

BEST IN MIDWEST



TALENT FOR TOMORROW

Background Data for Breakout Sessions



Accelerating urbanization

Across the United States urban regions are growing fastest

Missouri from 2010 to 2017

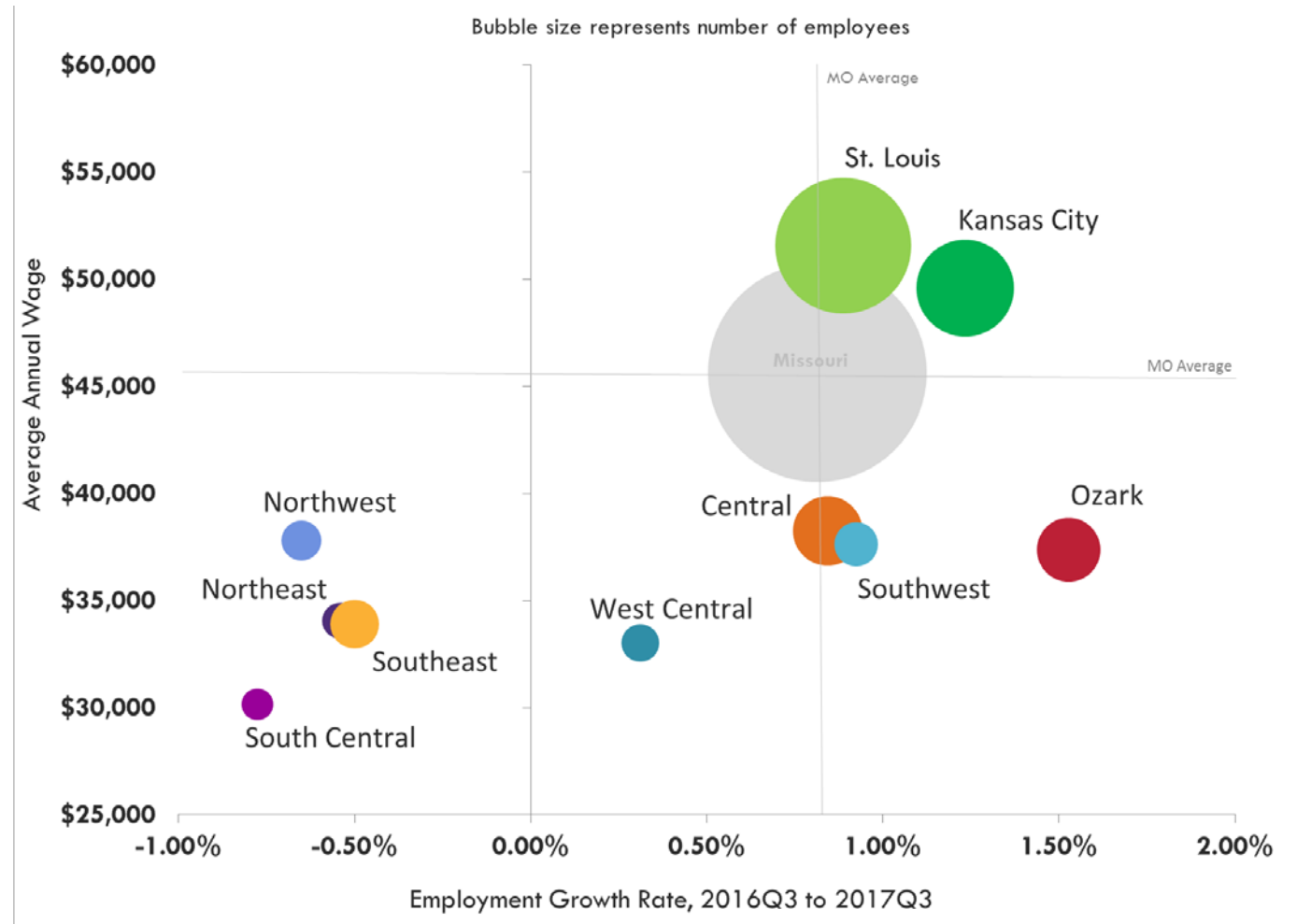
▲ 3.2%

Metro county population change

▼ 1.1%

Non-metro county population change

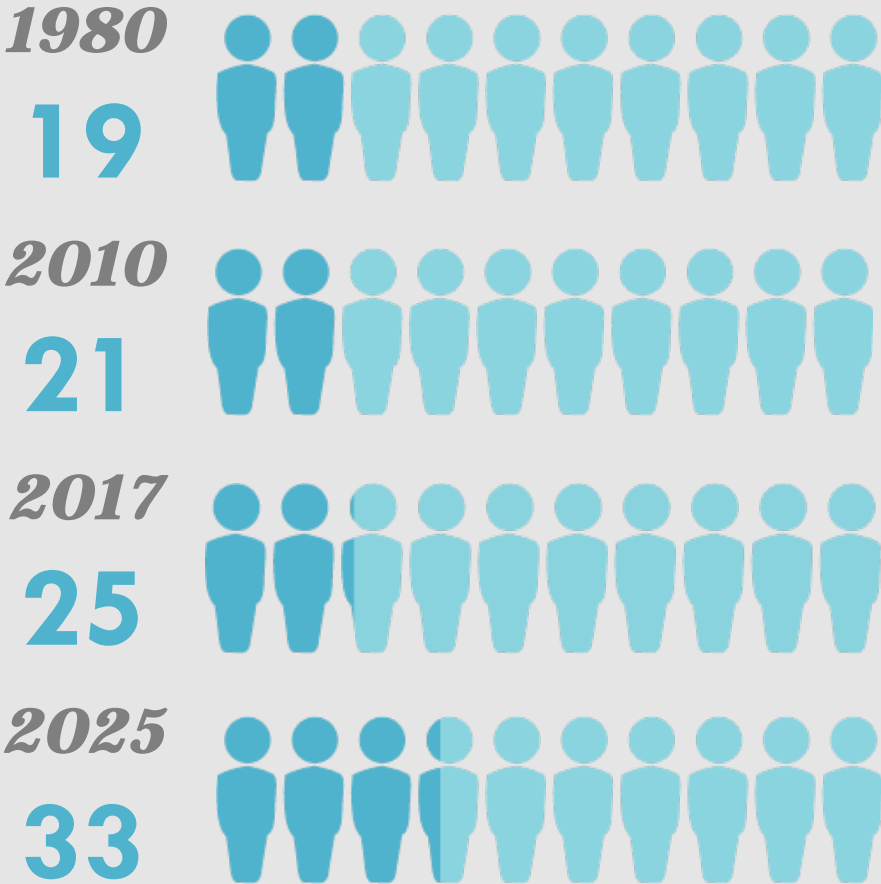
Missouri Regional Employment and Wages – 2016 to 2017 Change



