



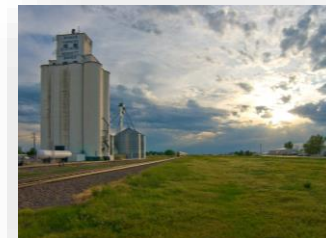
The Denver region: Growth with Challenges

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Chief Economist
April 18th, 2018



DRCOG Overview

- Quasi-governmental, public agency dedicating to serving local governments
- Local officials working together to address the region's challenges
- Each community has voice in regional decision-making
- Program areas:
 - Advocacy
 - Aging Services
 - Environment
 - Regional growth and development
 - Shared services
 - Transportation and traffic operations





Our mission and vision

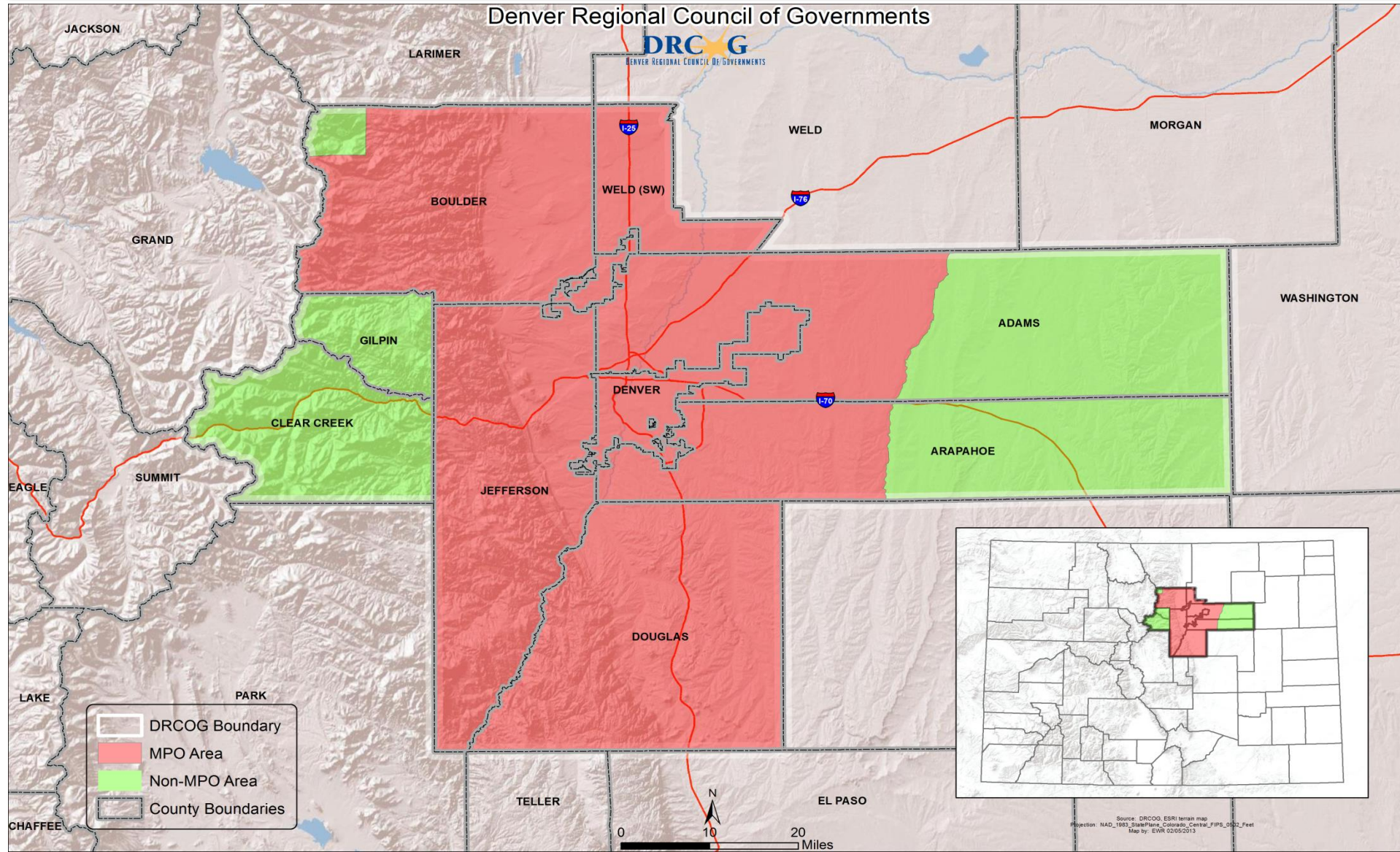
MISSION: The Denver Regional Council of Governments is a planning organization where local governments collaborate to establish guidelines, set policy, and allocate funding in the areas of:

- growth and development
- aging and disability resources
- transportation and personal mobility

VISION: Our region is a diverse network of vibrant, connected, lifelong communities with a broad spectrum of housing, transportation and employment, complemented by world-class natural and built environments.

