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Brookings Metropolitan Policy Program

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The Community Foundation for Greater New Haven April 19, 2018

1

Why inclusive economies matter

2

How disruption and demographic change create greater urgency

3

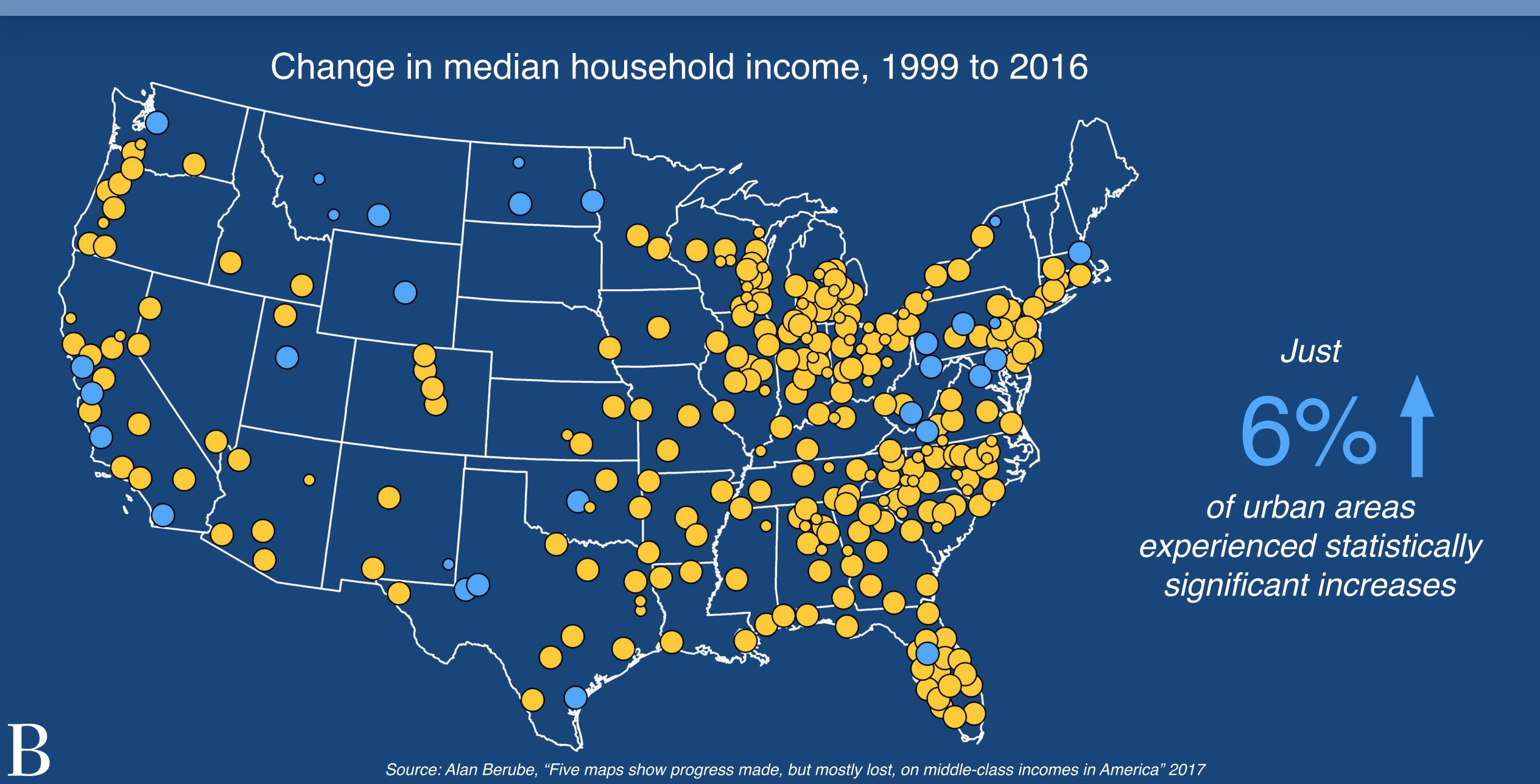
What leaders can do to advance inclusive growth

# 1

## Why inclusive economies matter



#### U.S. economic expansion isn't improving middle-class incomes in most cities



#### Components of economic success

GROWTH



Jobs
Output
Entrepreneurship

PROSPERITY



Productivity
Standard of Living
Average wage

INCLUSION



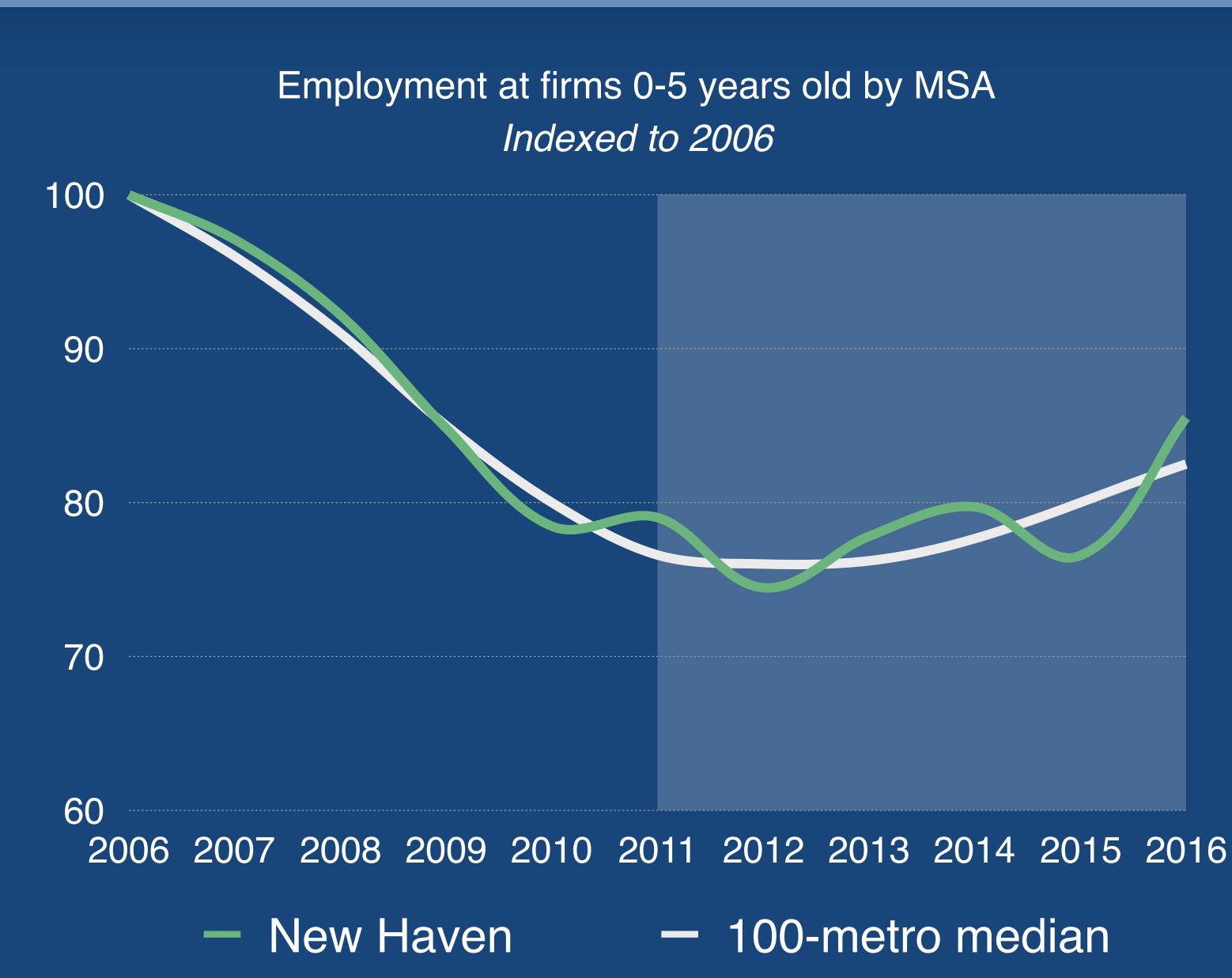
Employment rate

Median wage

Relative poverty rate

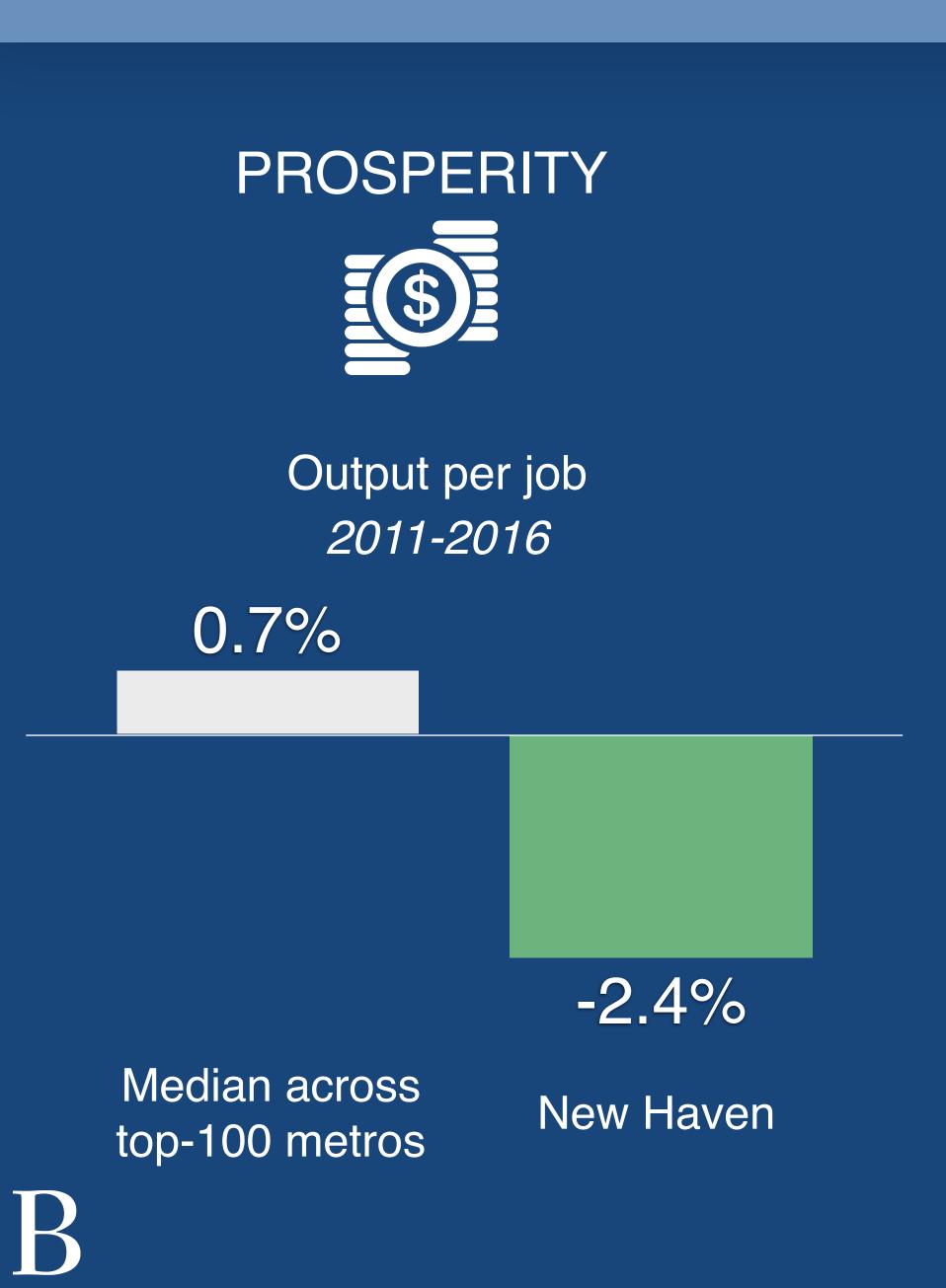
#### Jobs in young firms are growing in greater New Haven