Source: MERIC analysis of U.S. Bureau of Labor Statistics, Census of Employment and Wages

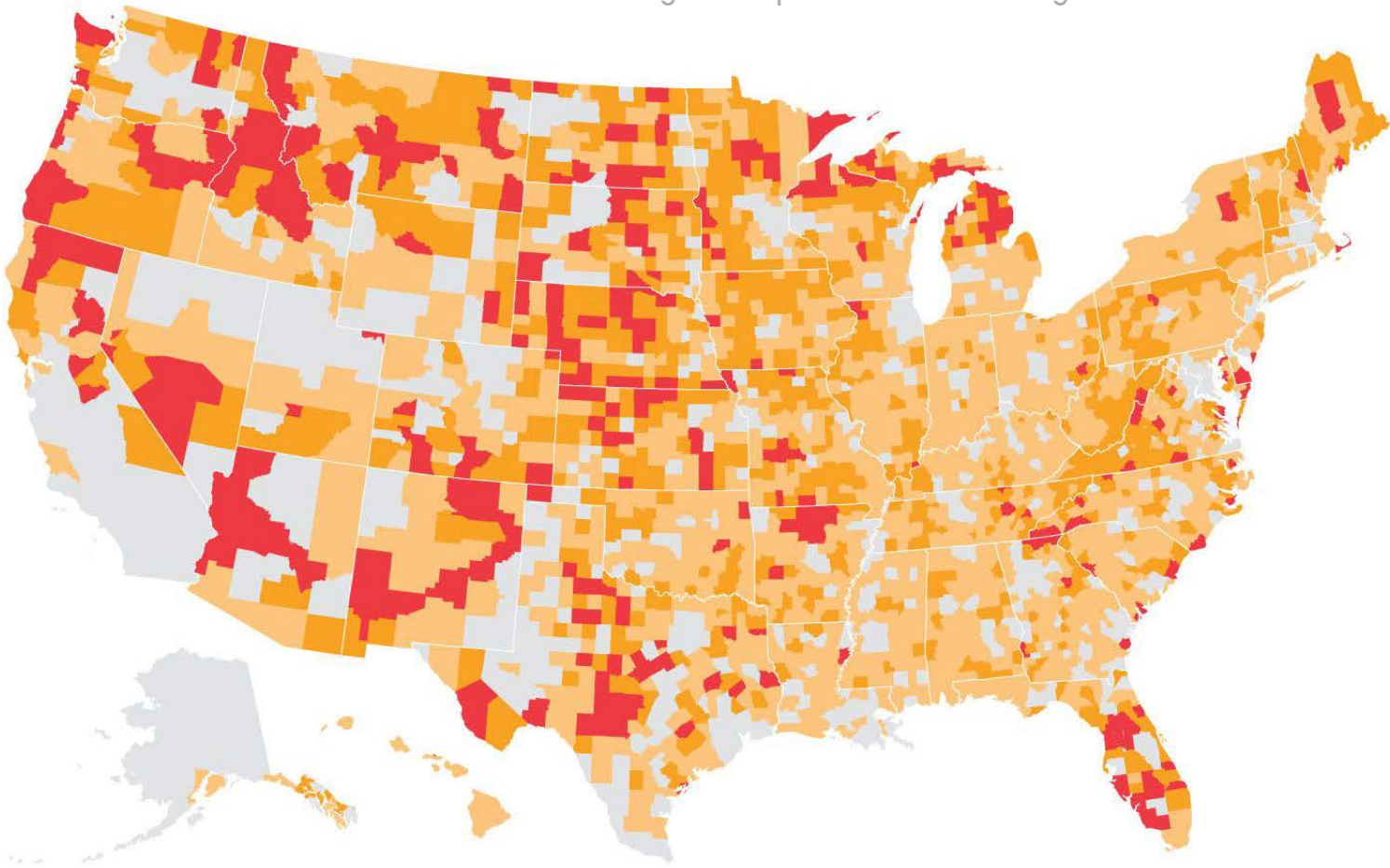
The ratio of retirees to workers is increasing

Retirees to working age Americans



2017 Retirees to Working Age Ratio

Number of residents age 65+ per 100 residents age 18-64



Source: Wall Street Journal Analysis of U.S. Census population figures, published June 21, 2018