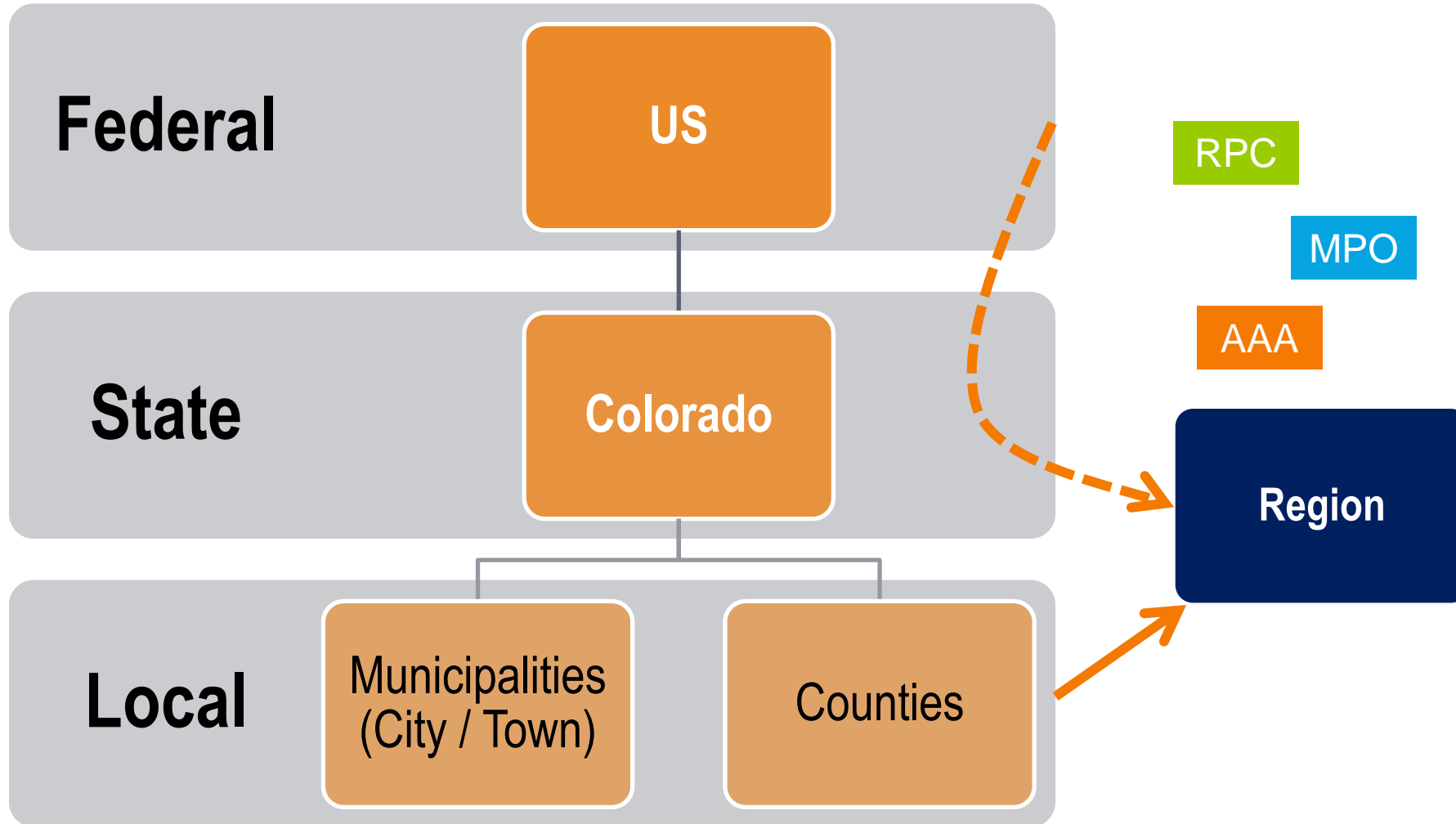


DRCOG Planning Area





What role do regions play?



The background of the image is a dynamic, abstract composition of light trails. These trails, in various colors including yellow, orange, blue, and purple, radiate from a central bright point, creating a sense of rapid motion and energy. The overall effect is reminiscent of a high-speed light show or a futuristic tunnel. A solid purple horizontal band is positioned across the middle of the image, serving as a backdrop for the text.

A VIBRANT, GROWING REGION



Strong, steady performance

- The Denver economy is ranked 18th largest out of all metropolitan areas at the end of 2016.
- Growth in the Denver metro area has been about 1% higher than U.S. growth between 2012-2016.

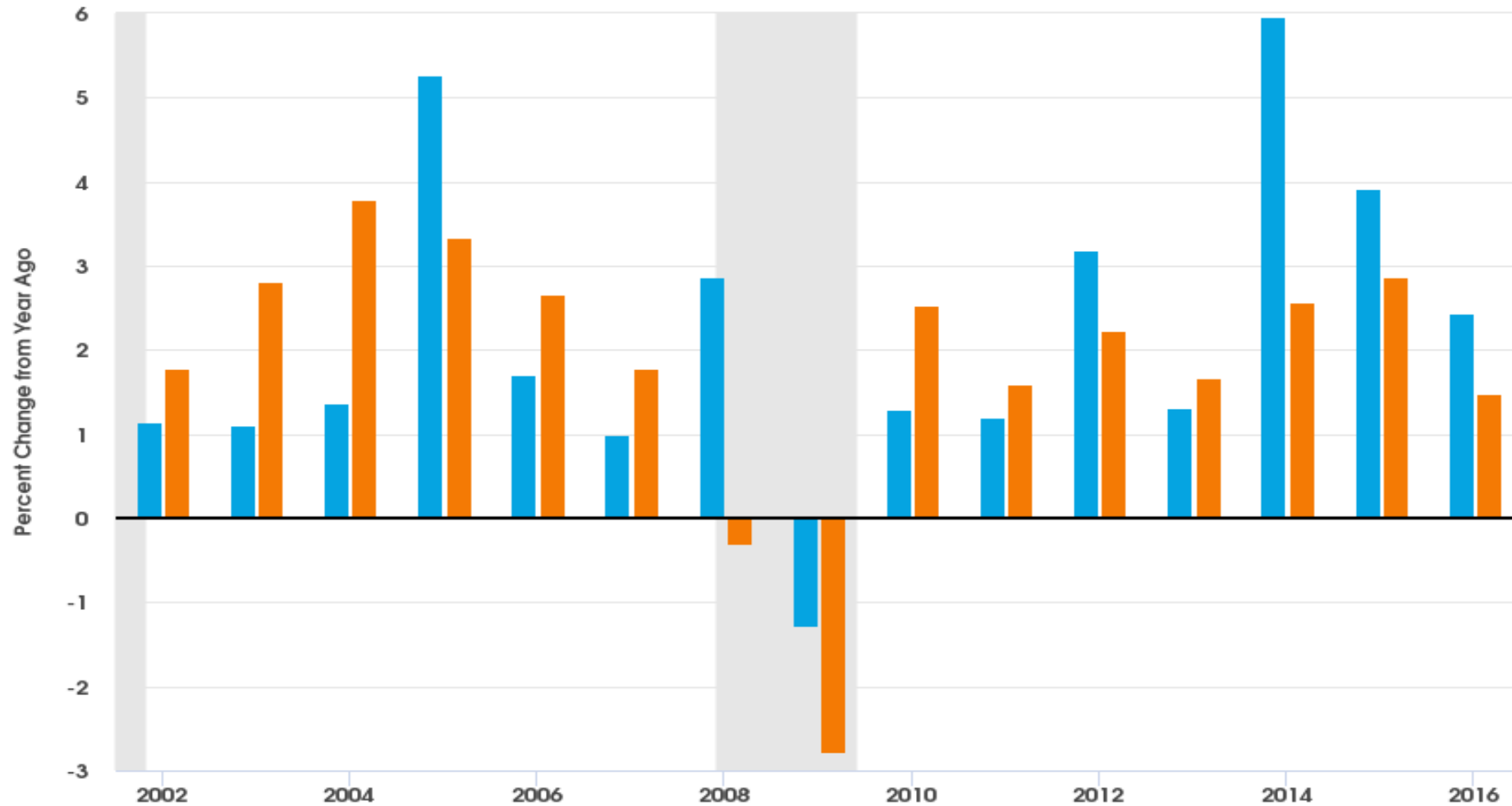




Outpacing the nation

FRED

- Total Real Gross Domestic Product for Denver-Aurora-Lakewood, CO (MSA)
- Real Gross Domestic Product