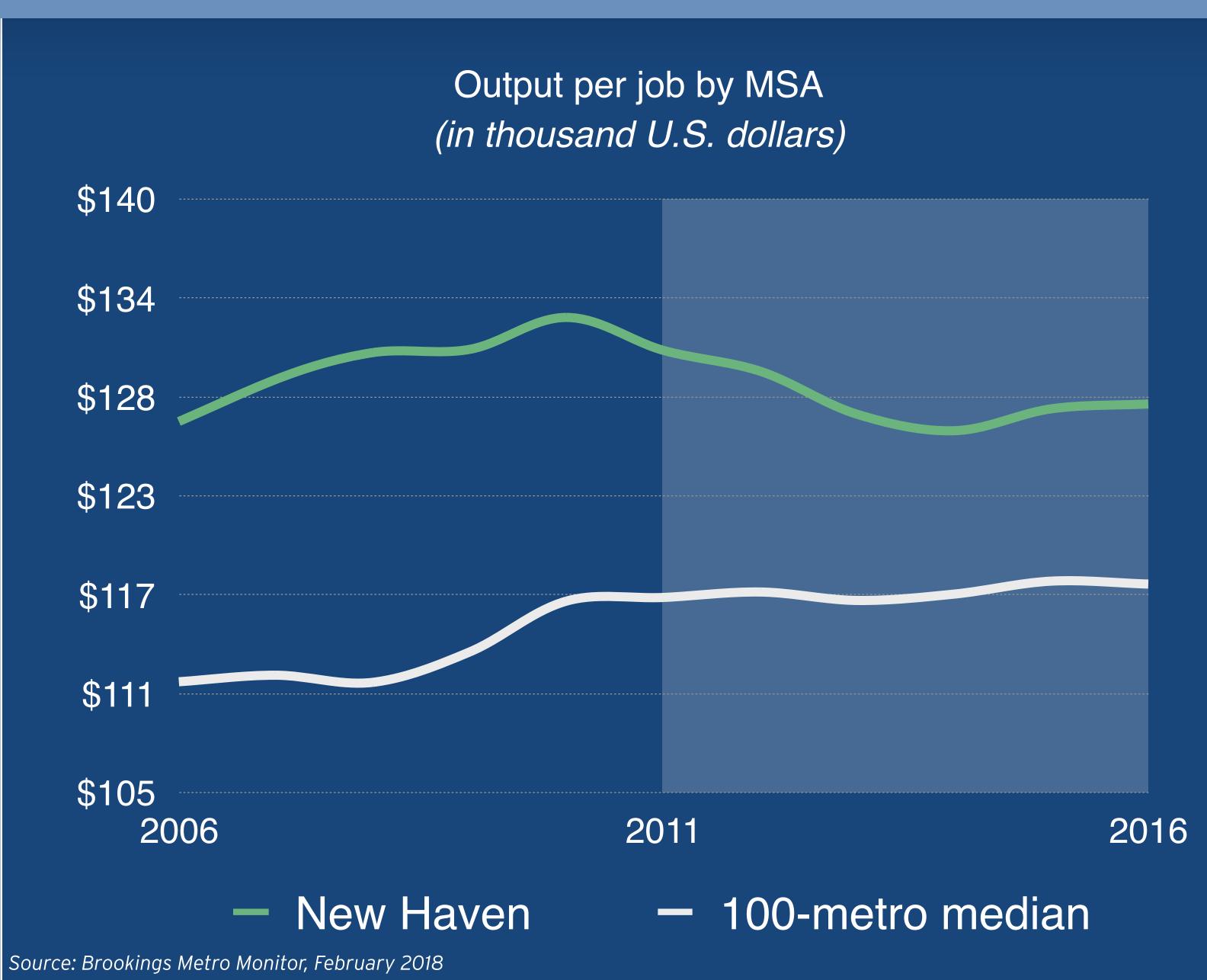




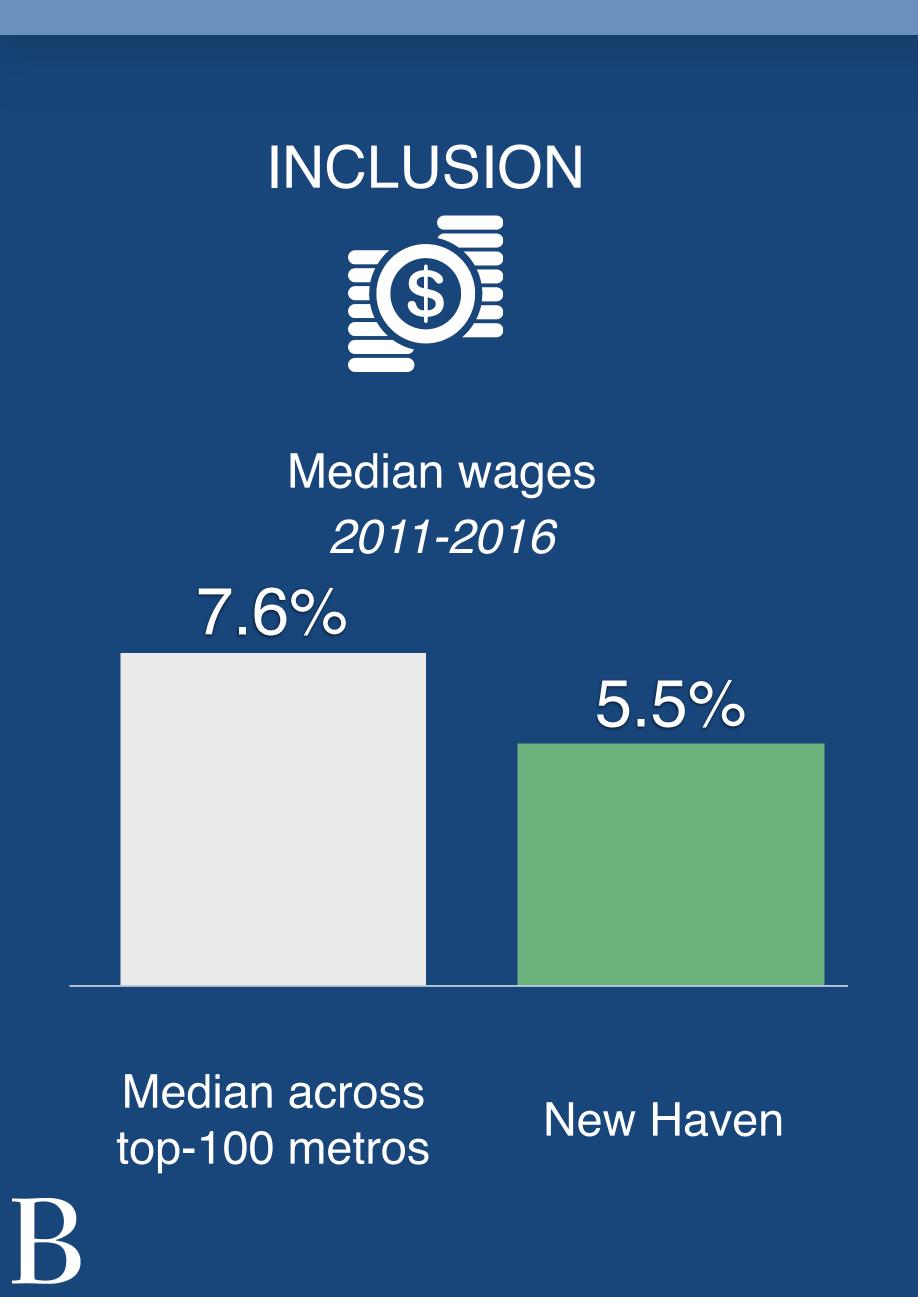
Source: Brookings Metro Monitor, February 2018

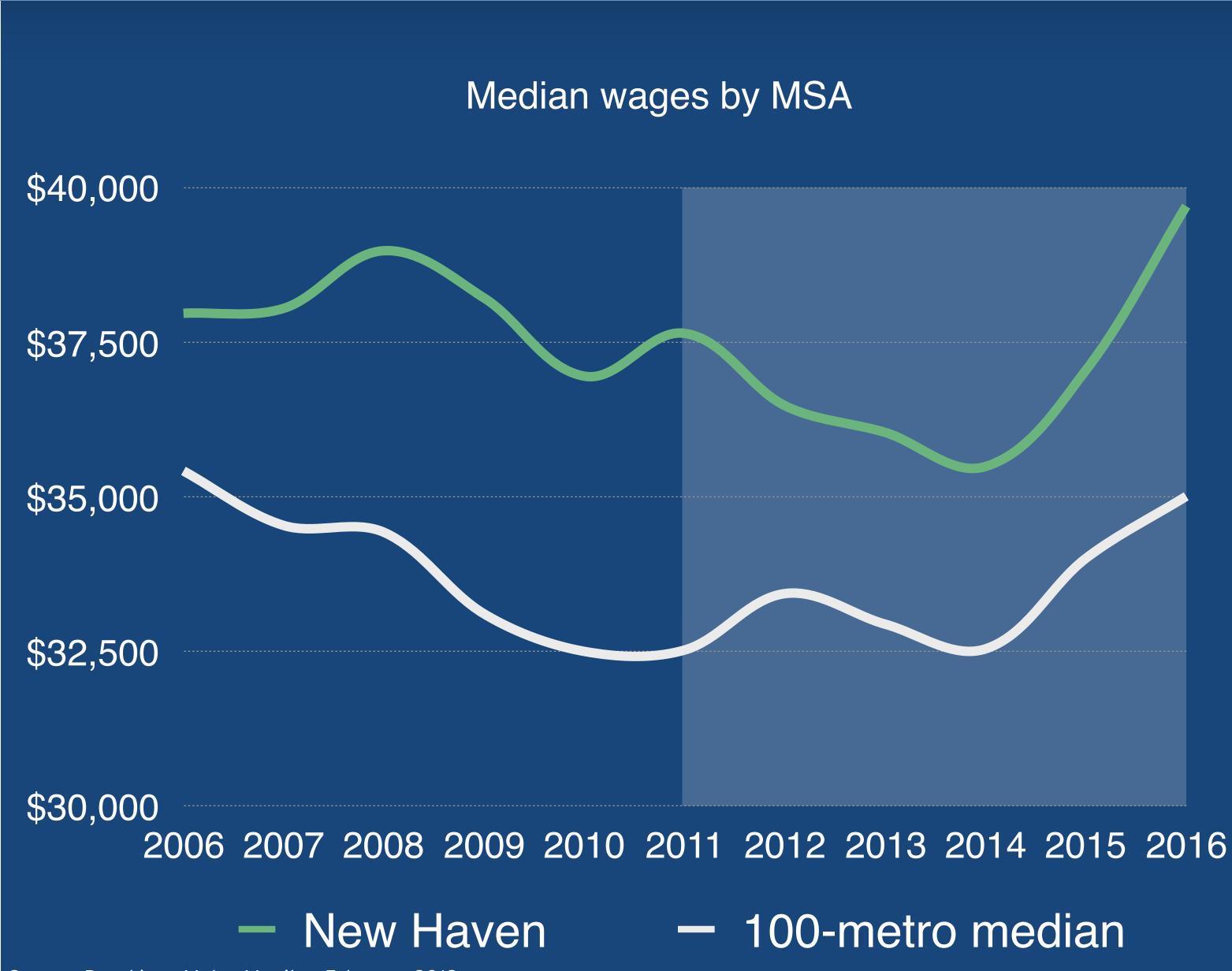
### Greater New Haven is less productive today than it was five years ago



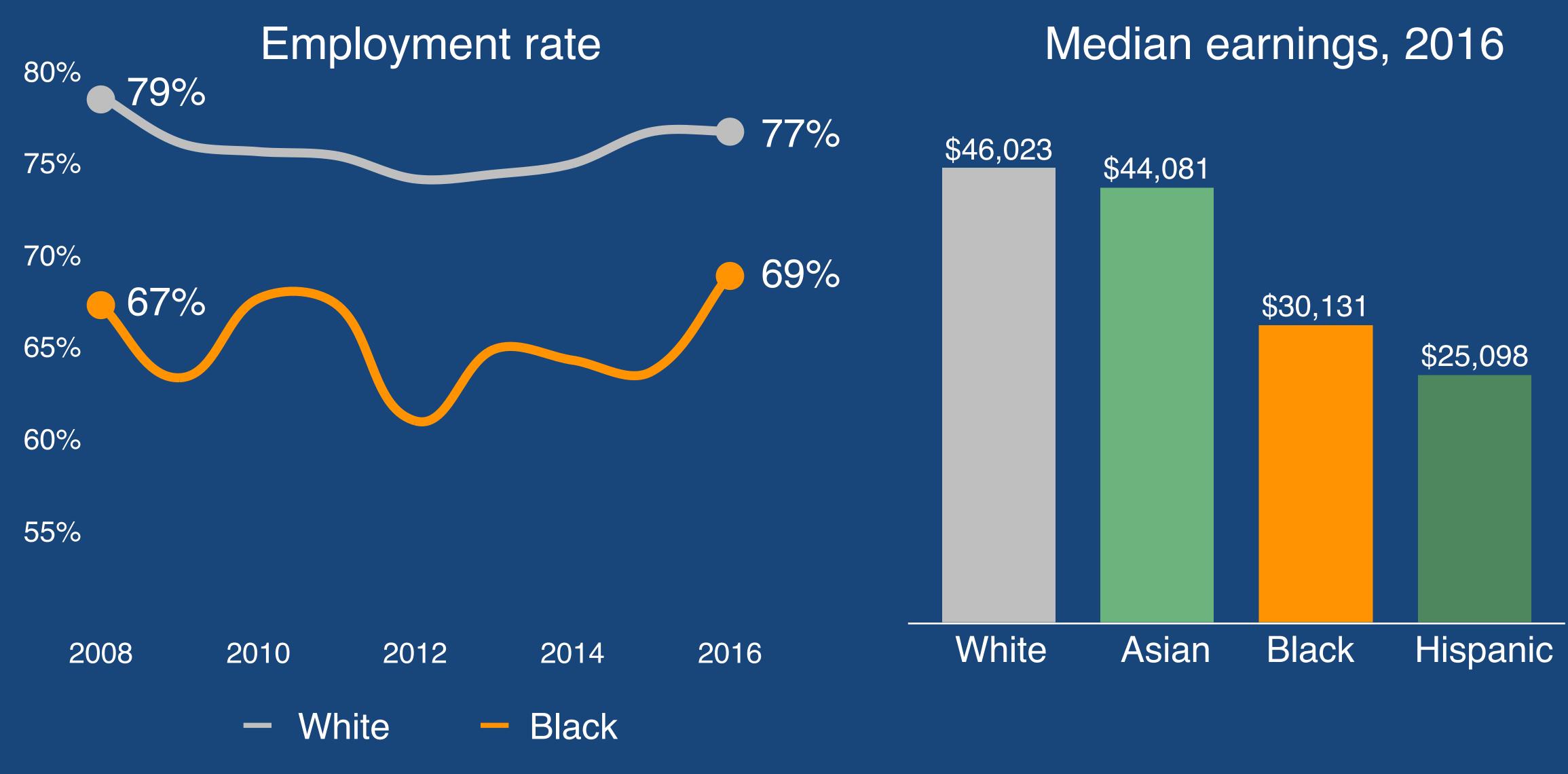


#### Median wages in New Haven are on the rise...





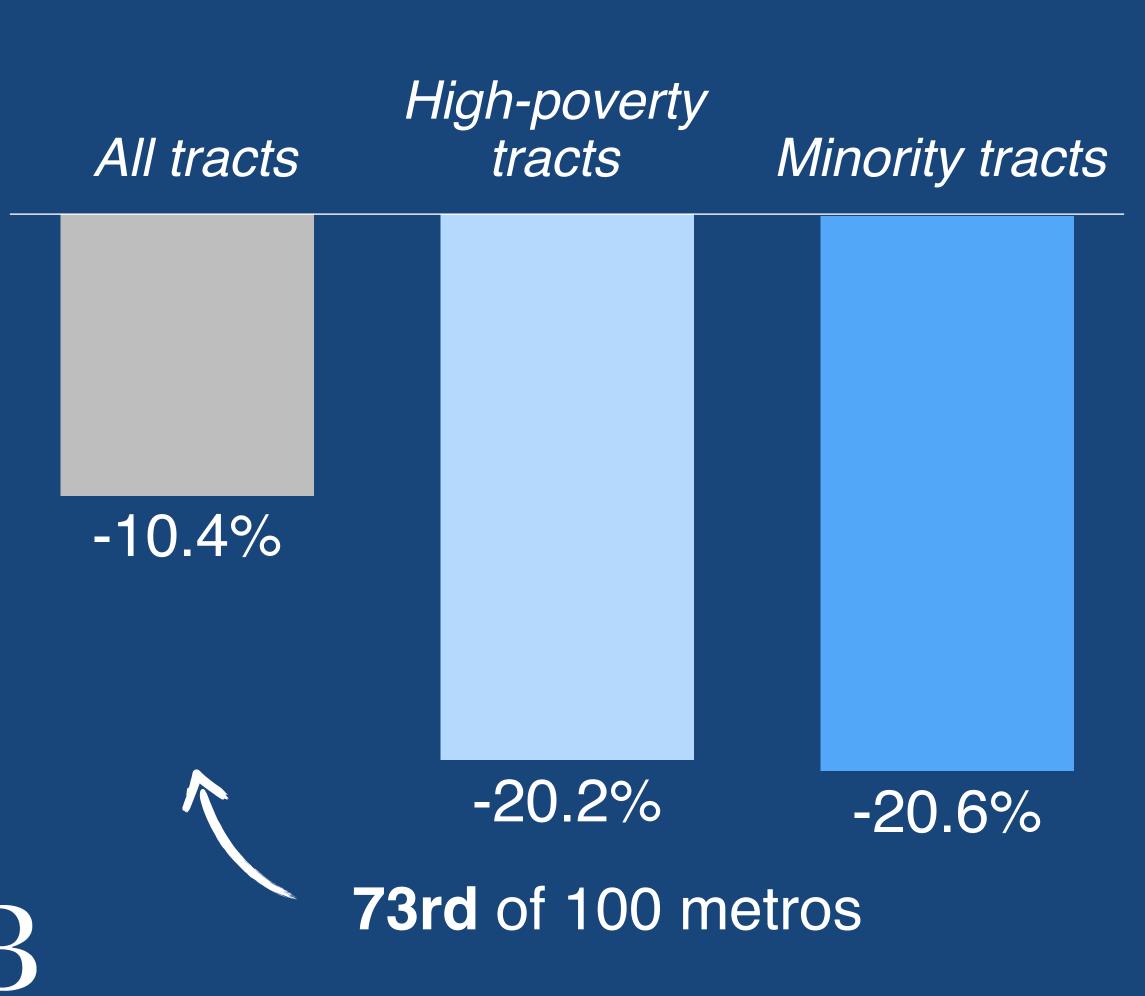
#### ...yet racial disparities on employment and earnings persist

