

A Study of Factors Impacting Resiliency



Brian Lewandowski
Associate Director, Business Research Division
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Project Team

Colorado Research Team:

Brian Lewandowski
Richard Wobbekind
University of Colorado
Leeds School of Business
Business Research Division

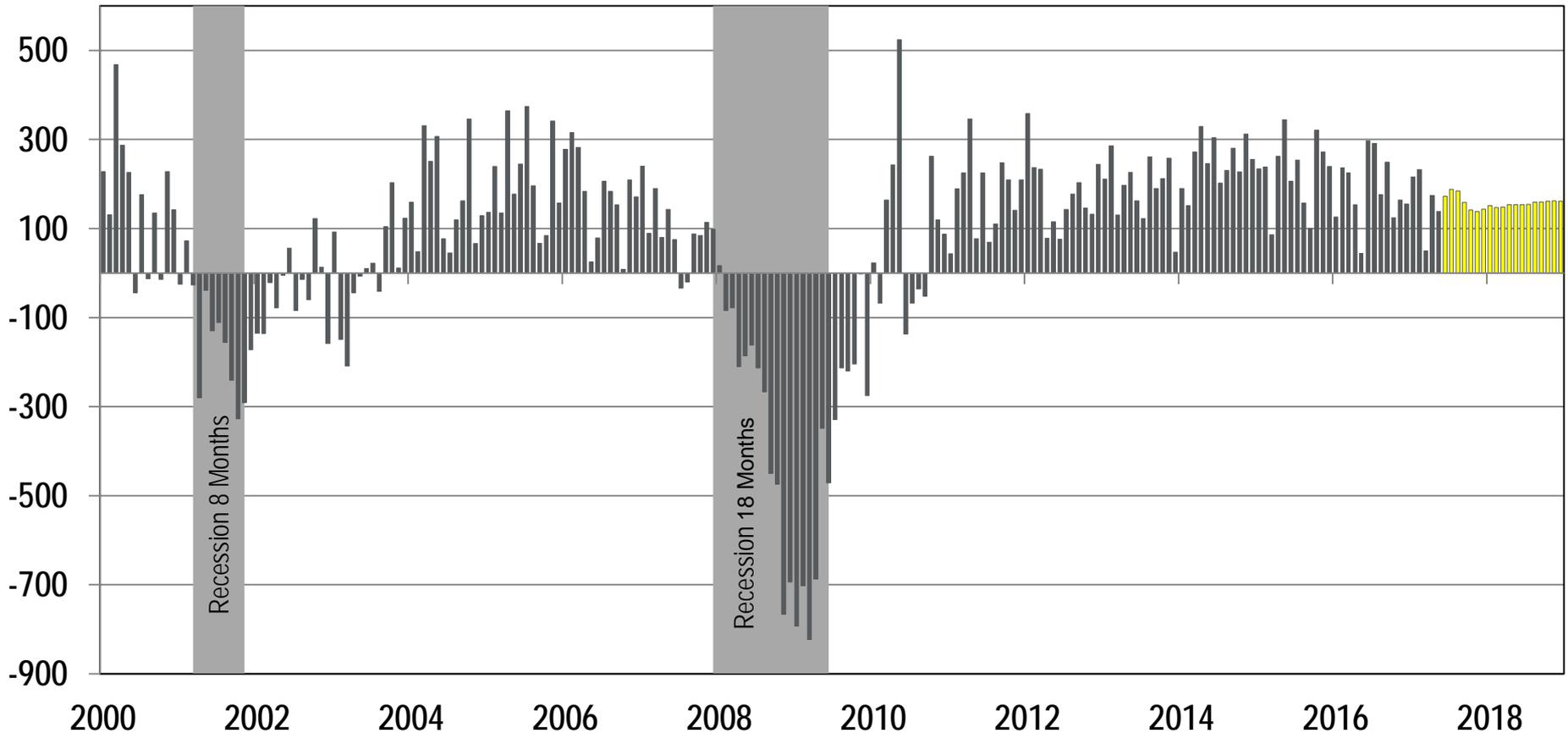
Colorado Office of Economic Development and
International Trade

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National Employment

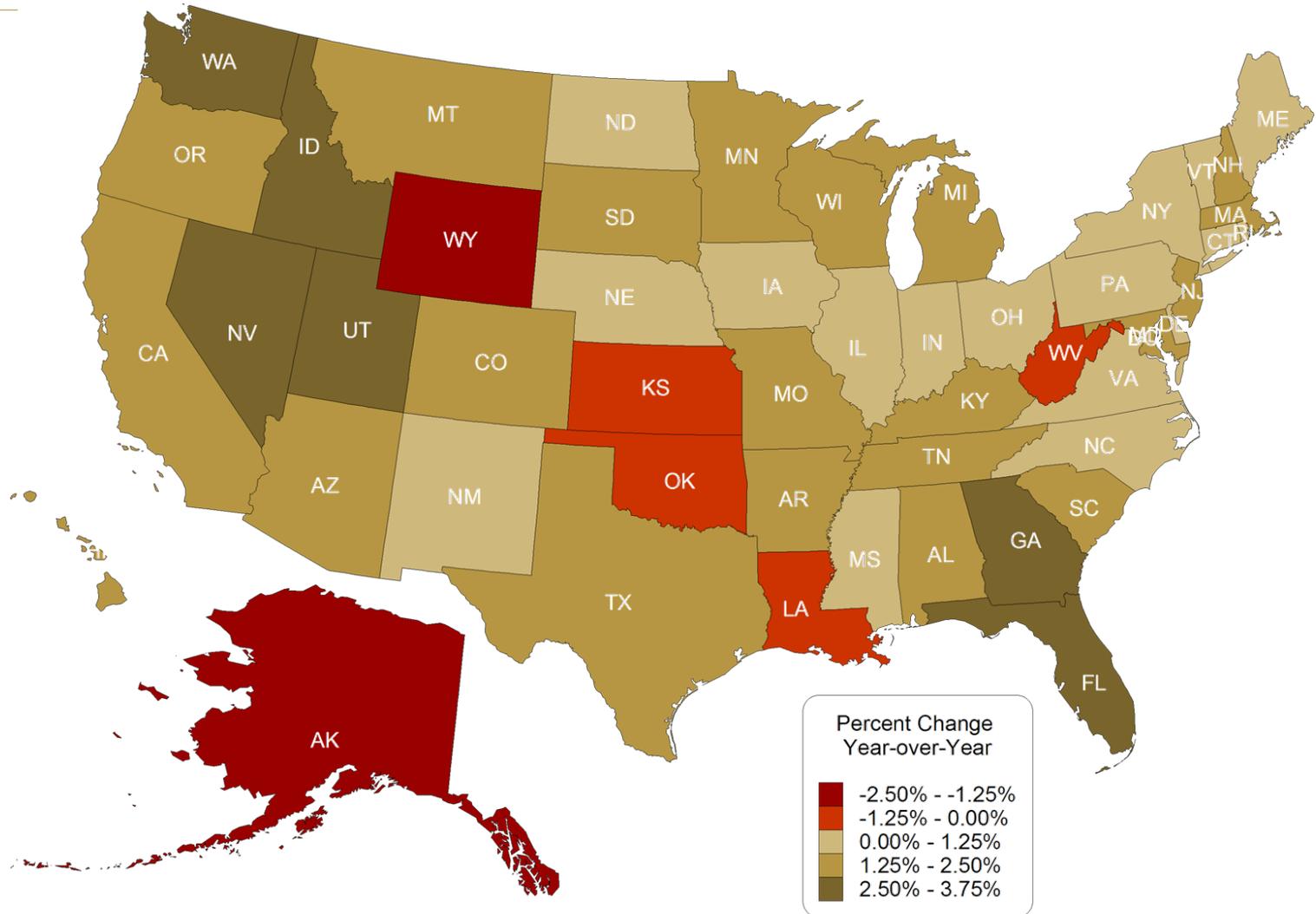
Thousands, Month-over-Month



Sources: Bureau of Labor Statistics (Seasonally Adjusted), National Bureau of Economic Research, Moody's Analytics, and the BRD.