Large or small, our economies are connected

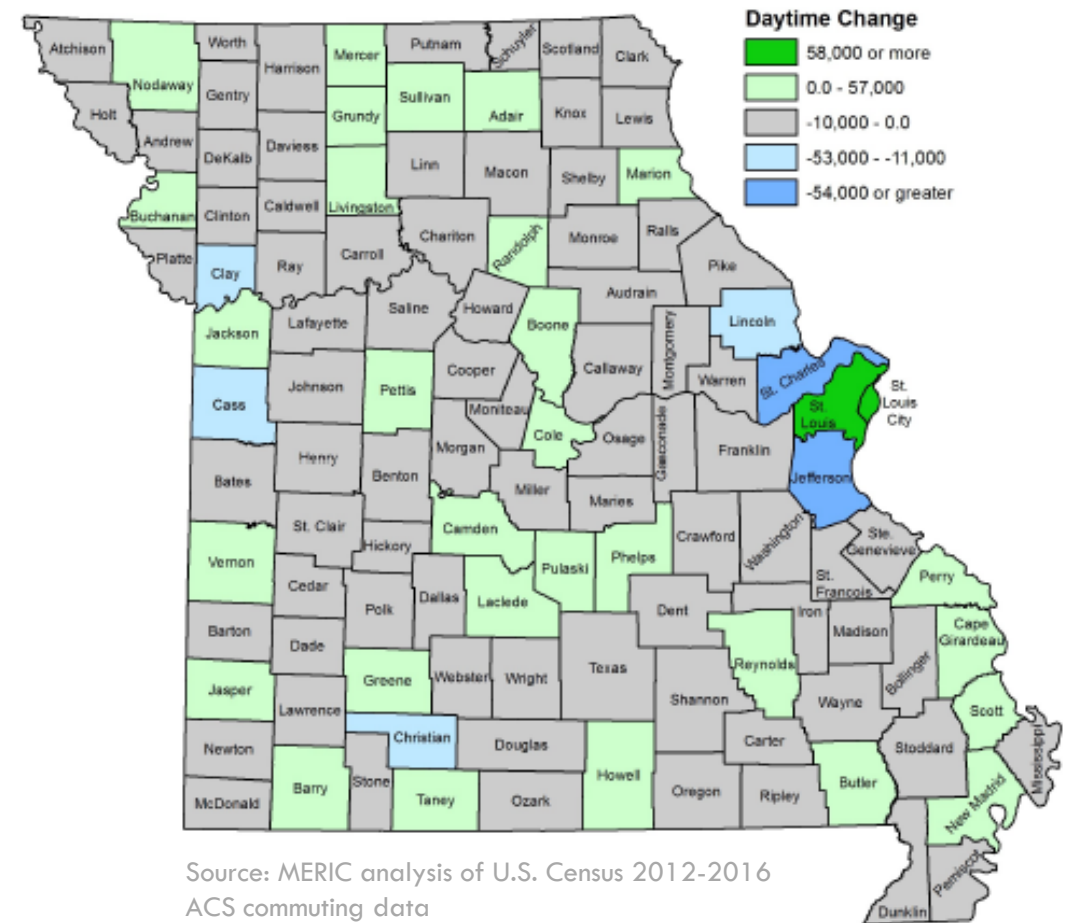
73% of Missouri counties lose daytime population as workers commute

Towns and cities across Missouri are focal points of regional trade:

Branson	Kirkville	Sedalia
Cape Girardeau	Lake Ozark	Sikeston
Chillicothe	Lebanon	Springfield
Columbia	Maryville	St. Charles
Hannibal	Moberly	St. Joseph
Jefferson City	Nevada	St. Louis
Joplin	Poplar Bluff	West Plains
Kansas City	Rolla	