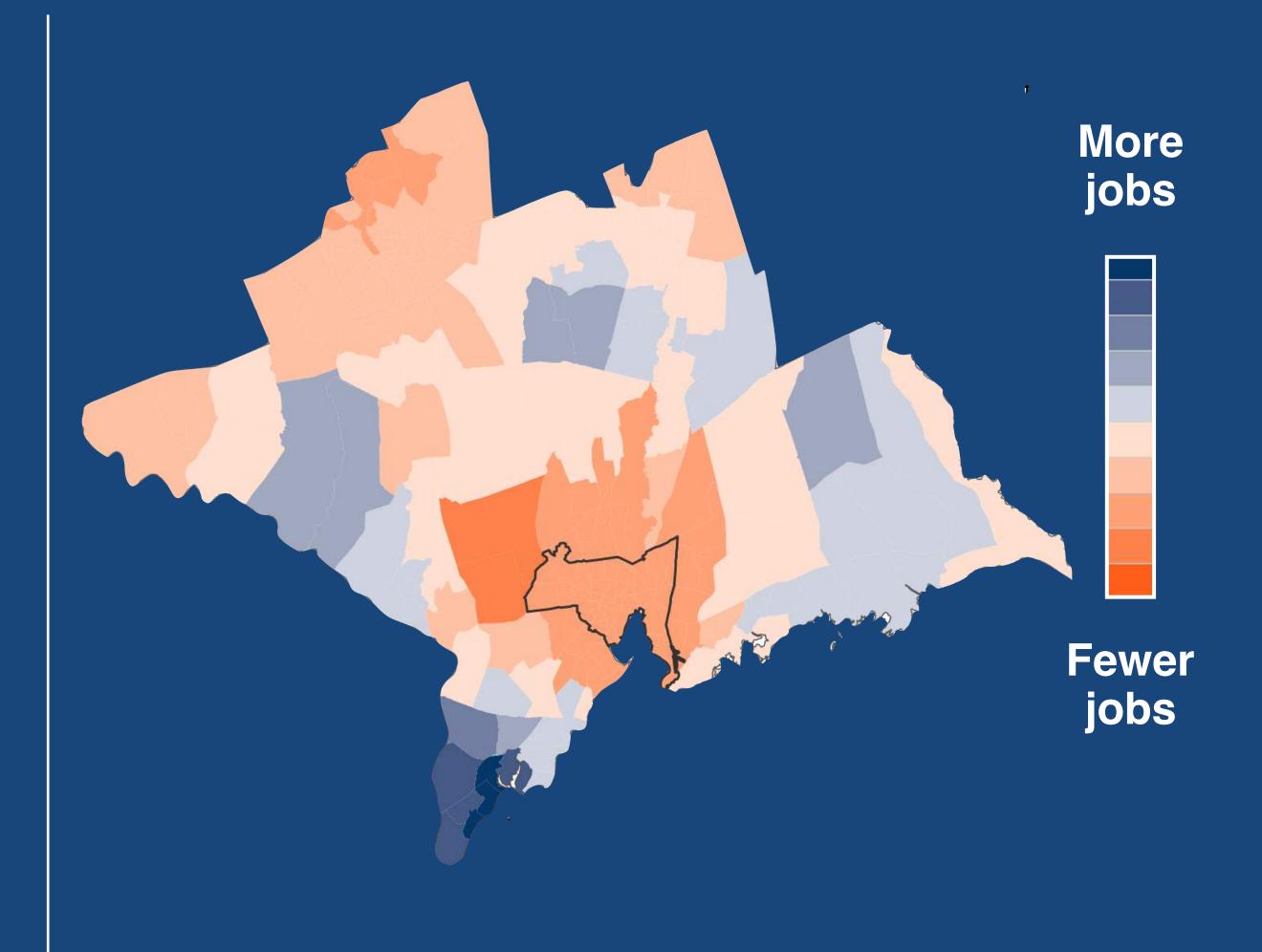


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### ... and fewer jobs are accessible to disadvantaged communities

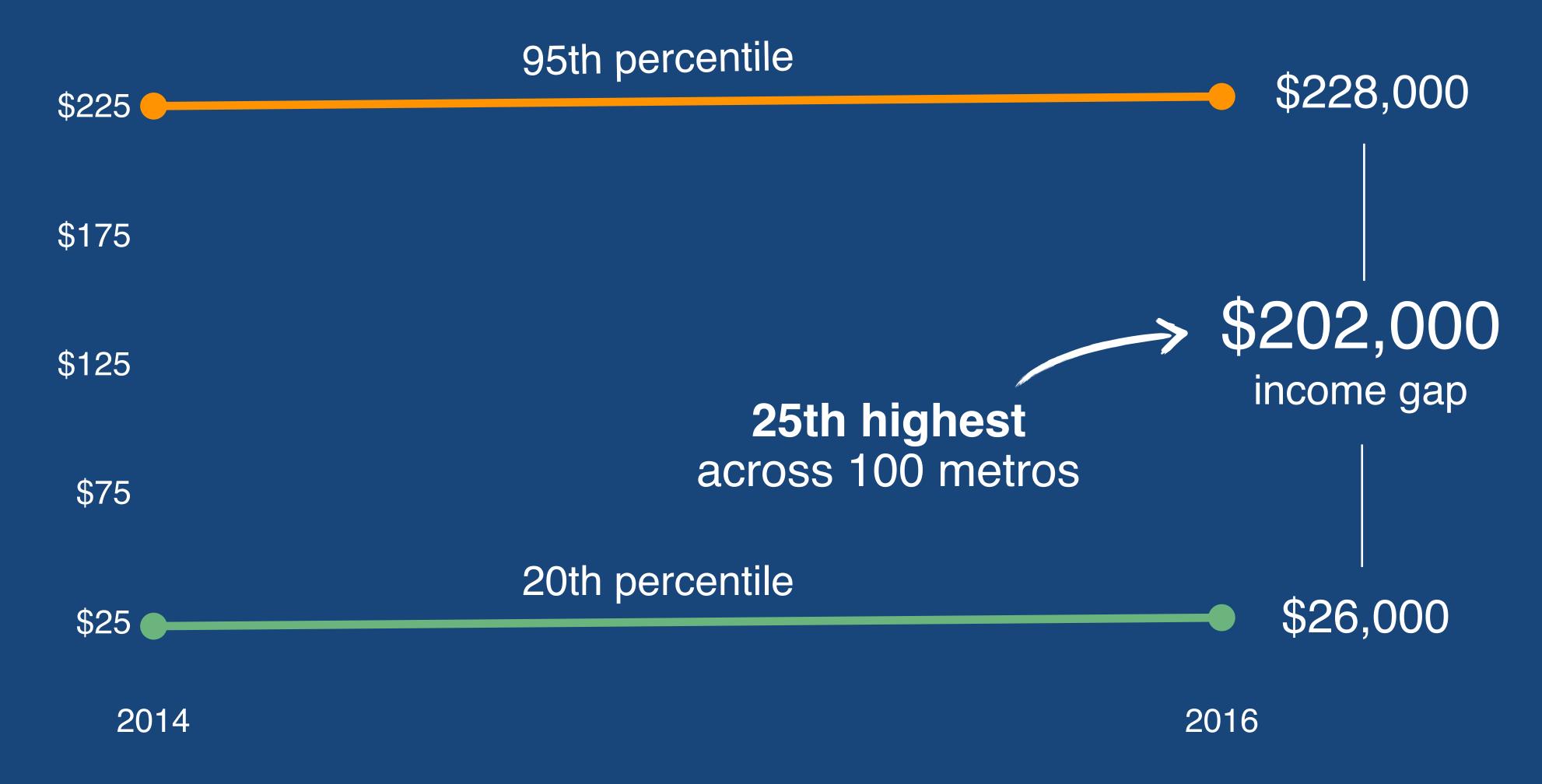
#### Change in number of jobs in New Haven MSA, 2000-2012



