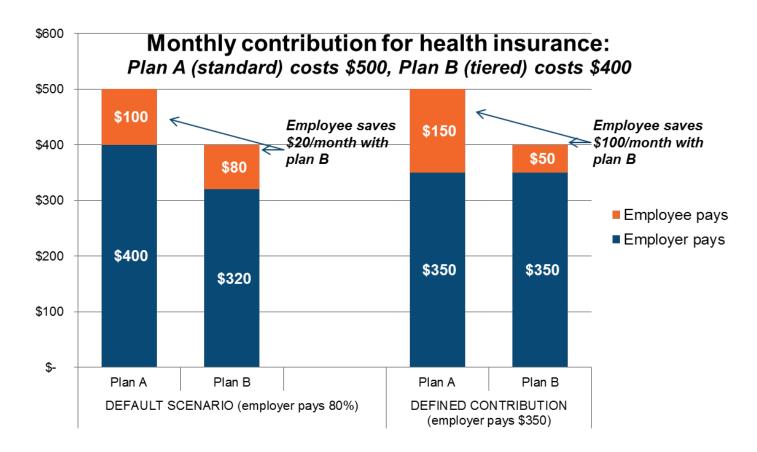
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## **Defined employer premium contributions: Opportunity**



- Research literature suggests ~5% lower total spending under a defined contribution strategy
- ACA exchanges (including MA Health Connector) use this strategy and tend to have a higher proportion of enrollees in limited and tiered network plans



## **Employer defined contribution plans: Considerations and limitations**

Employers may feel a defined contribution strategy allows for better long-run control of spending

However, some enrollees may pay significantly more under this arrangement

Plans should be substantially the same with respect to benefits, actuarial value

Other mechanisms (e.g. premium holidays, active re-enrollment) may also encourage enrollment in value-based plans



## **Key demand-side policy options**

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## **Reference pricing: Opportunity**

A **reference price** is a set price for a procedure or service above which the payer (or self-insured employer) will not pay

Consumers who seek care from providers with rates above the reference price pay the difference between the provider's rate and the reference price. This means that:

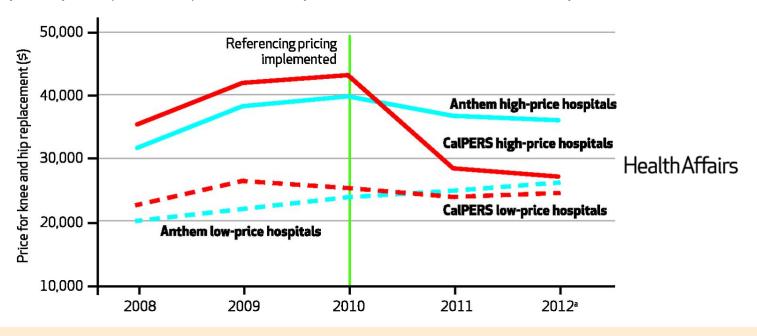
- Patients are incentivized to be aware of provider prices and "shop" for health care services
- Providers are incentivized to offer services at the reference price

Some reference pricing initiatives (e.g. CalPERS) have shown very promising results in reducing spending, reducing price variation, and shifting care to higher-value settings



## Reference pricing: CalPERS example

California's public employee retirement system (CalPERS) initially saw 5-fold variation in prices paid for knee and hip replacements. They identified 41 preferred hospitals and set a maximum price paid (\$30,000); enrollees paid full cost above that set price



#### Results

- Patients chose care in lower cost facilities: ~30% switched to lower-priced facilities
- Prices declined ~34% at higher-priced facilities
- No evidence of reduced quality
- No evidence of cost-shifting to consumers



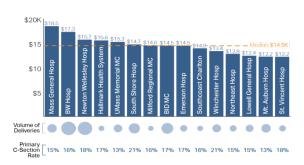
## Reference pricing: Opportunities in Massachusetts

#### **Knee Replacement**



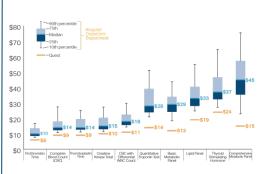
- Savings to the payer would be ~5% if New England Baptist price was set as the reference price
- No significant quality differences observed among hospitals

#### **Maternity**



- Payer savings would be 17% if Mount Auburn's price were set as the reference price
- Maternity care represents 1 in 6 commercial inpatient discharges and is 3.5% of all commercial spending

#### **Lab Tests**



 Payer spending on lab tests would be reduced by ~50% if Quest price were set as the reference price

System savings would be less to the extent that patients paid out of pocket to use higher-priced providers

<u>Knee Replacement</u>: \*only hospitals with greater than 15 discharges are displayed as bars; average payment shown in table includes all hospitals studied Source: HPC Analysis of All-Payer Claims Database, 2012



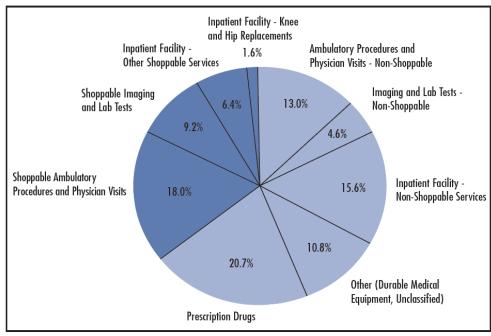
Maternity: Health Policy Commission. 2015 Cost Trends Report. Boston (MA): Health Policy Commission. 2016 Jan 20.