Change in Daytime Population

Most counties lose daytime population as workers commute



We are America – diversified with strong “coastal” economies

7th

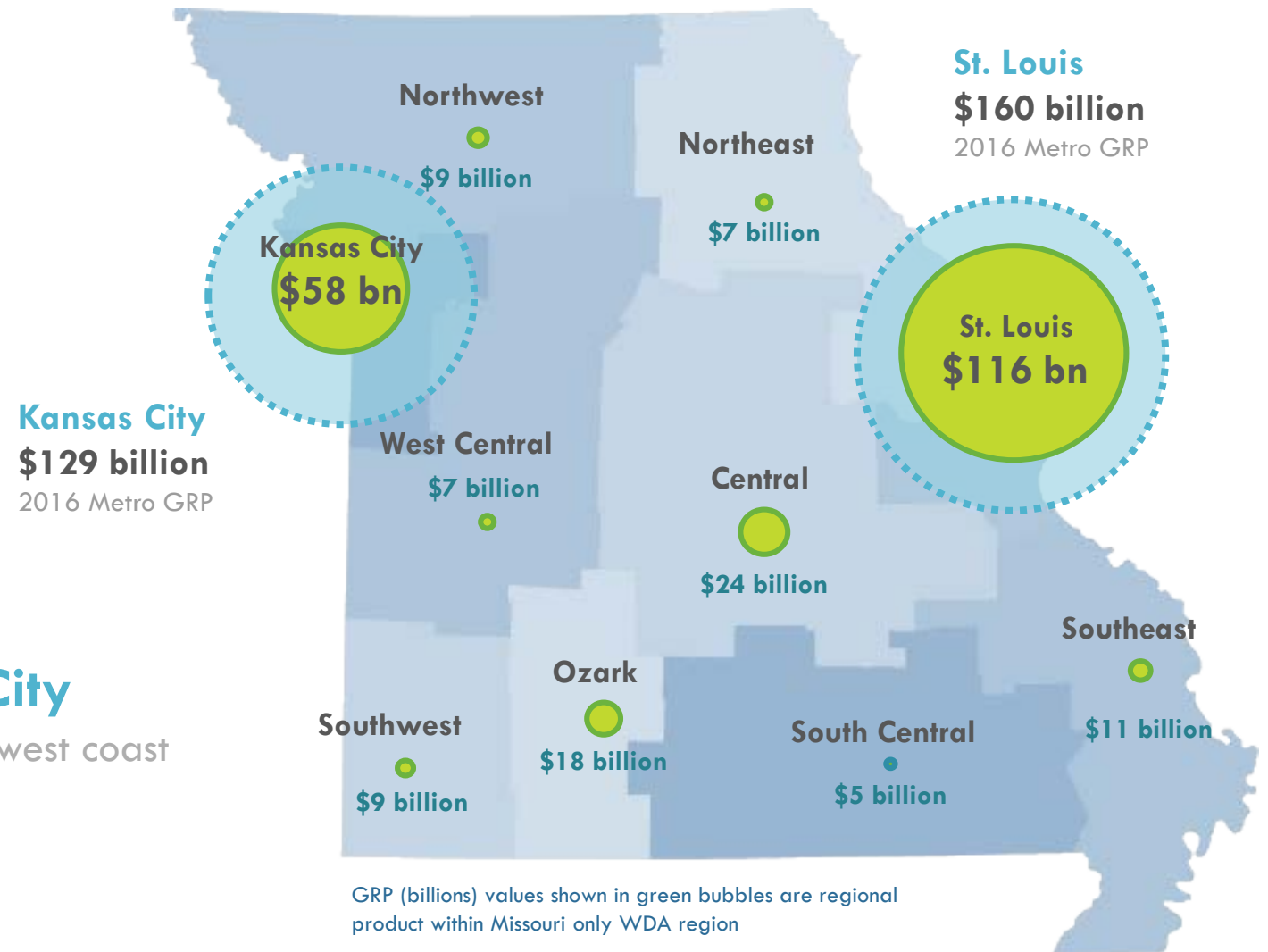
Most Diversified Economy

Missouri has a broad portfolio of large industries

Two-Thirds

of our GSP is in St. Louis & Kansas City

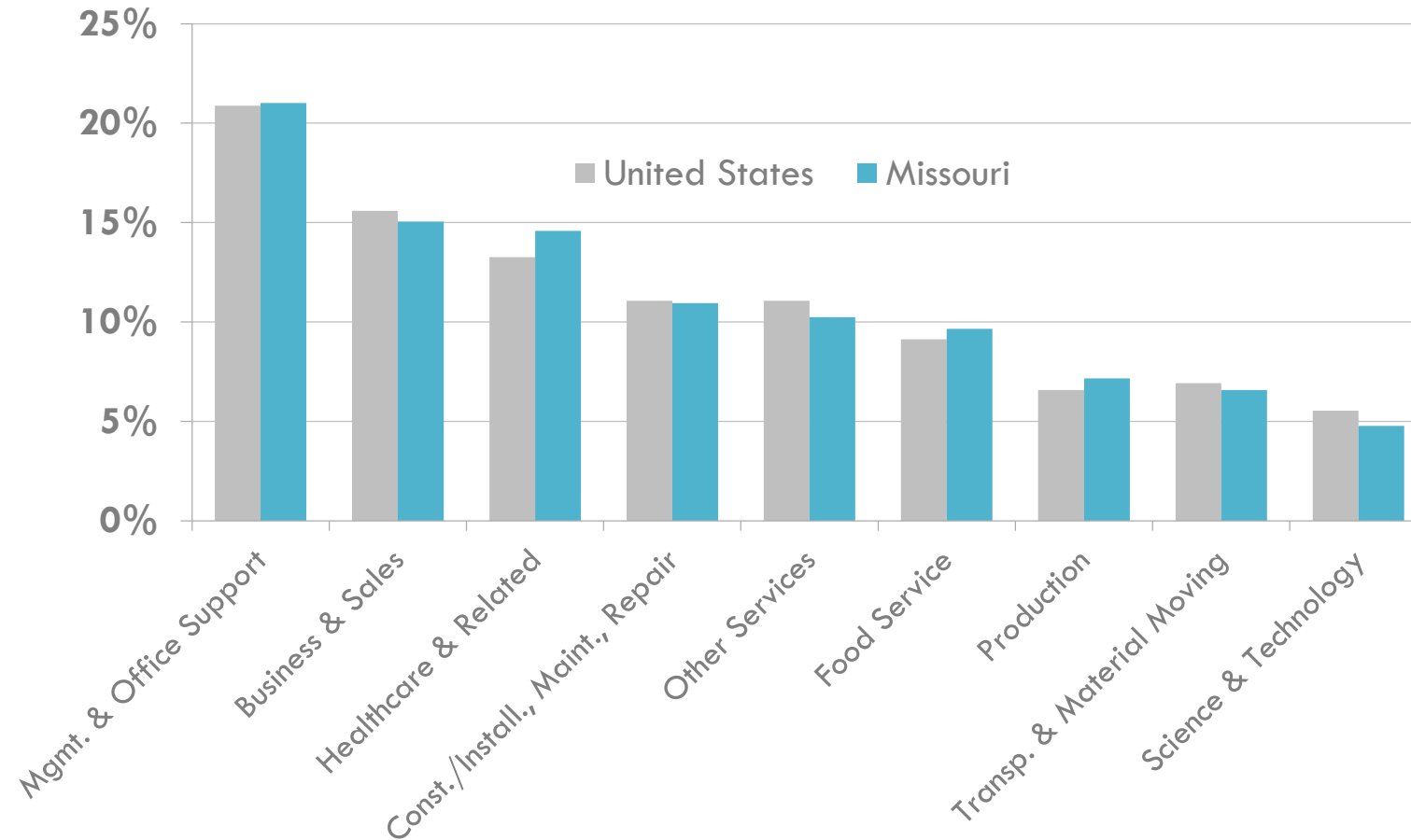
Like the United States, Missouri has huge east and west coast economies