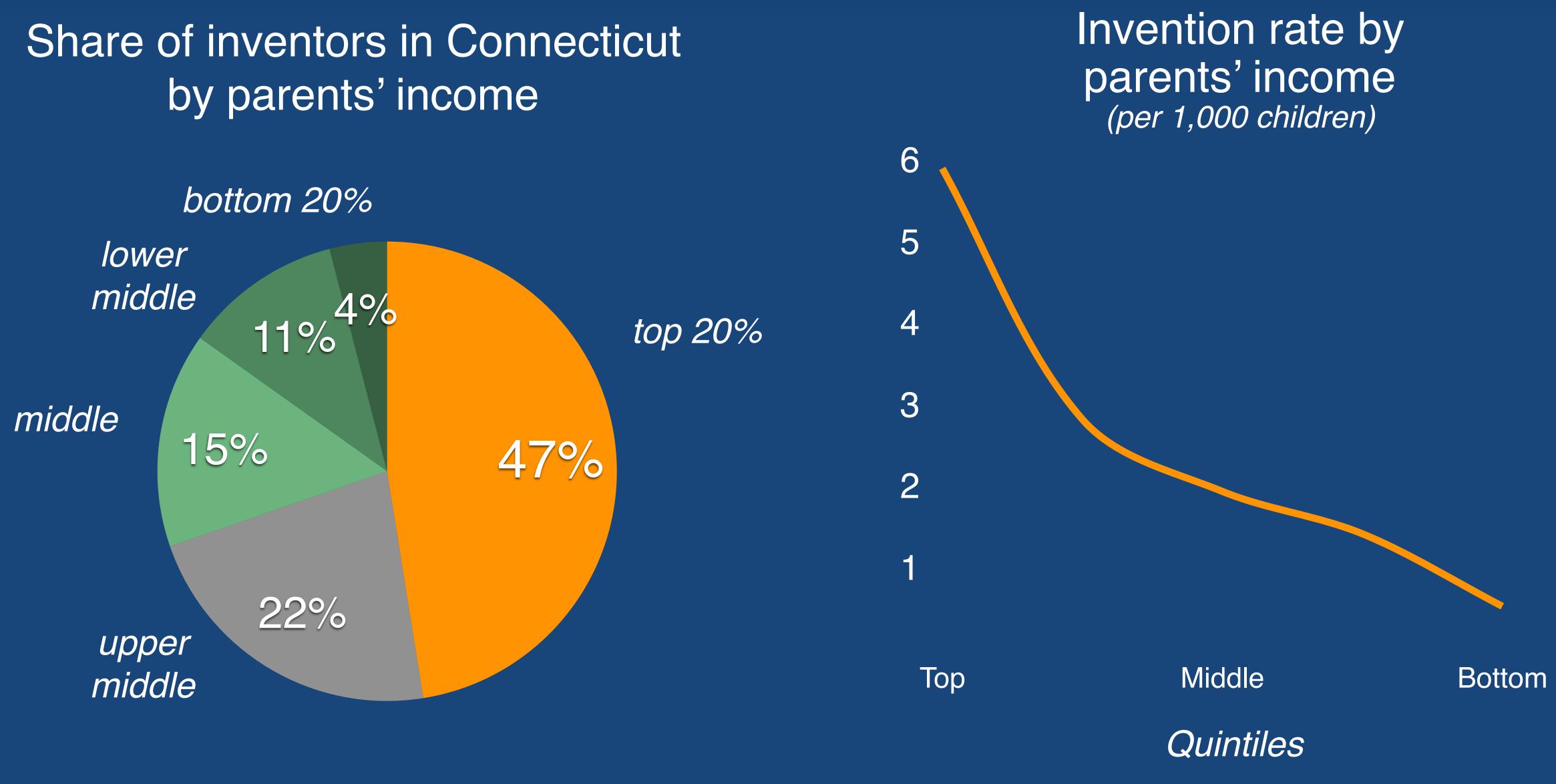


### High inequality in hampers entrepreneurship and invention

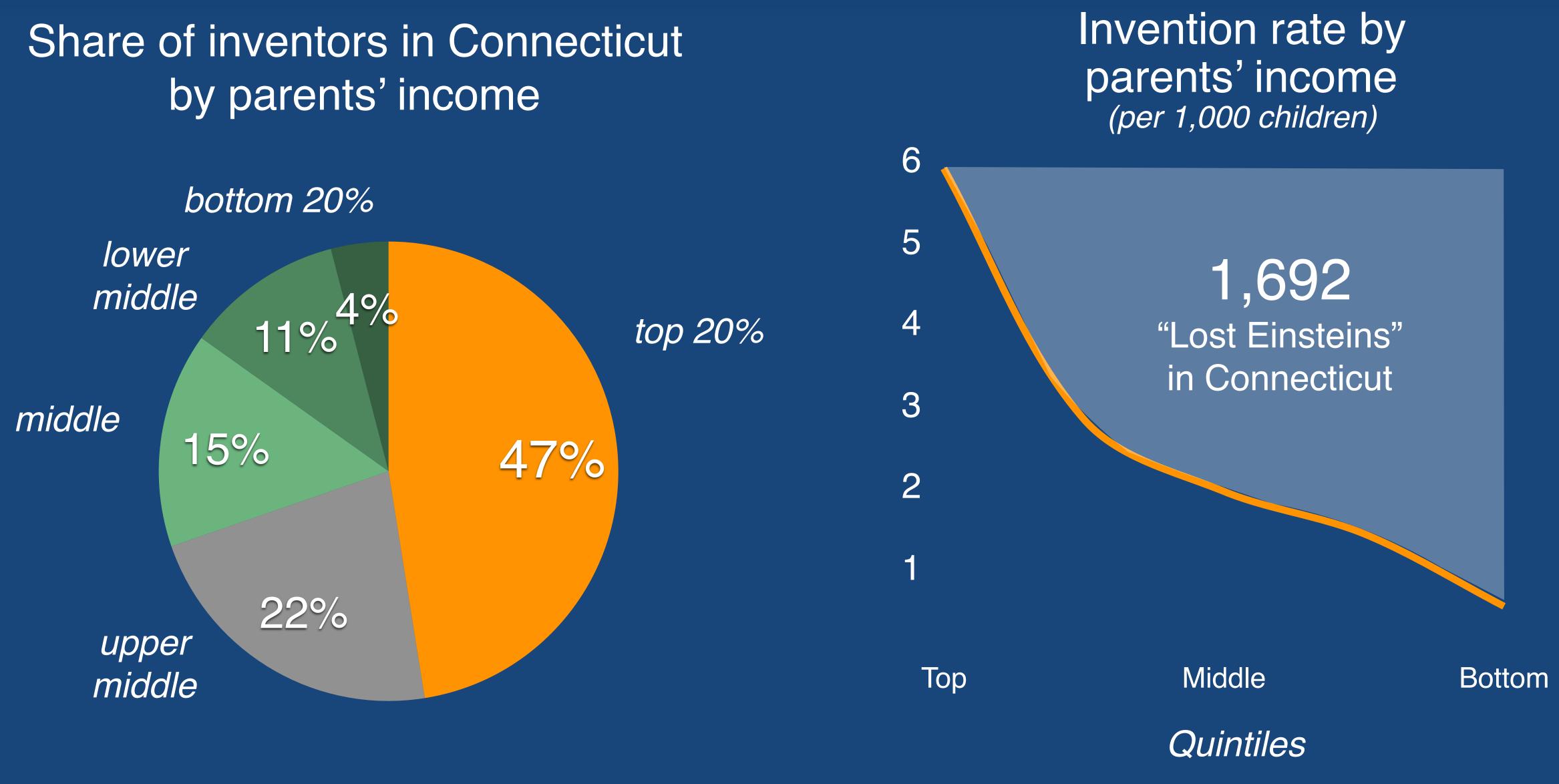
#### Household income in New Haven MSA



#### High inequality in hampers entrepreneurship and invention



### High inequality in hampers entrepreneurship and invention

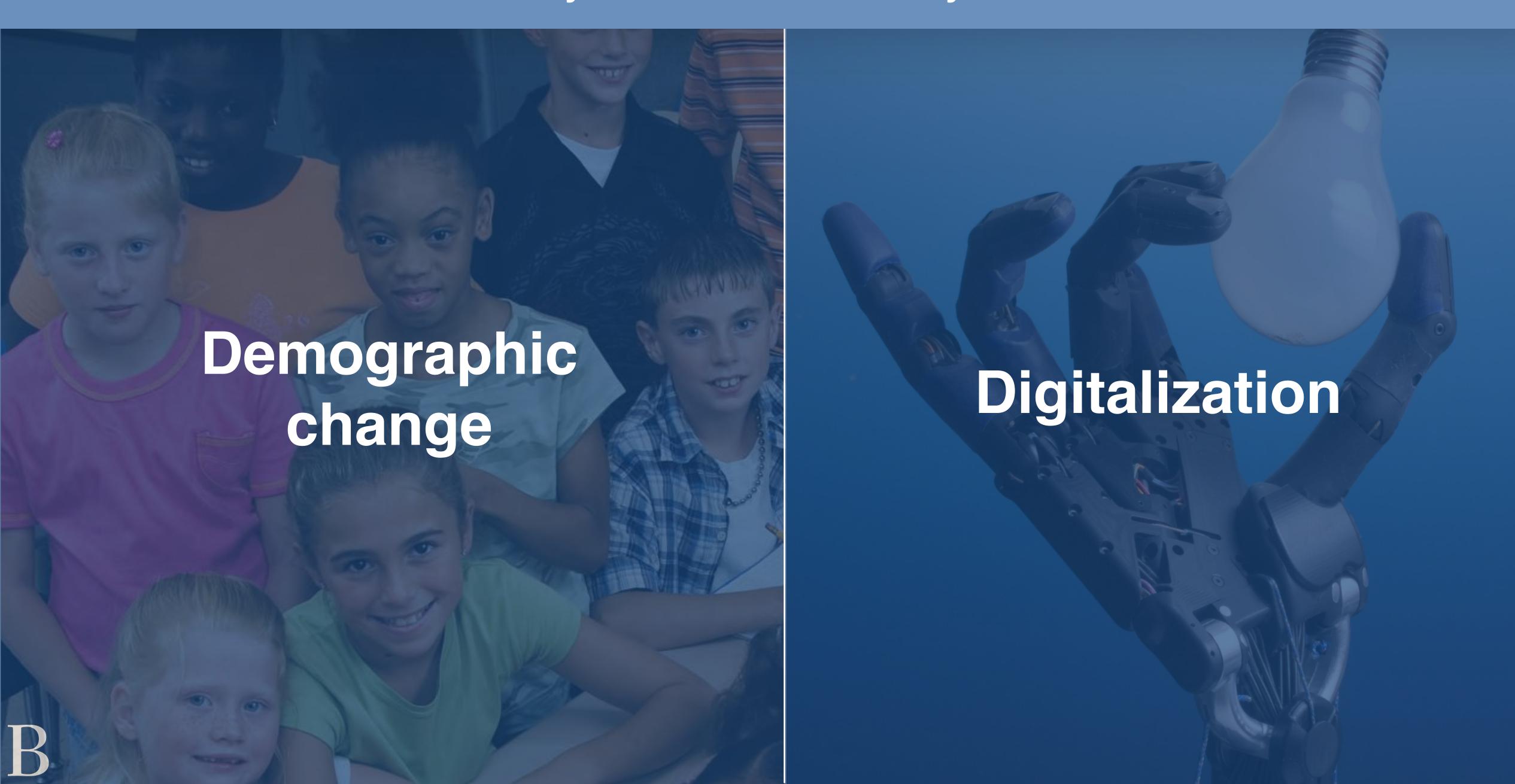


## 2

### How disruption and demographic change create greater urgency

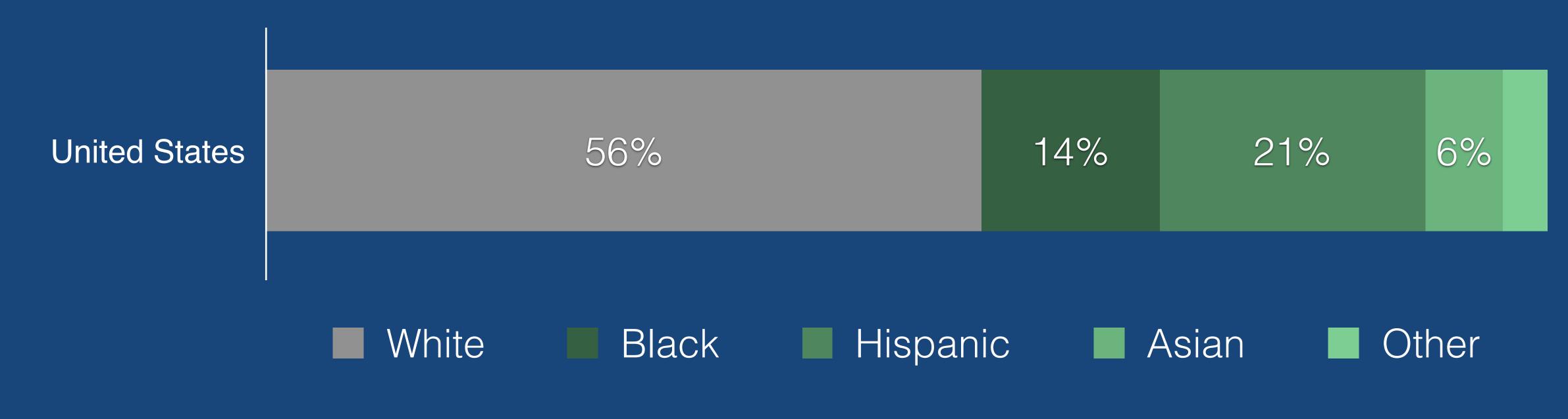


#### The modern economy will be defined by two structural forces



### Demographic change is transforming the workforce

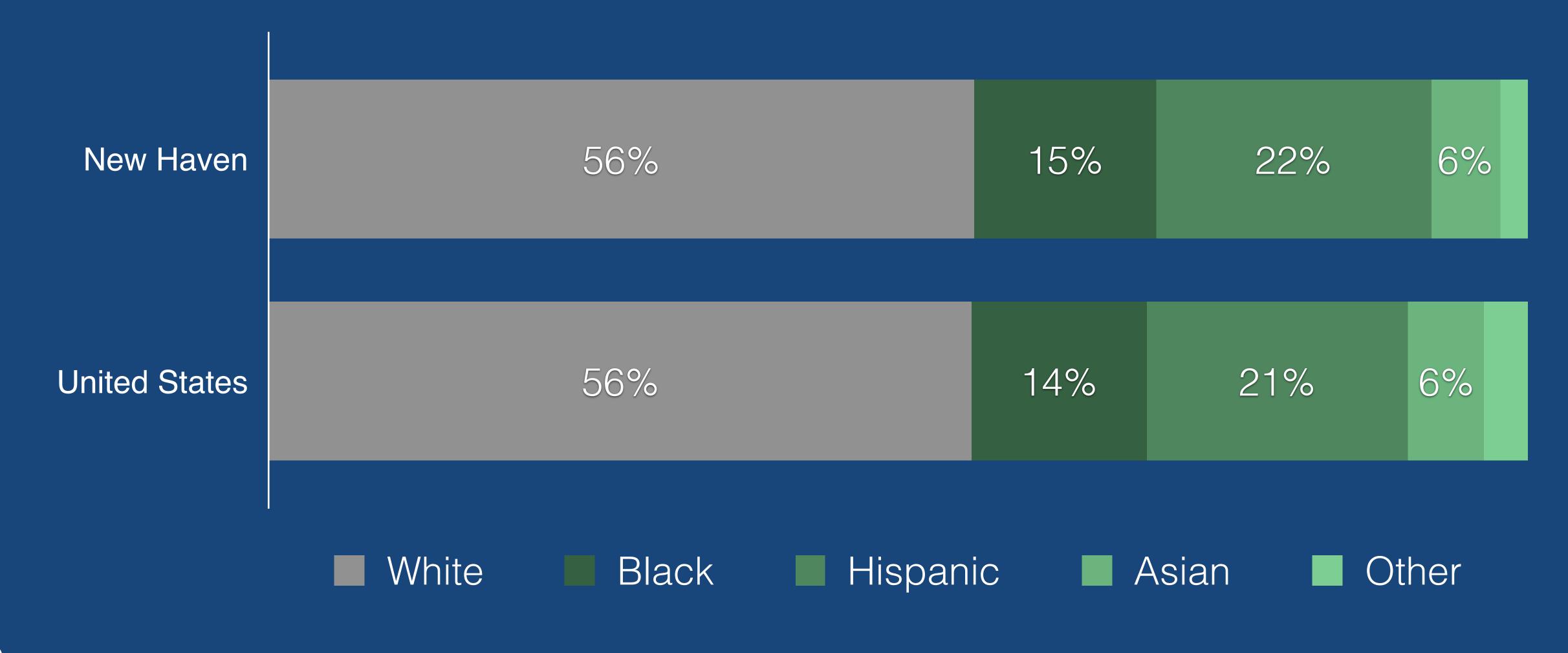
Race and ethnicity of the millennial generation (age 18-34), 2015



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#### Demographic change is transforming the workforce

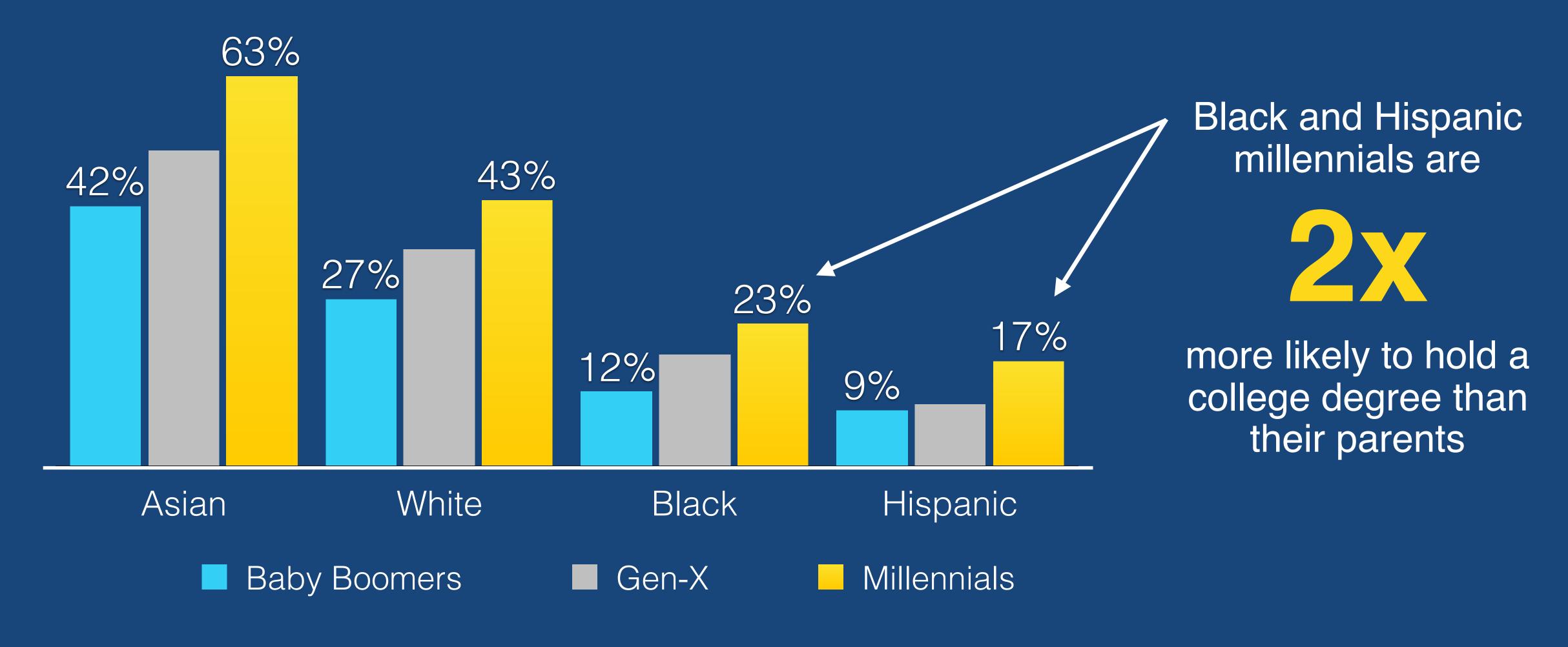
Race and ethnicity of the millennial generation (age 18-34), 2015



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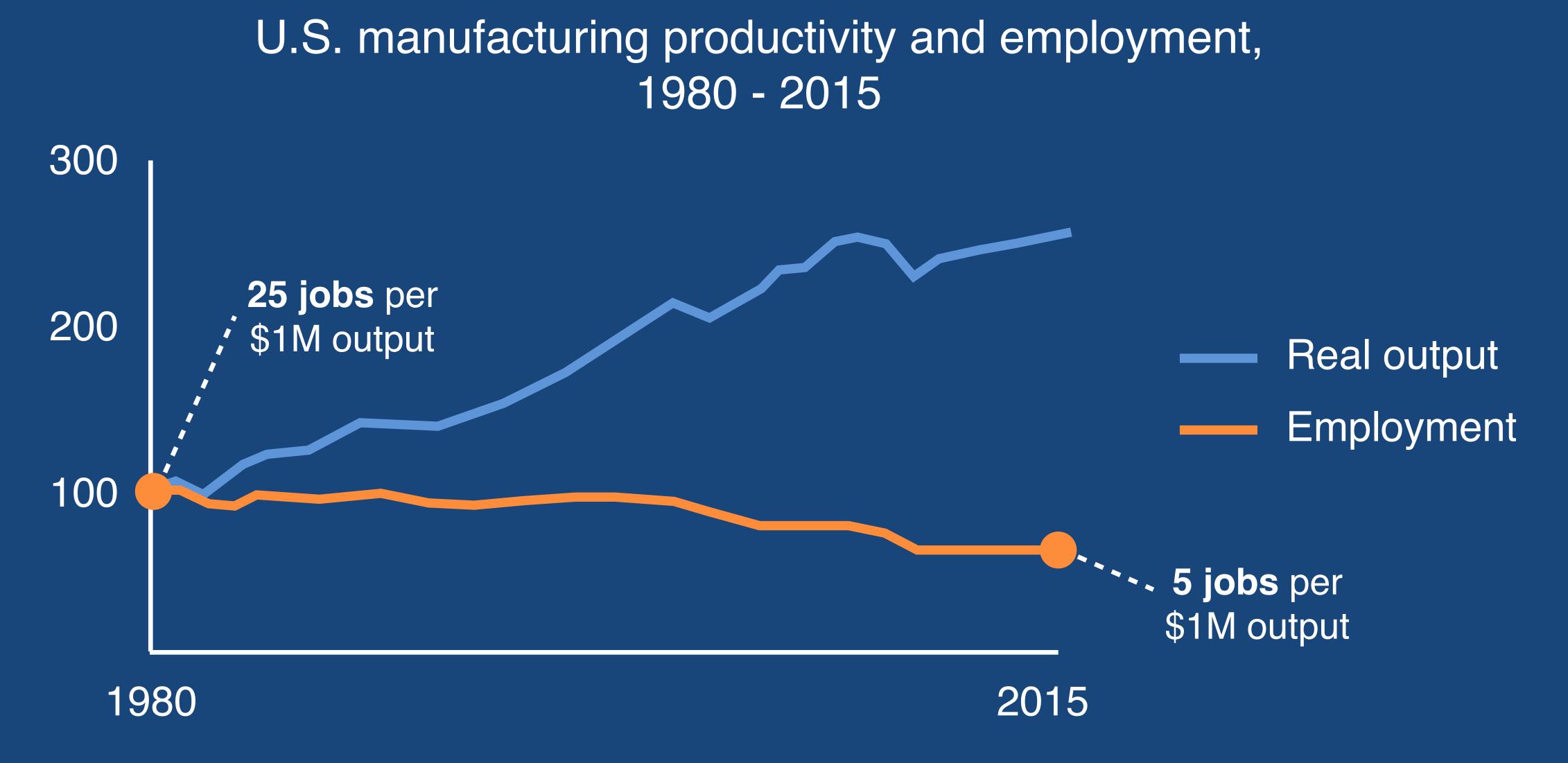
### Today's young people are more educated than previous generations

