#### Matthew Mitchell, PhD Senior Research Fellow



## ALASKA'S CON LAW

LESSONS FROM THREE DECADES OF RESEARCH

Alaska Senate
Health & Social Services Committee

March 27, 2019

#### WHAT IS A CON LAW?



A permission slip to compete

Not a quality gate

Designed to assess "need"

Unusual in a market economy

A barrier to entry that restricts supply

Anticompetitive





1974
National Health
Planning and
Resources
Development
Act

Ensure an adequate supply of HC

Ensure rural access to HC

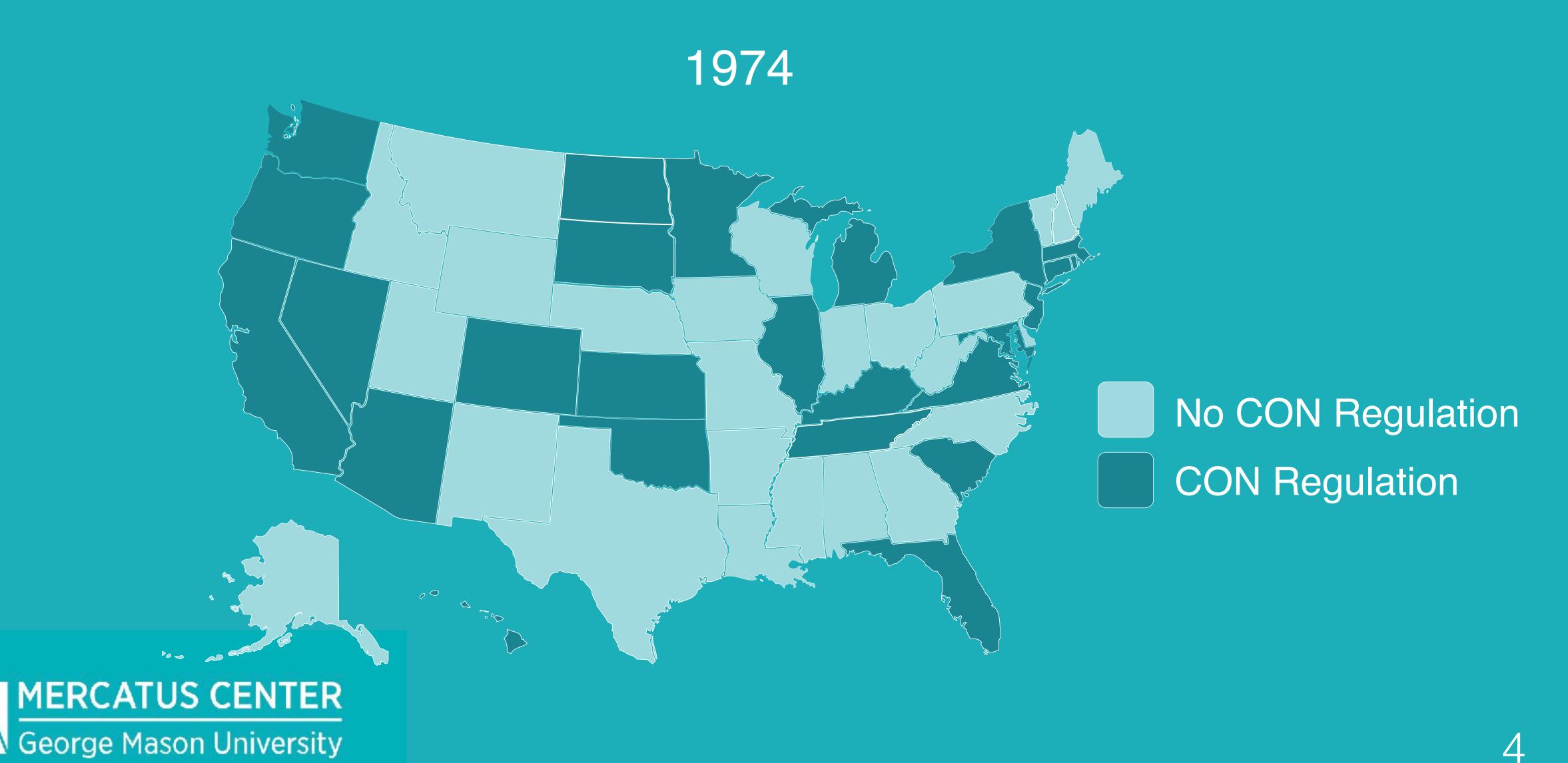
Promote high quality HC

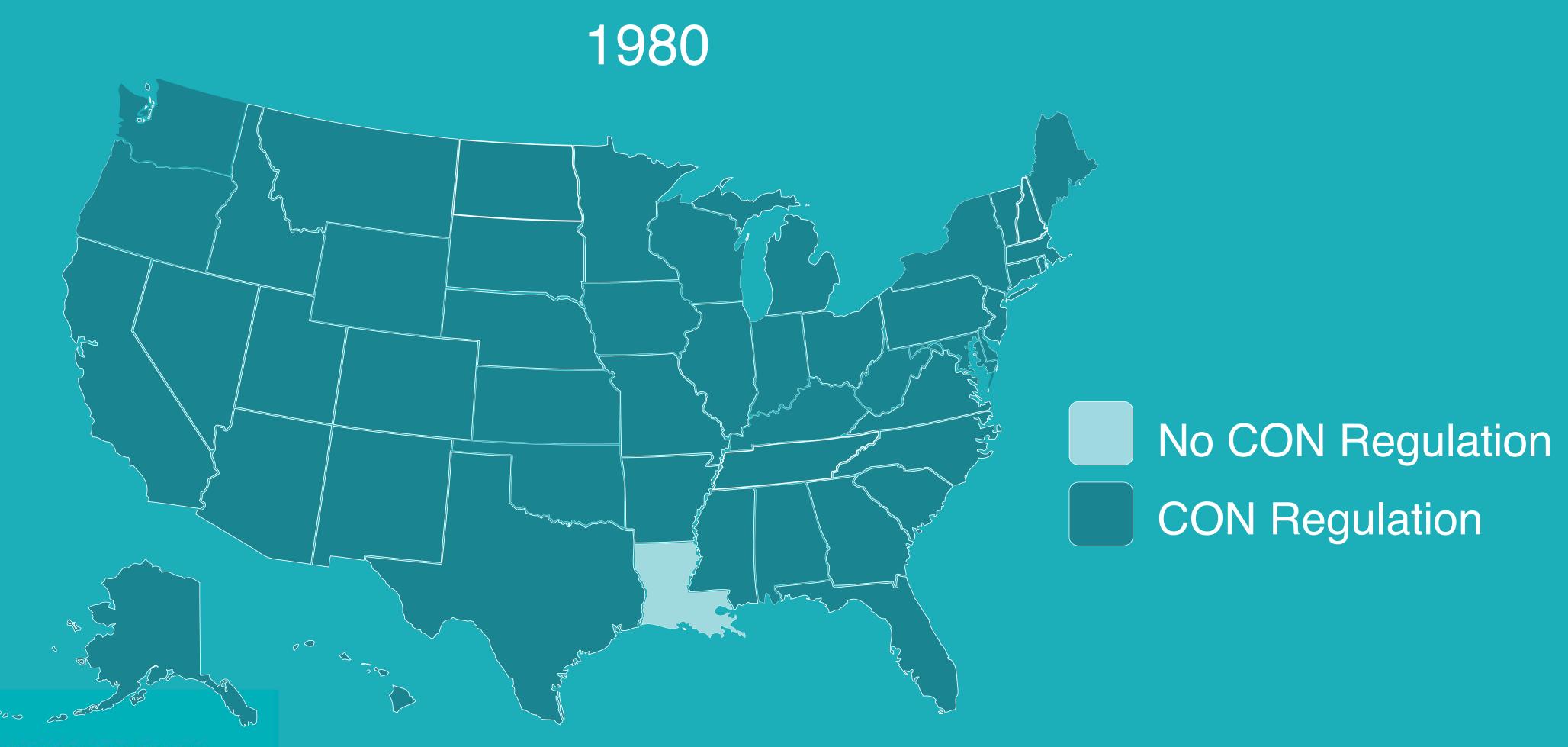
Promote charity care

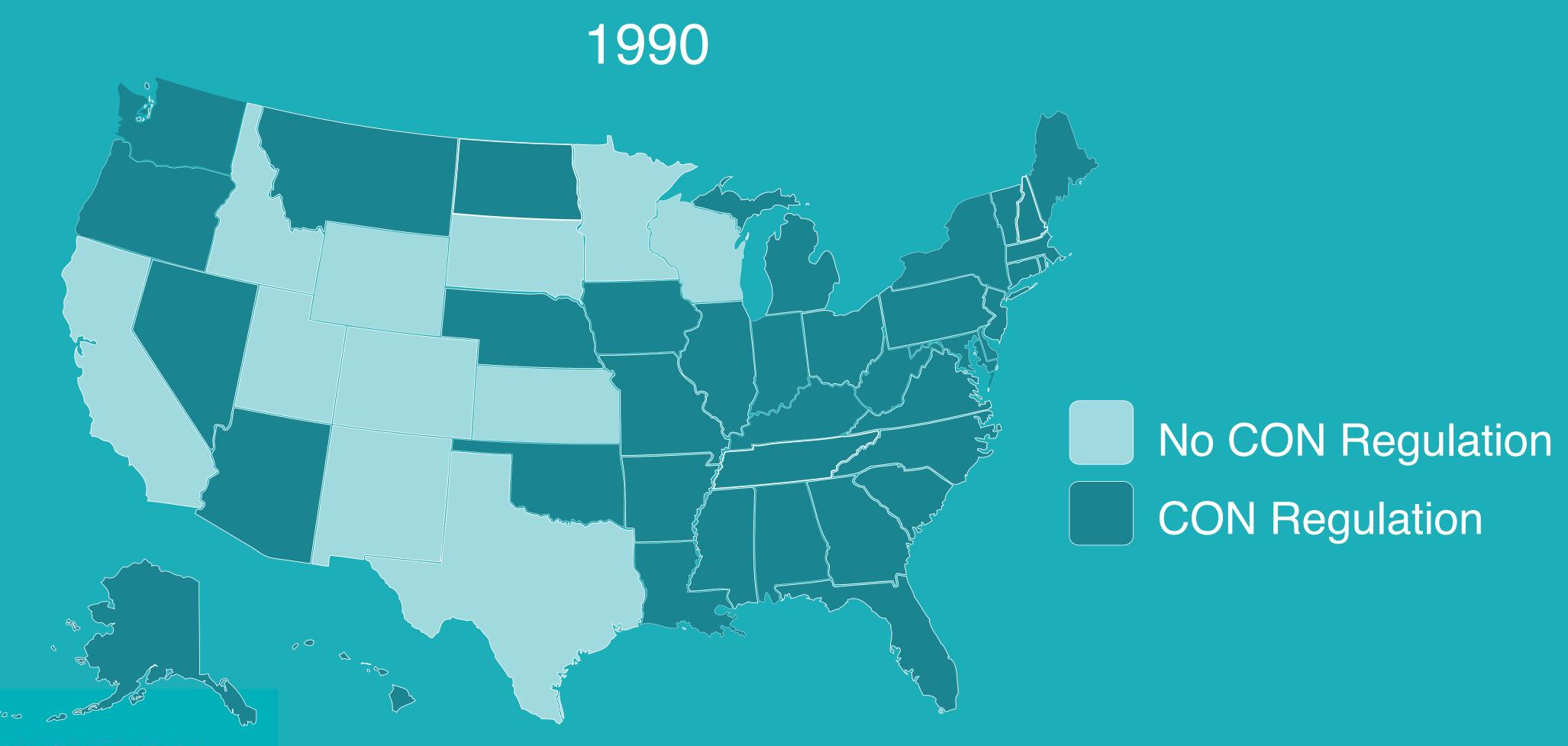
Encourage hospital substitutes