Shaded areas indicate U.S. recessions

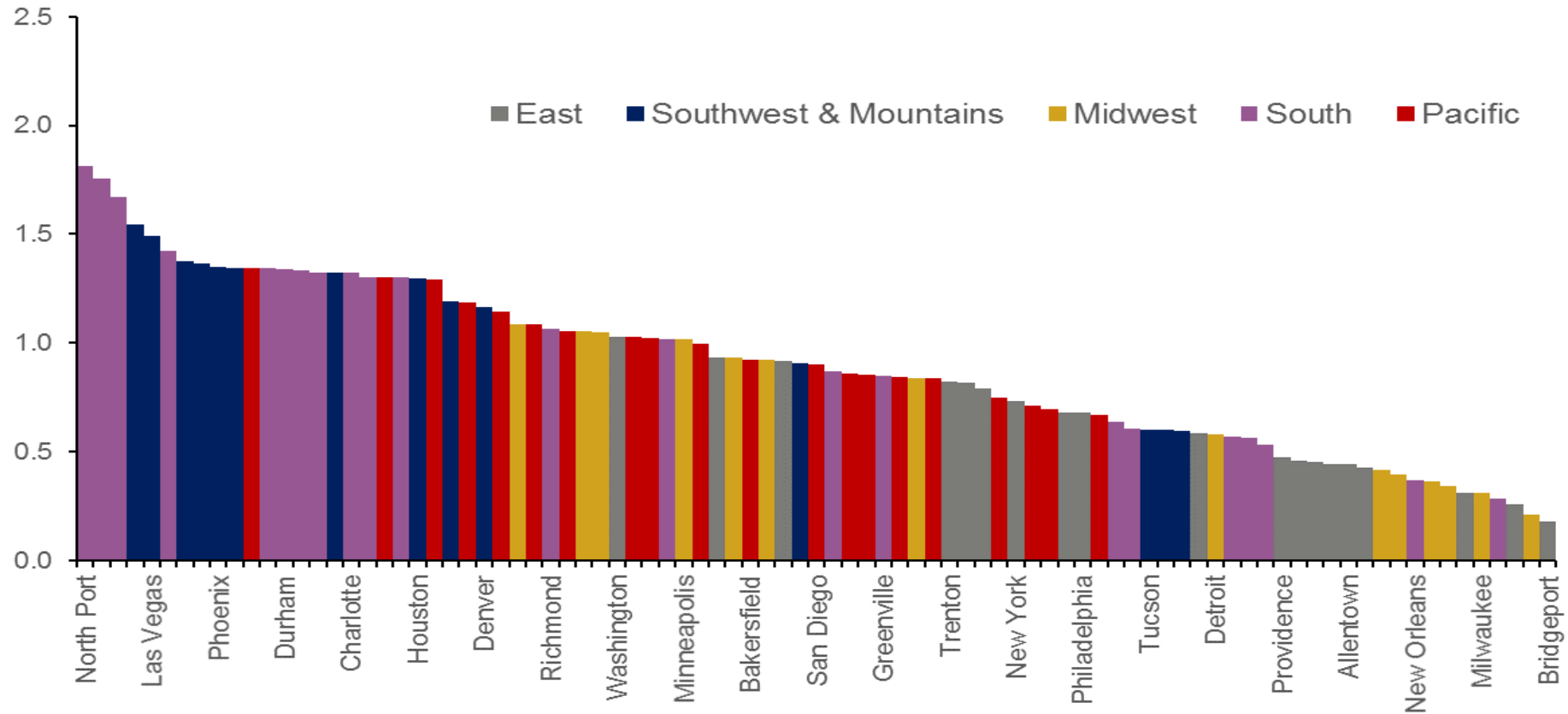
Source: U.S. Bureau of Economic Analysis

myf.red/g/llrG



Southeast and SW to dominate future job growth

2018-21 CAGR (%)

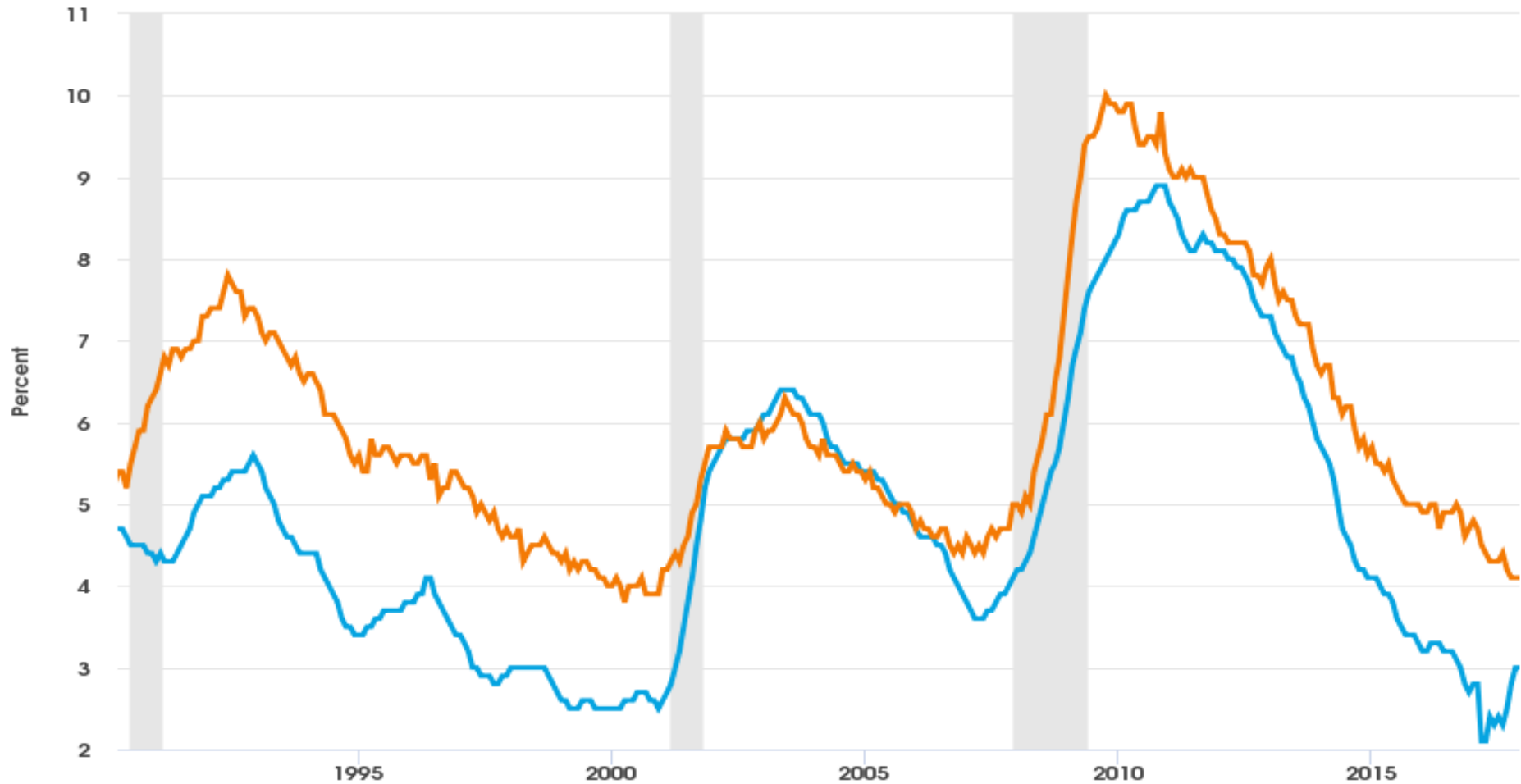


Source : Oxford Economics



Lower unemployment rates than U.S.