#### College graduates at age 25-34, by generation

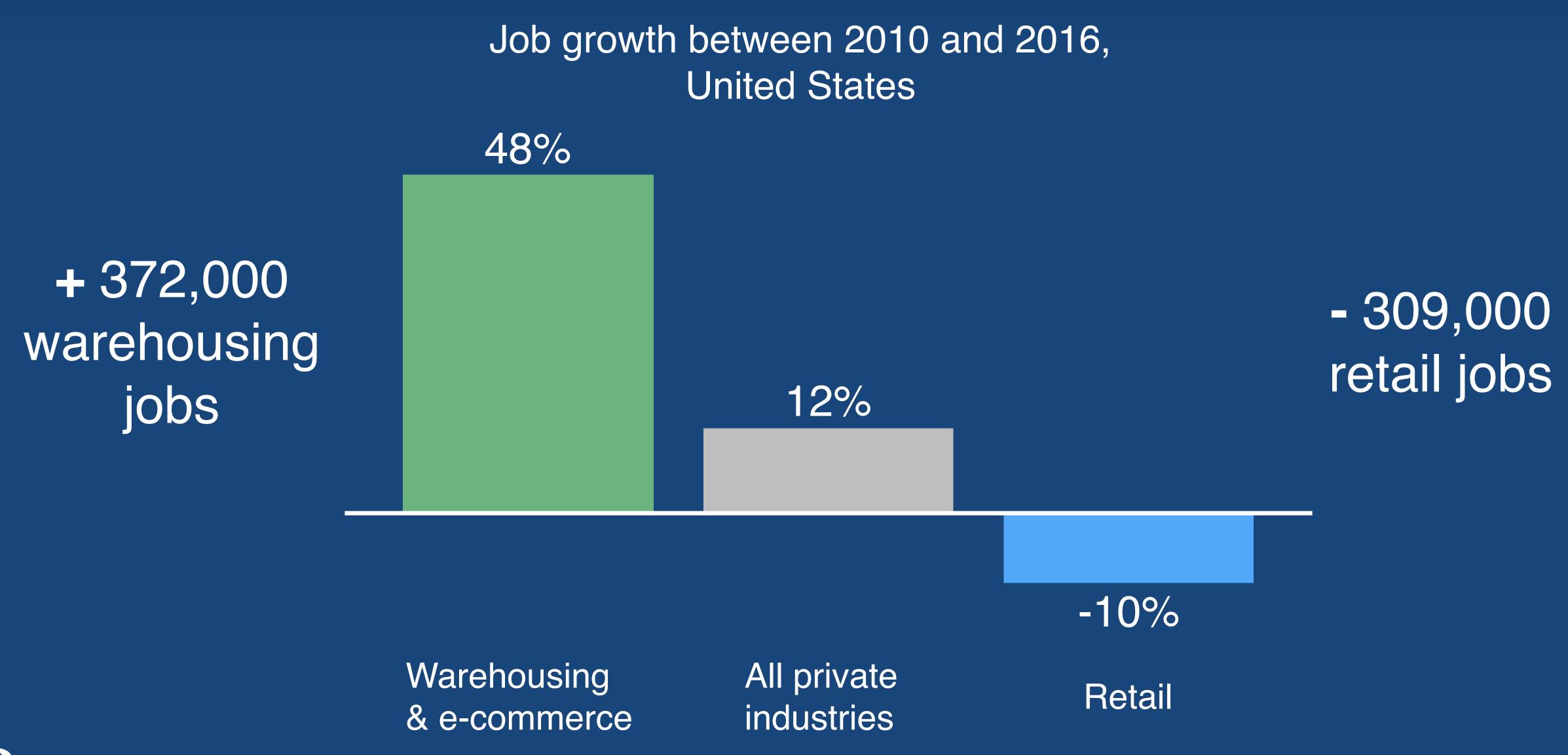




### Technology has made manufacturing less job-intensive today...

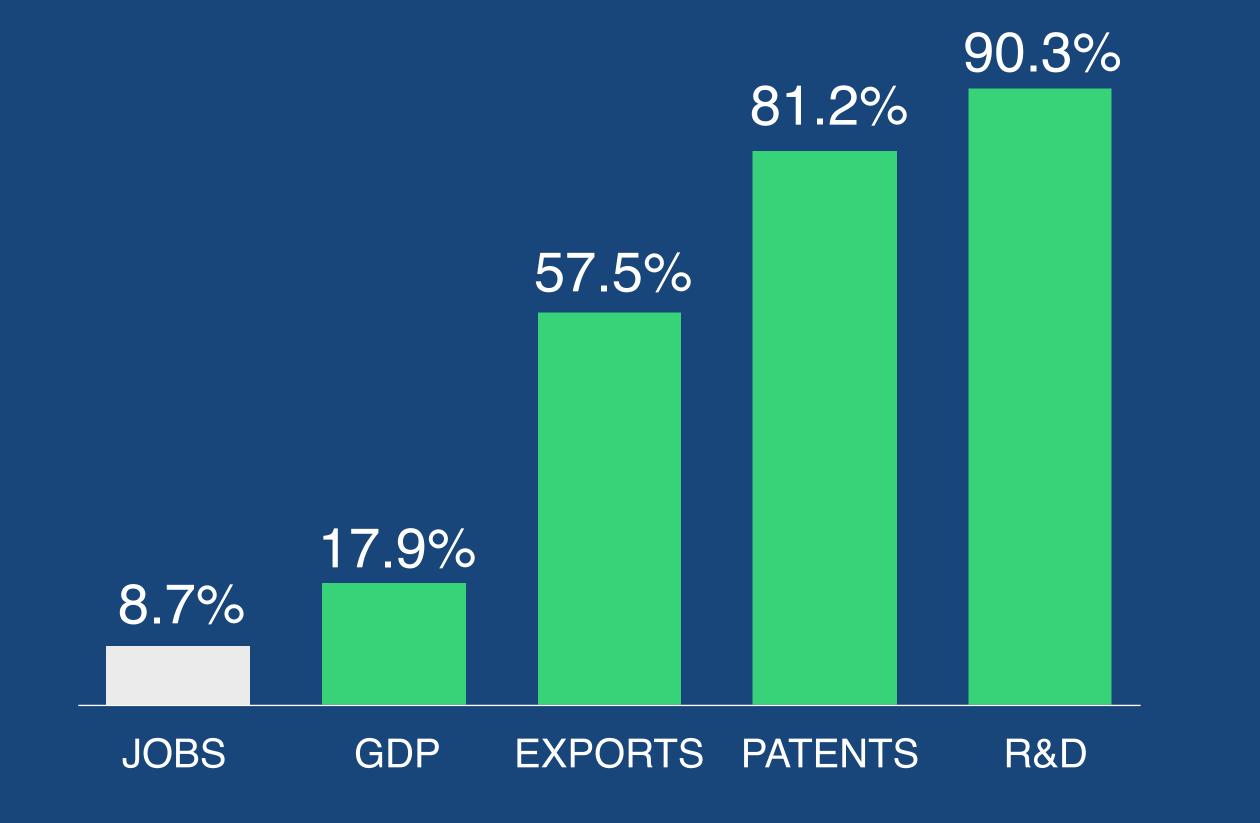


#### Technology is transforming industries



### Advanced industries are critical segments of our economy...

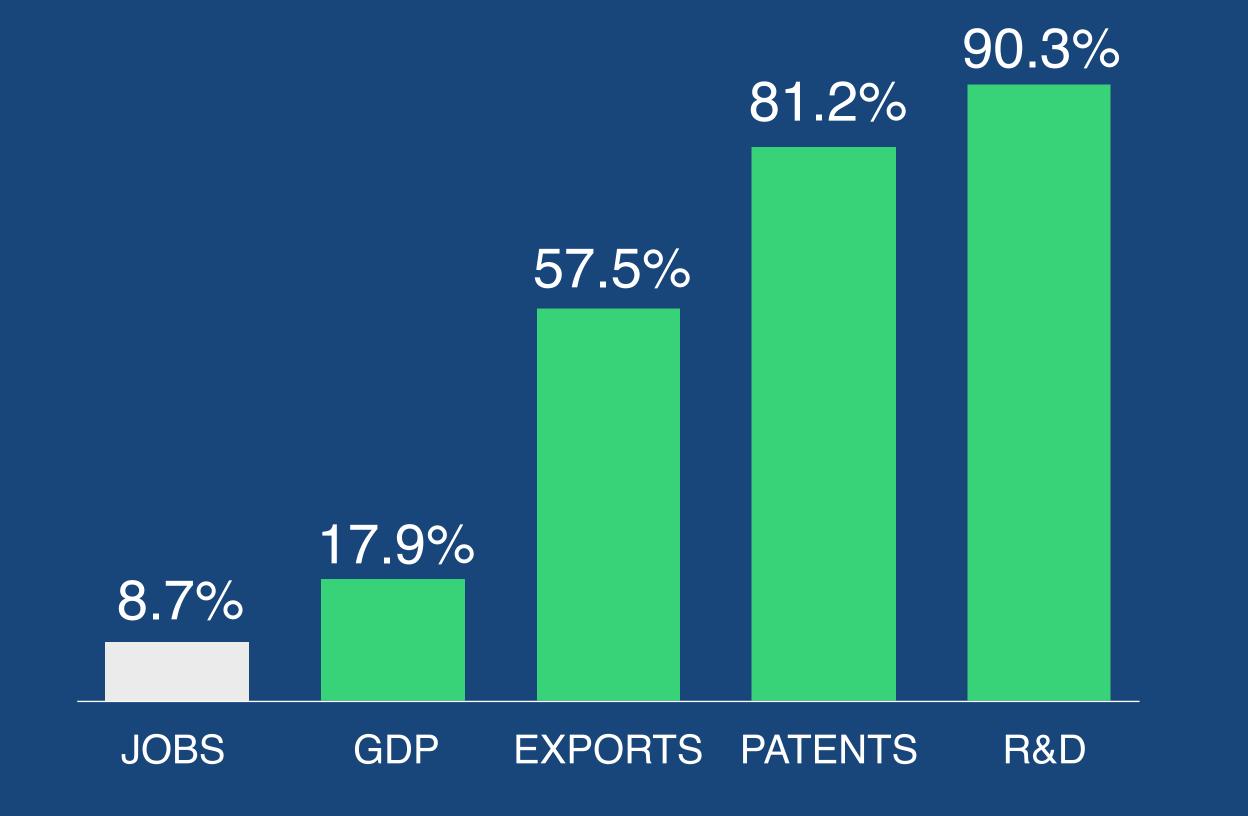
Advanced Industry share of national totals, 2015





#### Advanced industries are critical segments of our economy...

Advanced Industry share of national totals, 2015





#### ...yet advanced industries are shrinking in Greater New Haven

Annual percent change in advanced industries jobs, 2013–2015



27,033

Advanced Industry total employment

Rank: 75

-2.5%

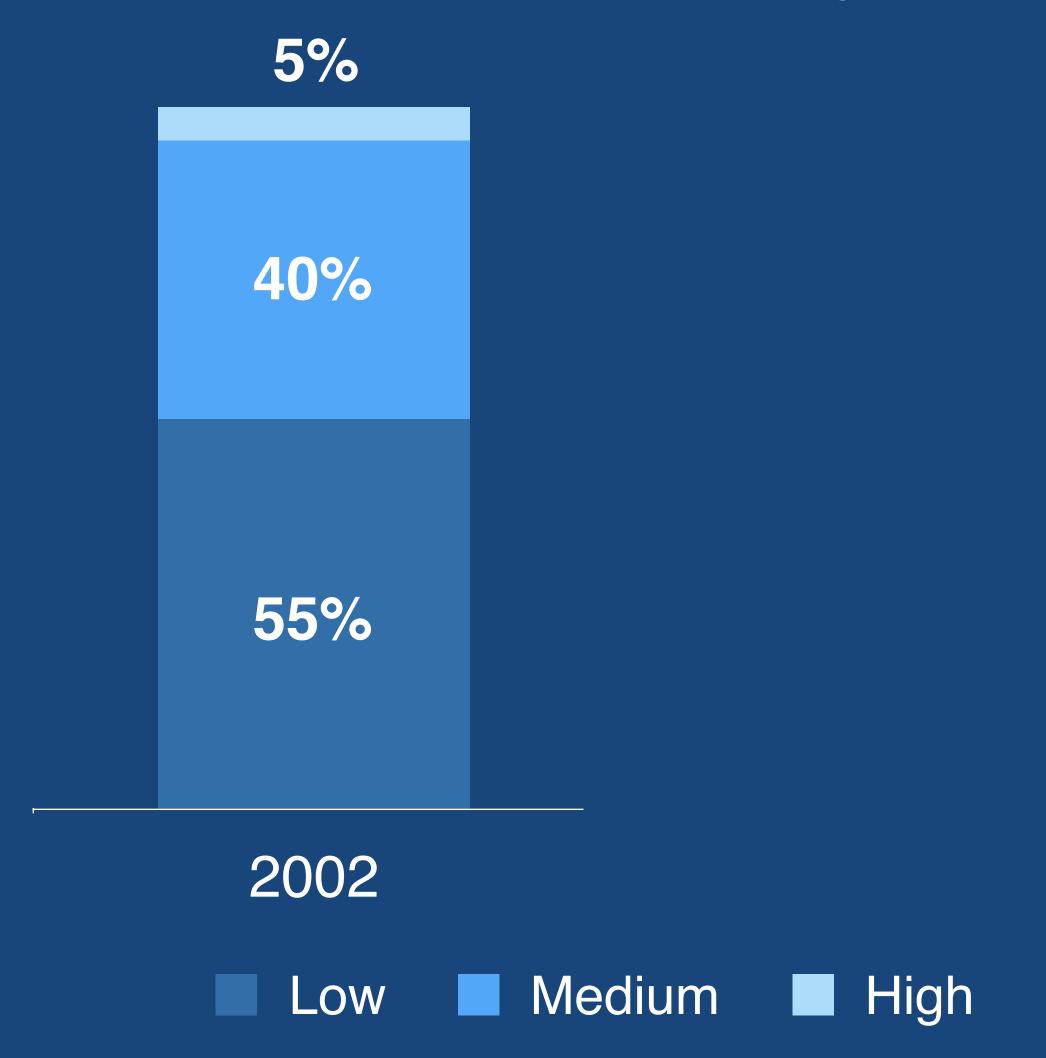
Annual percent change in advanced industries jobs