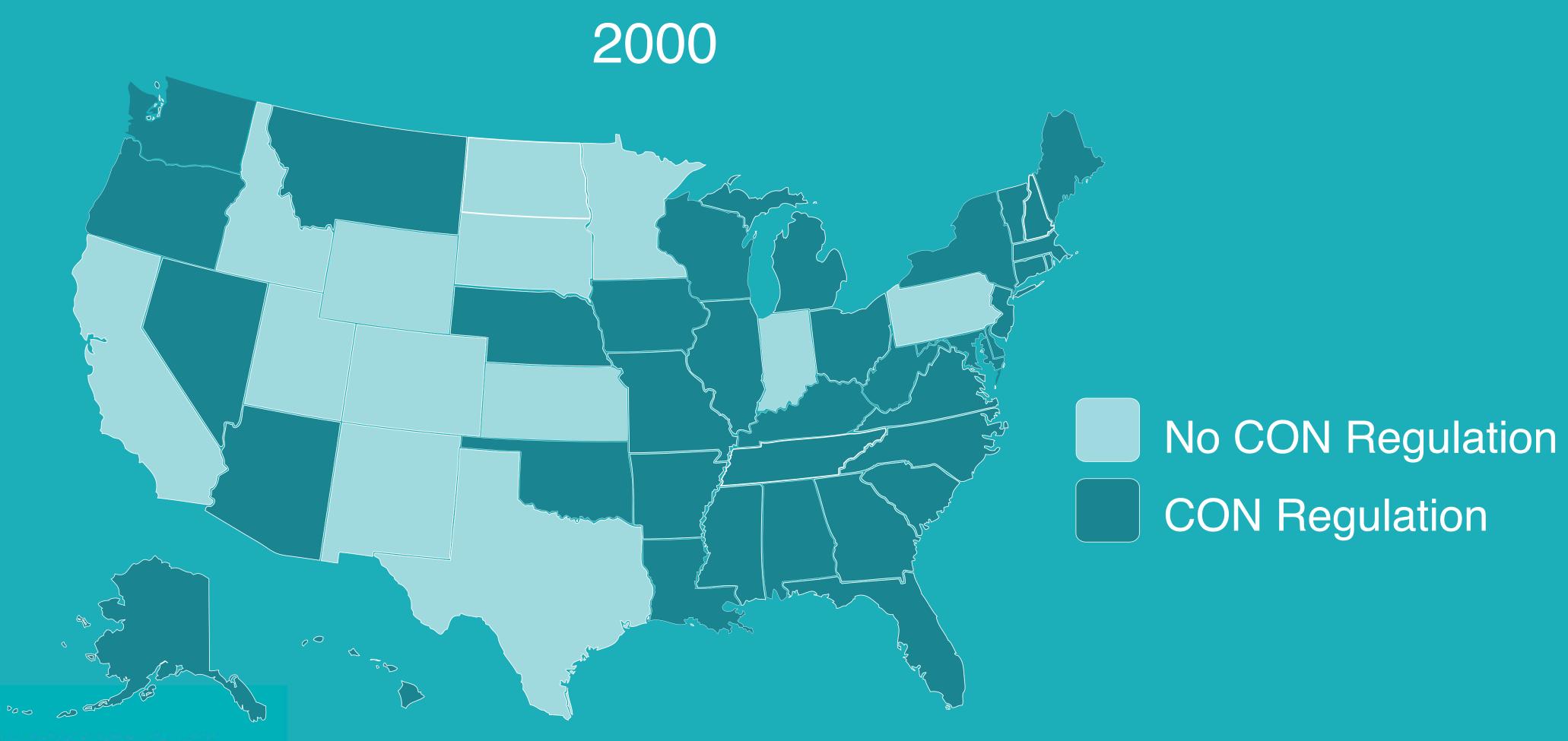
Restrain the cost of care

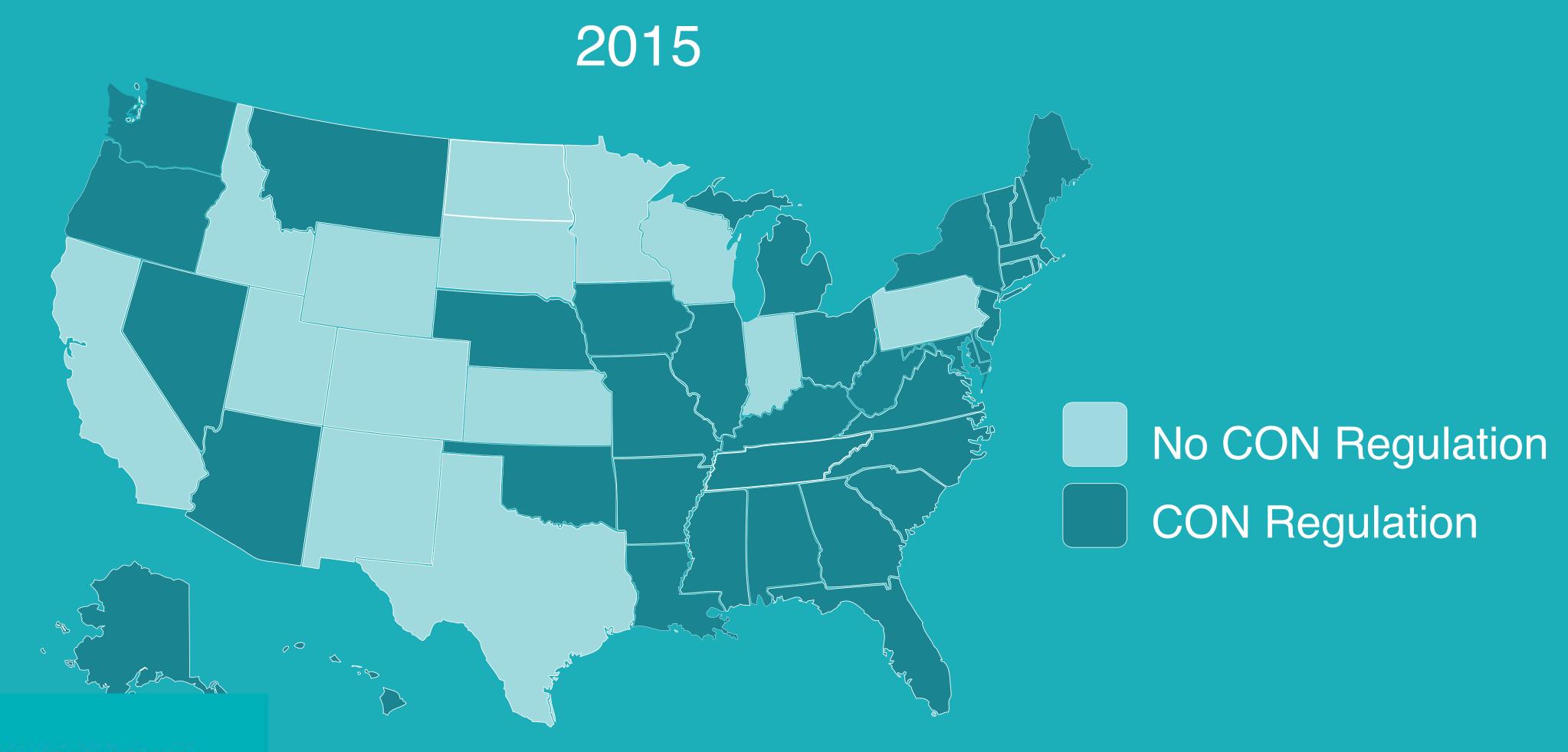


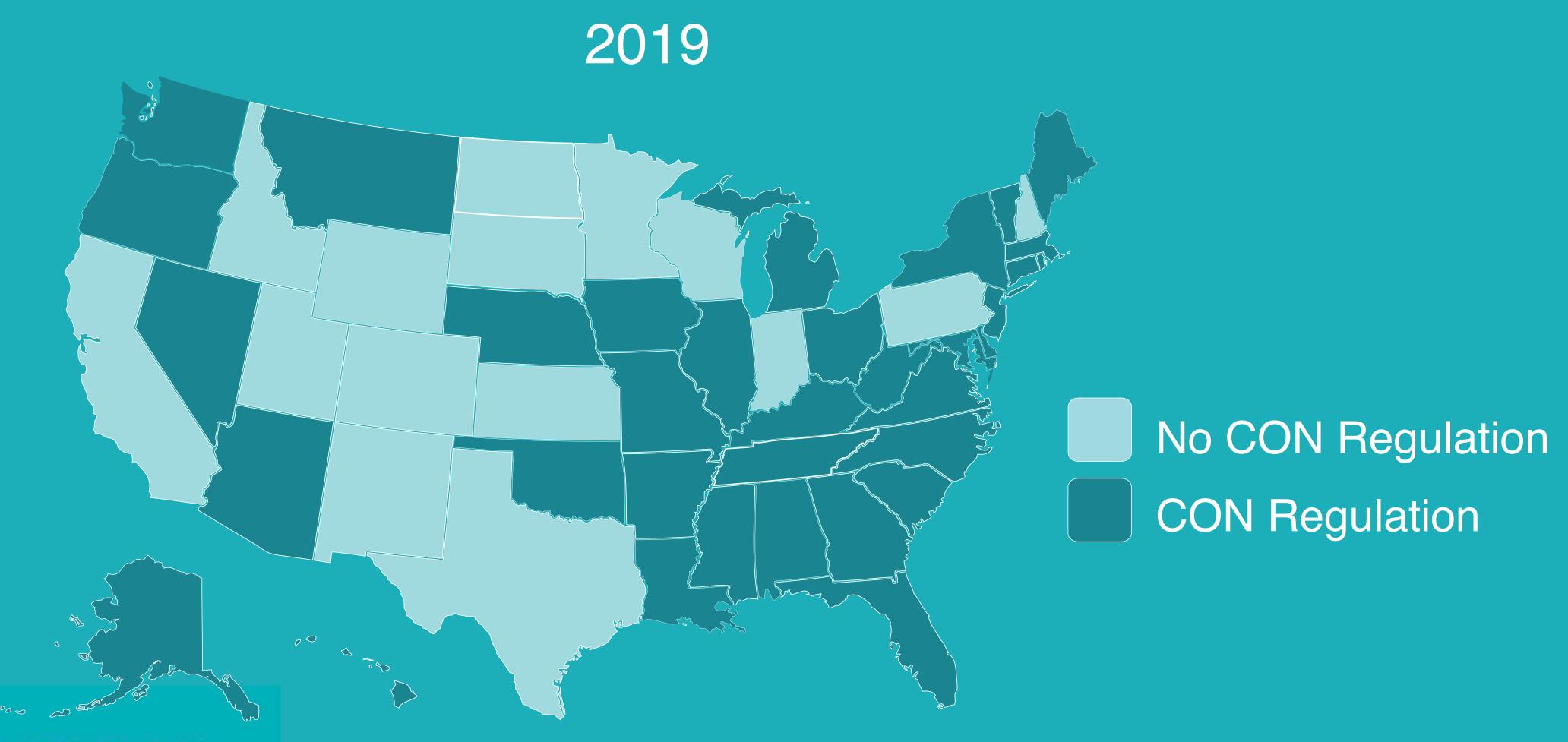












#### ALASKA'S CON LAW

lithotripsy radiation therapy

organ transplants

PET Scanners

MRI Scanners

burn care Nursing home beds psychiatric services

CT Scanners

open-heart surgery

NICU Renal failure / dialysis

cardiac catheterization obstetrics

mobile Hi tech

long-term acute care

acute hospital beds

subacute services

Ambulatory surgical centers



gamma knives

#### THE STATED GOALS OF CON LAWS



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Promote high quality HC

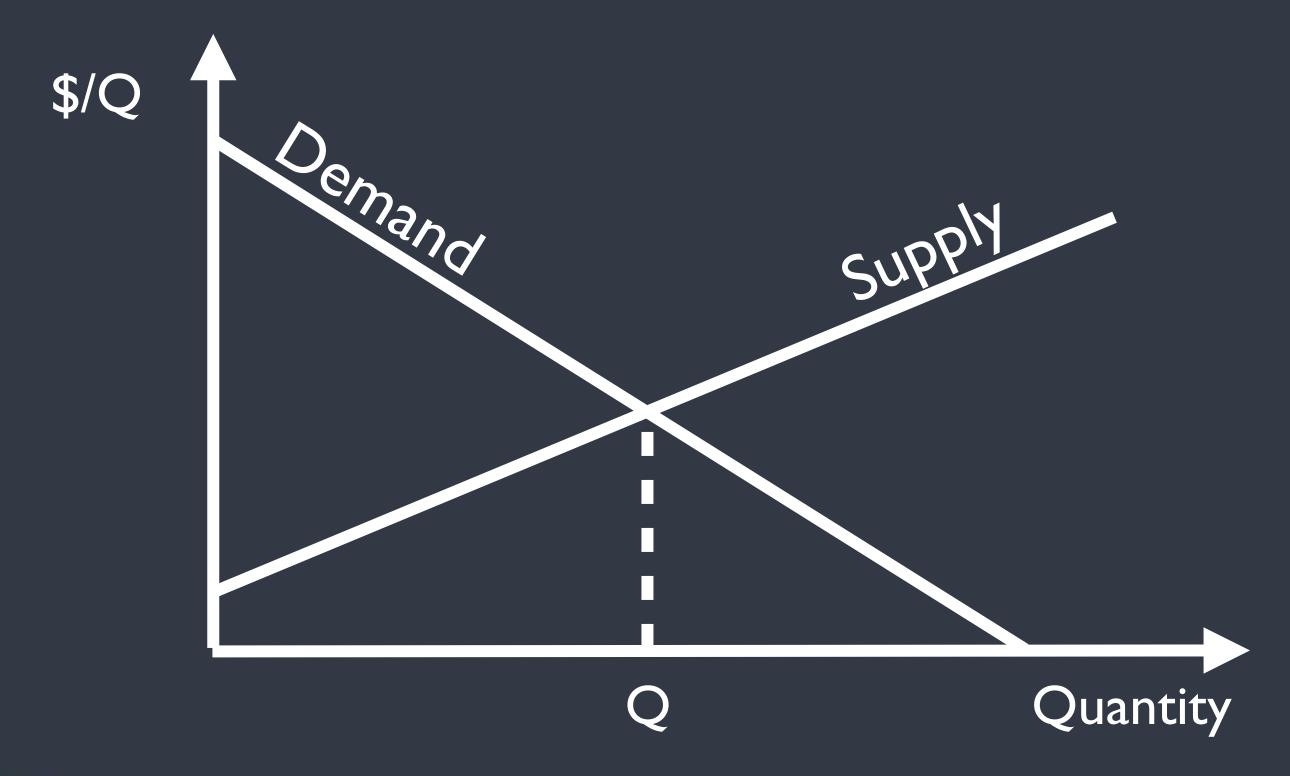