Employment Recovery

1-Year Growth, April 2017



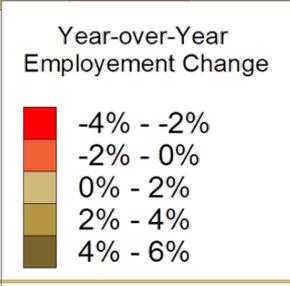
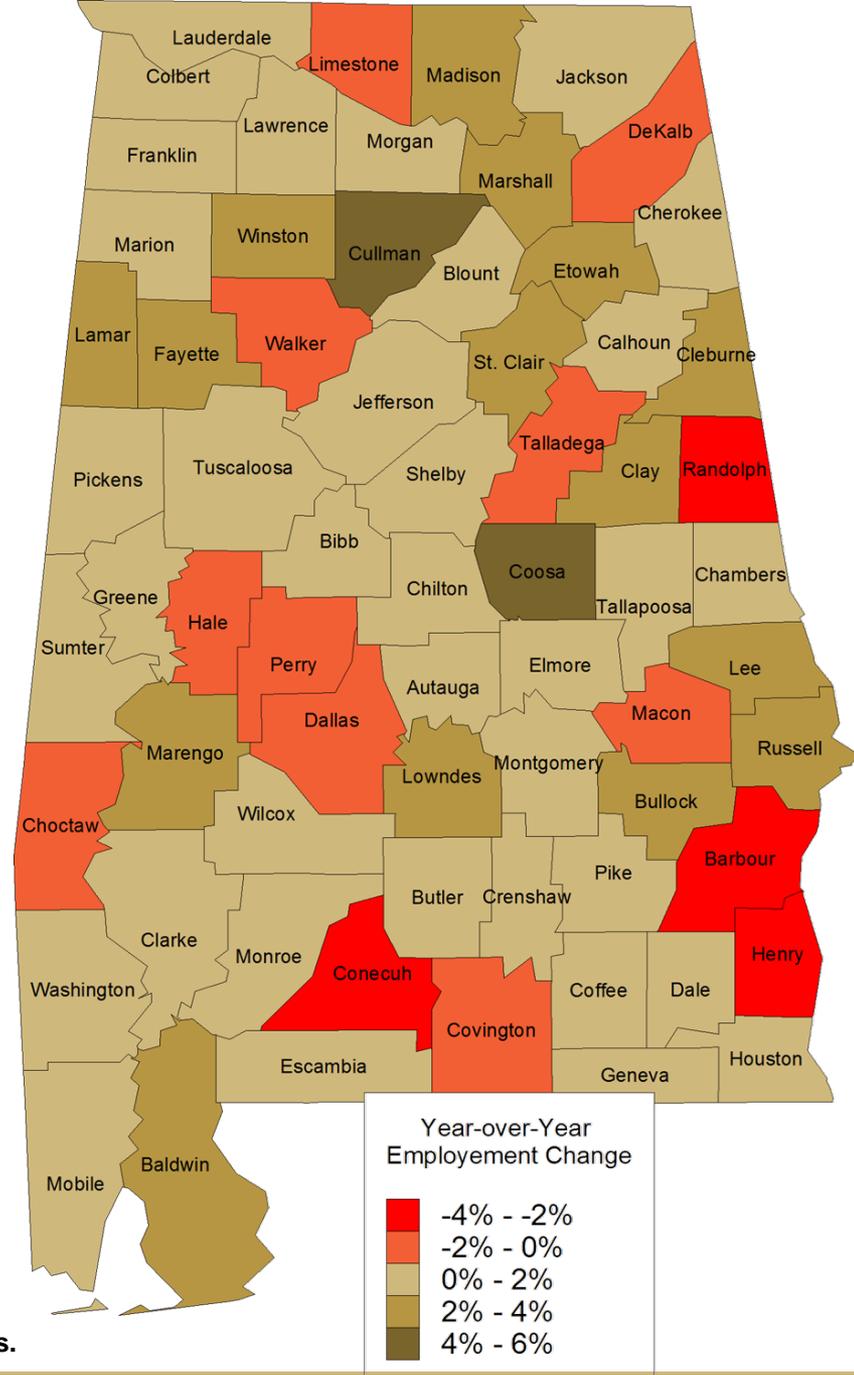
Source: Bureau of Labor Statistics, Current Employment Statistics (Seasonally Adjusted).

Employment Growth

Alabama Year-over-Year Change

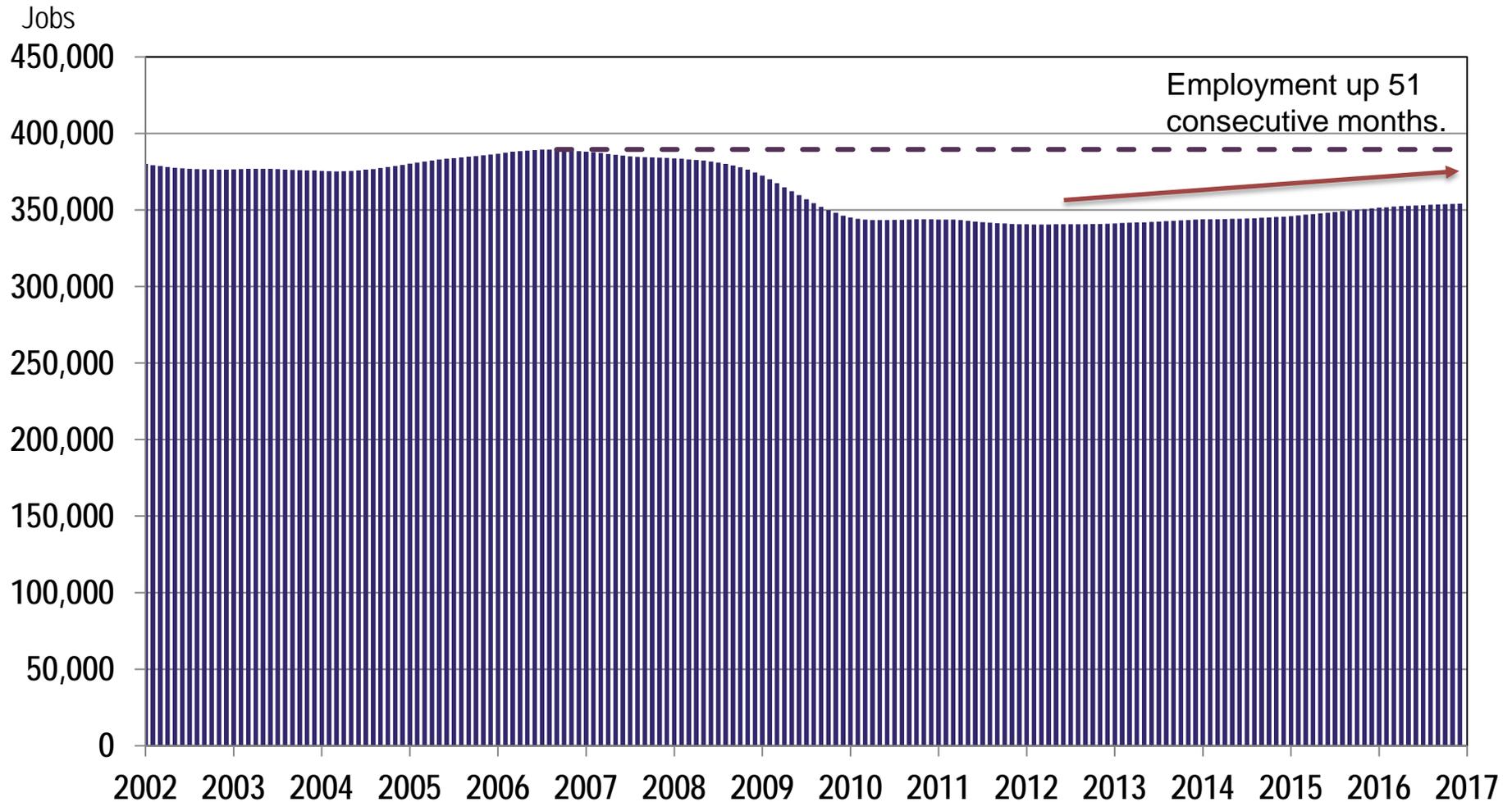
Year-over-Year Growth (2016)

- 73% of rural counties
- 87% of urban counties
- 14 still in decline



Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages.

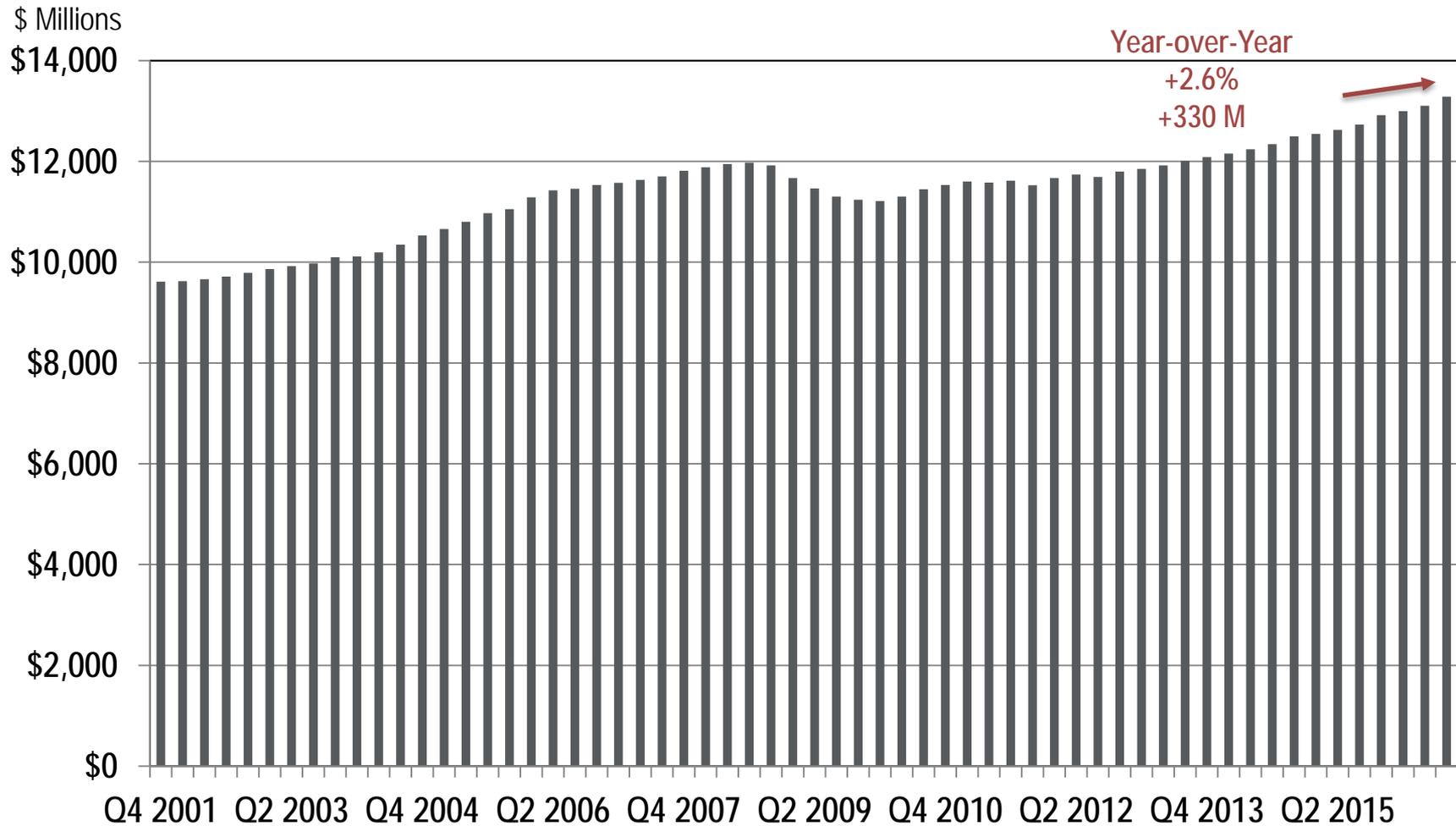
Rural Alabama Covered Employment



Source: Bureau of Labor Statistics, QCEW.