Rank: 100

New Haven

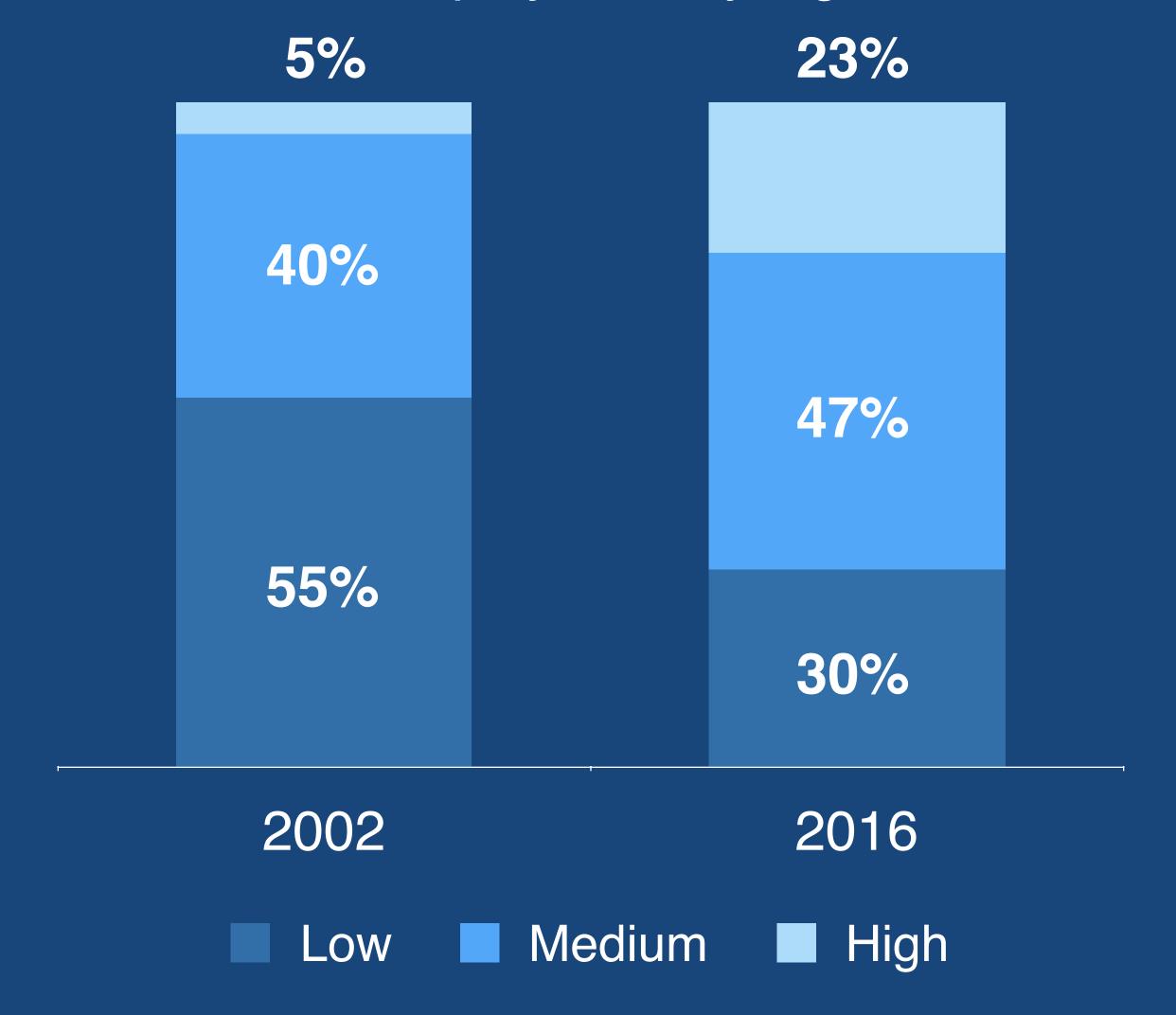
#### Technology is changing the nature of work...

Share of U.S. employment by digital skill level

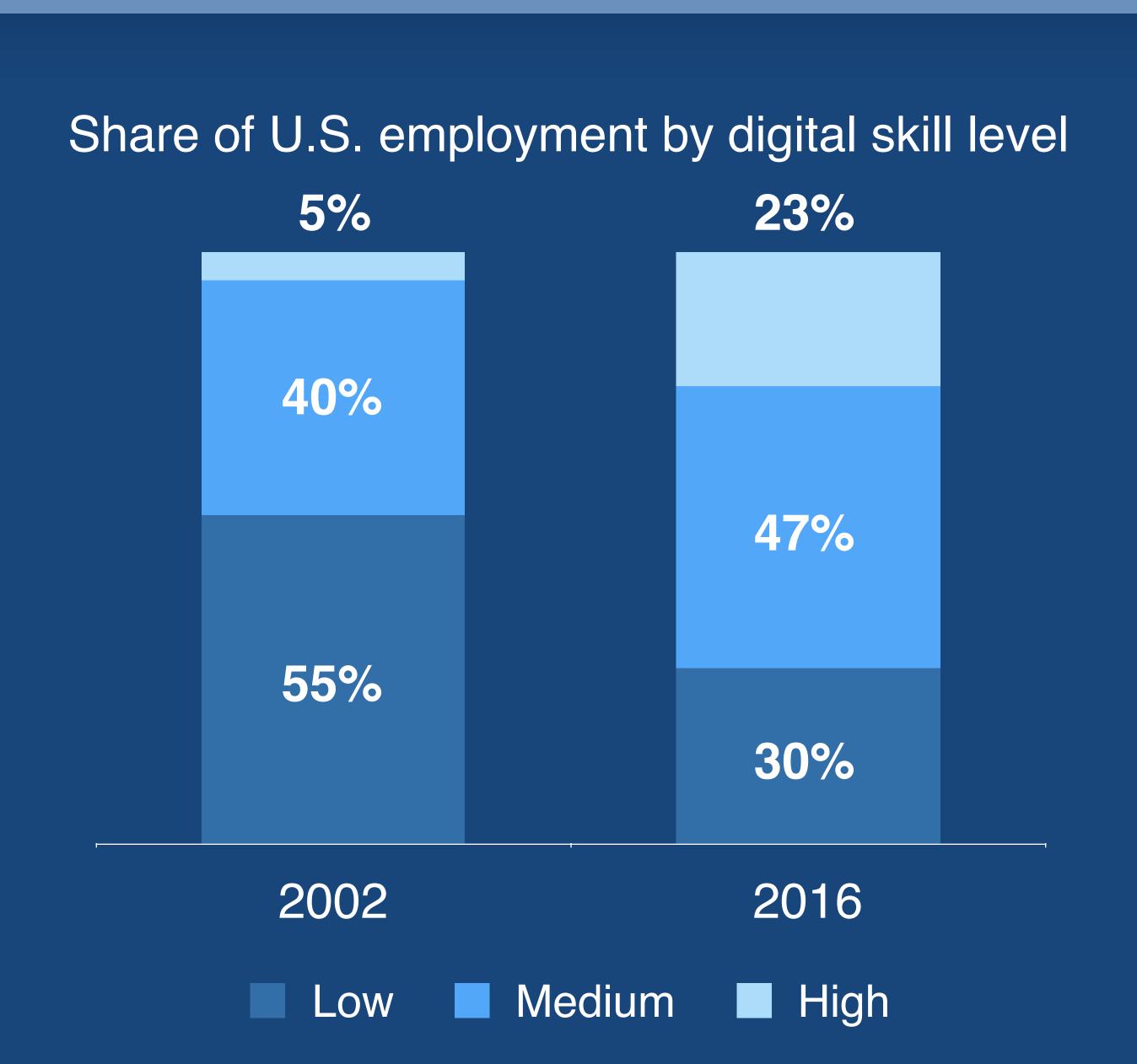


#### Technology is changing the nature of work...





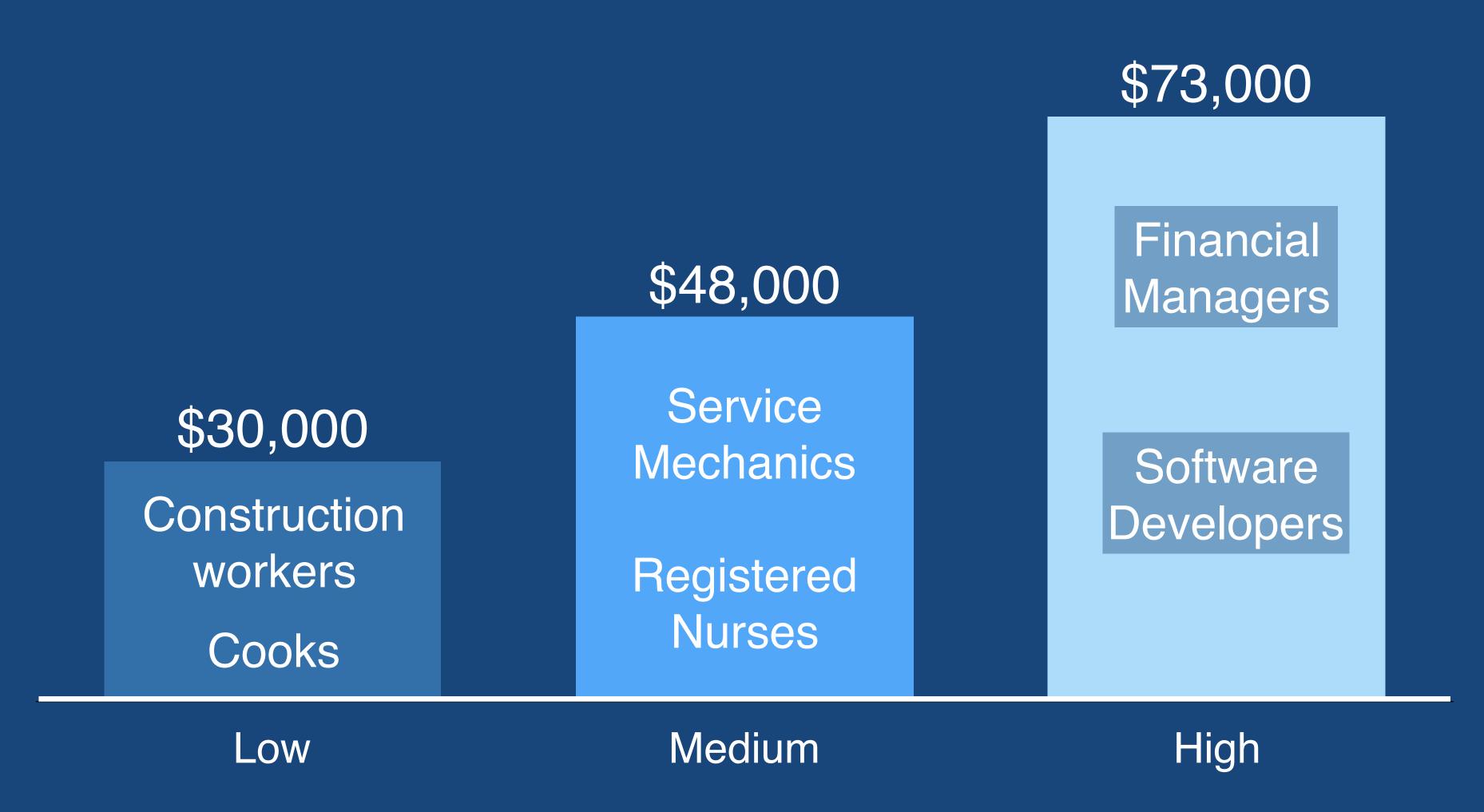
#### Technology is changing the nature of work...





#### ...and rewarding technologically-oriented workers with higher pay

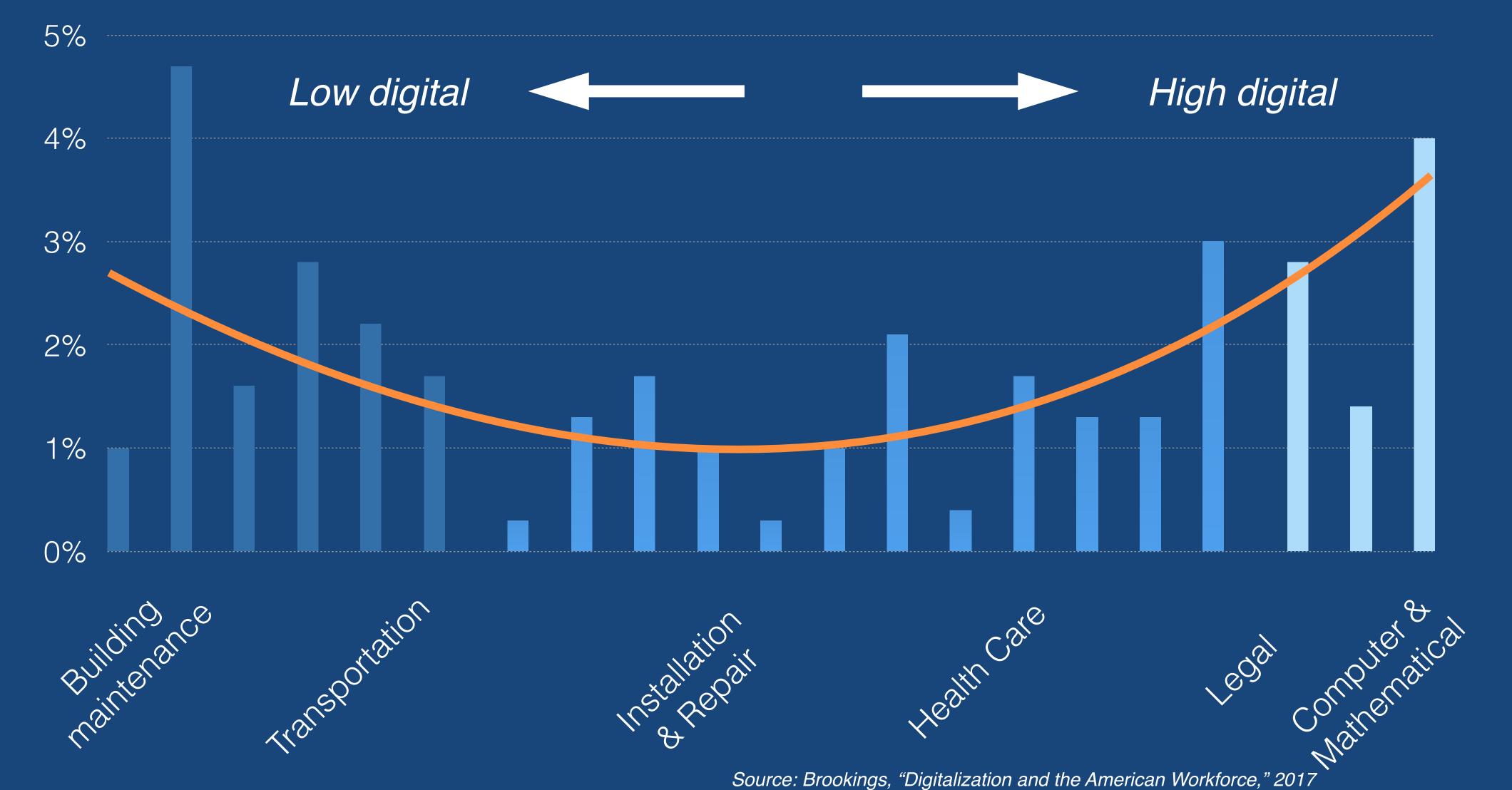
Median wage by digitization level, 2016



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### Middle-tech jobs are growing more slowly than high- and low-tech ones