FRED — Unemployment Rate in Denver-Aurora-Lakewood, CO (MSA)
— Civilian Unemployment Rate



Shaded areas indicate U.S. recessions

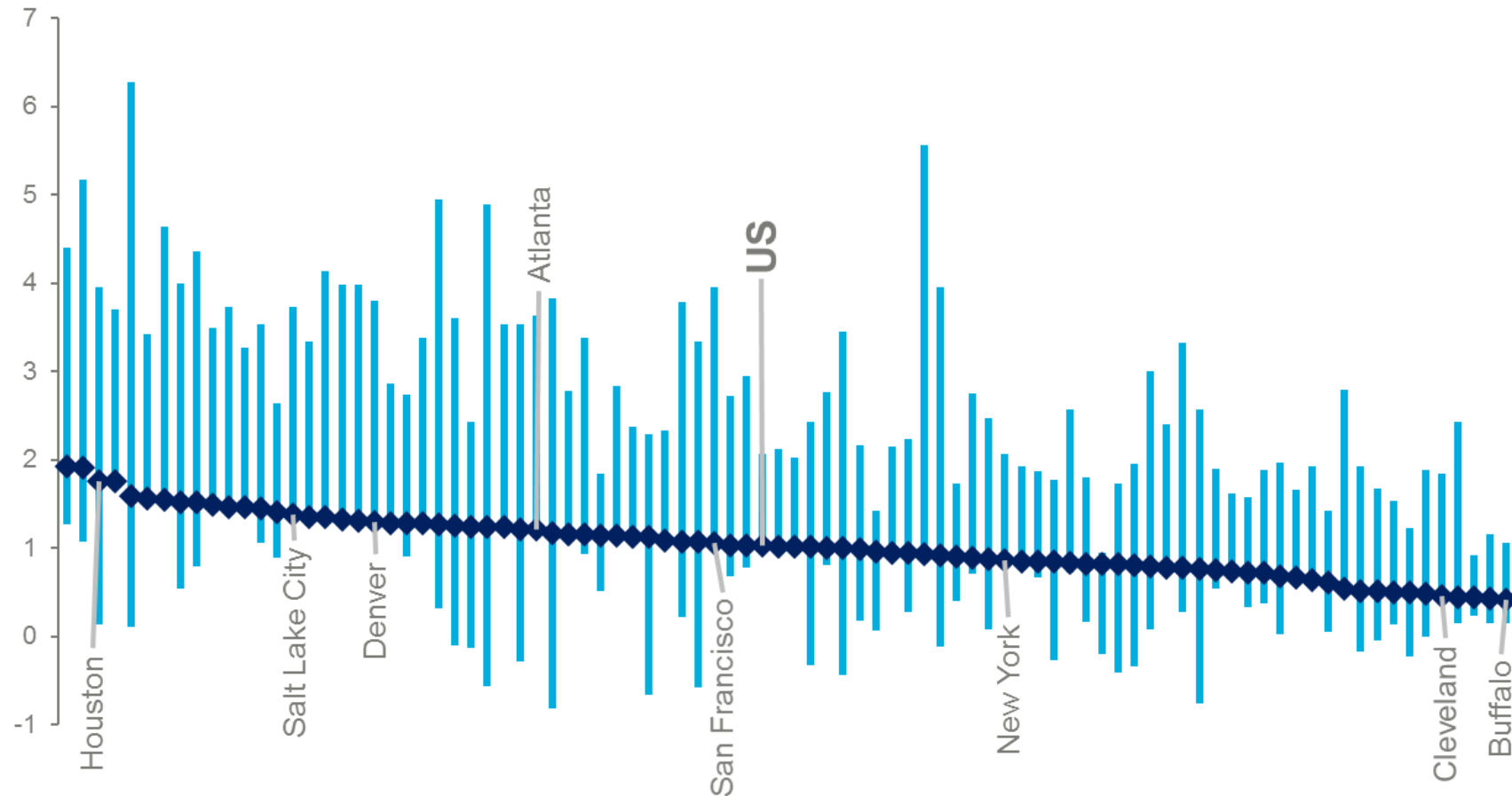
Source: U.S. Bureau of Labor Statistics

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The pace of local job growth will generally slow

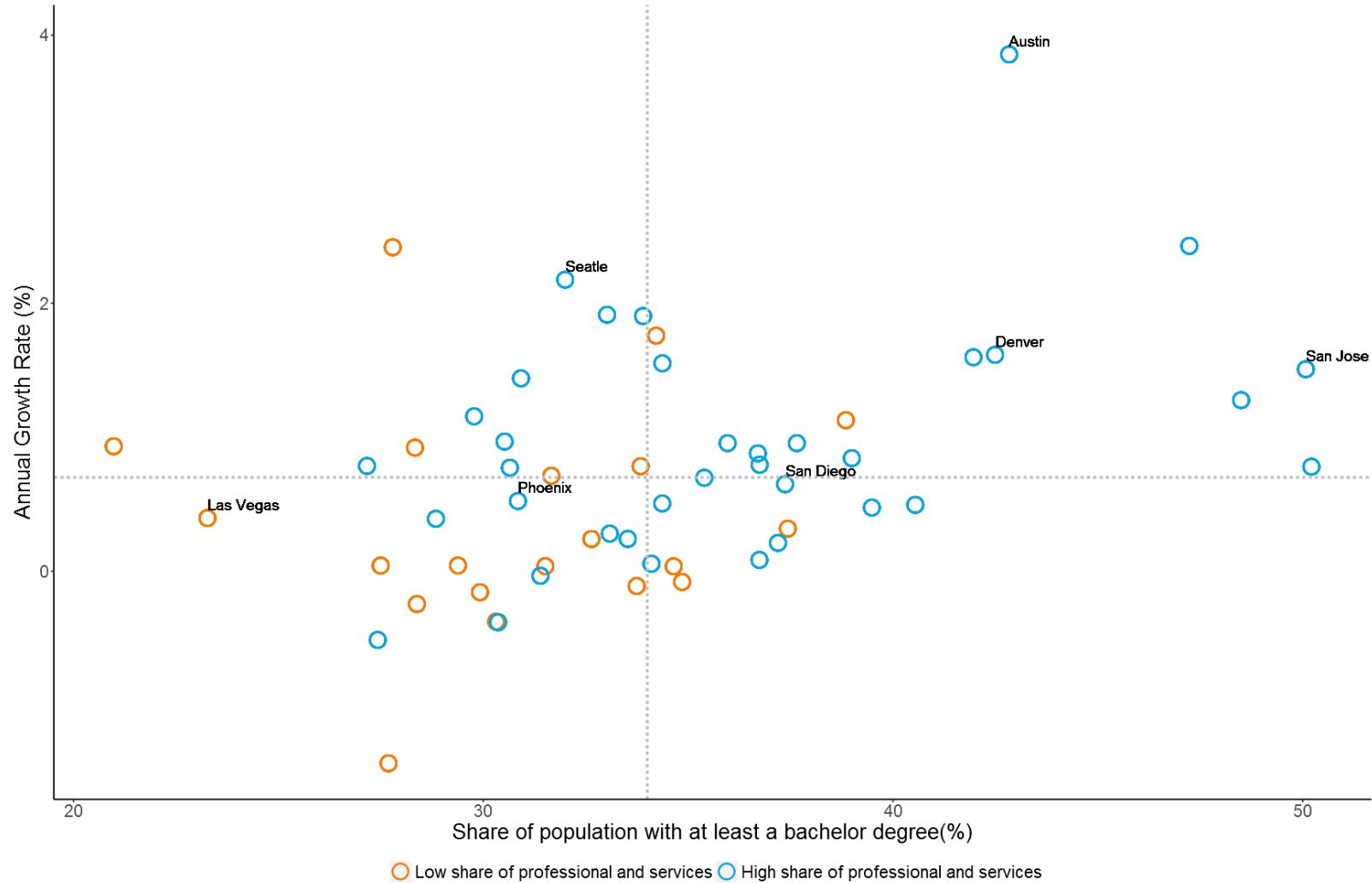
2018-19 employment CAGR relative to the max and min annual growth during 2011-17 (%)