We are America – our workforce mirrors the United States

Workforce Employment by Occupation Group

May 2015 Occupational Employment Survey, BLS



Source: MERIC analysis of BLS Occupational Employment and Wages, 2015

We are the Midwest

Selected Midwest Strengths

Aerospace & Defense

Automotive

Transportation & Logistics

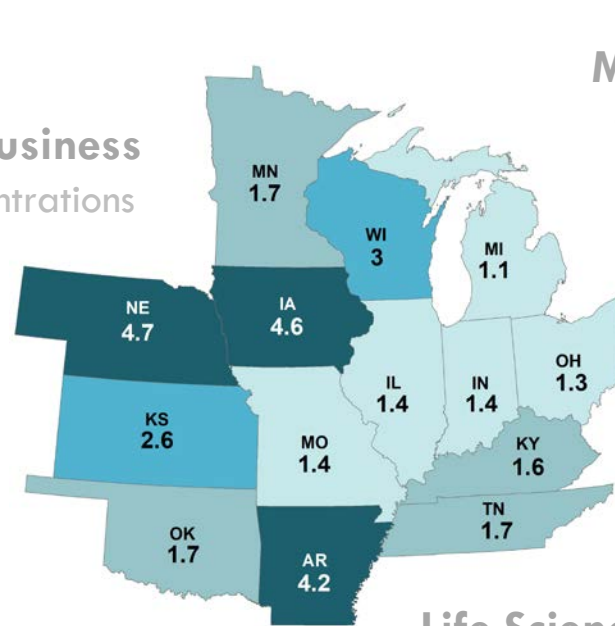
Agribusiness

Our diversity makes it hard to stand out

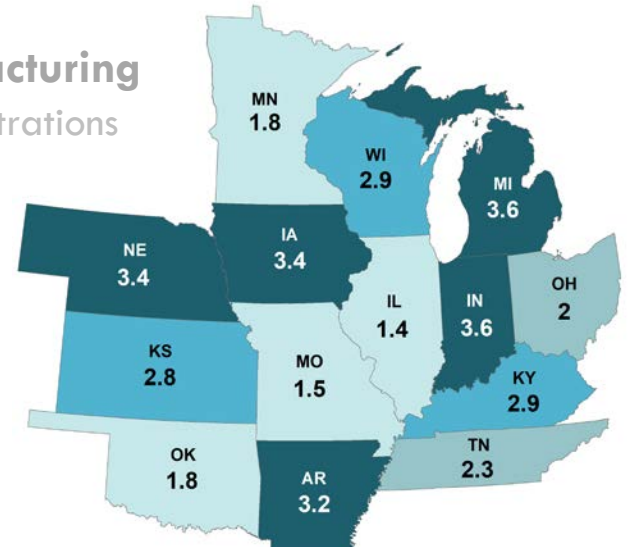
Energy Solutions

Life Sciences

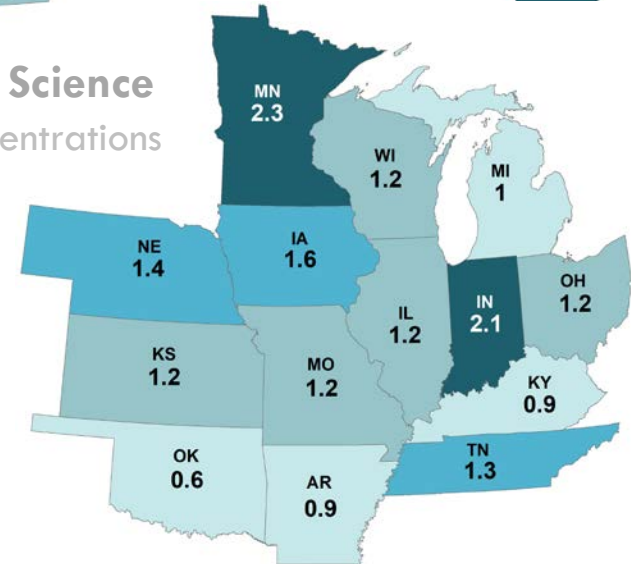
Agribusiness Concentrations



Manufacturing Concentrations



Life Science Concentrations



Missouri's primary industry clusters

Bold Orange Clusters have been our targeted sectors since 2000.