Rural Alabama Covered Wages

Annual (4Q Rolling)

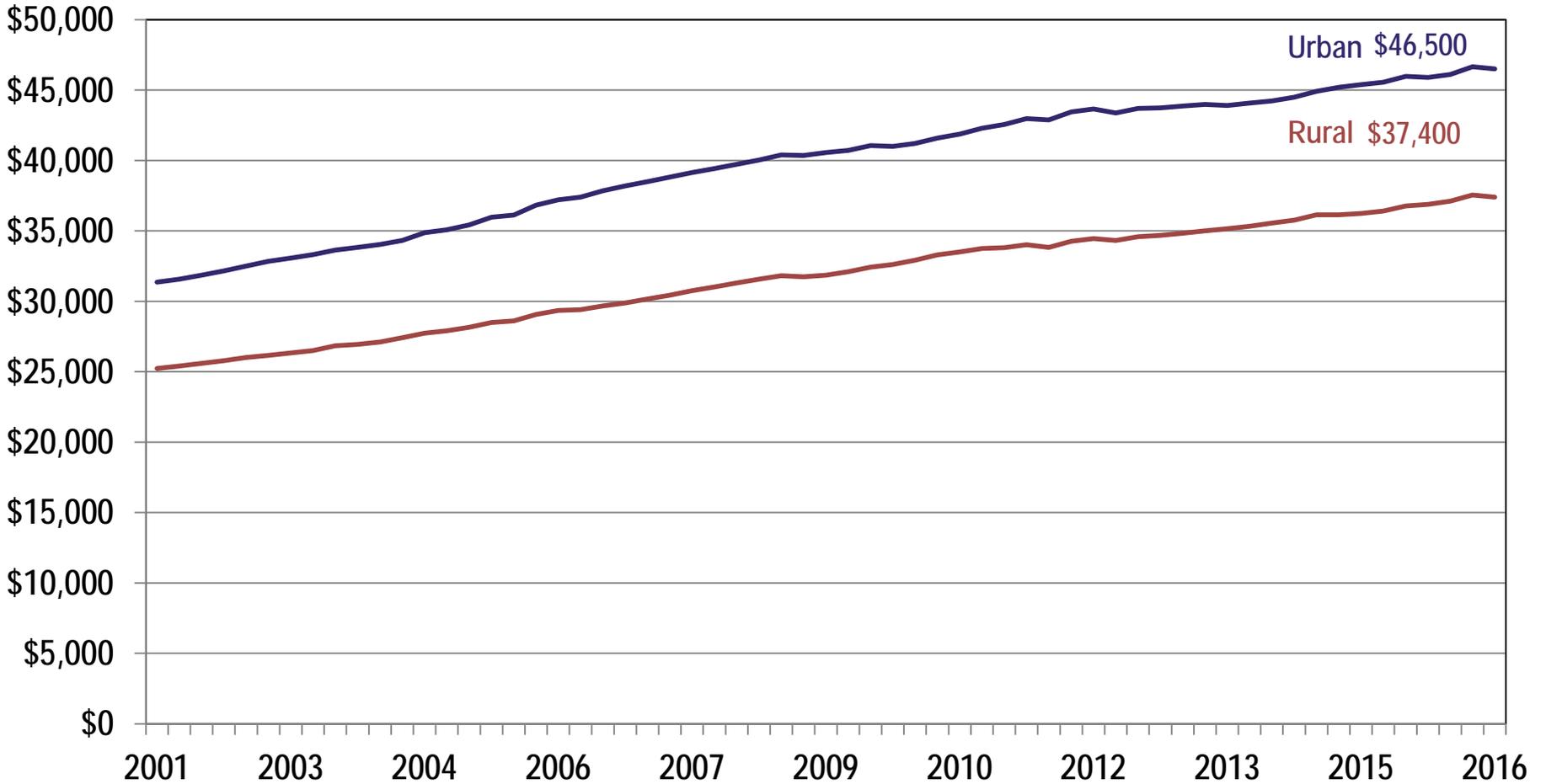


Source: Bureau of Labor Statistics, QCEW.

Alabama Average Wages

Annual Rate (4Q)

Average Wage (Dollars)



Urban \$46,500

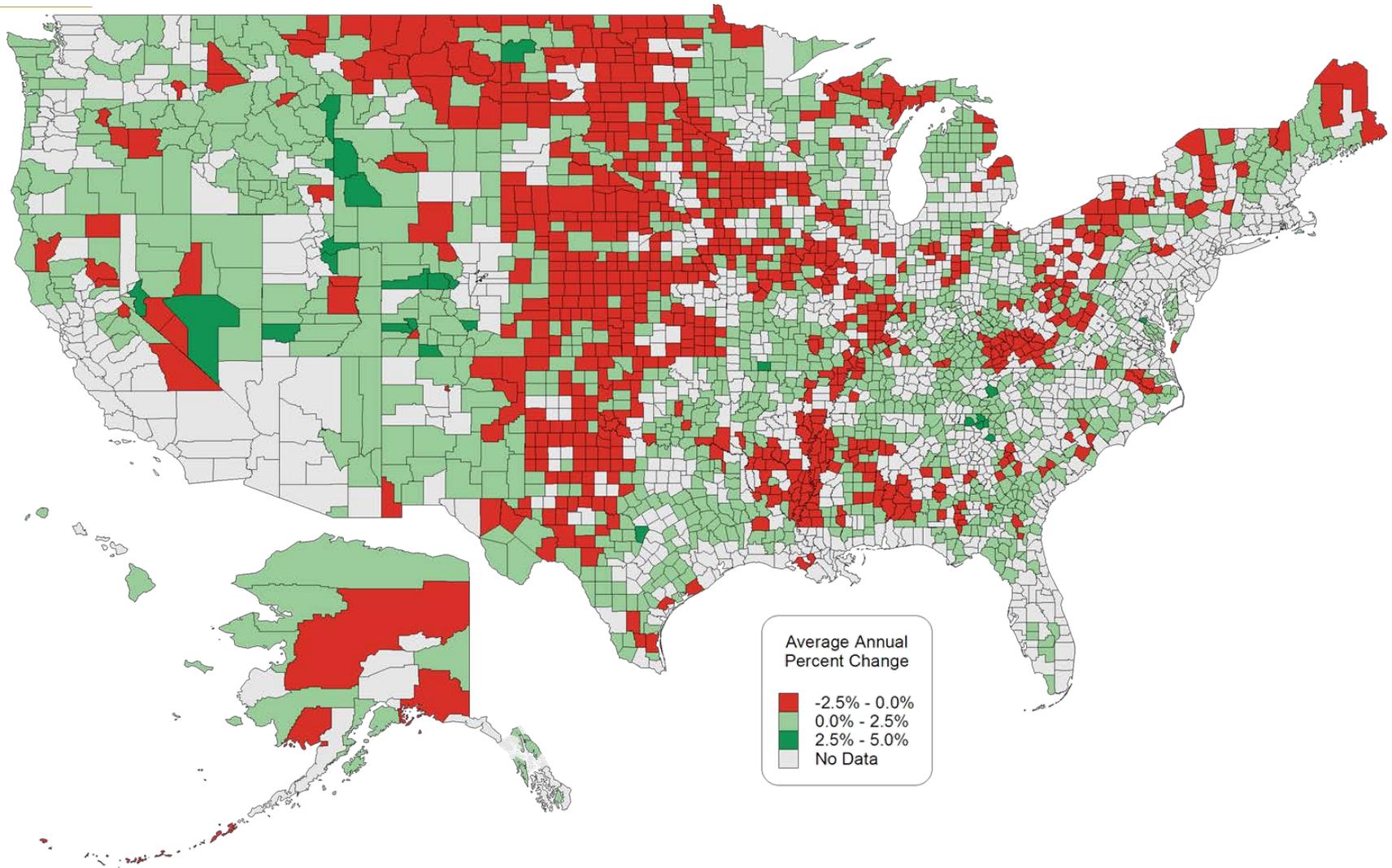
Rural \$37,400

Source: Bureau of Labor Statistics, QCEW.