Source : Oxford Economics, BLS

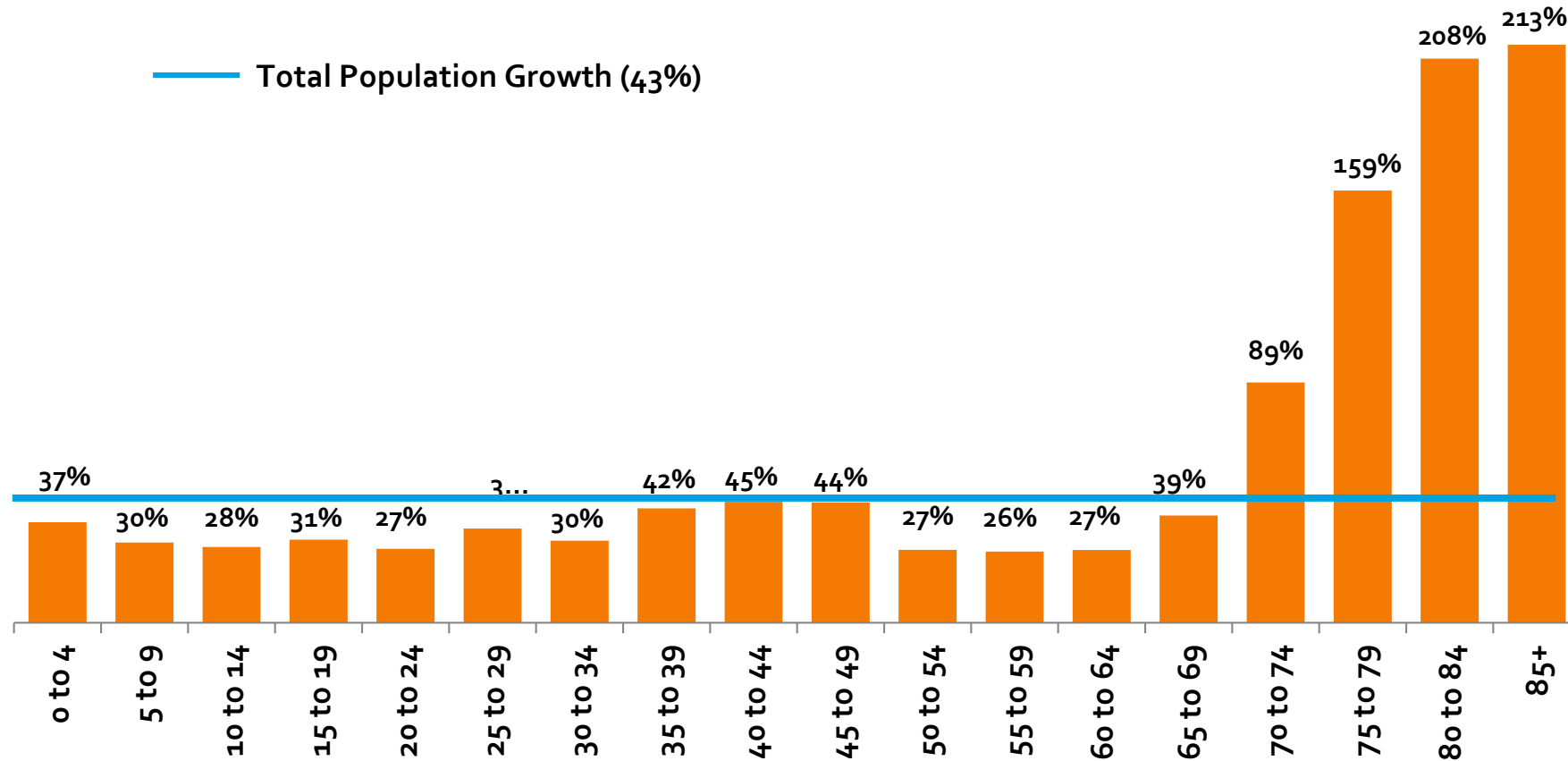


Employment Growth and Education





Colorado population growth (2015-2040) by age





Where are Millennials moving?

CAGR of twenty-somethings, 2017-21 (%)