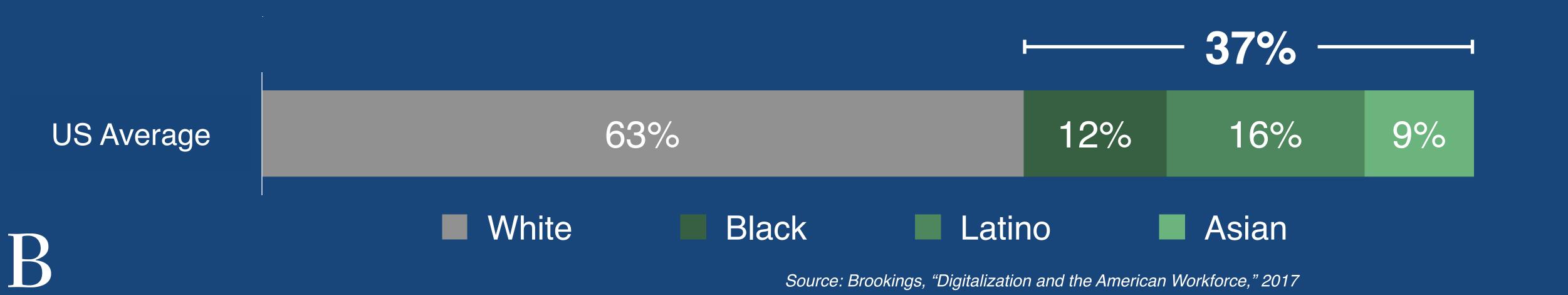




В

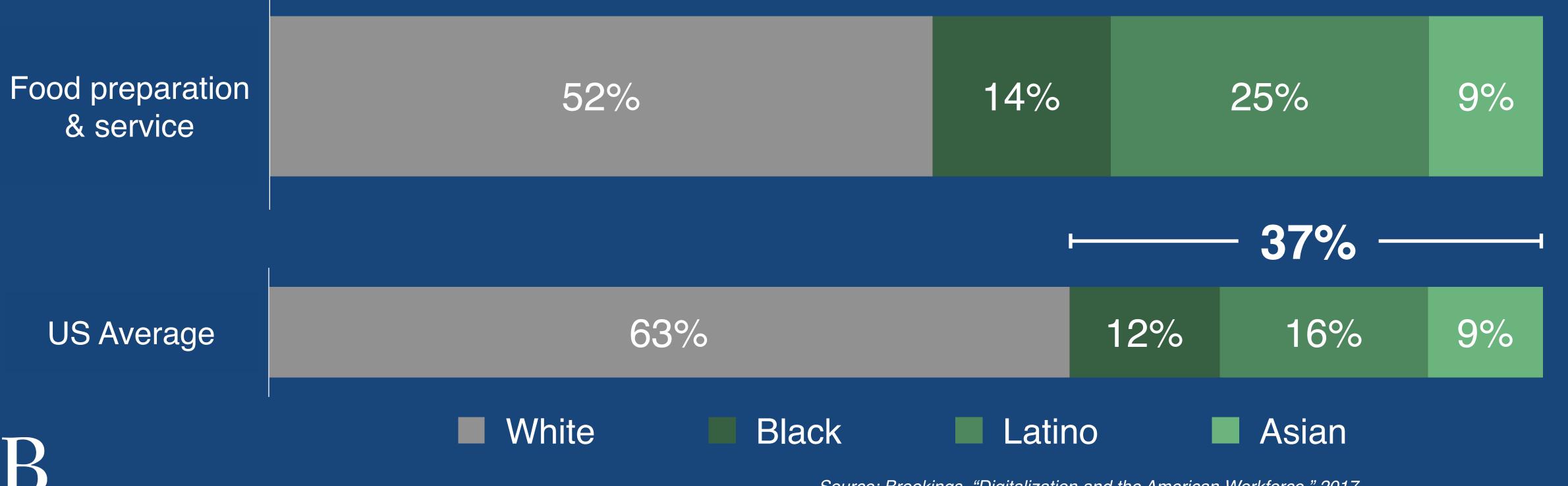
#### Workers of color are disproportionately employed in low-tech jobs

Employment in U.S. sectors by race



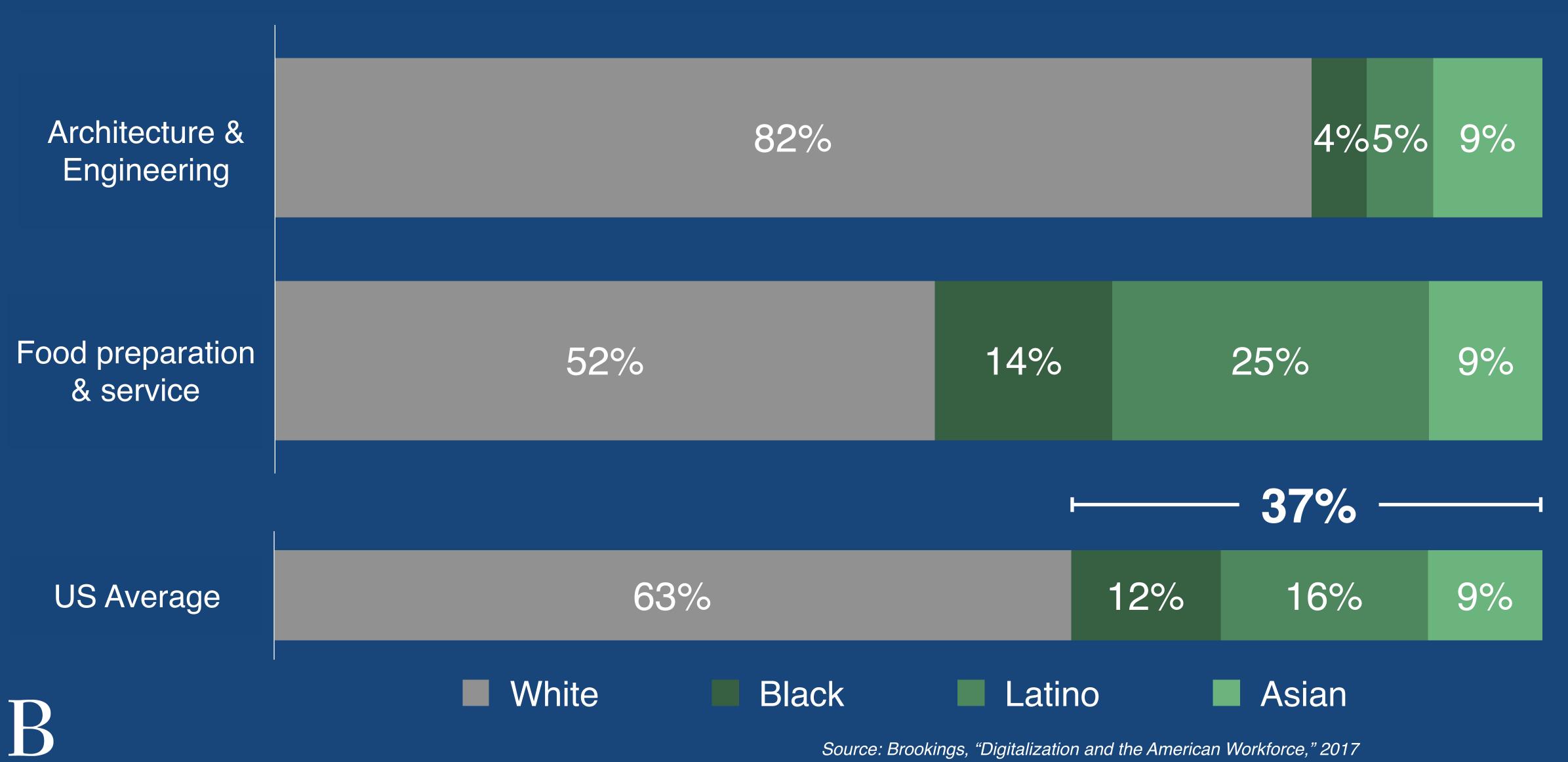
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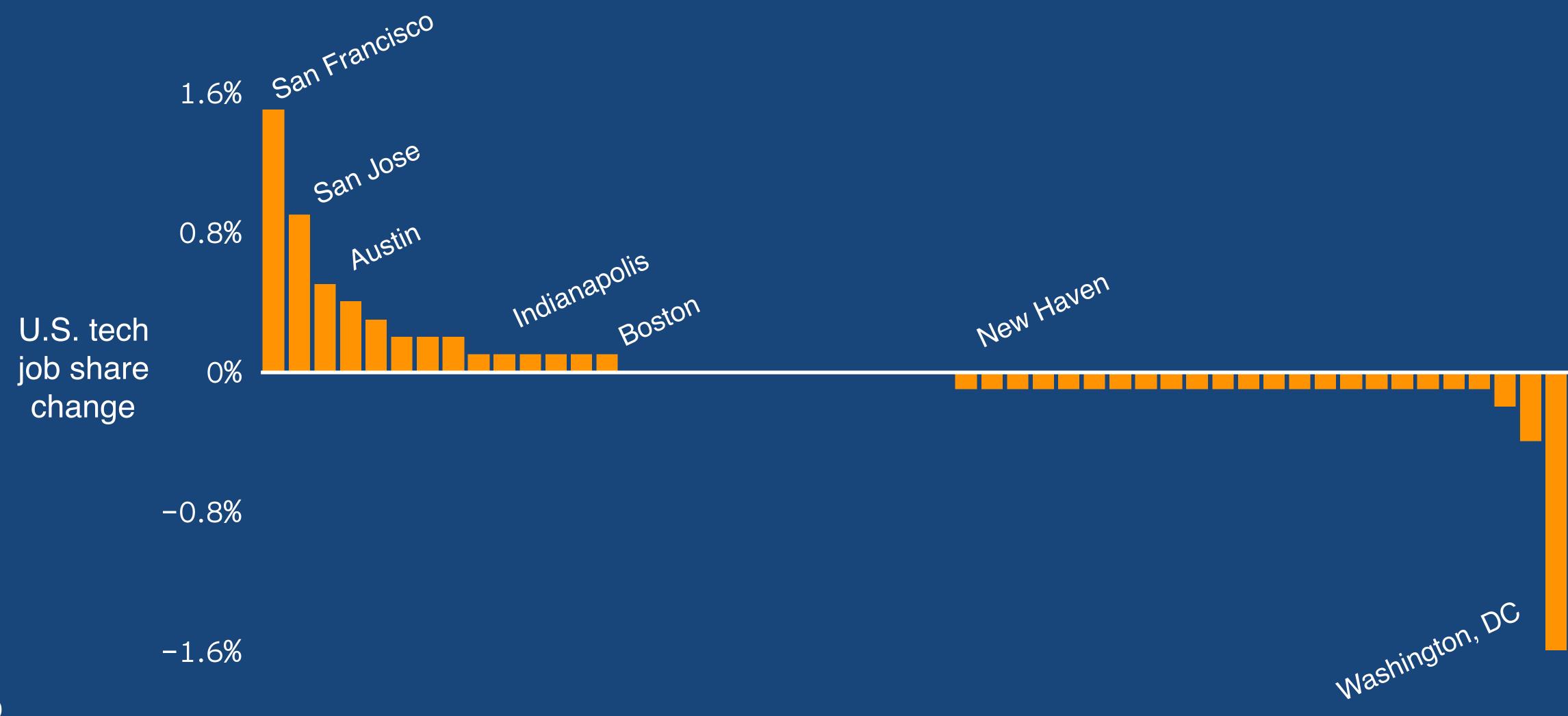
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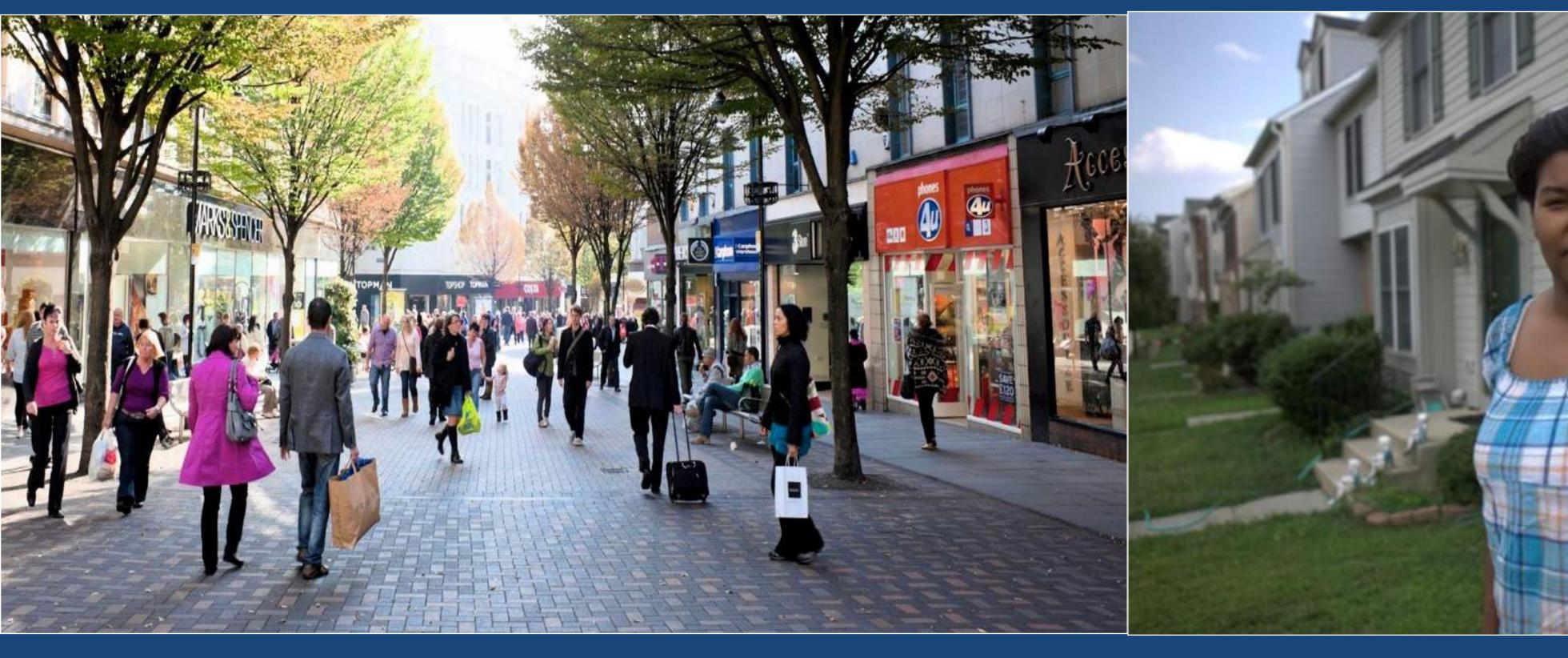
#### Tech continues to concentrate in a few places