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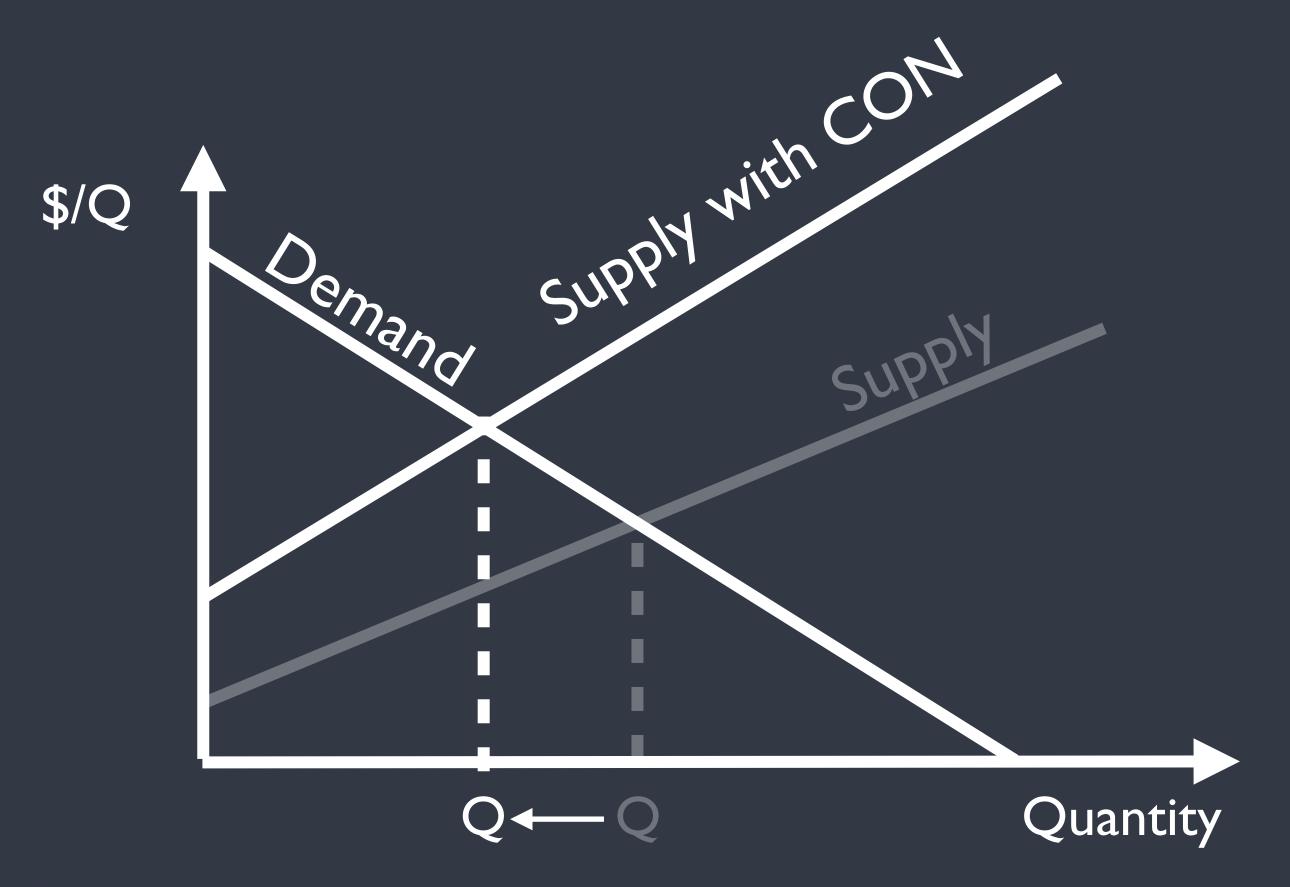
Restrain the cost of care



# THE REALITY OF CON LAWS Ensure an adequate supply of HC?



# THE REALITY OF CON LAWS Ensure an adequate supply of HC?





#### Ensure an adequate supply of HC?

Limited supply of dialysis clinics (Ford and Kaserman, 1993)

Limited supply of hospice care (Carlson et al., 2010)

Fewer hospitals per capita (Stratmann and Russ, 2014)

Fewer hospital beds per capita (Stratmann and Russ, 2014)

Fewer hospitals with MRIs (Stratmann and Russ, 2014)

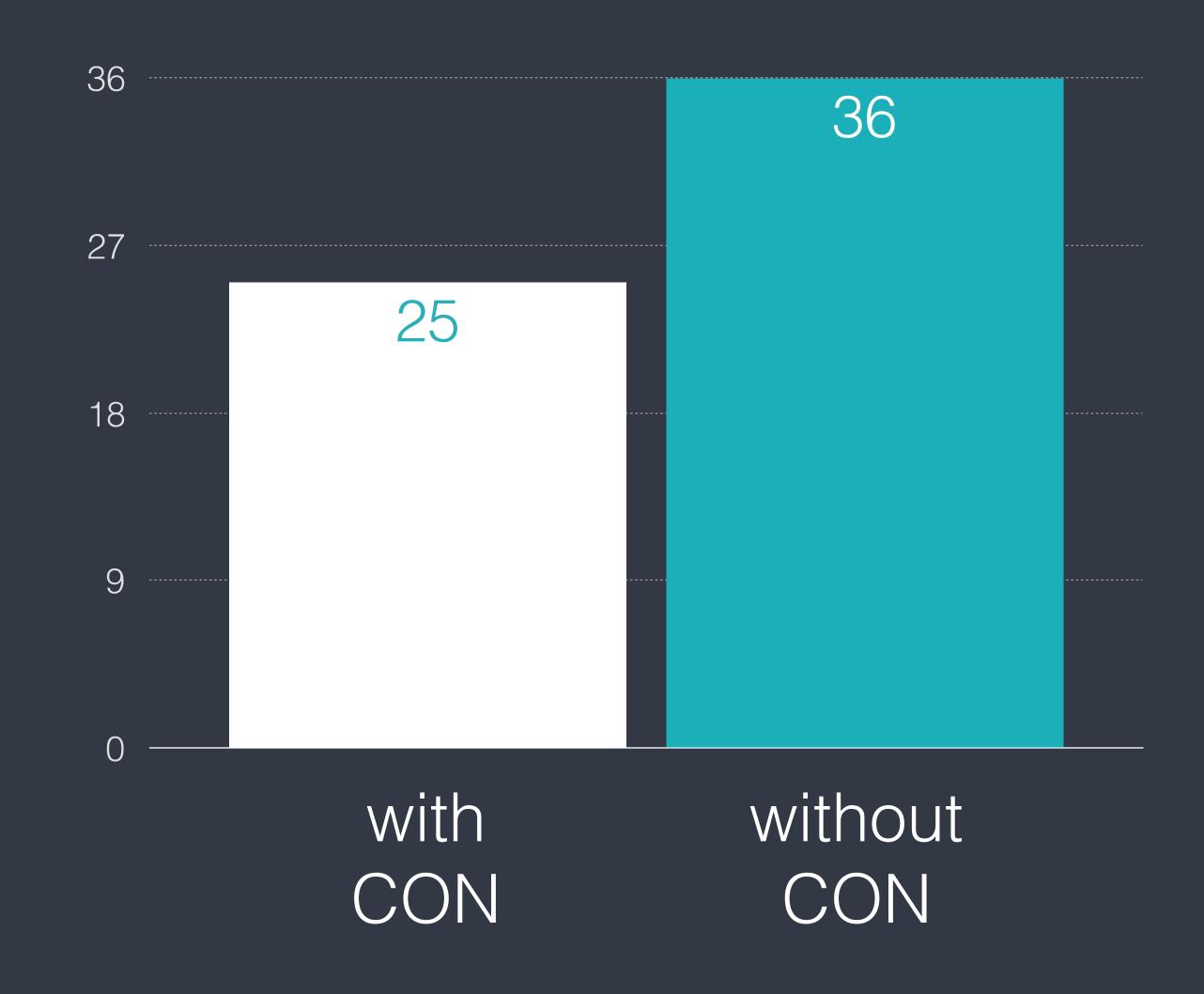
Fewer CT, MRI, PET scans (Stratmann and Baker, 2017)