Agribusiness



Aerospace & Defense



Automotive



Energy Solutions



Financial Services



Transportation & Logistics



Information Technology



Life Sciences



Industrial Engineering



Extractives



Healthcare



Entertainment & Media

Raising education levels helps regional economies

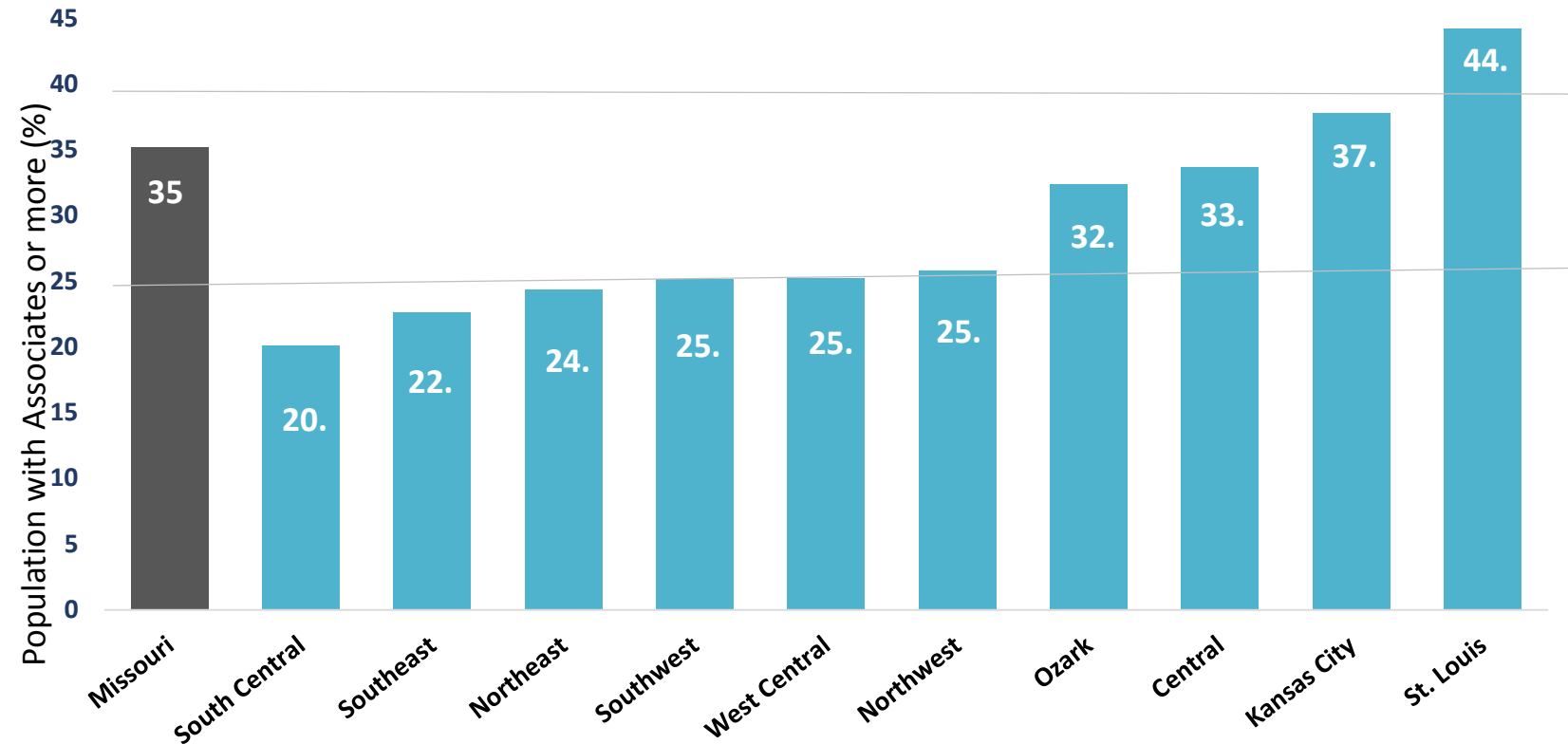
1 more year of schooling
among metro area employed