Change in share of U.S. tech jobs by metro, 2010-2015



## 3

### What leaders can do to advance inclusive growth





#### Mega business attraction deals are not the answer







# \$1.3 billion

incentives offered by the state of Nevada for Tesla's Gigafactory

# \$3 billion

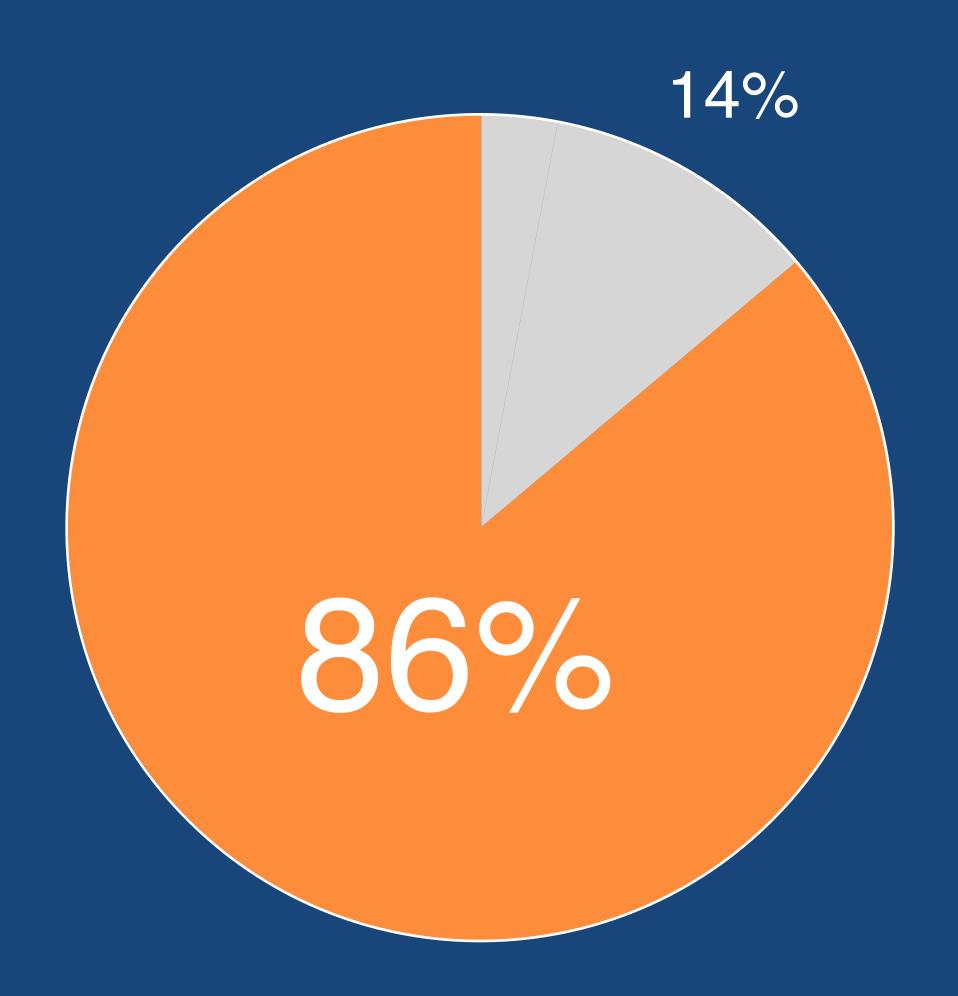
incentives offered by the state of Wisconsin for new manufacturing facility

# \$7 billion

incentives offered by the state of New Jersey for Amazon HQ2

### Attraction strategies distract from the primary way to nurture growth

Job creation for the typical state, 1995 - 2013



86%

of jobs are created by startups and in-state expansions

### Branding and marketing strategies obscure underlying challenges

Forbes
7th
Best Metro for

Millennials

500 5TH most Fortune 500 headquarters of any U.S. city

BROOKINGS

12th
In five year job creation

BUSINESS INSIDER
TOP 25
best cities for finding a job

79%
of jobs created that don't provide a living wage

35%
growth of poverty in the last decade

-24%
manufacturing base decline in last decade

61%
workforce
participation
rate

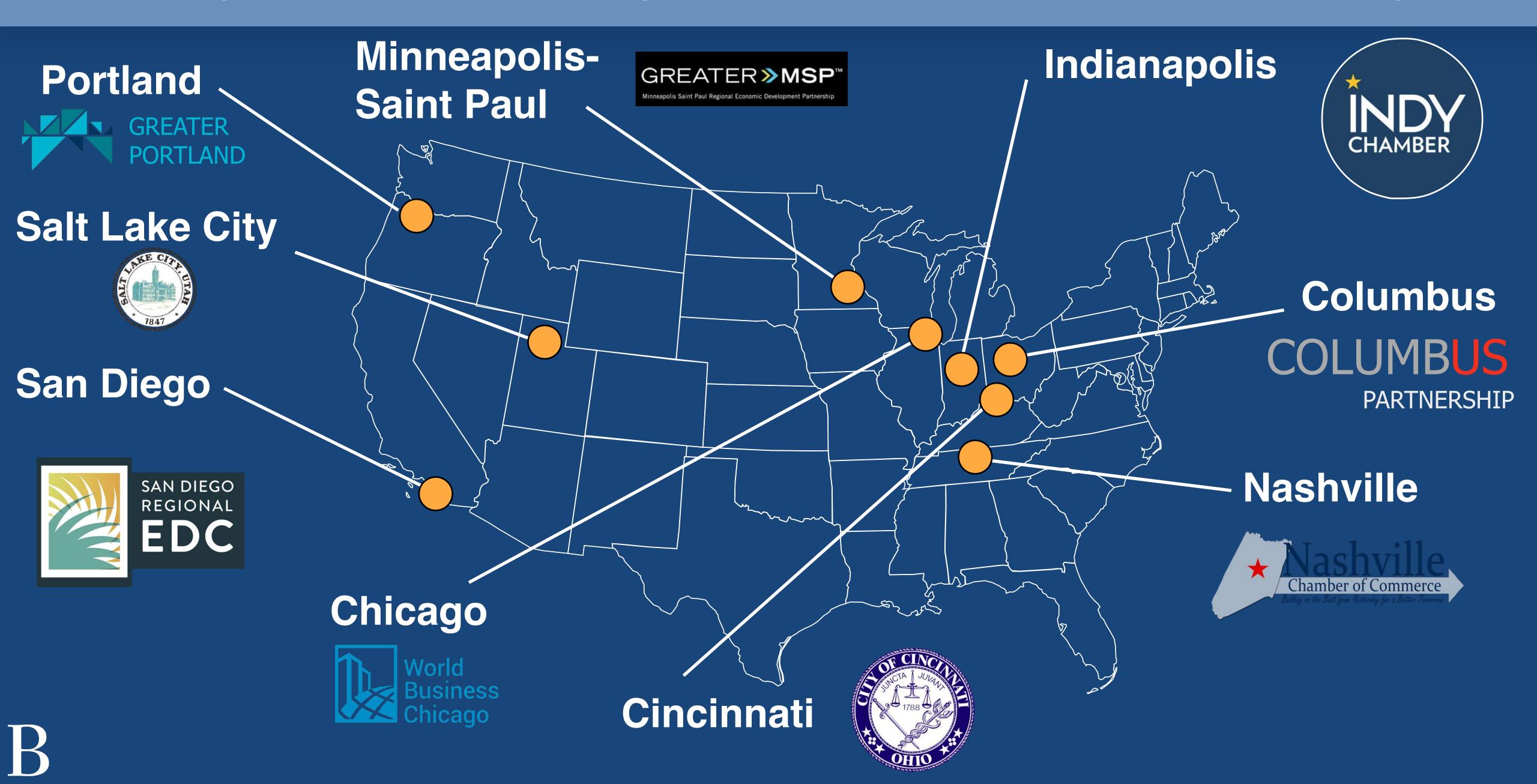
# Goal of economic development

"To put a regional economy on a trajectory of higher growth *(growth)* by increasing the productivity of firms and workers *(prosperity)* that raises standards of living for all *(inclusion)*."

### Pursuing economic growth and inclusion is a collective responsibility



#### Business groups are increasingly committed to inclusive economic growth



### To start, leaders are adopting broader measures of economic success



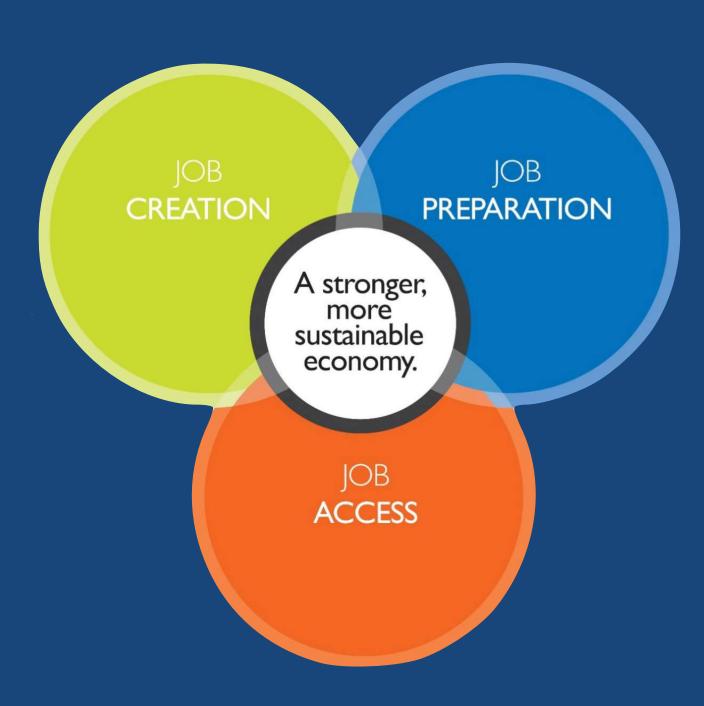




Total Jobs Created

Total Payroll Added

Total Capital Attracted



- Share of outcomes in MBE companies
- Payroll added per job
- Outcomes' proximity to distressed areas







FIRMS





### FIRMS

- University-industry partnerships
- Startups & scale-ups
- Clusters strategies
- Export assistance



### PEOPLE









### FIRMS

- University-industry partnerships
- Startups & scale-ups
- Clusters strategies
- Export assistance

### PEOPLE

- Apprenticeships
- Creative & digital skills training
- Criminal justice reform



## PLACES



### FIRMS

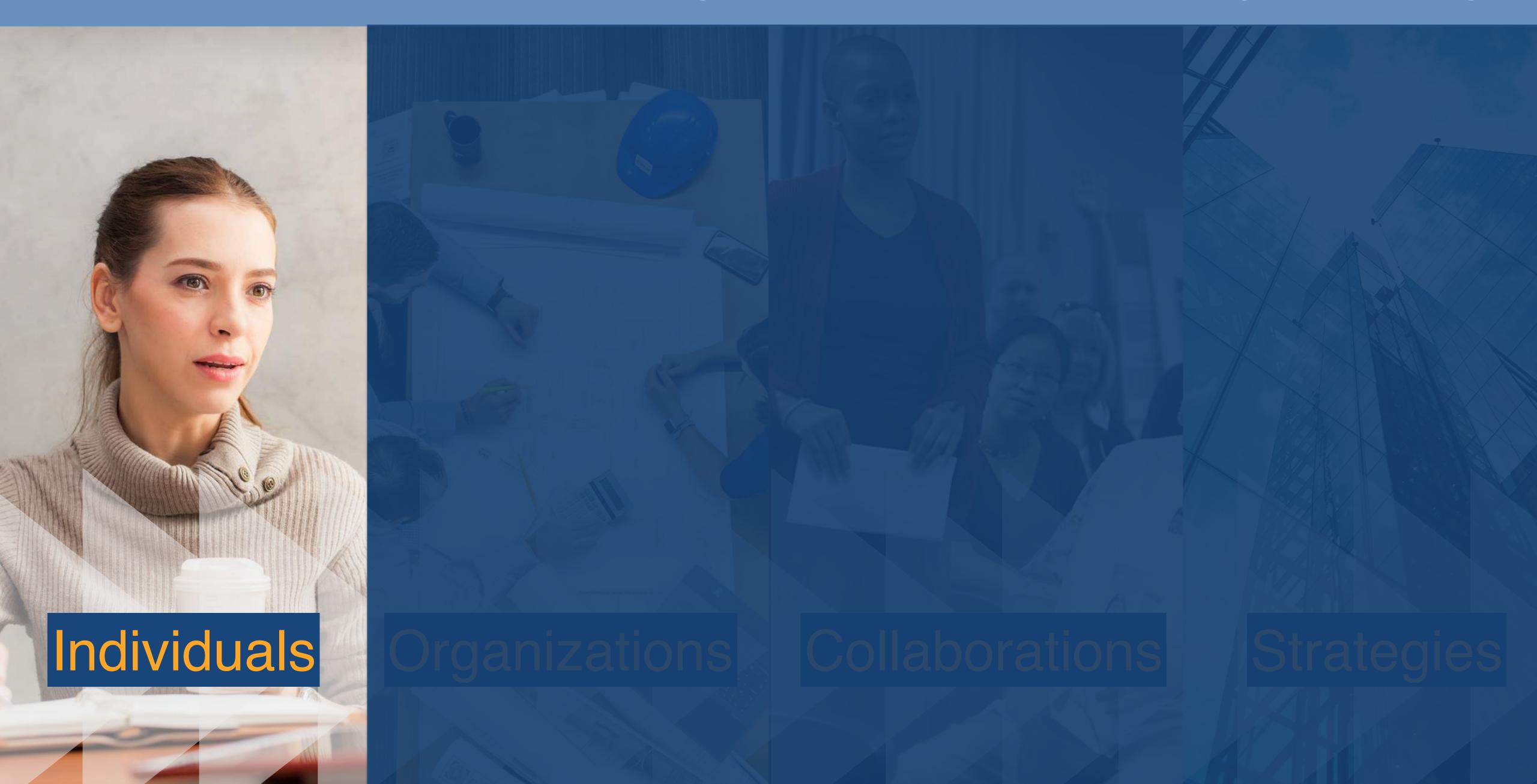
- University-industry partnerships
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- Clusters strategies
- Export assistance

### PEOPLE

- Apprenticeships
- Creative & digital skills training
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### PLACES

- Accessible jobs through transit
- Innovation hubs & activity centers
- Housing choice
- Broadband investment









"This [inclusive growth] initiative is a call to action for San Diego's employers: we must come together to bridge the gaps in our economy."

- Mark Cafferty, President & CEO of San Diego Regional Economic Development Corporation



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