More out-of-county CT, MRI, PET scans (Stratmann and Baker, 2017)



Ensure an adequate supply of HC?

Estimated number of Alaska hospitals without CON





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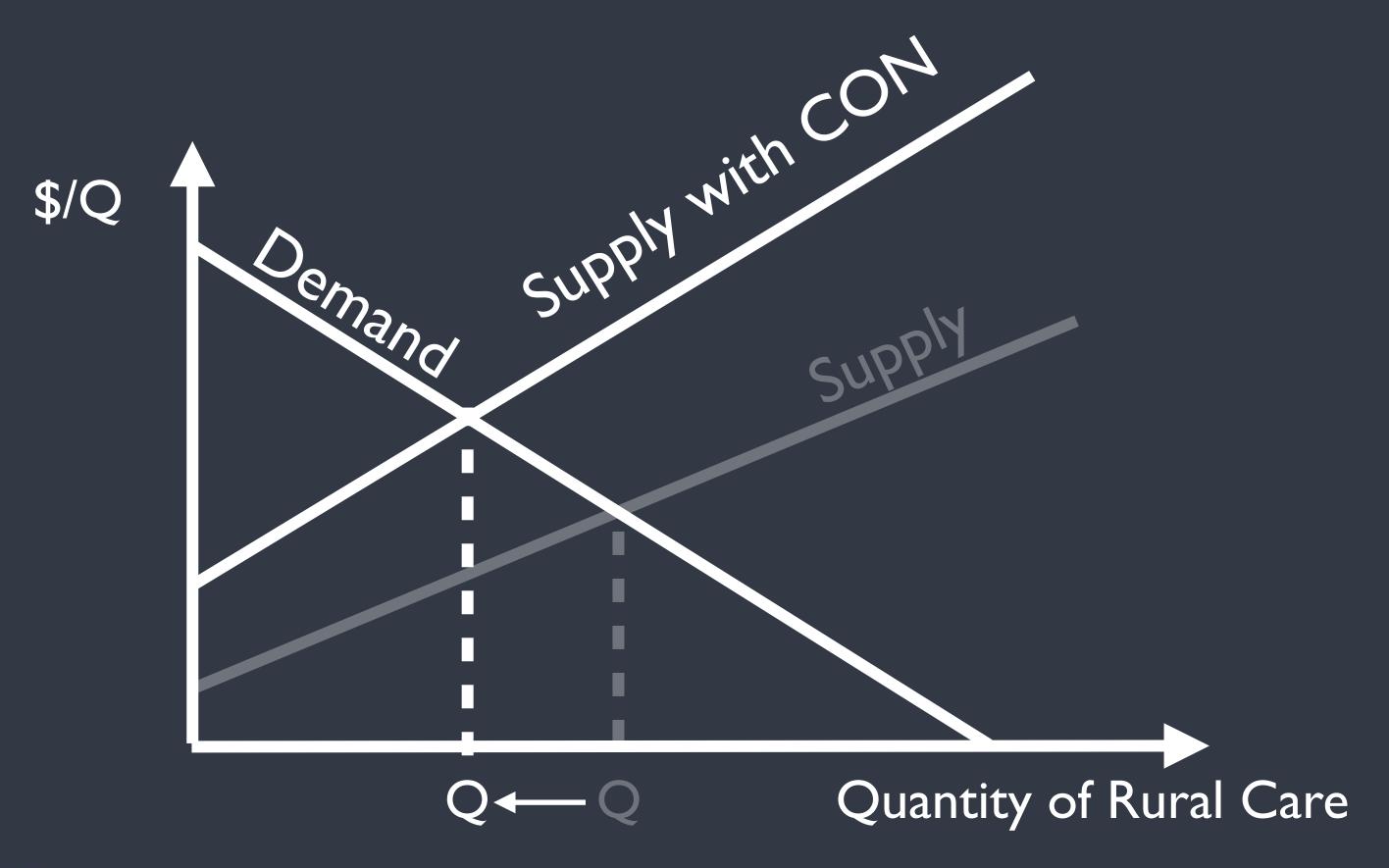
#### THE STATED GOALS OF CON LAWS

Ensure an adequate supply of HC

Ensure rural access to HC



## THE REALITY OF CON LAWS Ensure rural access to HC?





## THE REALITY OF CON LAWS Ensure rural access to HC?

30% fewer rural hospitals (Stratmann and Koopman, 2016)

Less access to rural hospice (Carlson et al., 2010)

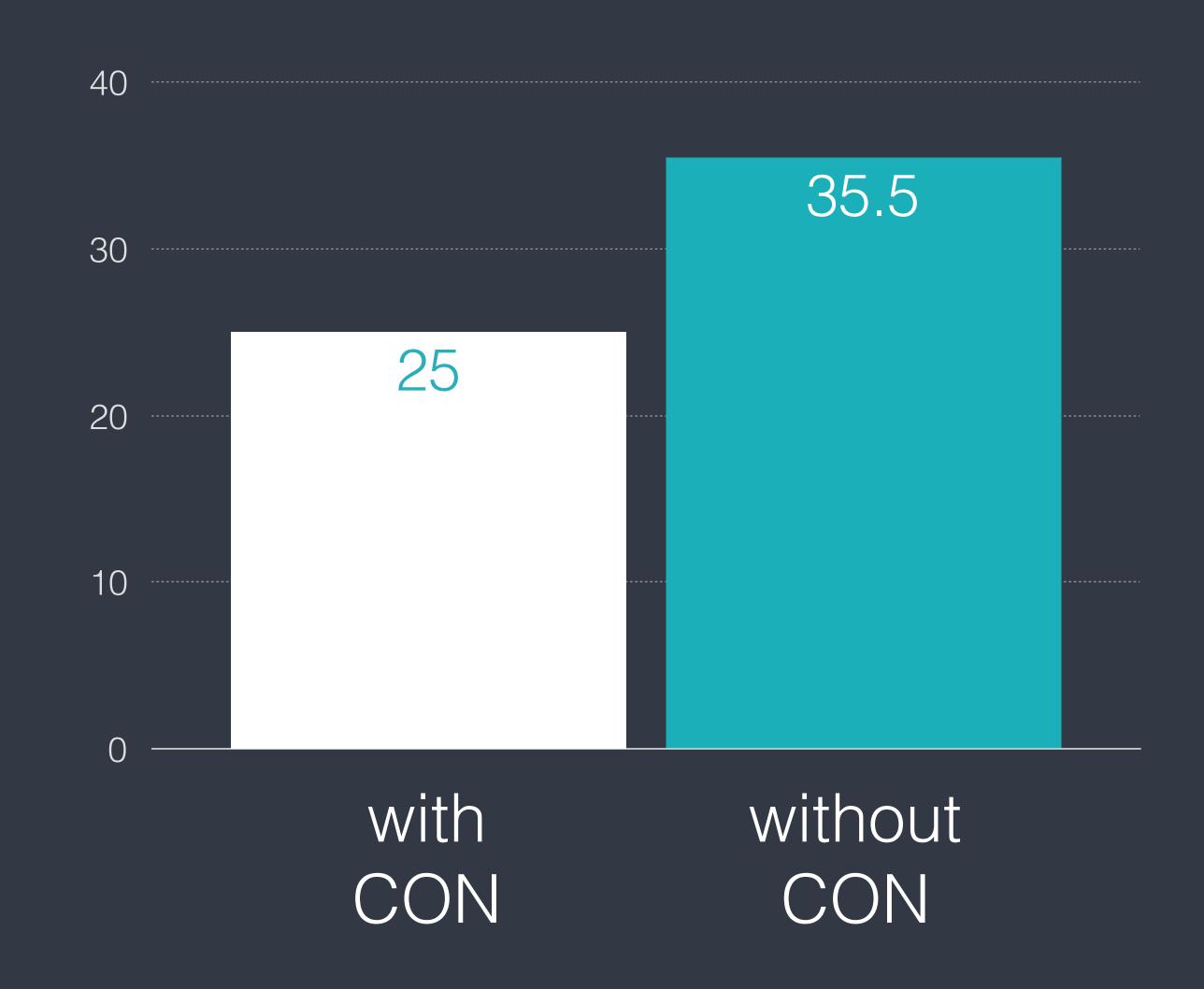
Longer travel distance to care (Cutler et al., 2010)

More out-of-county CT, MRI, PET scans (Stratmann and Baker, 2017)



Ensure an adequate supply of HC?