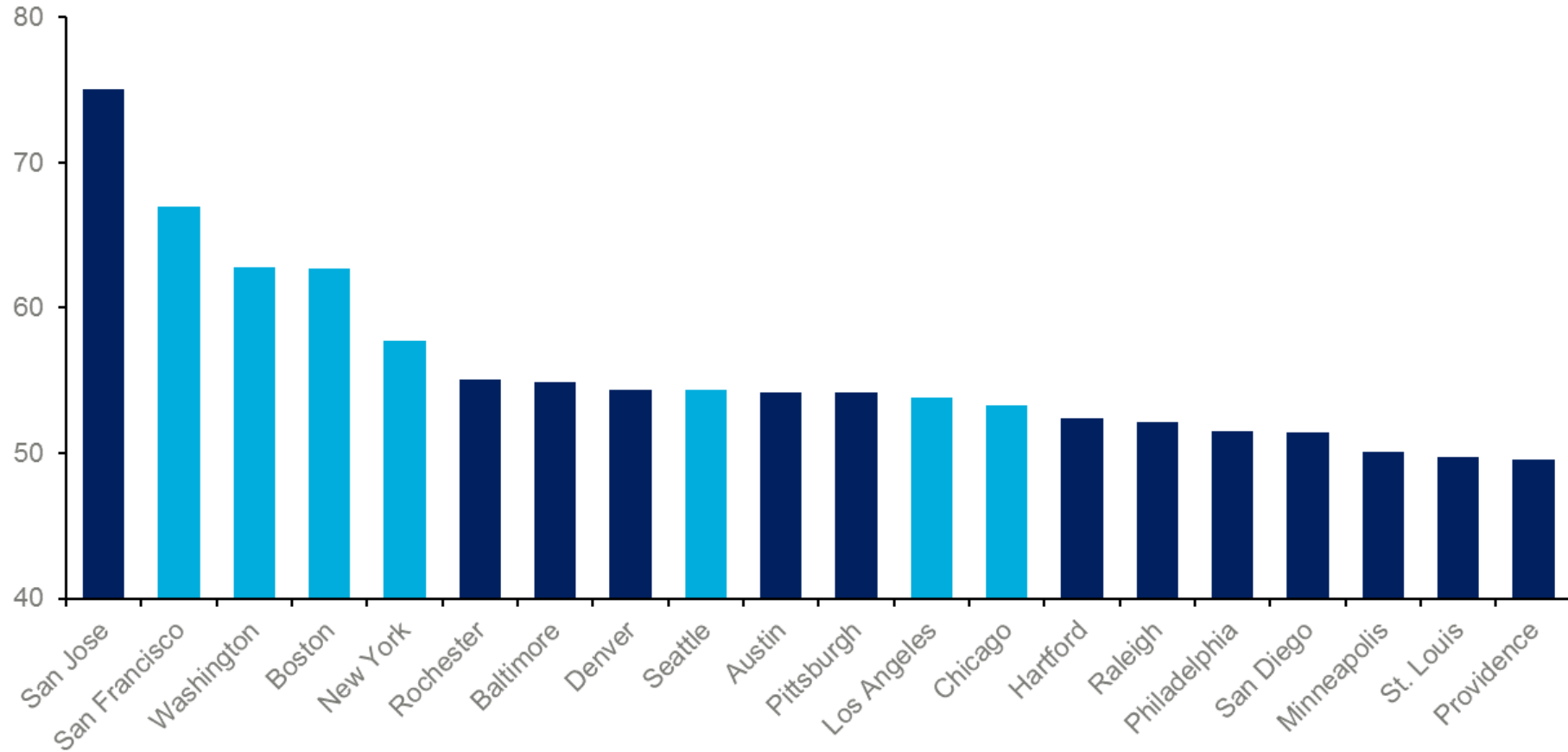


Source : Oxford Economics



The region is importing highly educated labor

% of foreign and out-of-state migrants with \geq Bachelor's degree, 2011-16 (000s)