### Reference pricing: Considerations and limitations

Reference pricing is only appropriate for "shoppable" services, which account for about a third of total spending

- Reference pricing can be costly to implement due to the need to:
  - Carefully set a price appropriate to the market
  - Thoroughly communicate to all enrollees both the existence of the program and information on which providers they can use without extra cost-sharing
- Reference pricing may create financial burdens for some patients

Figure 1
Shoppable Services Account for One-Third of Total Spending



Note: Shoppable services were identified in claims data based on the diagnosis-related group for inpatient facility stays or the Healthcare Common Procedure Coding System and Current Procedural Terminology codes for outpatient facility and professional services.

Source: Authors' calculations using 2011 claims data from nonelderly privately insured autoworkers and dependents



## **Key demand-side policy options**

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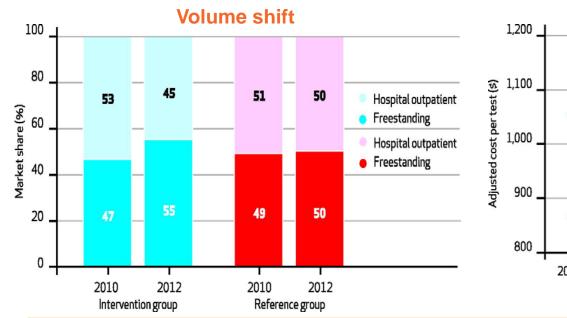
# Cash-back incentives and other consumer choice interventions: Opportunities and limitations

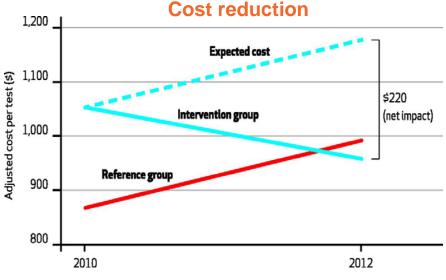
- Cash-back rebates provide consumers with direct payments when they utilize providers designated as "high-value" providers.
  - The payer may identify specific high-value providers that consumers can choose in order to qualify for the rebate payments
  - Typically, these are used for services that are highly standardized, such as imaging services (MRI etc.) or labs
- Other interventions can also seek to steer patients to low-cost, high-quality providers
  - Simply alerting consumers to the existence of high-value providers may encourage their use, especially where consumers receive assistance in scheduling appointments with these providers
- Like reference pricing, these incentives and interventions are limited to services that consumers can shop for well in advance, and where quality is more transparent or services are more standardized



## Consumer choice intervention: MRI example

- A specialty benefits management company implemented a voluntary, nationwide program
- Employees scheduled for an MRI were called by a benefits manager if there was a nearby alternative at lower cost and comparable or better quality
- The benefits manager rescheduled the appointment if the patient agreed





#### Results

- Consumers who received calls spent 19% less on MRIs
- Hospital MRI prices dropped \$360, freestanding site prices rose \$85 (compared to controls)
- Several insurers in Massachusetts add cash-back incentives to augment this idea



## **Key demand-side policy options**

## Strategy 1:

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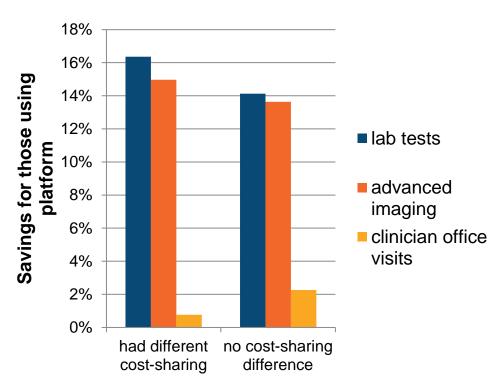


## **Price and quality transparency: Opportunities**

- Price and quality transparency can facilitate consumer shopping:
  - Availability of price and quality information has led to lower spending among consumers who used a search tool (see next slide)
  - Clearer quality information presented alongside price information has been found to make consumers more likely to make high value choices (e.g. letting patients know if providers are rated as being responsive to patients' needs and whether providers use treatments "proven to get results.")
- Certain transparency requirements under existing Massachusetts law could consumer shopping:
  - Information on total medial expenses and relative prices for payers and providers
  - Health care providers are required give patients requested cost information within 2 business days
  - Payers are required to give patients requested cost information immediately
- Price and quality transparency are also necessary components of other demand-side incentives, such as reference pricing