Resiliency Project: Data and Economic Metrics

Nonmetro County Population Growth

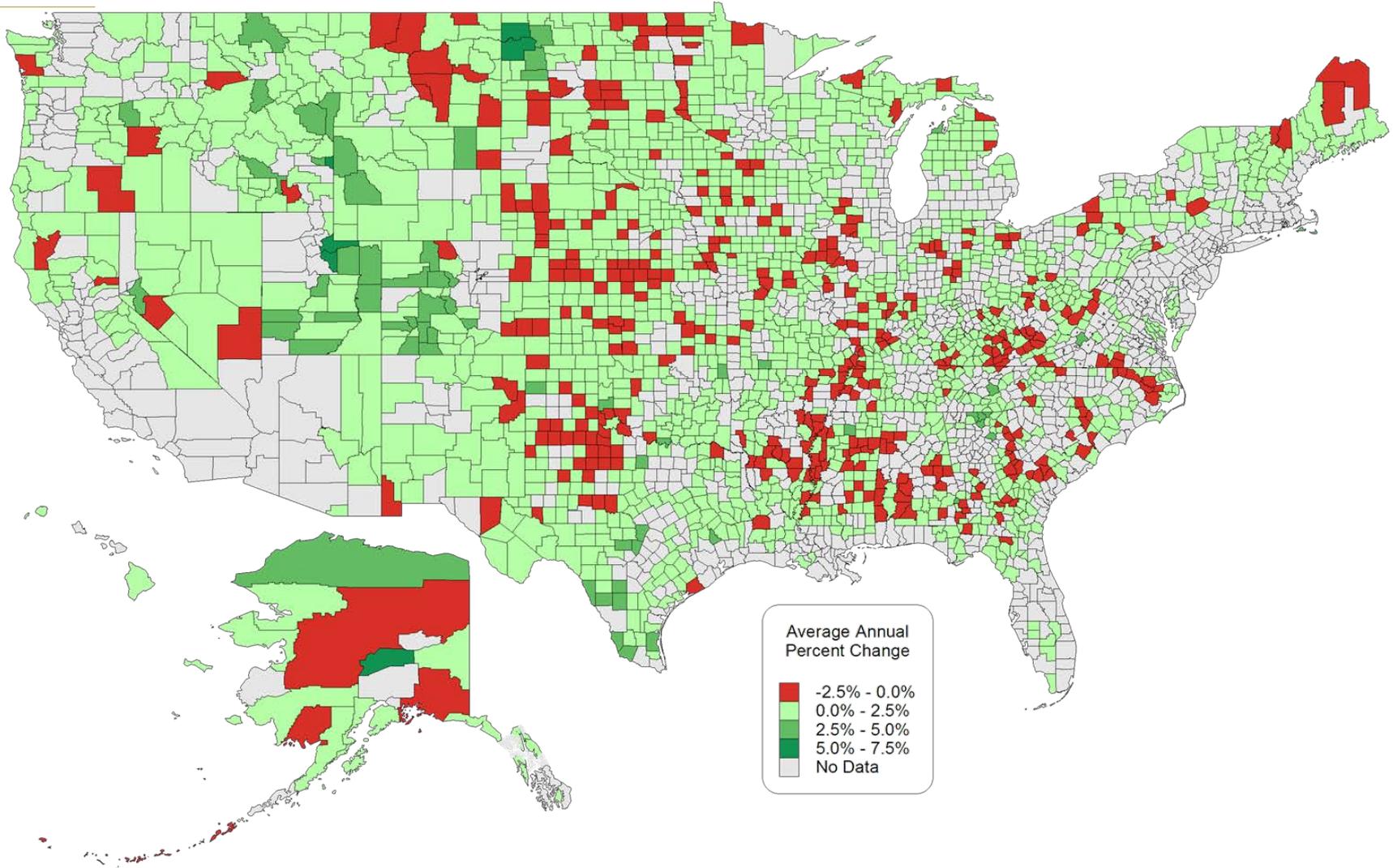
Average Annual Growth, 1990–2015



Source: Bureau of Economic Analysis. Note: Gray shading represents metropolitan counties.

Nonmetro County Employment Growth

Average Annual Growth, 1990–2015

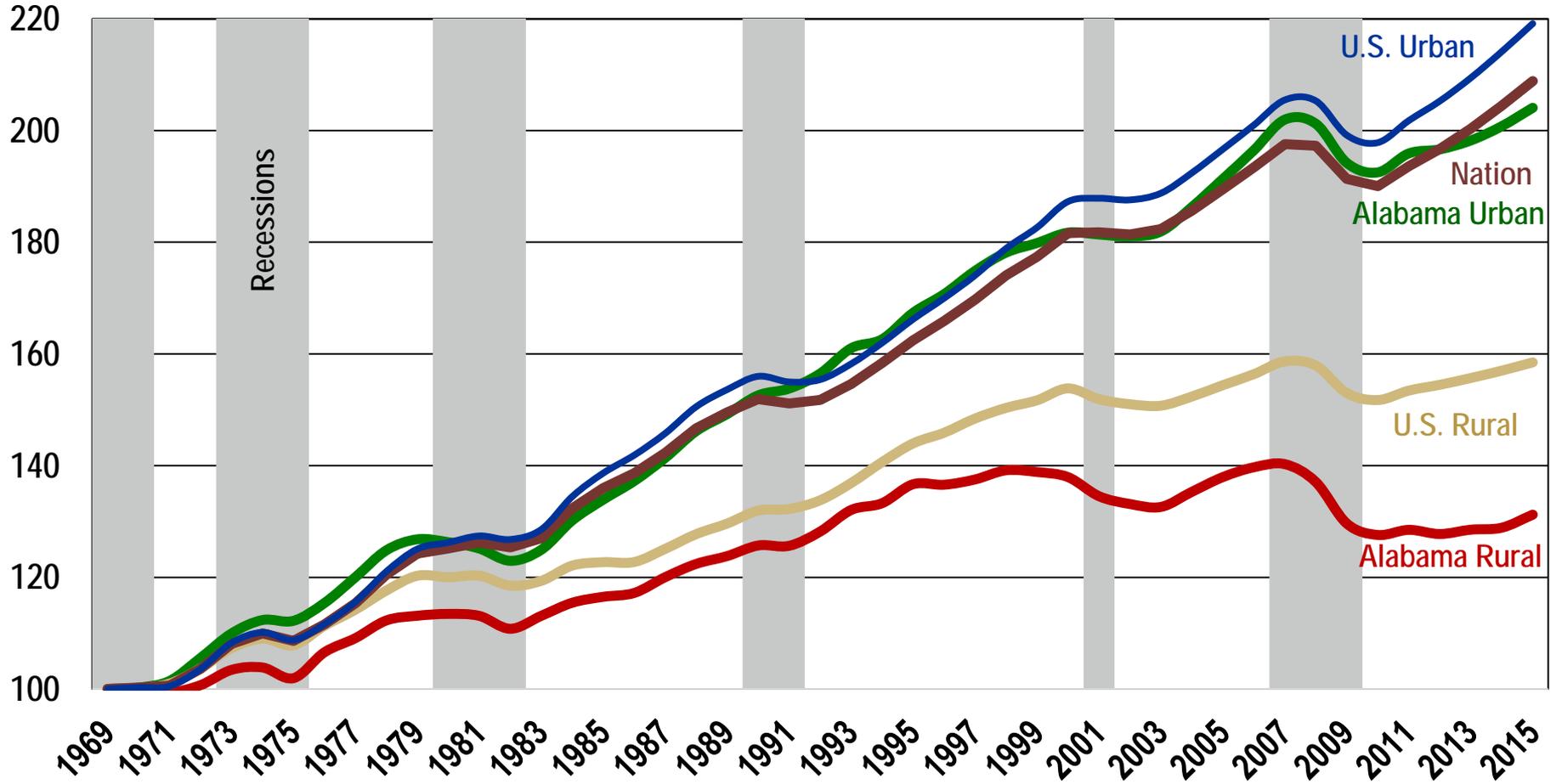


Source: Bureau of Economic Analysis. Note: Gray shading represents metropolitan counties.

Total Employment

Indexed Growth, 1969-2015

Indexed, 1969=100

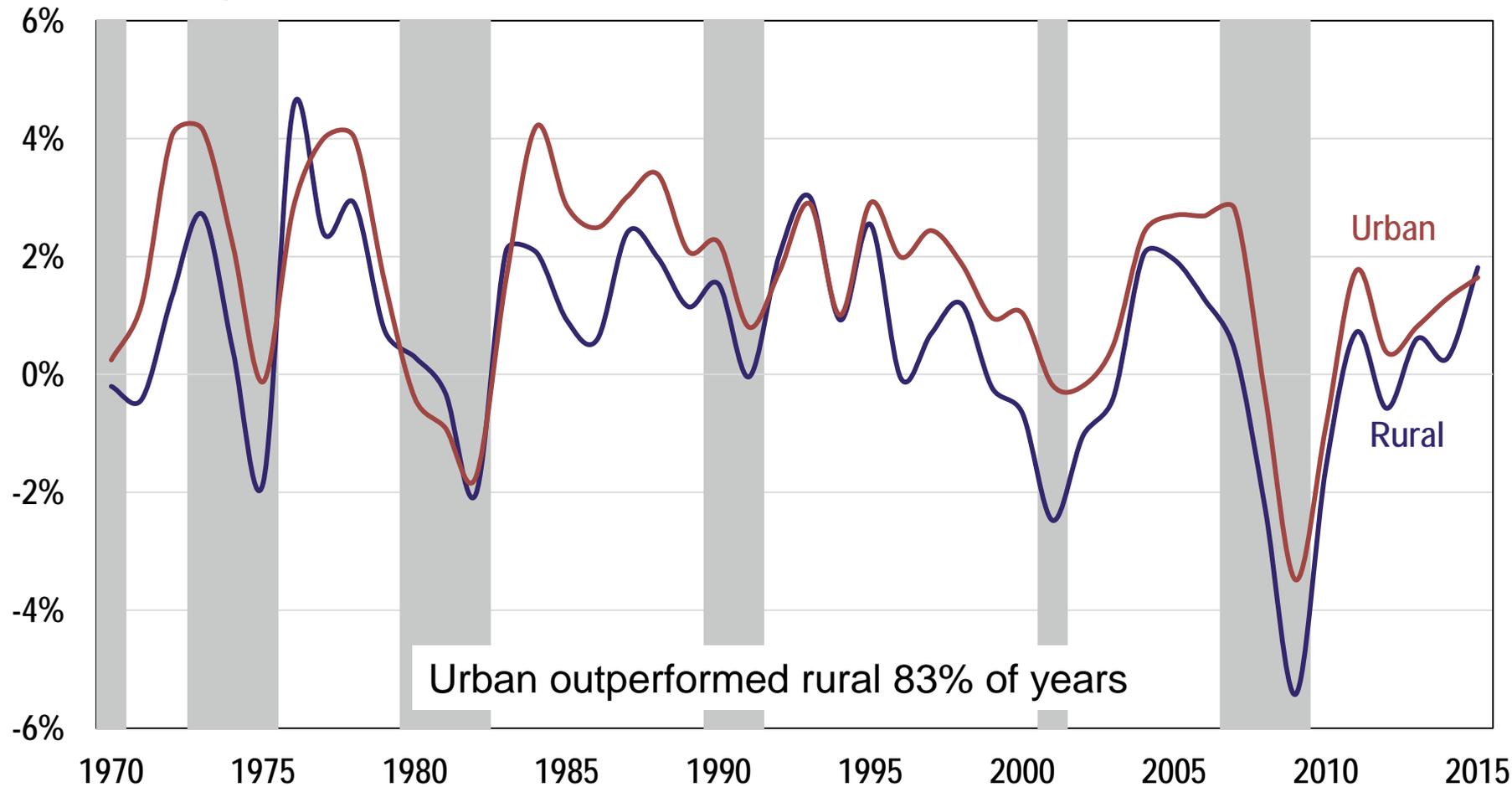


Sources: Bureau of Economic Analysis, National Bureau of Economic Research.