▲ **10.5%** GDP

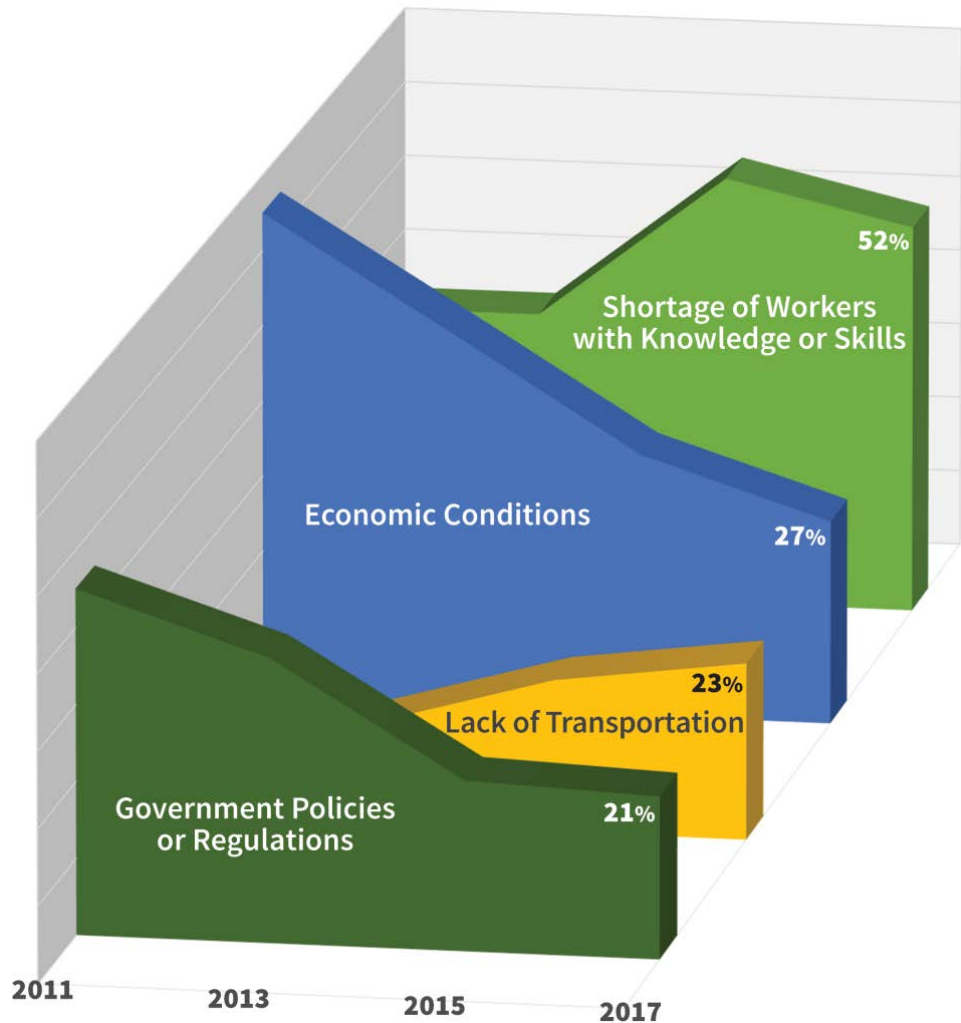
▲ **8.4%** real wages

Source: A Matter of Degrees, Milken Institute, 2013

Percent of Population with an Associates Degree or Higher
Age 25 and above



Missouri businesses have concerns



52%

of St. Louis businesses say the **Shortage of Skilled Workers** is the **Biggest Barrier** to expanding employment for the third year in a row

Source: St. Louis Community College
State of the Workforce 2017 Survey

15%

of Missouri business owners say **High Schools** prepare students for the workforce

42%

of Missouri business owners say **Colleges** prepare students for the workforce

Source: Missouri Chamber 2030
Business Survey

Missouri service sector jobs are growing fastest

History

2006 – 2016 Employment
Growth Rates

Future

2016 – 2026 Projected
Growth Rates

Goods Producers

Manufacturing, Construction, Mining

▼ **15%**

▲ **2.5%**

Services

*Trade, Transportation, Finance,
Professional Services, Healthcare, etc.*

▲ **7%**

▲ **8.7%**

Government

Federal, State, and Local

▼ **1%**

▲ **1%**

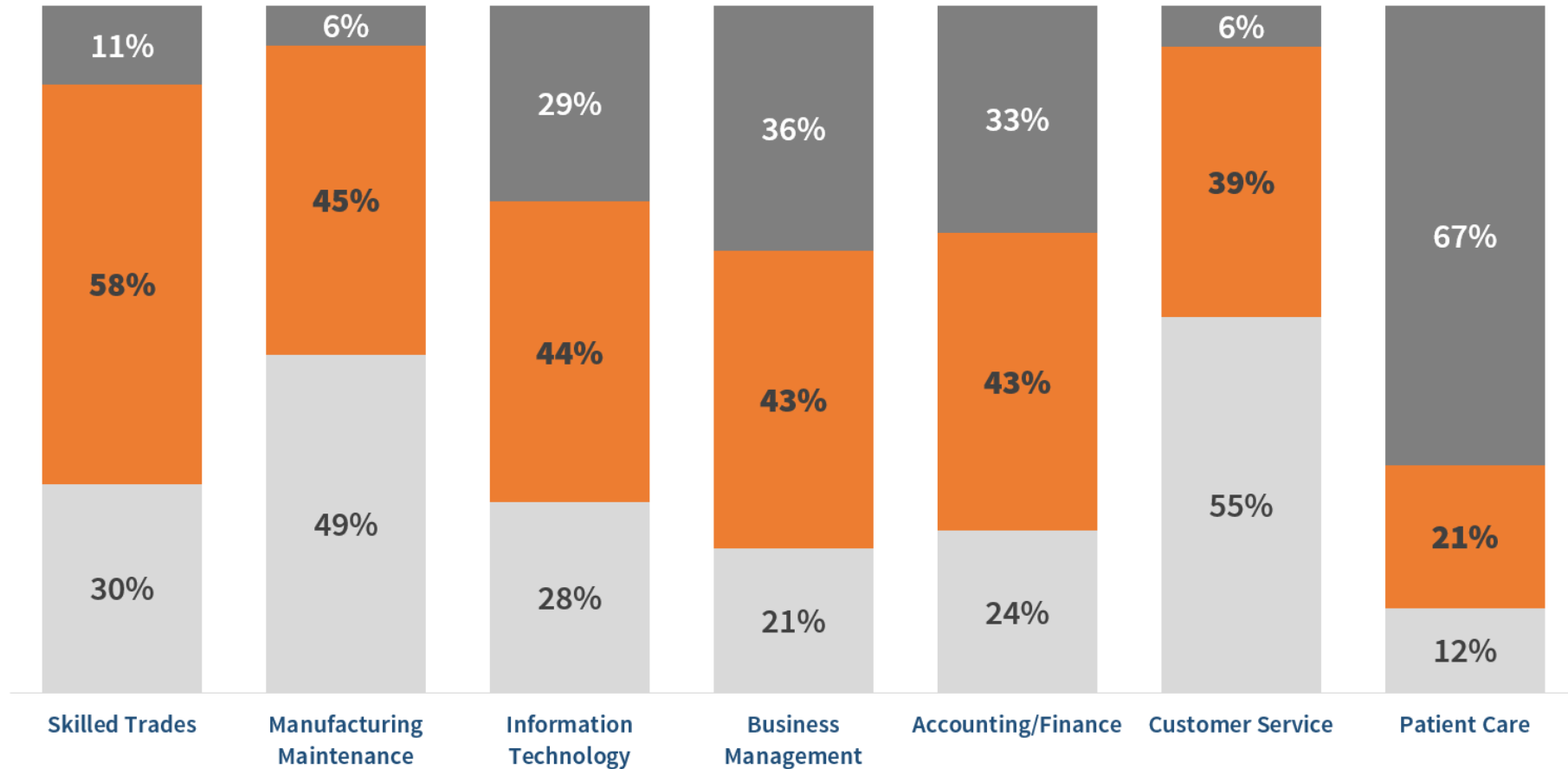
Middle-skilled workers are needed everywhere