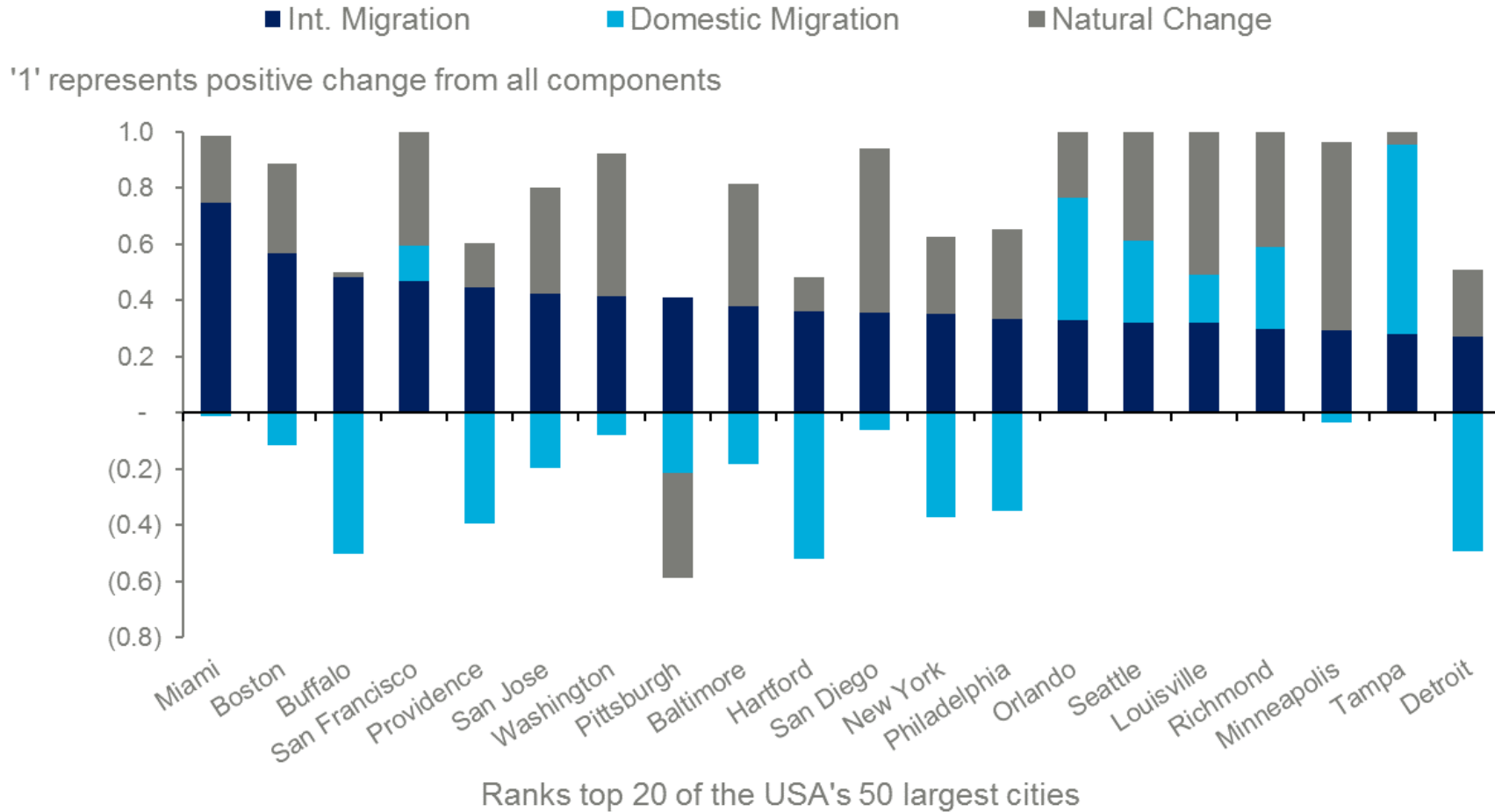
Top 20 of the 50 largest US cities

Source : Oxford Economics, US Census



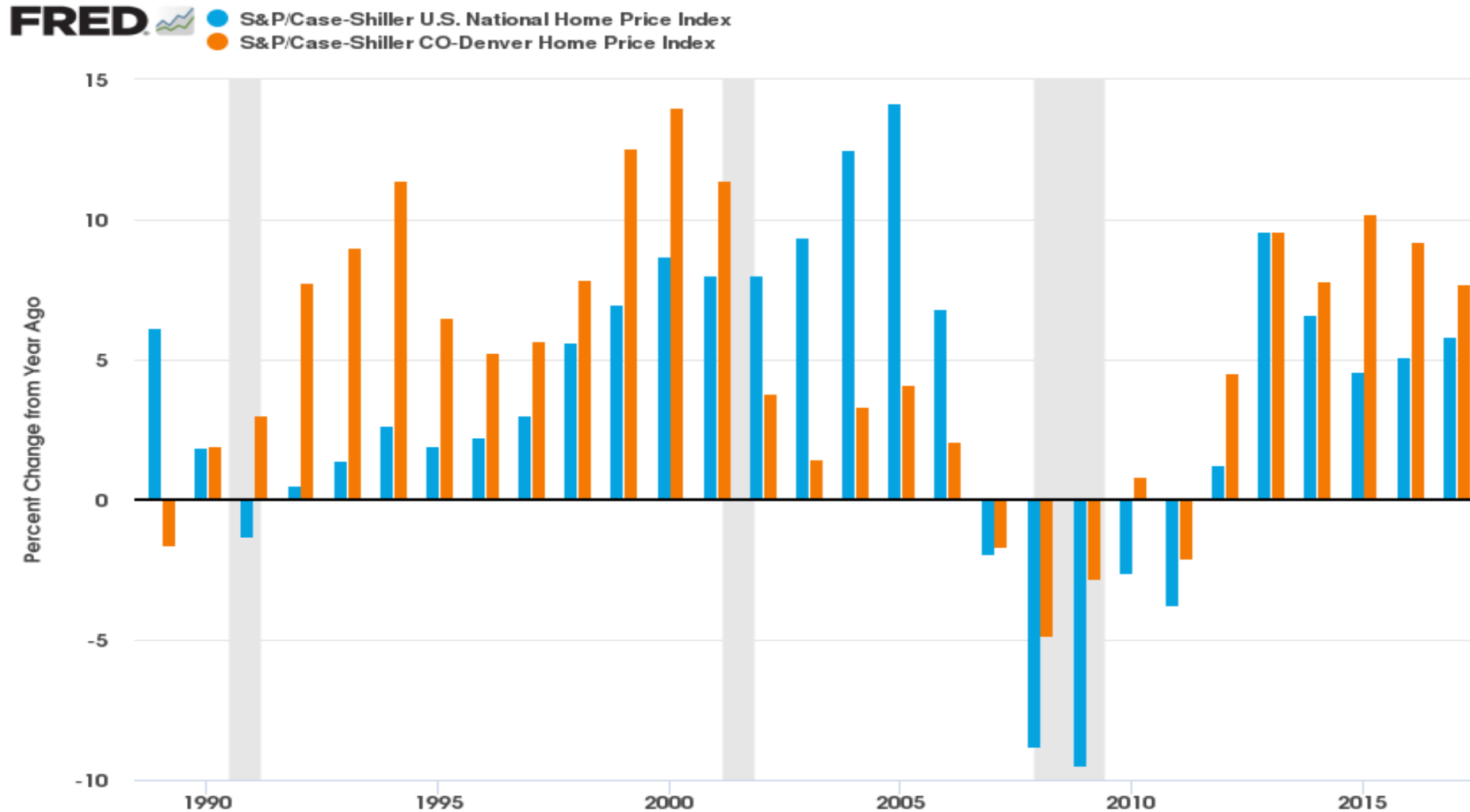
Is the Denver region headed in this direction?

Contribution to MSA pop. change (2010-2016)





Denver home price growth outpaces the U.S.