Estimated number of *rural AK* hospitals without CON





## THE STATED GOALS OF CON LAWS

Ensure an adequate supply of HC Ensure rural access to HC

Promote high quality HC



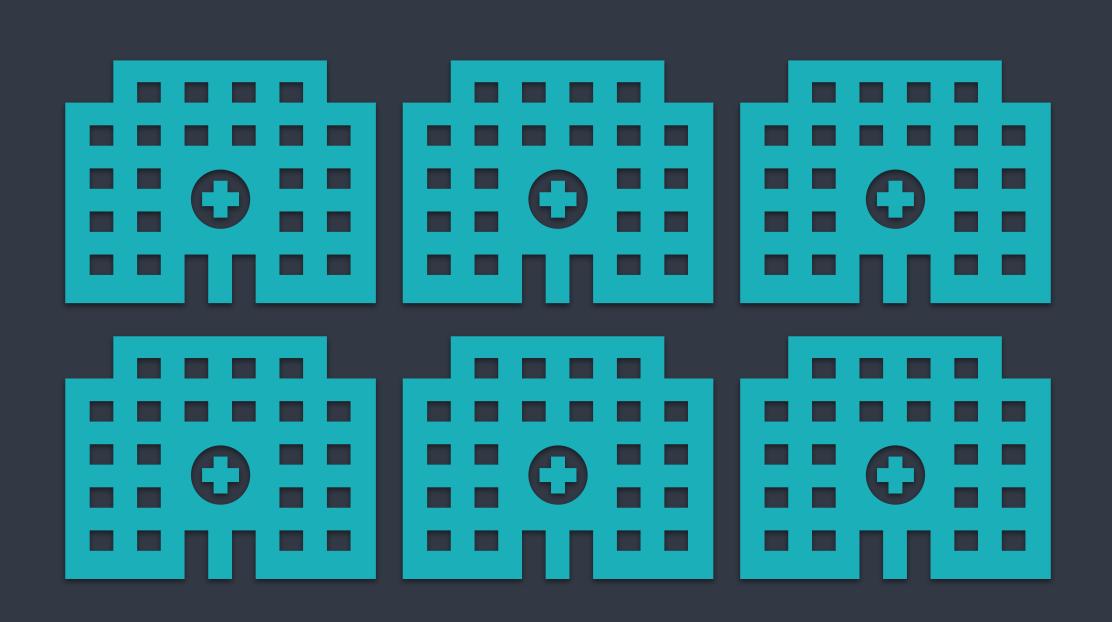
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Promote high quality HC?

scale competence vs. less competition







#### Promote high quality HC?

scale competence vs. less competition

Mixed early research on particular conditions

No effect on all-cause mortality (Bailey, 2016)

Higher mortality rates following heart failure, pneumonia, heart attacks (Stratmann and Wille, 2016)

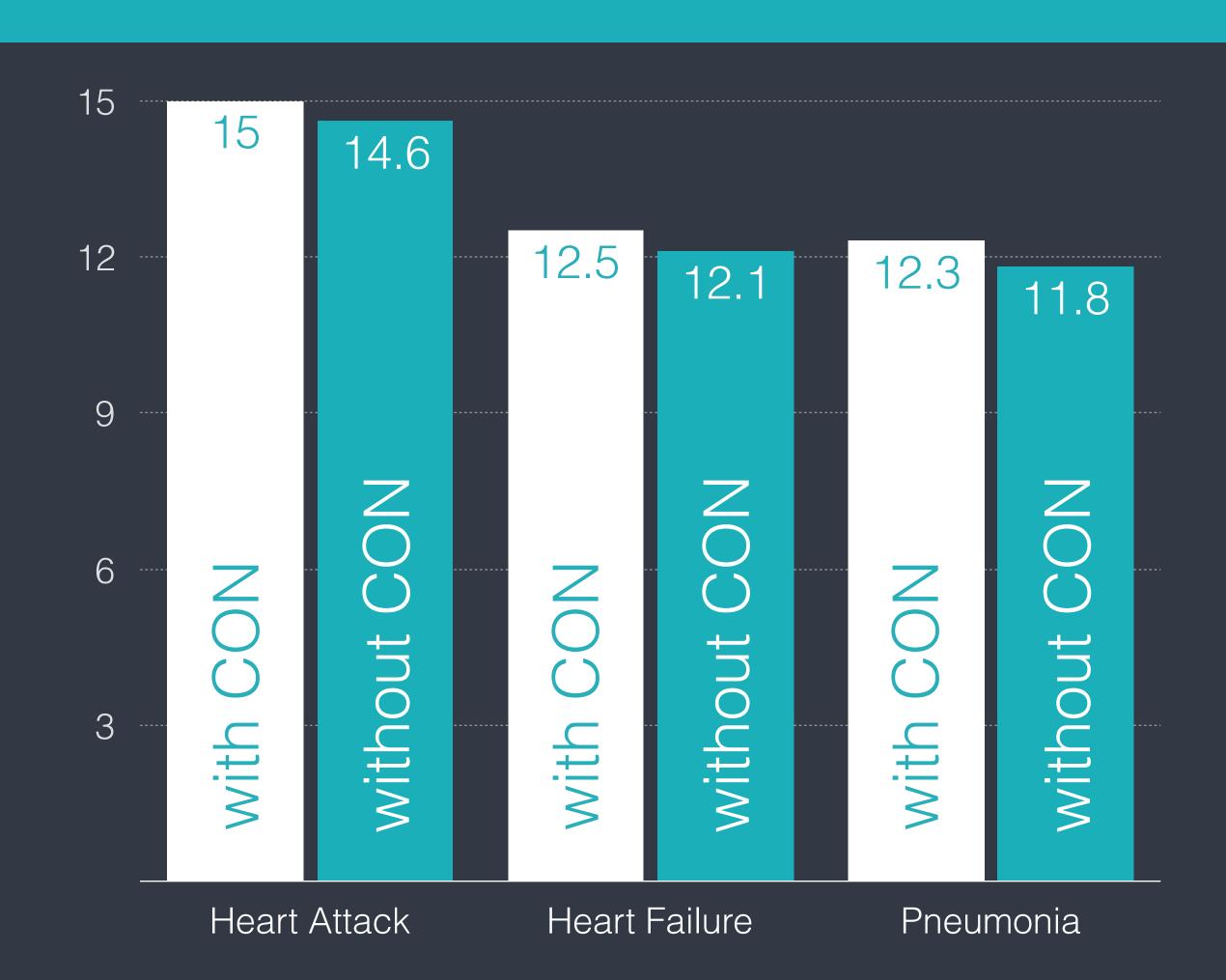
Higher rates of post-surgery complications (Stratmann and Wille, 2016)

Lower levels of patient satisfaction (Stratmann and Wille, 2016)



Promote high quality HC?

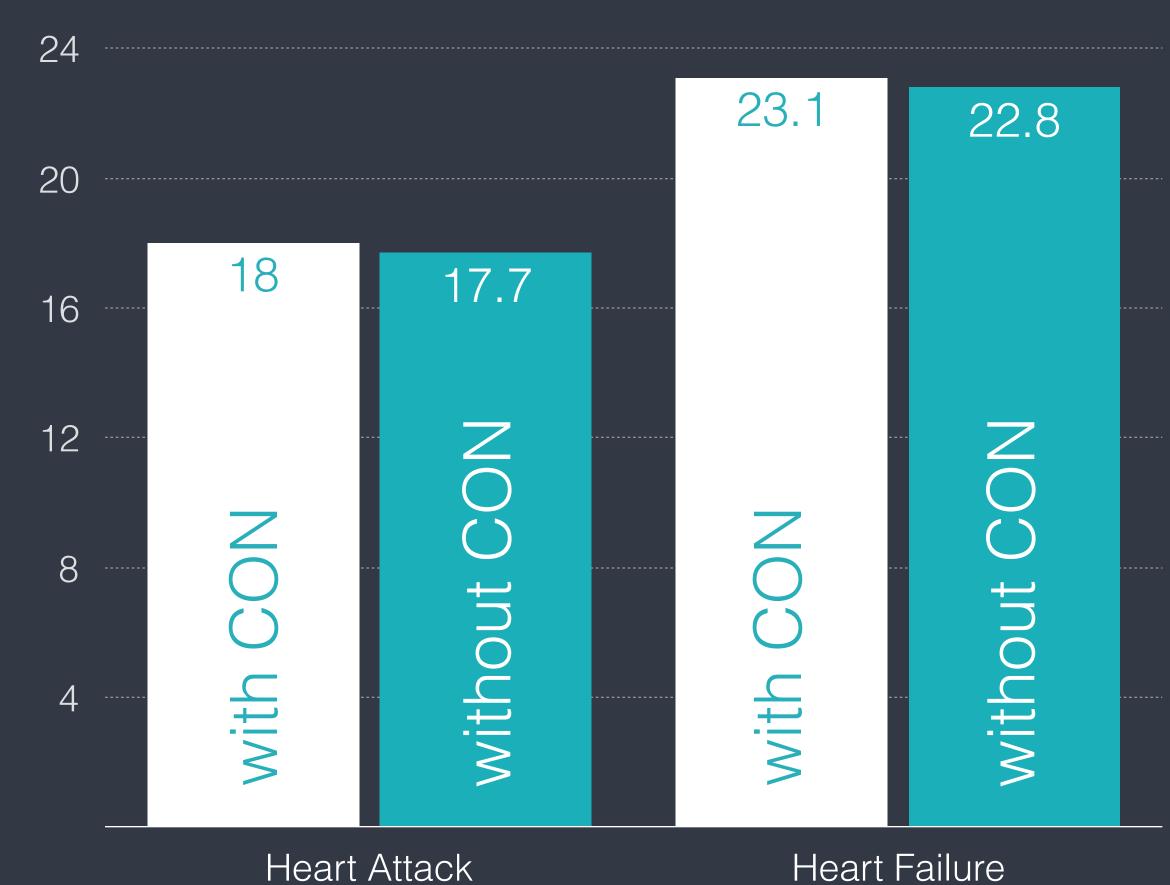
Estimated mortality rates in AK





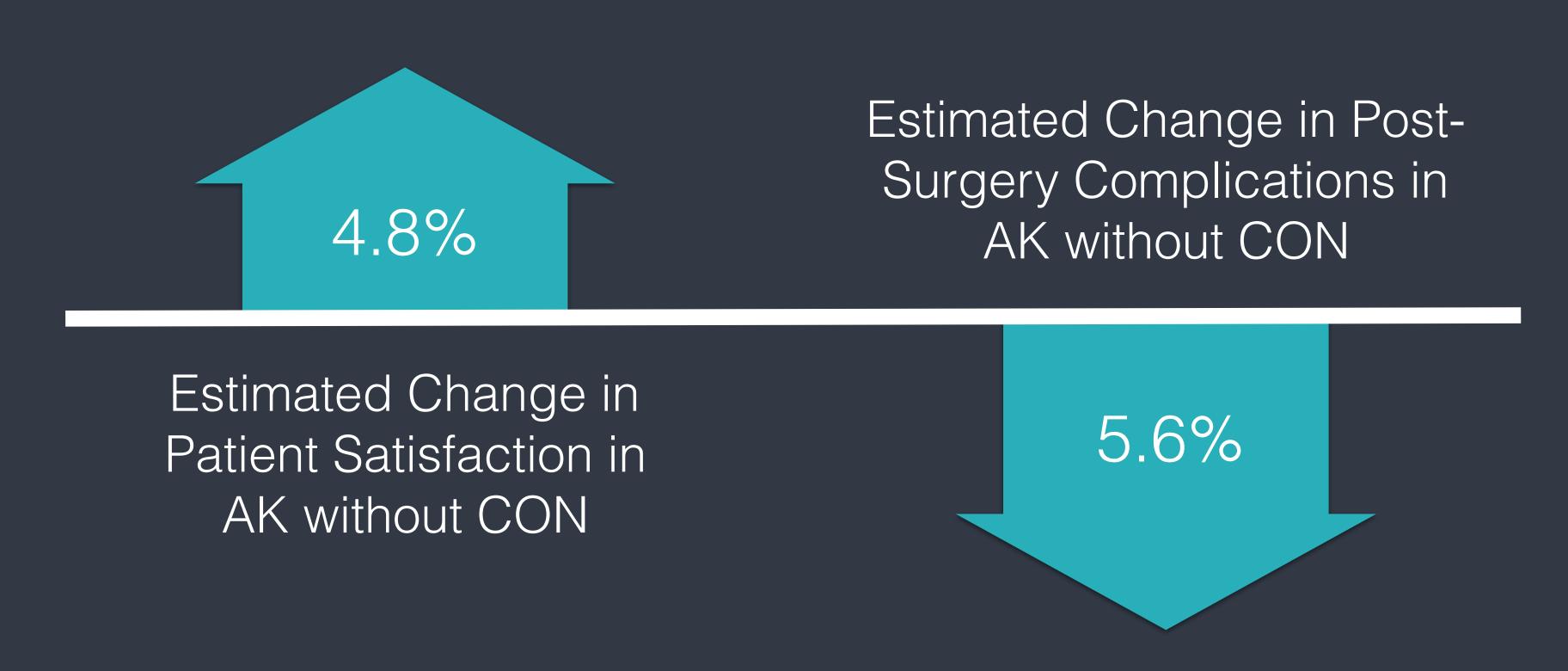
Promote high quality HC?