Alabama Employment Growth

Rural v. Urban

YoY Percent Change

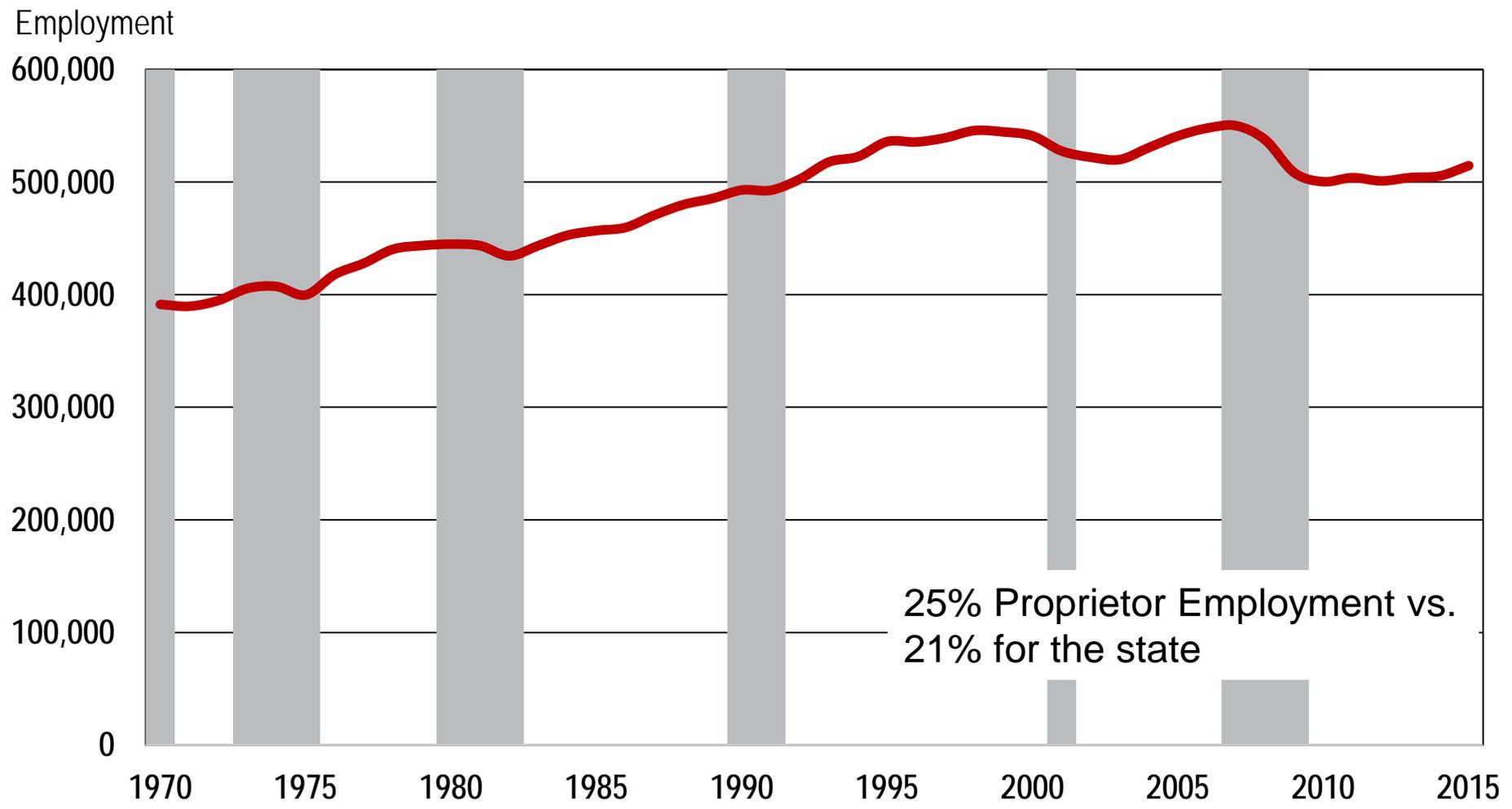


Urban outperformed rural 83% of years

Sources: Bureau of Economic Analysis, National Bureau of Economic Research.

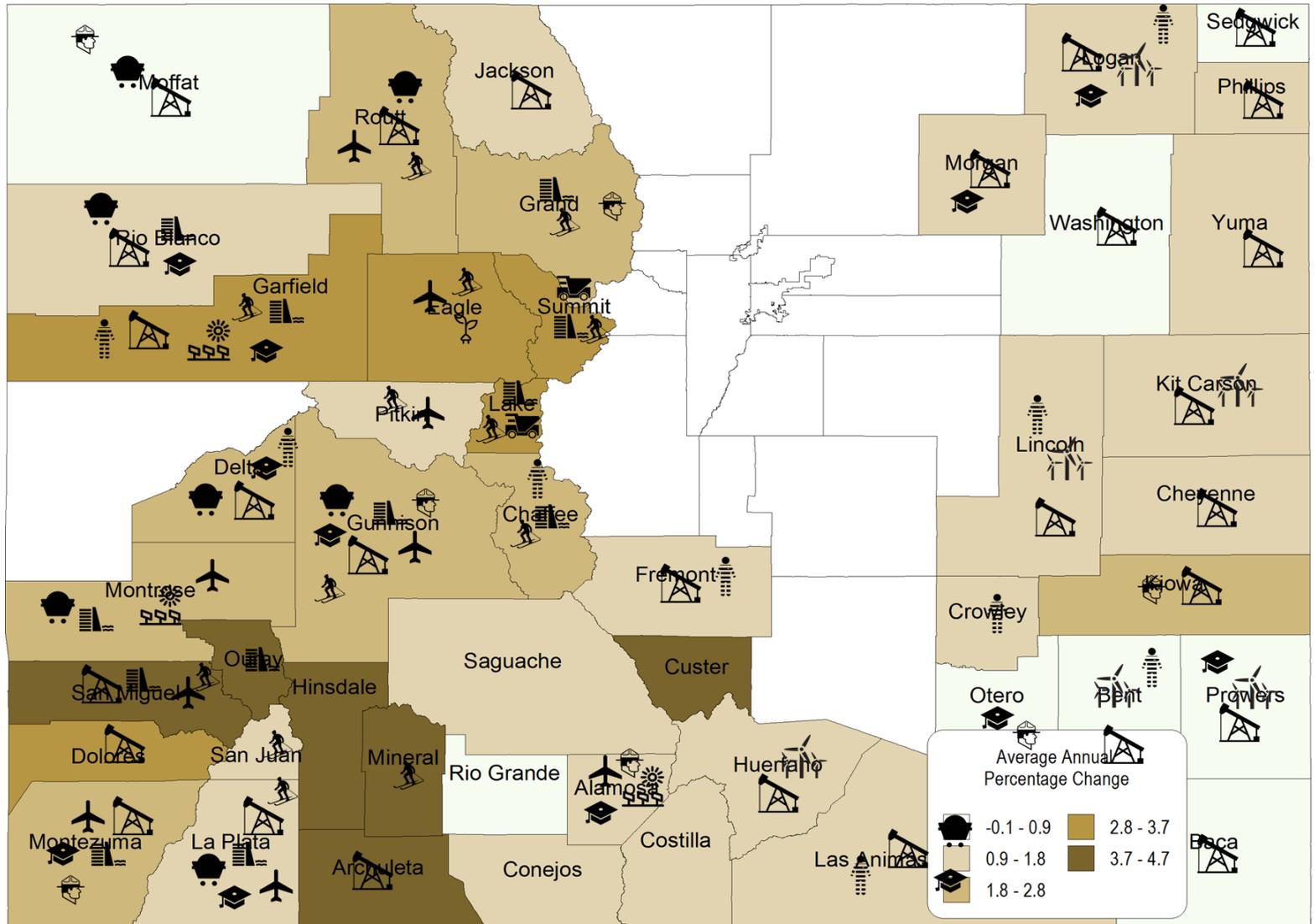
Total Employment

Rural Alabama Counties



Sources: Bureau of Economic Analysis, National Bureau of Economic Research.

Employment Growth and Assets

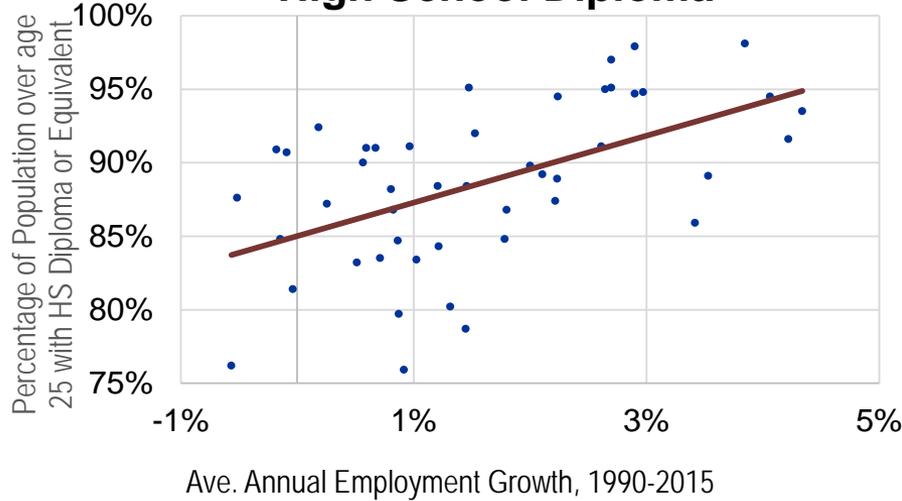


Sources: Bureau of Economic Analysis, COGCC, Energy Information Administration, Colorado Department of Transportation, Colorado Department of Higher Education, Colorado Ski Country USA.