## Price transparency example: Introduction of searchable price platform



## Percent who used search tool:

Labs: 5.9%

Imaging: 6.9%

Office visits: 26.8%

- A multi-state insurer used a vendor (Castlight) to allow employees to search price and quality information for certain services
- Few used the search tool, but those who did had lower spending than those who did not
- While the existence of a costsharing difference between using higher- or lower-cost providers yielded larger effects, those with no cost-sharing differential also spent less



## **Transparency: Considerations and limitations**

- The Commonwealth faces implementation challenges around current transparency laws:
  - Many providers do not currently provide price information as required
  - Payer websites may not be comprehensive, and can be difficult for consumers to navigate
  - Few consumers may use transparency sites: fewer than 50 uses per 1,000 members for 3 largest insurer websites in Massachusetts
- Price information alone, without data on quality, may lead consumers to use high-priced providers under the assumption that their quality is superior
- Transparency, like reference pricing, is only helpful in encouraging use of high-value providers for those services for which consumers can shop ahead of time



## **Demand-side incentives summary**

- 1 Use of demand-side incentives can increase the use of efficient plan designs, shift volume to higher-value providers and reduce spending and prices through competition
- 2 Encouraging examples exist, but thus far, they have been somewhat limited and applied to only a subset of shoppable conditions
- 3 Demand-side incentives can complement other policy options
- Overall, demand-side incentives may support a more competitive, value-driven market place but likely will not fully address unwarranted price variation alone





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## A More Effective Approach to "Consumerism" in Health Care: Premiums Based on Value

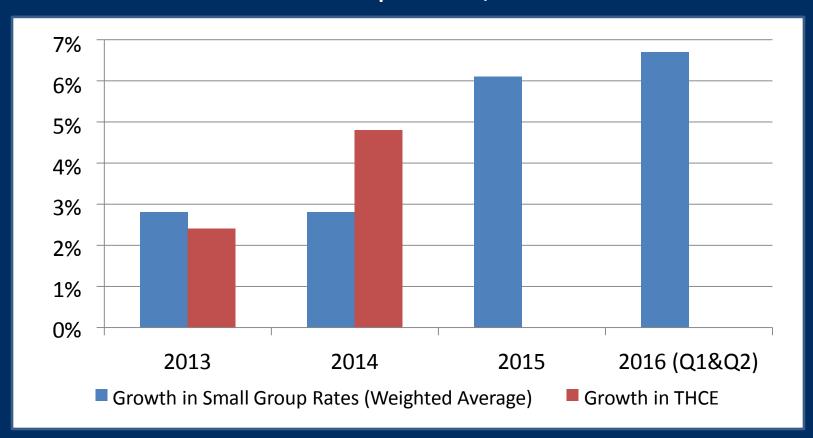
March 30, 2016

OFFICE OF ATTORNEY GENERAL MAURA HEALEY
ONE ASHBURTON PLACE
BOSTON, MA 02108



# Health Care Costs Continue to Climb, Burdening Families and Businesses

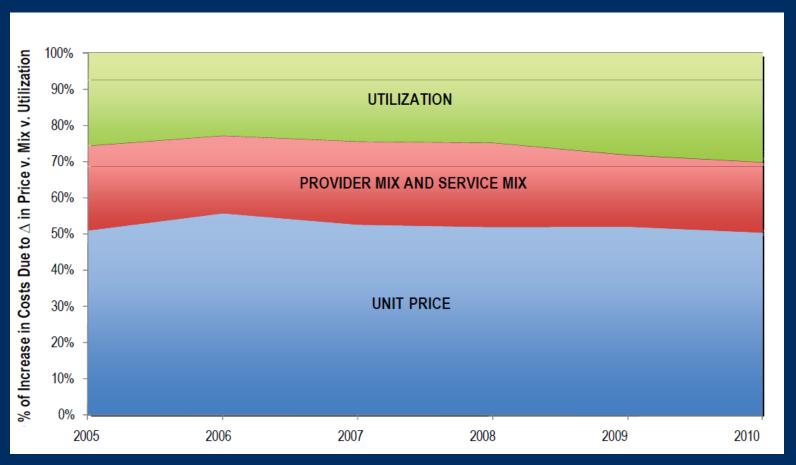
Growth in Small Group Rates & Total Health Care Expenditures, 2013-2016





# Provider Prices Are the Biggest Driver of Rising Health Care Costs

### **Significant Growth in Medical Spending Is Due to Price Increases**

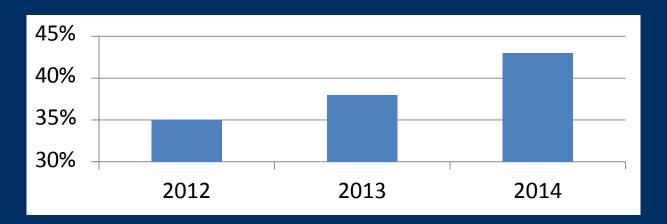




# Responses to Date Have Been Regressive, Fragmented & Overly Complex

 Regressive: shifting costs onto consumers without attention to the underlying reasons costs are growing can discourage needed medical services.