Estimated readmission rates in AK





Promote high quality HC?





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#### THE STATED GOALS OF CON LAWS

Ensure an adequate supply of HC Ensure rural access to HC

Promote high quality HC

Promote charity care



Promote charity care?

No evidence of higher rates of charity care (Stratmann and Russ, 2014)

Greater racial disparity in the provision of services (DeLia et al., 2009)



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#### THE STATED GOALS OF CON LAWS

Ensure an adequate supply of HC

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Promote high quality HC

Promote charity care

Encourage hospital substitutes



Encourage hospital substitutes?

Ambulatory Surgery Center (ASC)-specific CON states have 14% fewer ASCs per capita (Stratmann and Koopman, 2016)

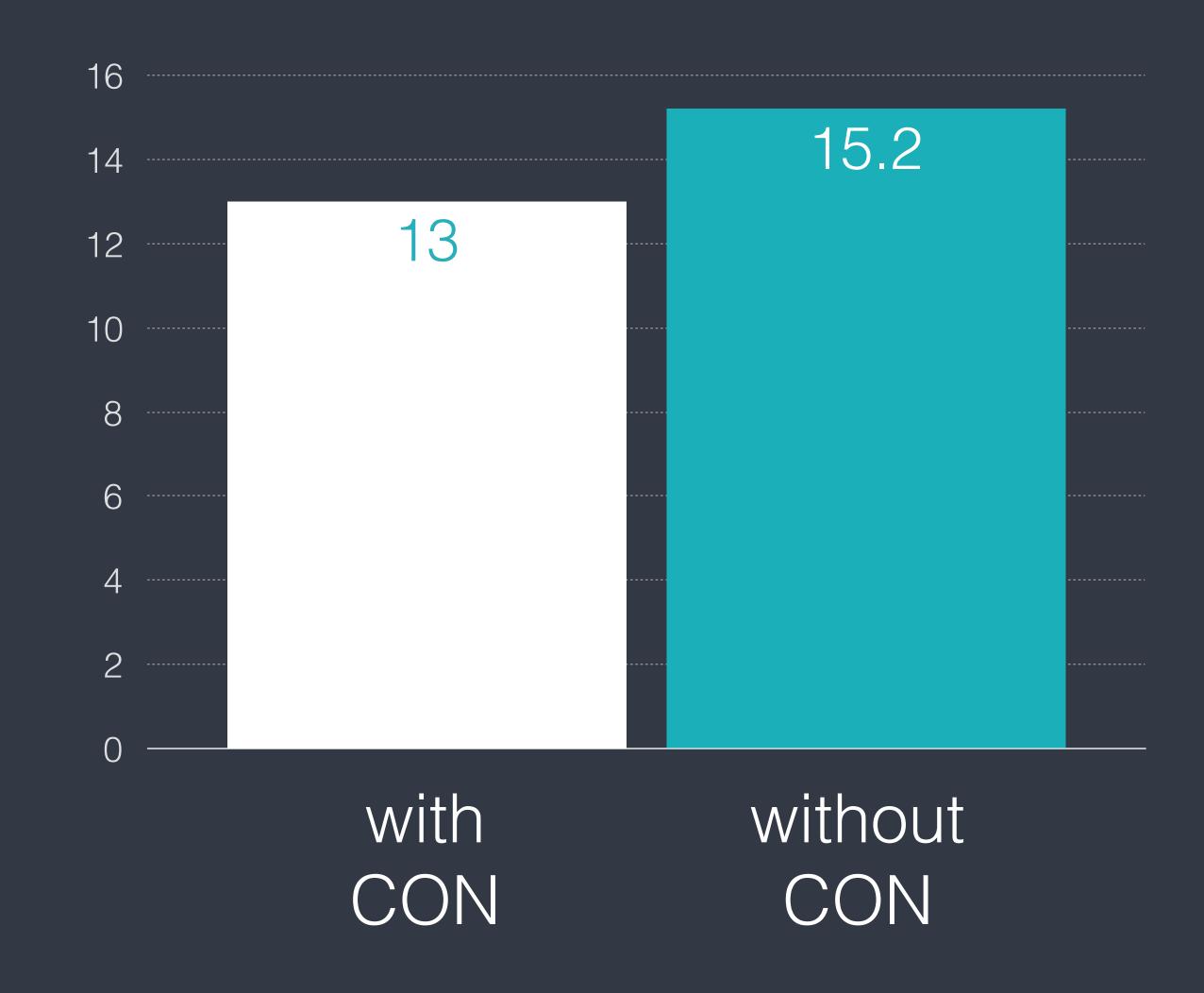
ASC-specific CON states have 13% fewer rural ASCs per capita (Stratmann and Koopman, 2016)

CON limits use of *new* hospitals and *non*-hospital providers, but not existing hospitals (Stratmann and Baker, 2017)



Encourage hospital substitutes?

Estimated number of AK ASCs without CON





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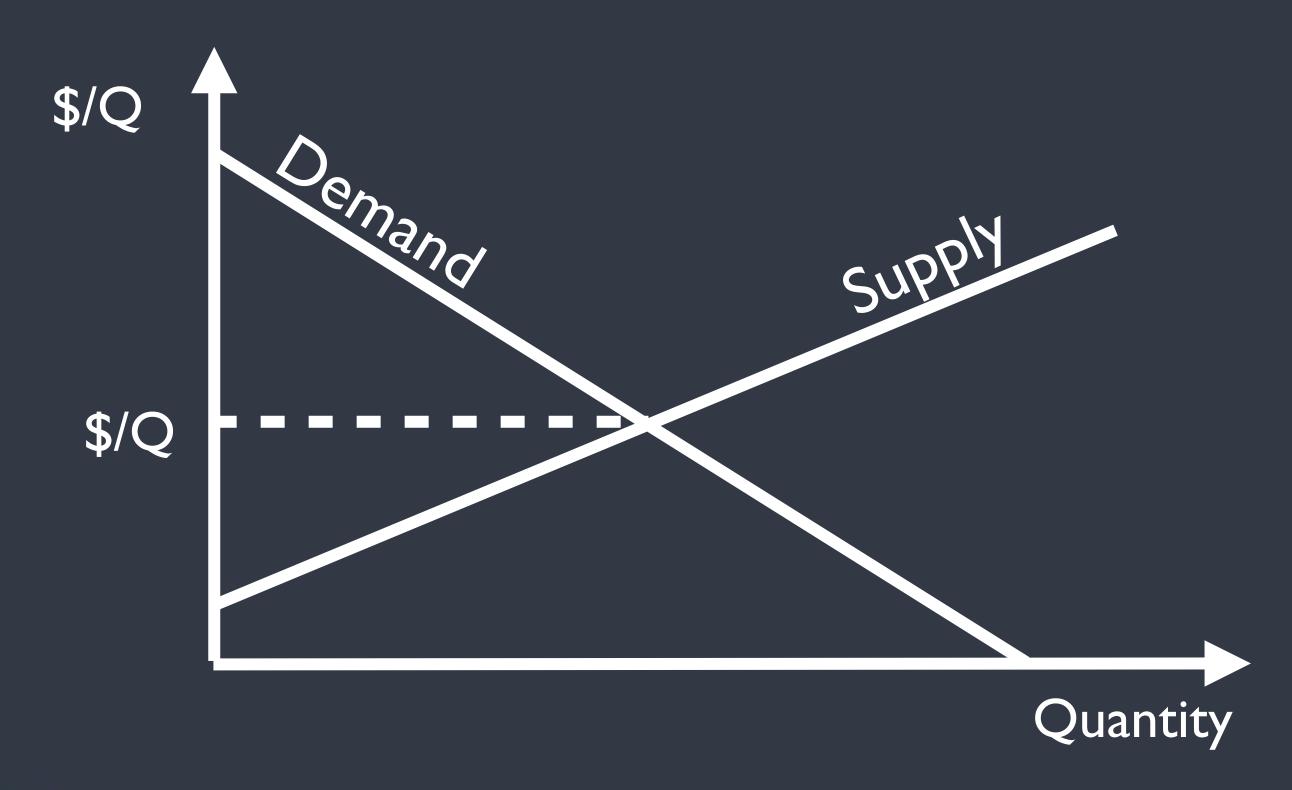
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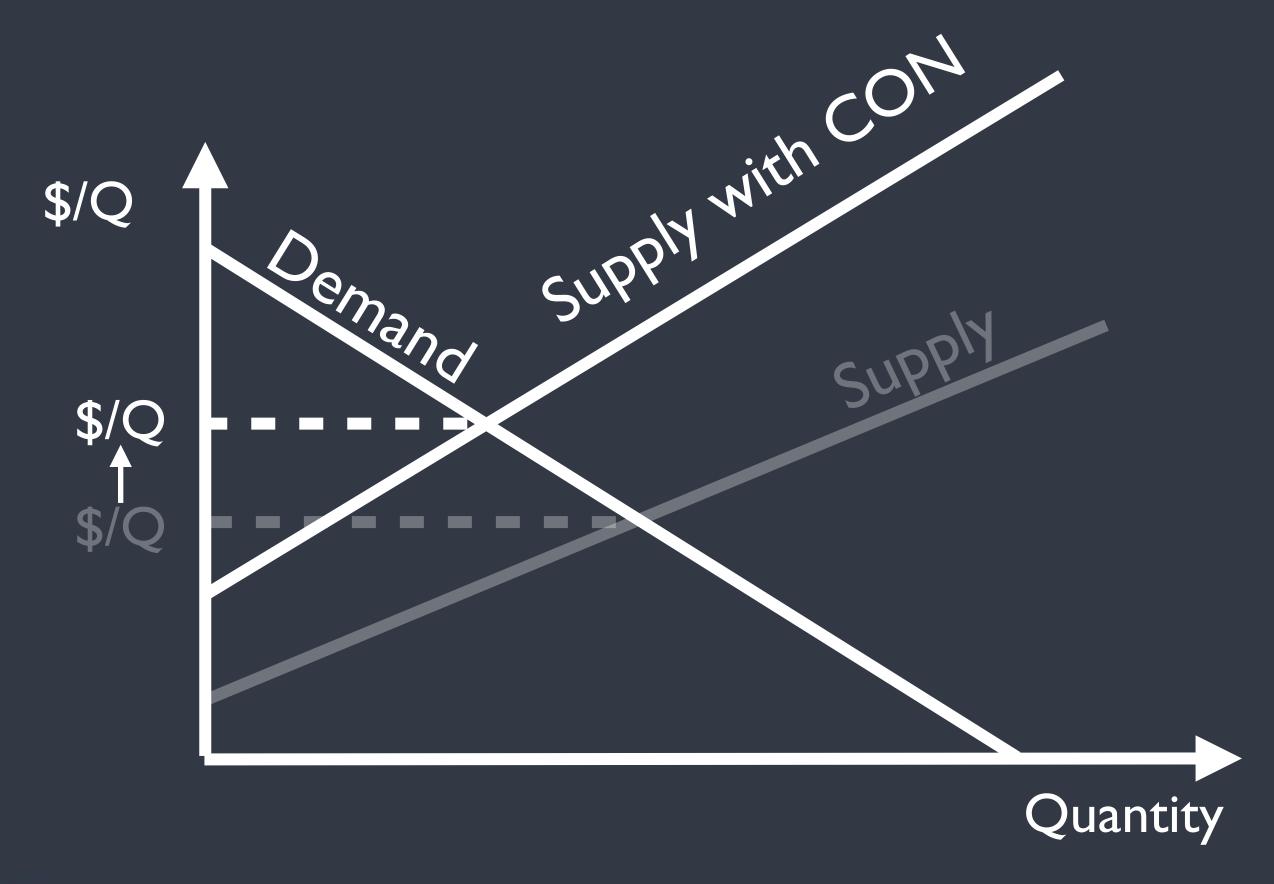
Restrain the cost of care