Middle-Skill: Requires training or education beyond high school but less than 4-year degree

4 out of 7

Functional business areas need middle-skills to meet skill shortages in St. Louis

Source: St. Louis Community College State of the Workforce 2017 Survey



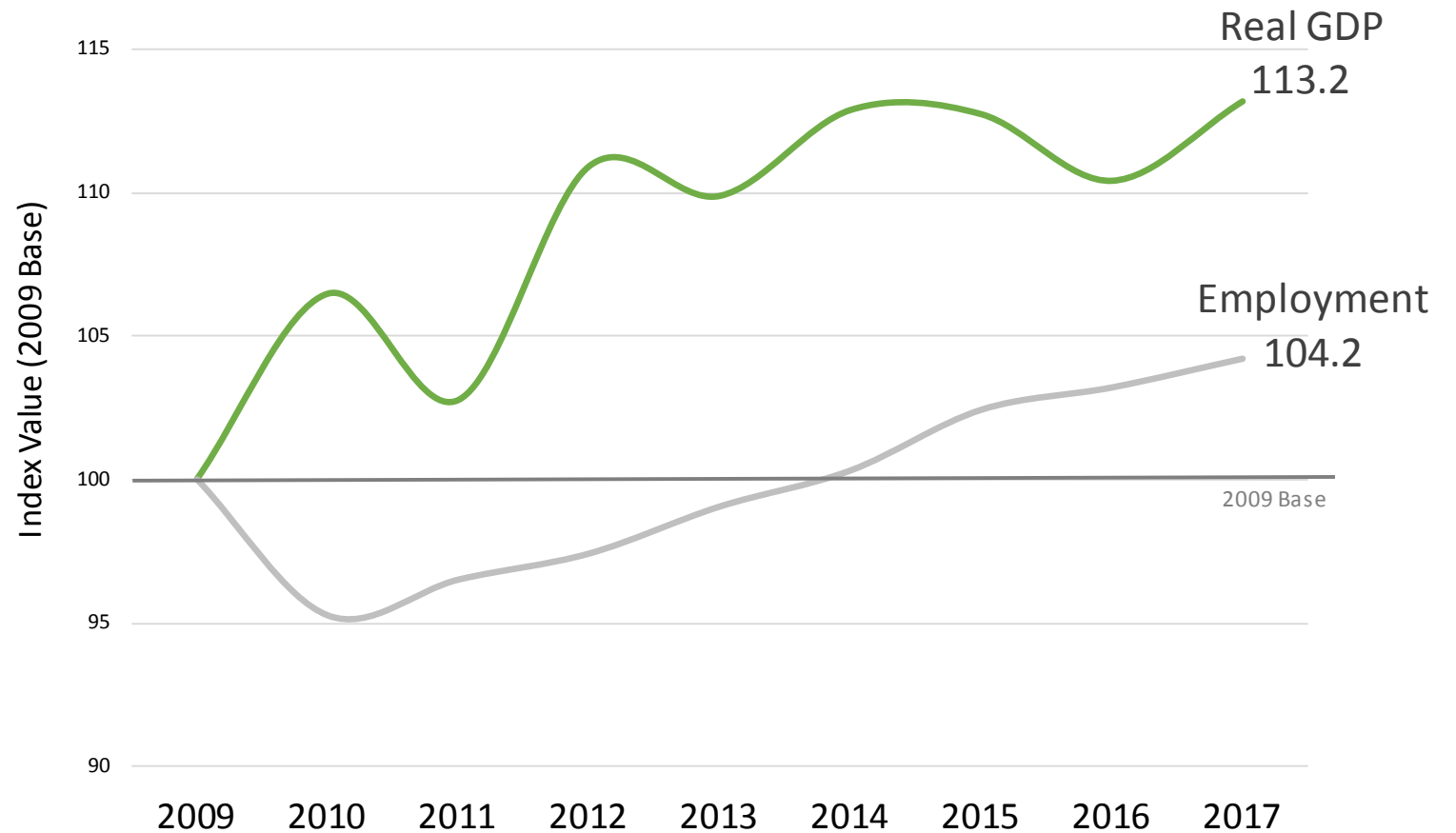
Manufacturing job growth is slower than GDP growth

Missouri Manufacturing Productivity

▲ **13%** GDP

▲ **4%** jobs

Missouri Manufacturing GDP and Employment Growth



High-demand jobs are in the service sector and range broadly in skill level

Missouri's fastest growing jobs through 2026

Forecasted to increase by more than 10%

**High
Skill**

Healthcare Practitioners & Technical Occupations
Computer & Math Occupations
Life, Physical, & Social Science Occupations

**Middle
Skill**

Healthcare Support Occupations
Construction Occupations

Low Skill

Personal Care Occupations

Social impact measures are harder to track than economic indicators

Wages Differ by Region

Welder

2016 Average Annual Pay

\$43k in Kansas City

\$34k in Northeast Region

\$31k in South Central Region

It's difficult to get timely and detailed information on social impacts:

Crime Rates, Housing Costs, Poverty, Impact on Diverse Populations etc.

Sources: Bureau of Labor Statistics for Occupational Wages and Unemployment Rates.

April 2018 Unemployment Rates

Southeast region often highest