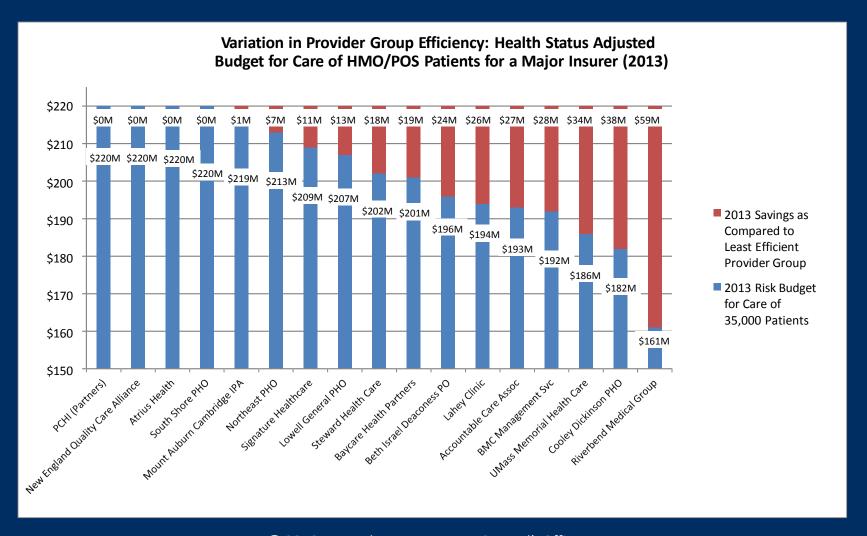
High-Deductible Health Plan Membership, Small Group (CHIA, 2015)



 Fragmented and overly complex: current approaches to encouraging patients to choose high-value providers can include unrealistic expectations regarding health care decision-making.



# A Better Approach: Recognizing That Consumer Choice of A <u>System</u> of Care Better Aligns with Payment Reform and How Consumers Choose Health Care Providers





# What Would Premiums Look Like If They Reflected Provider Efficiency?

# Tiering Premiums Based on Patient's Choice of PCP (Not a Limited Network Product) While Continuing to Socialize Health Risk

Provider Group	Current Approach (PMPM - Adult)	Health Status Adjusted Premium Relativity	<b>New Approach</b> (PMPM - Adult)
Provider A	\$583.73	0.88	\$514.00
Provider B	\$583.73	0.93	\$540.51
Provider C	\$583.73	0.95	\$553.30
Provider D	\$583.73	0.97	\$567.08
Provider E	\$583.73	0.99	\$580.02
Provider F	\$583.73	1.00	\$585.14
Provider G	\$583.73	1.02	\$595.20
Provider H	\$583.73	1.06	\$620.80



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## **Demand-side incentives overview**

Strategy	Examples of Specific Options	Considerations
Using insurance design to encourage consumers to use high-value providers	<ul> <li>Tiered/ limited network plans</li> <li>Reduced premiums for choosing high-value PCPs</li> <li>Encouraging enrollment in value-based plans</li> </ul>	<ul> <li>Tiered networks associated with savings and volume shifts to more efficient providers, but take-up is low:         <ul> <li>Can be complex to navigate; transparency is critical</li> <li>Employer concern about employee preference for broad networks</li> </ul> </li> <li>Tiering requires differences in cost-sharing to be significant enough to change consumer behavior</li> <li>Defined contribution strategies can yield higher enrollment in these products and lower spending, but:         <ul> <li>Some employees may pay significantly more</li> <li>Plans should be similar in benefits, actuarial value</li> </ul> </li> </ul>
Encourage consumer shopping for services	<ul> <li>Reference pricing</li> <li>Cash-back rebates, other consumer choice incentives</li> <li>Price and quality transparency</li> </ul>	<ul> <li>Evidence on reference pricing and choice incentives suggests savings, but policies only appropriate for "shoppable" care</li> <li>Reference pricing and choice incentives can be costly to implement (e.g., communication to enrollees)</li> <li>Reference pricing can create financial burden for some patients</li> <li>Transparency requirements have been challenging to implement, and have not yet engaged many consumers</li> <li>Price transparency without quality data may lead consumers to use higher-priced providers</li> </ul>





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#### **Contact Information**

For more information about the Health Policy Commission:

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