Restrain the cost of care?

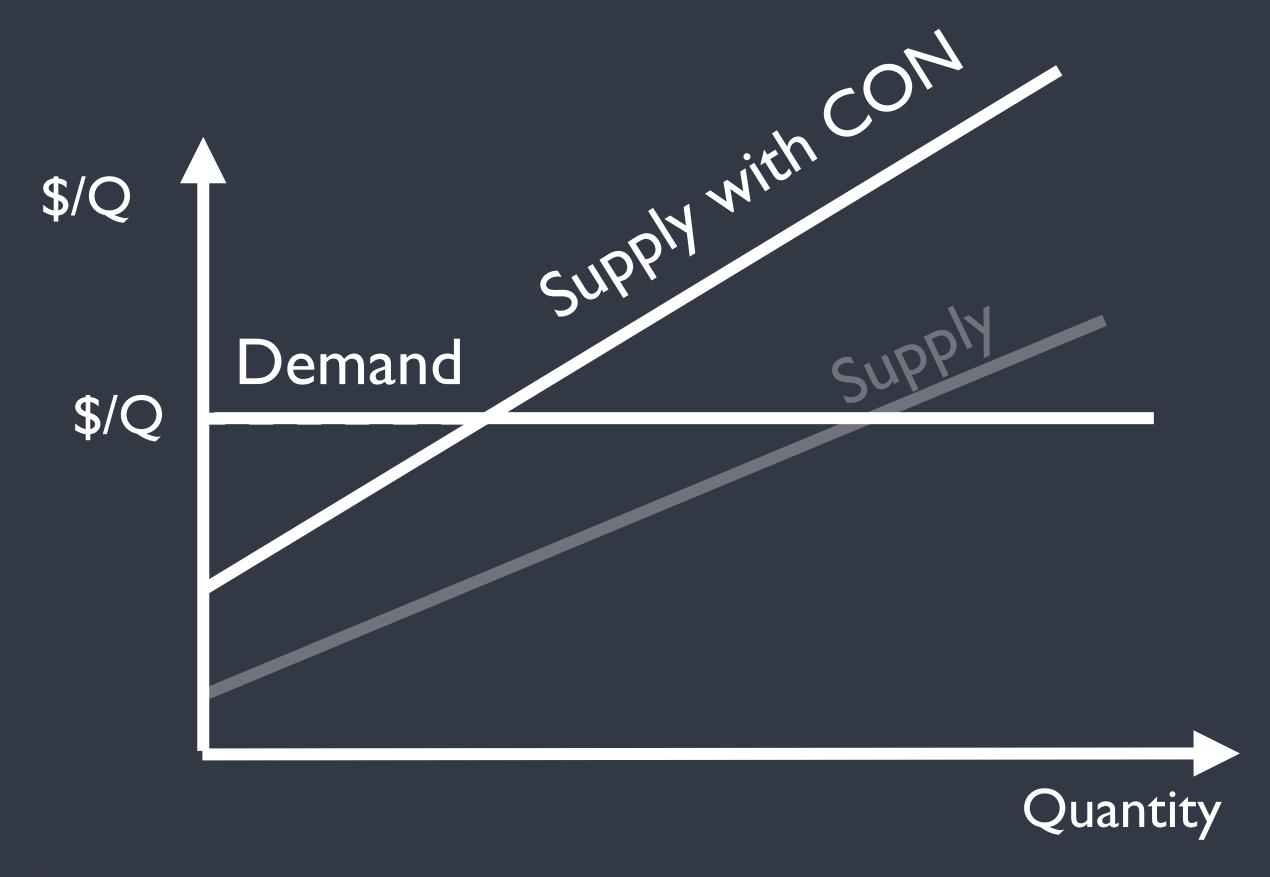


Restrain the cost of care?





Restrain the cost of care when demand is elastic?





#### Do Certificate-of-Need Laws Limit Spending?

Matthew D. Mitchell

September 2016

MERCATUS WORKING PAPER





#### Do Certificate-of-Need Laws Limit Spending?

Matthew D. Mitchell

September 2016

MERCATUS WORKING PAPER



- 20 peer-reviewed academic studies
- CON laws work as economic theory predicts
- They fail to achieve their stated goal of cost reduction
- CON laws are associated with higher per unit costs
- CON laws are associated with higher total expenditures



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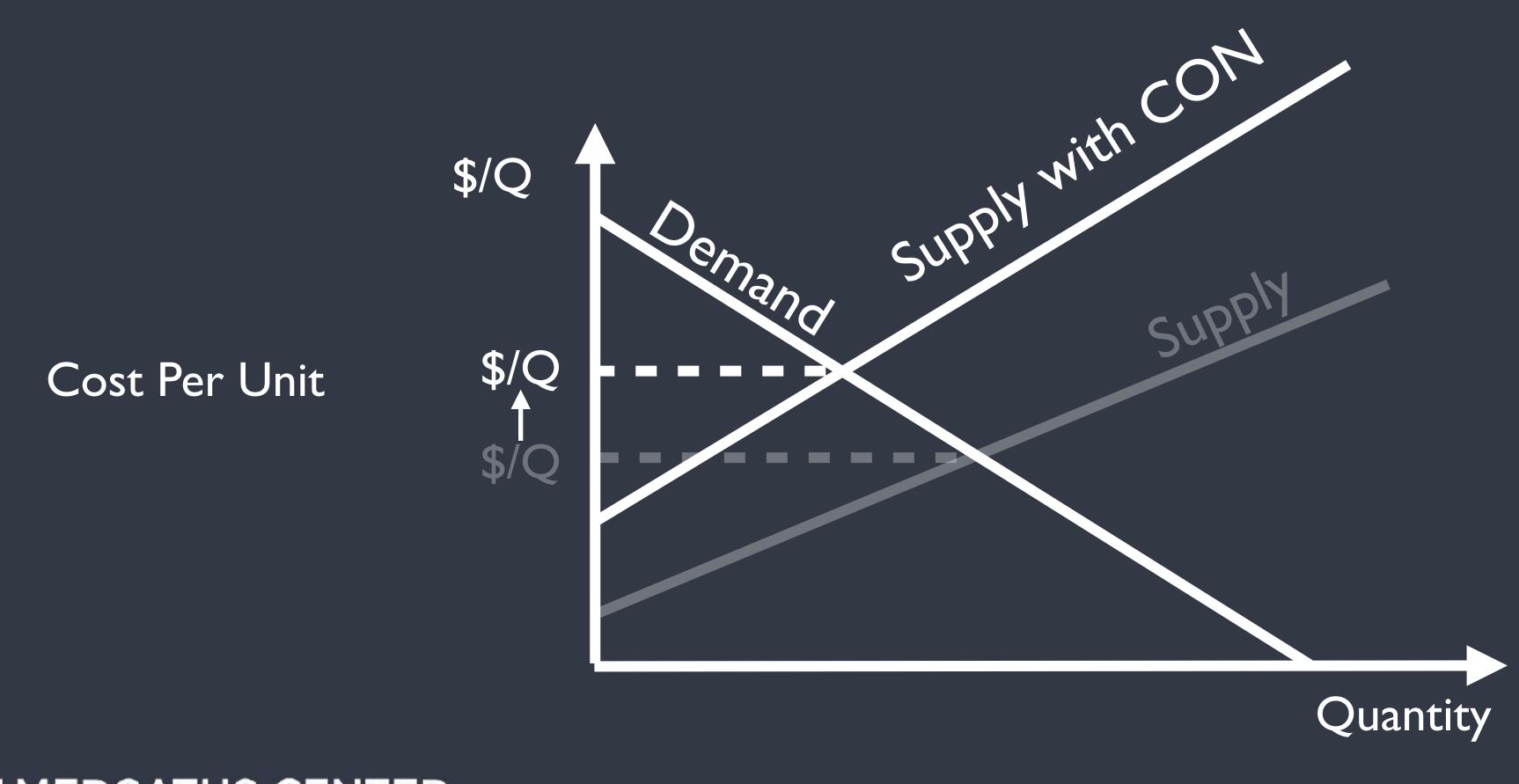
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## Appendix