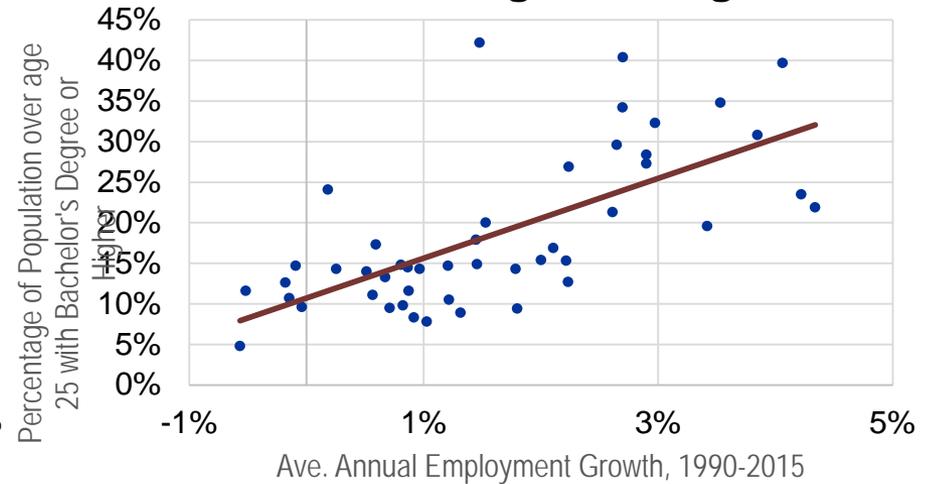
Education and Employment Growth

Colorado Rural Counties

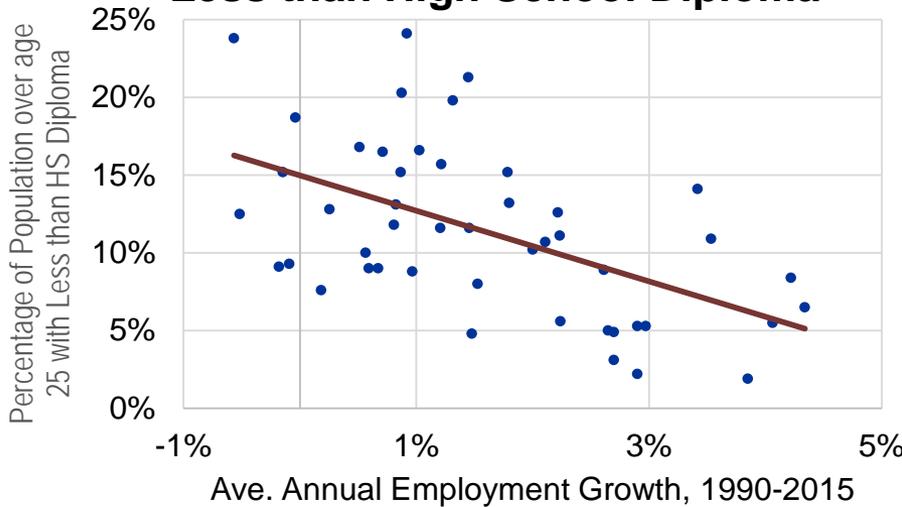
High School Diploma



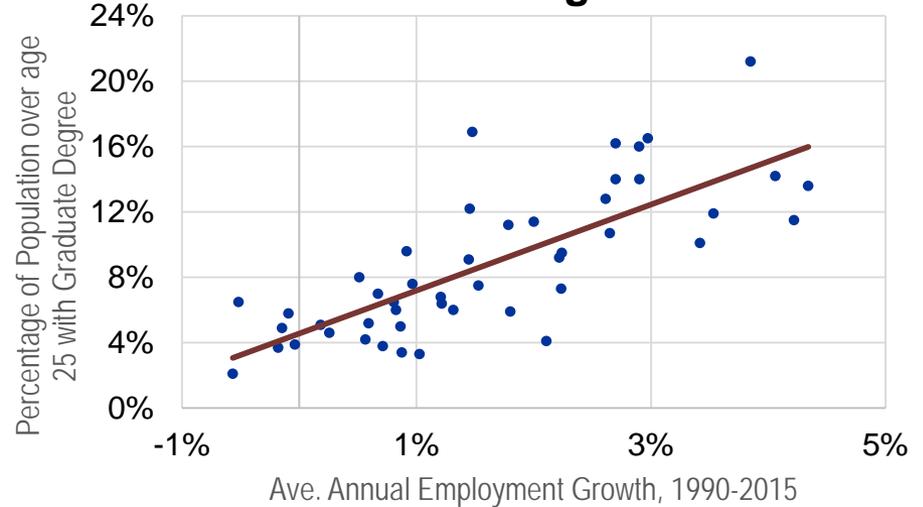
Bachelor's Degree or Higher



Less than High School Diploma



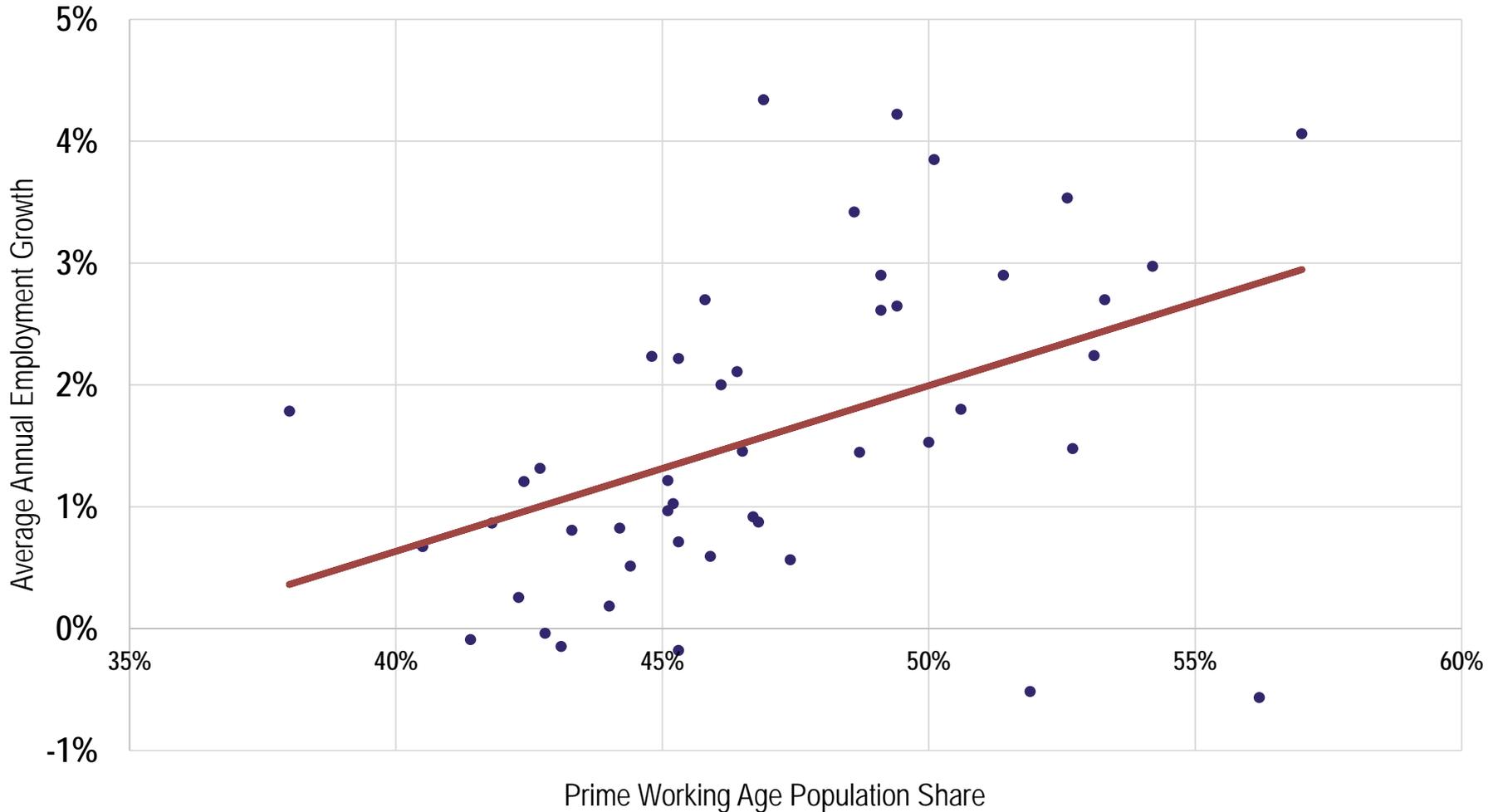
Graduate Degree



Sources: U.S. Census Bureau and the Bureau of Economic Analysis.