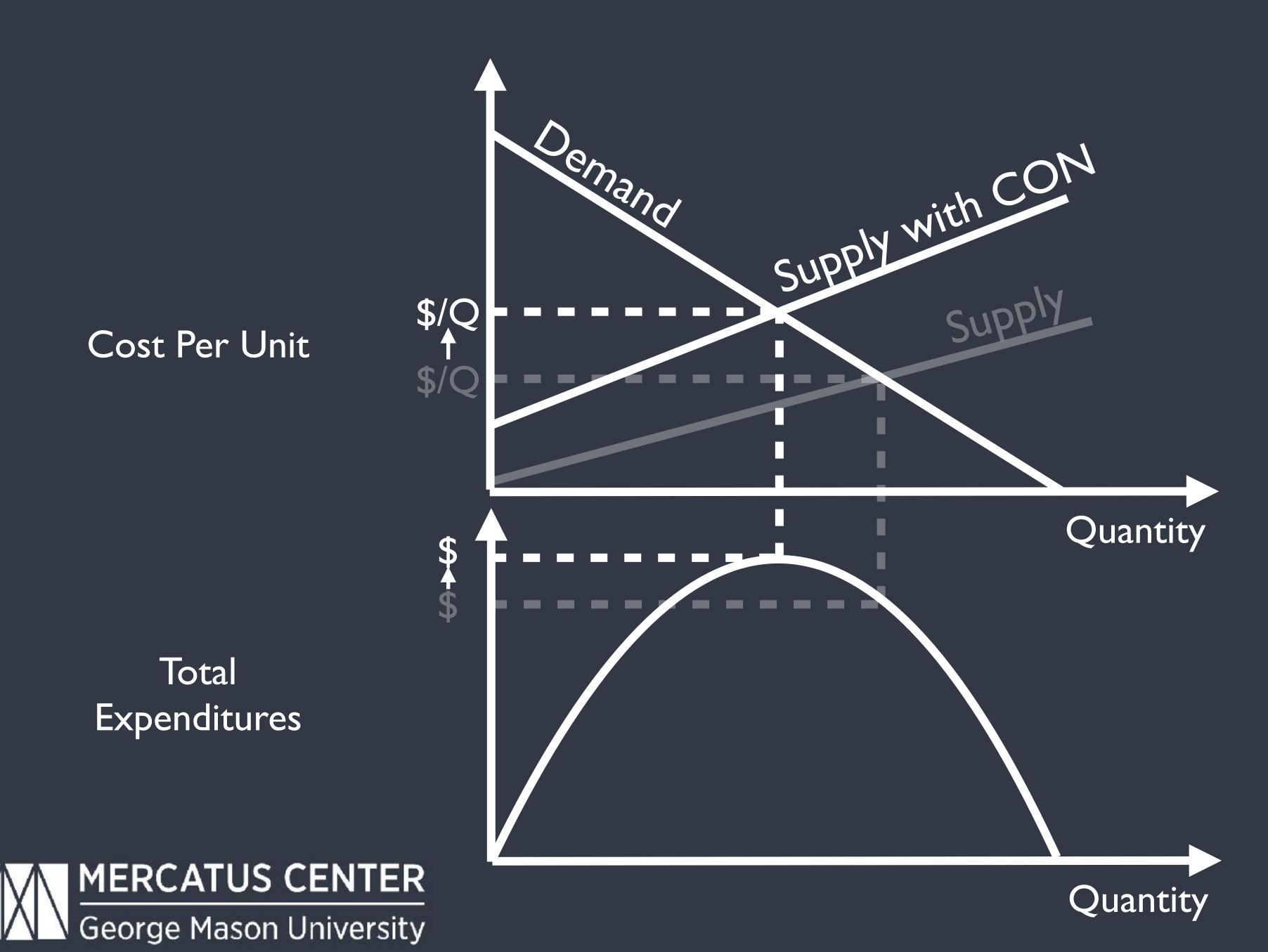


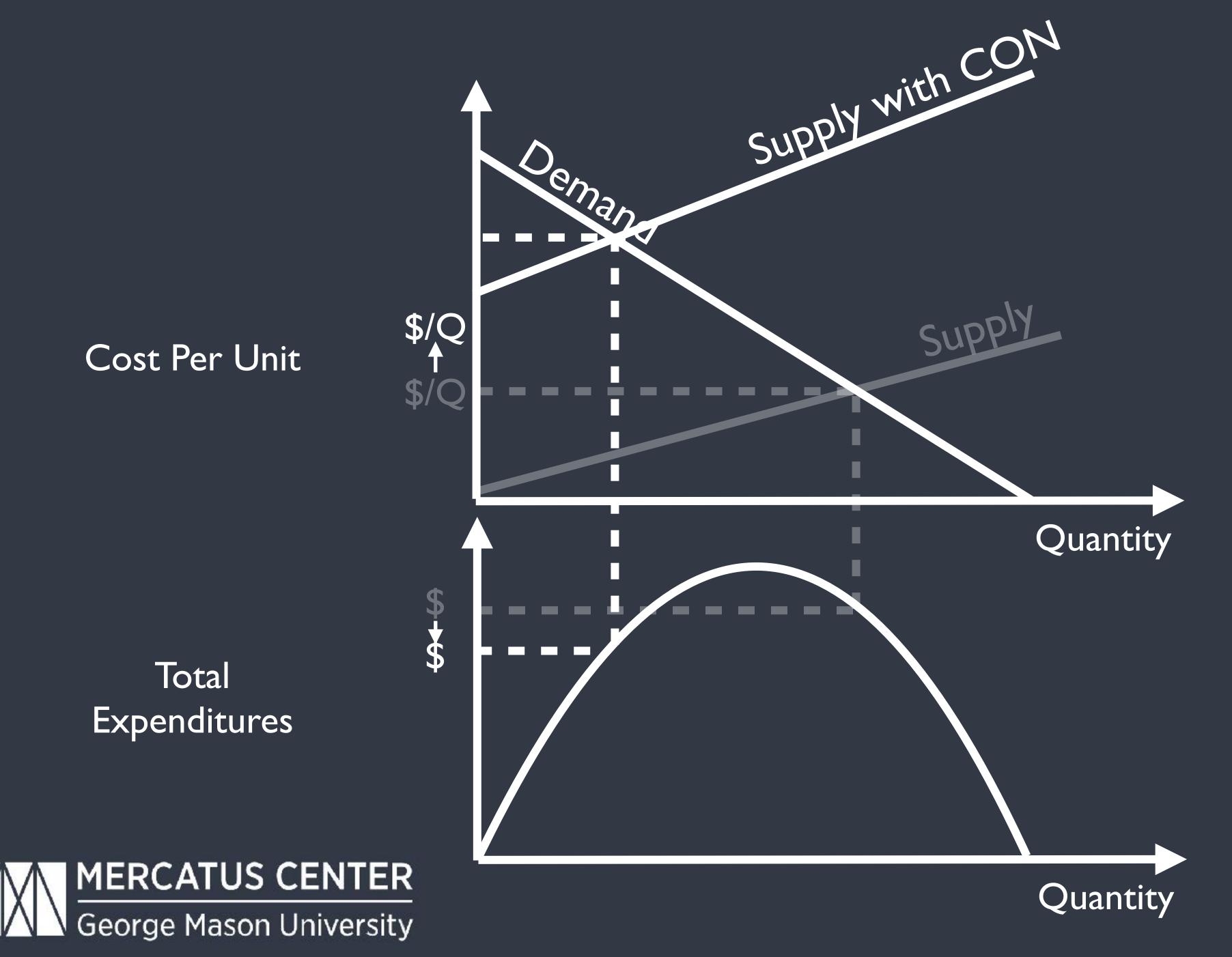
## WHY WOULD ANYONE THINK CON LAWS

Restrain the cost of care?









Restrain the cost of care?

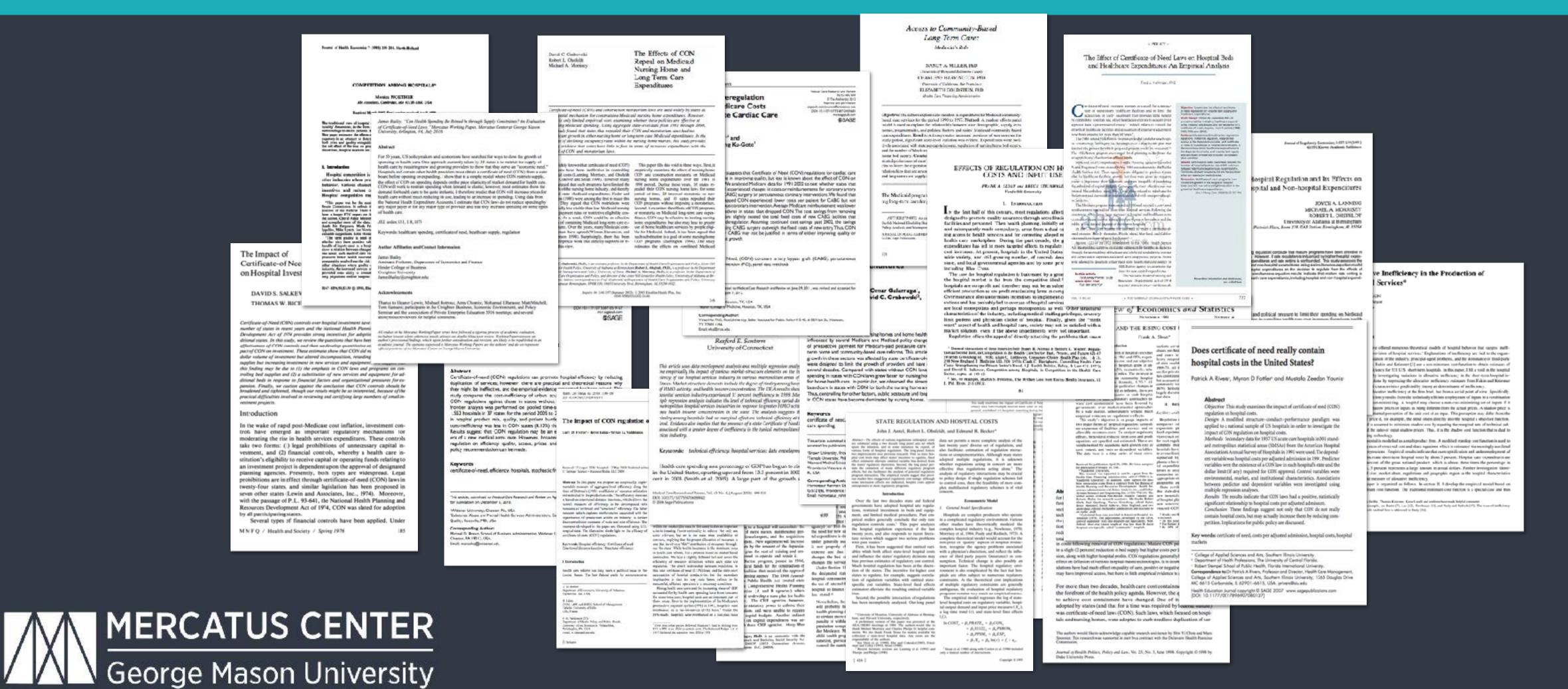
decades of research

20 studies

A peer reviewed



#### Restrain the cost of care?



#### Per unit cost









3 studies: CON associated with higher cost

1 study: No detected effect on Medicaid costs

## Per patient expenditure



7 studies: CON increases expenditures

2 studies: No statistically significant effect

2 studies: Increases some expenditures and reduces others

1 study: Reduces the number of beds



# THE REALITY OF CON LAWS Hospital Efficiency



2 studies: CON increases some measures of efficiency

1 study: CON has no effect on efficiency

1 study: CON reduces efficiency



#### Investment





1 study: CON fails to reduce investment but changes its composition

1 study: CON backfires, increasing investment

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