Employment and Prime Working Age Pop

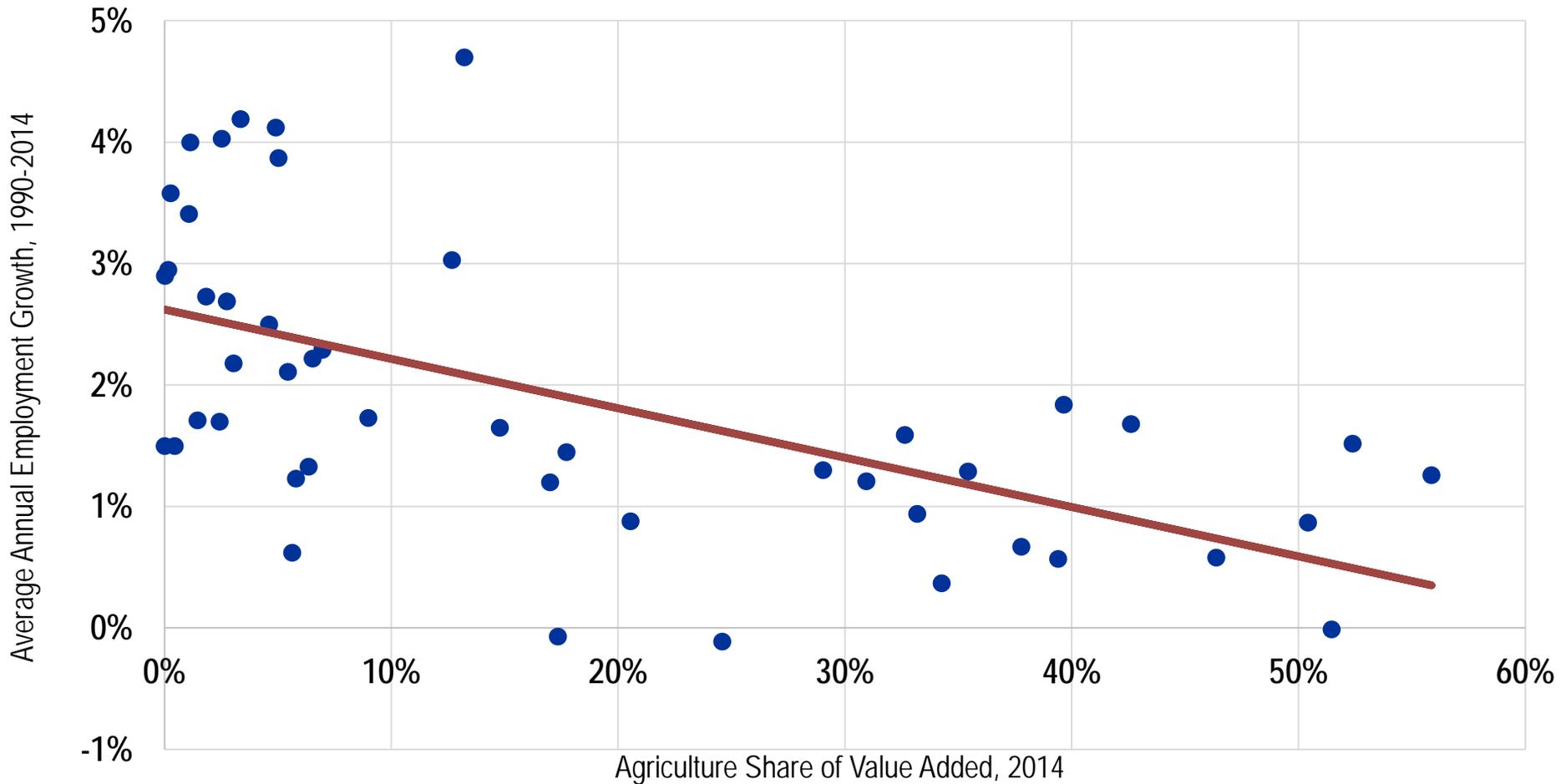
Colorado Rural Counties



Sources: Bureau of Economic Analysis, Bureau of Economic Analysis.

Share of Value Added

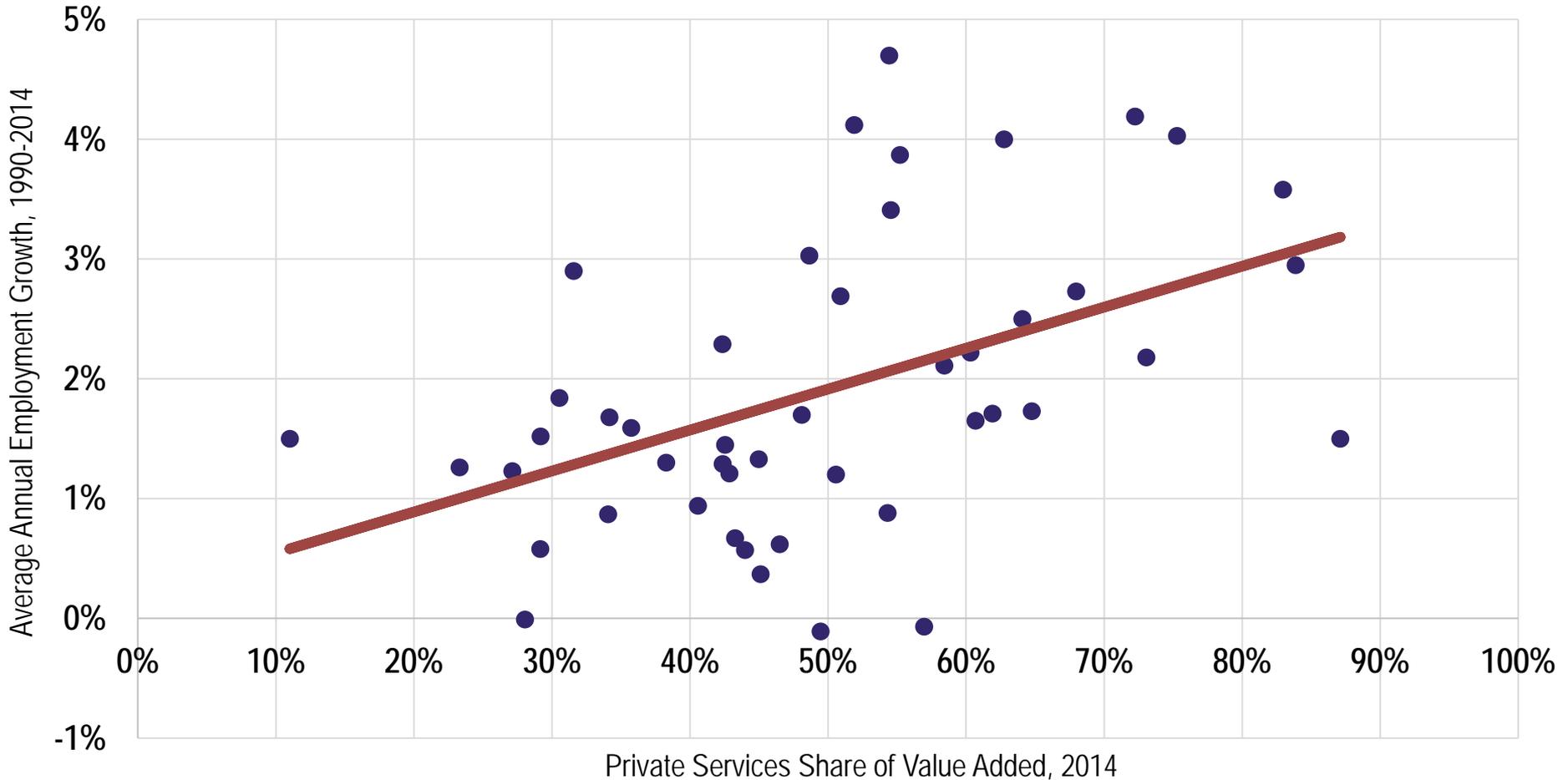
Colorado Total Employment Growth and Agriculture



Sources: Bureau of Economic Analysis, IMPLAN.

Share of Value Added

Colorado Total Employment Growth and Private Services



Sources: Bureau of Economic Analysis, IMPLAN.

Focus Groups

Helping Resiliency

- Demographics
- Industry diversity
- Strong leadership
- Education and healthcare
- Transportation access
- Quality of life
- Broadband
- Leadership

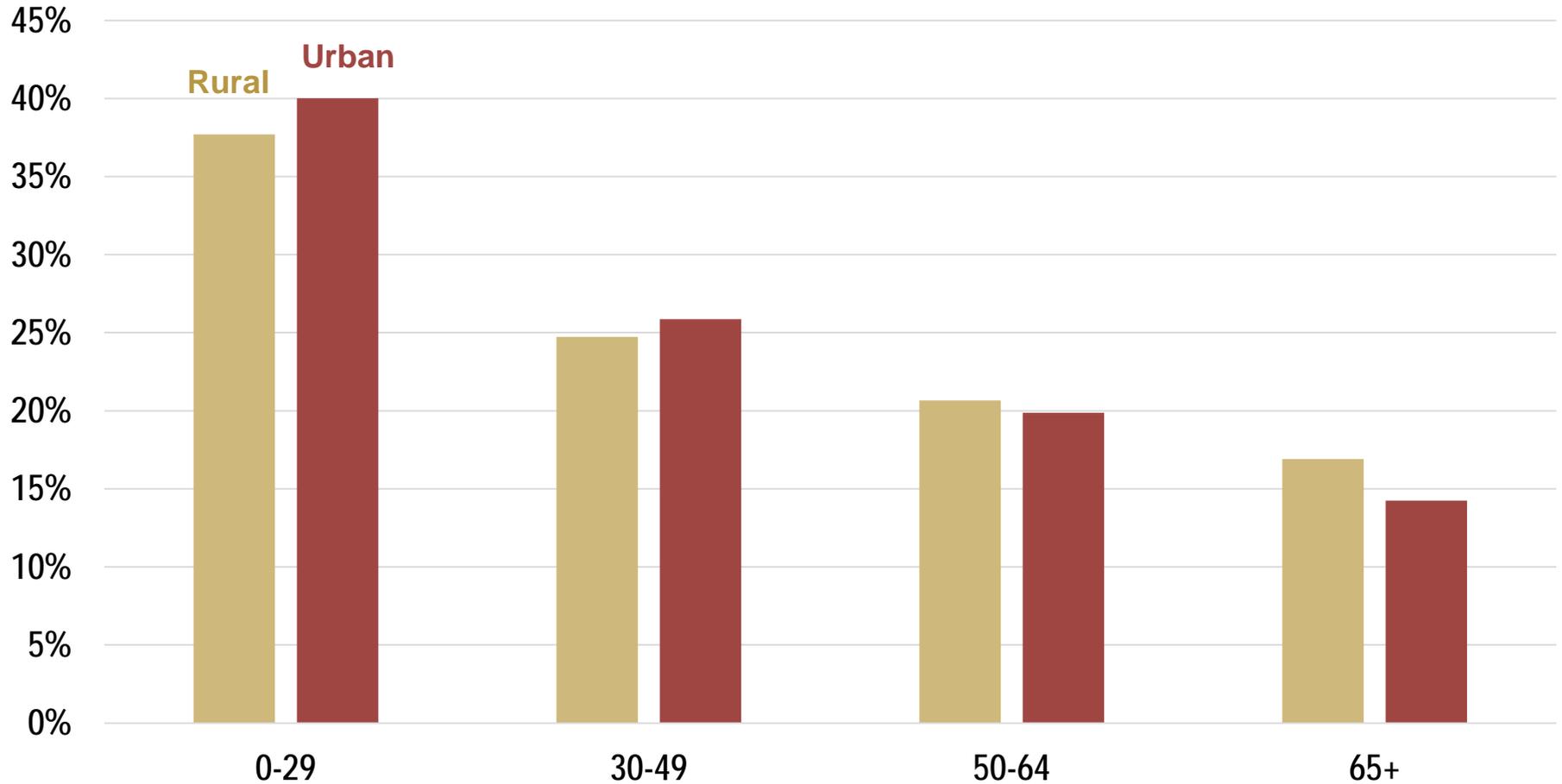
Inhibitors

- Adequate, affordable housing
- Lack of available labor
- Youth and family retention
- Childcare

Alabama Population

Total by Age Cohort

Percent of Population

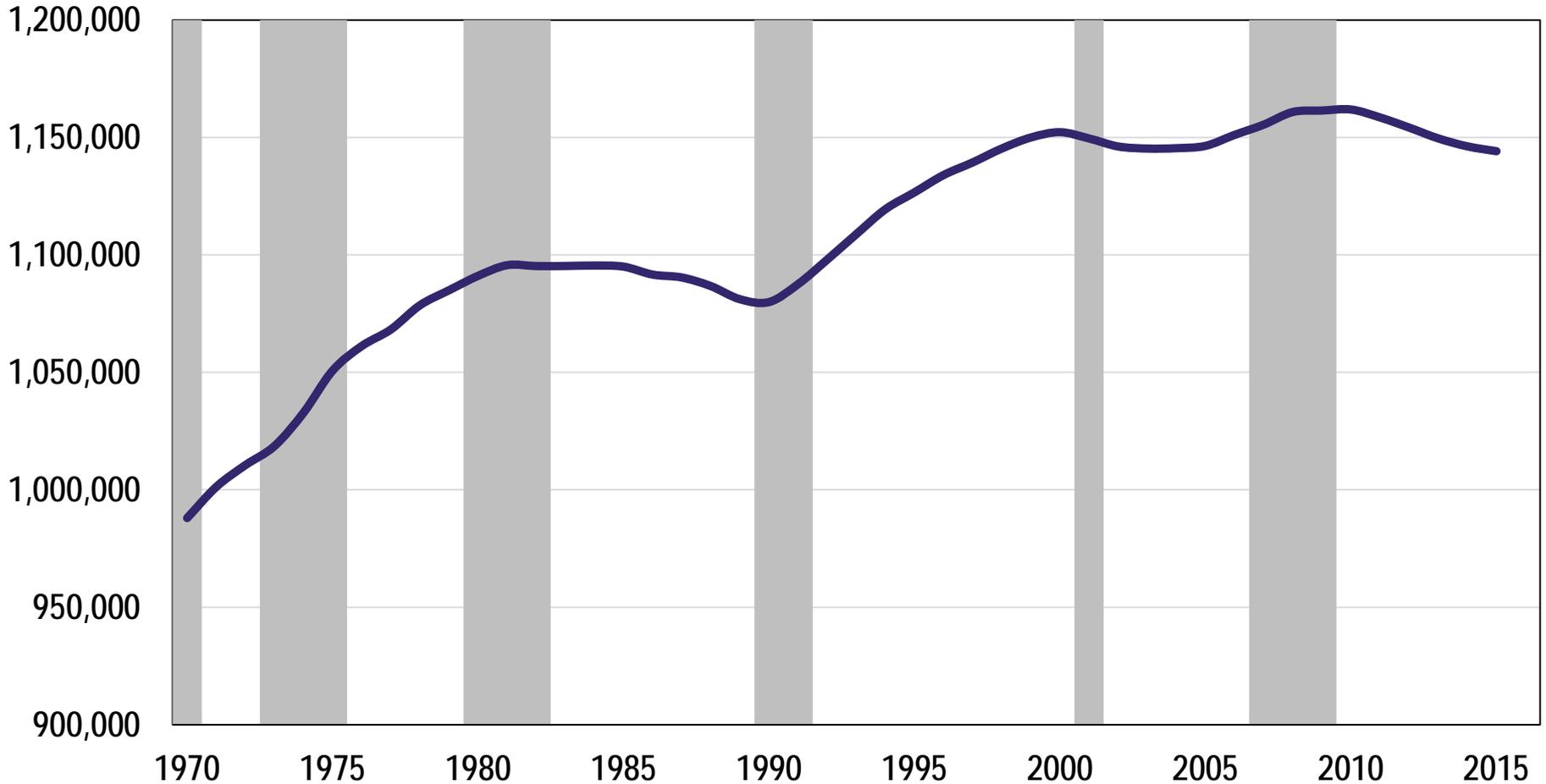


Source: U.S. Census Bureau, American Community Survey, 5-year estimates.

Population

Rural Alabama, 1970-2015

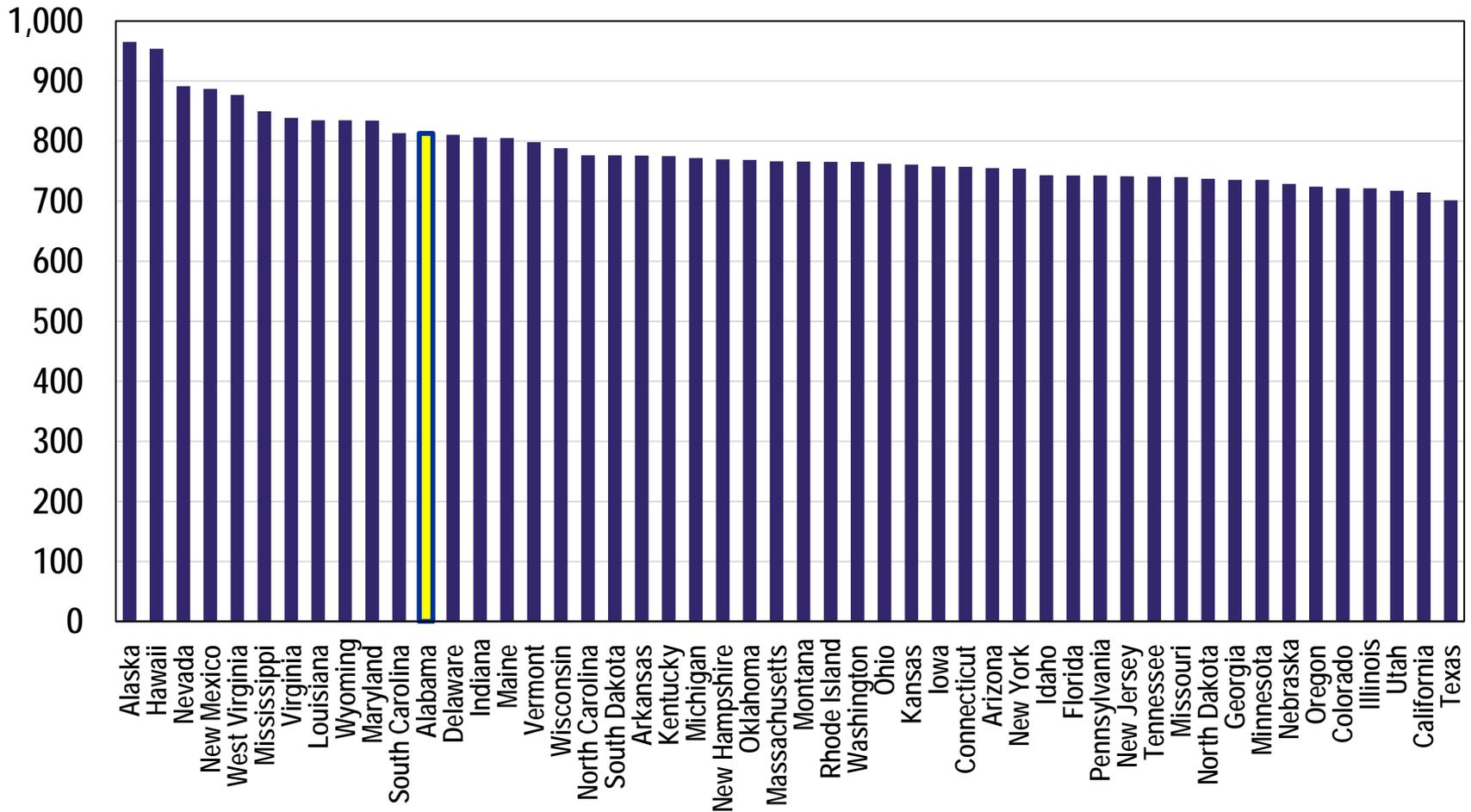
Population Total



Source: Colorado Demography Office. Includes Baca, Bent, Crowley, Kiowa, Otero, and Prowers counties.

Herfindahl-Hirschman Index

By State



Source: Calculations based on data from the Bureau of Economic Analysis.