Shaded areas indicate U.S. recessions

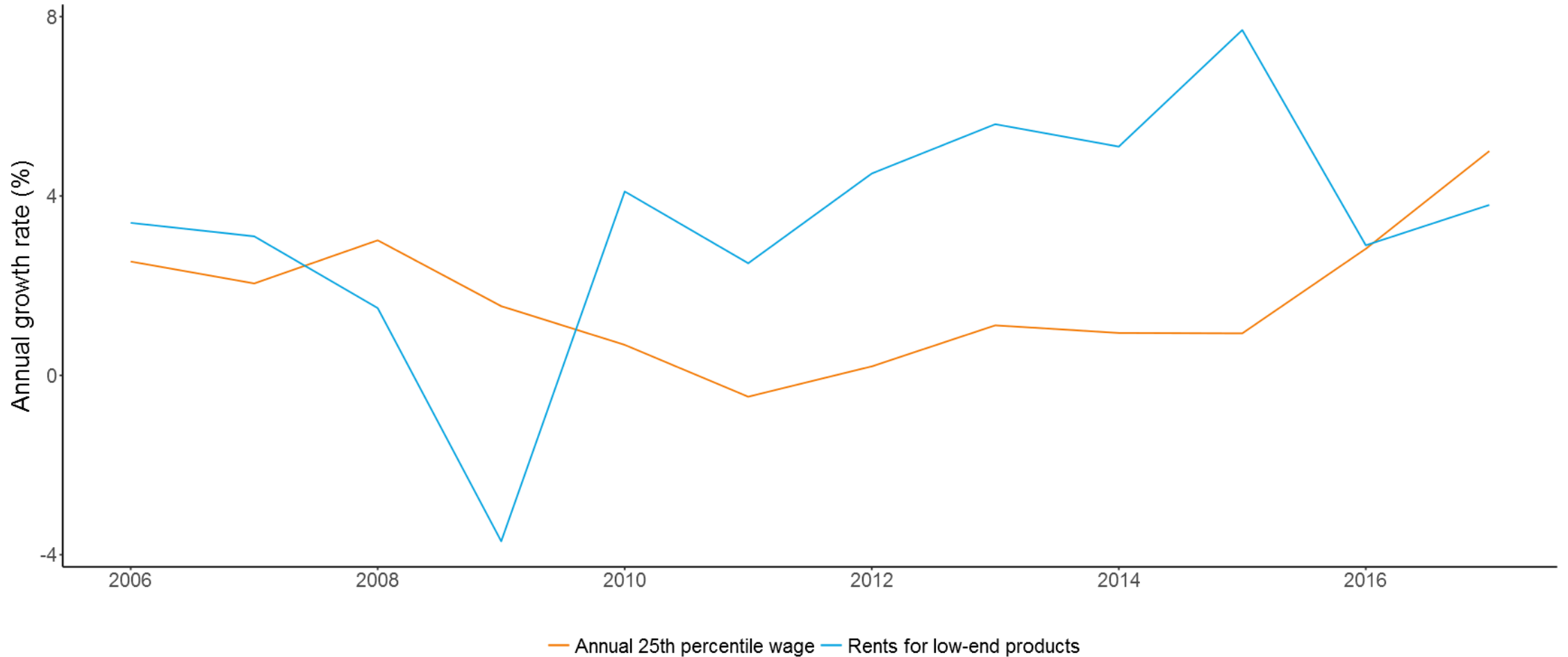
Source: S&P Dow Jones Indices LLC

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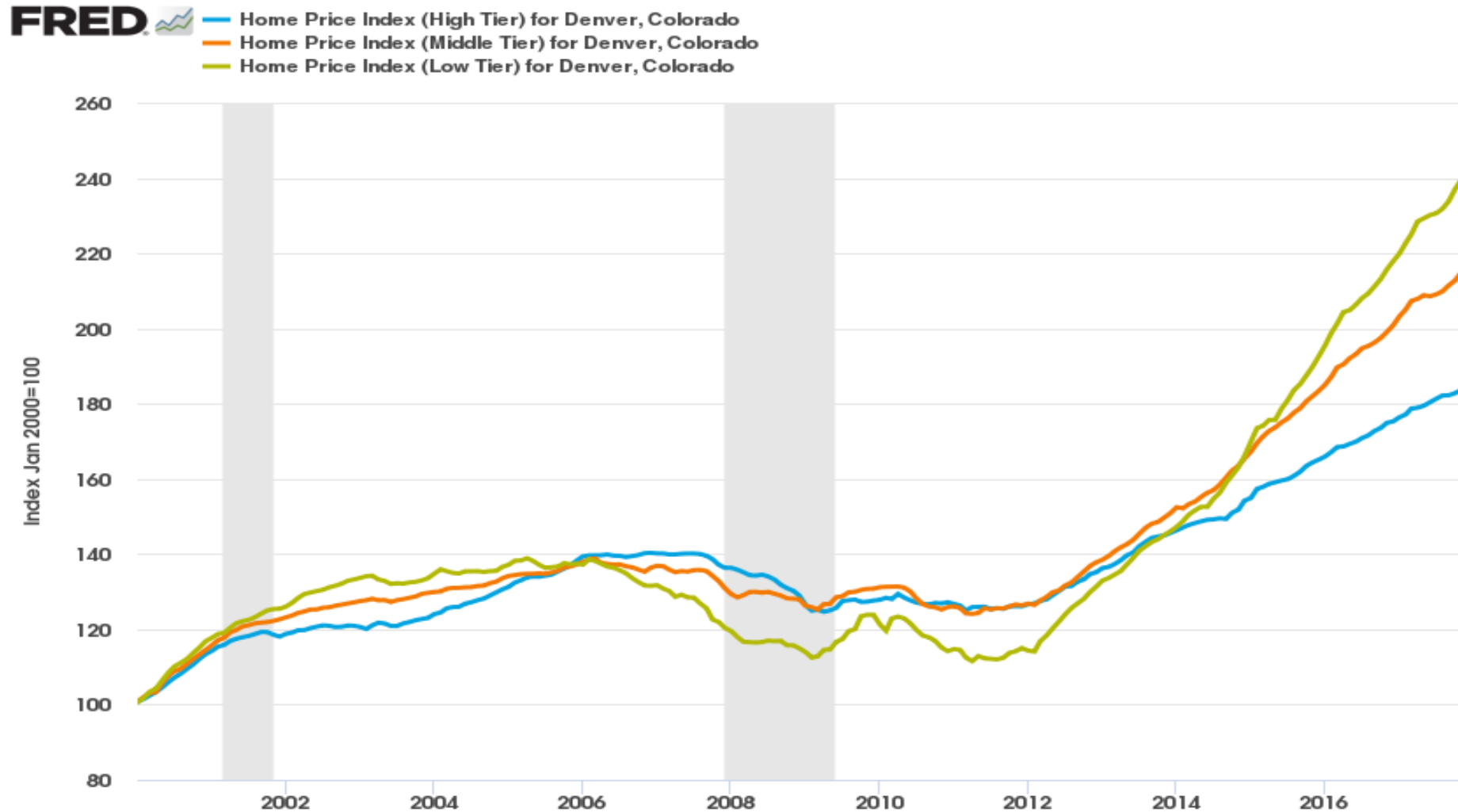
Near-term Affordability Challenges

It is not only about the type of units, but also its price tier.





Growth in home prices... blessing or curse?



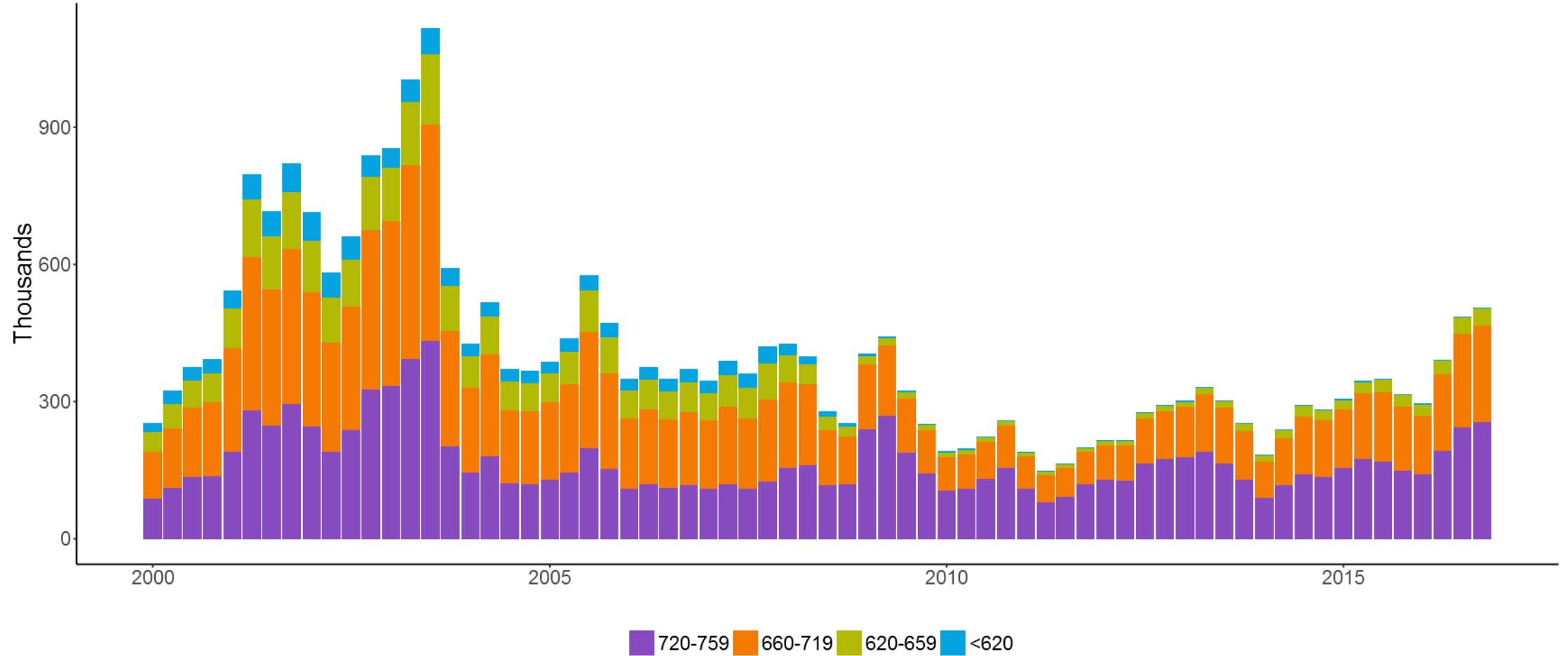
Shaded areas indicate U.S. recessions

Source: S&P Dow Jones Indices LLC

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Mortgage origination by credit score (2000-2016)



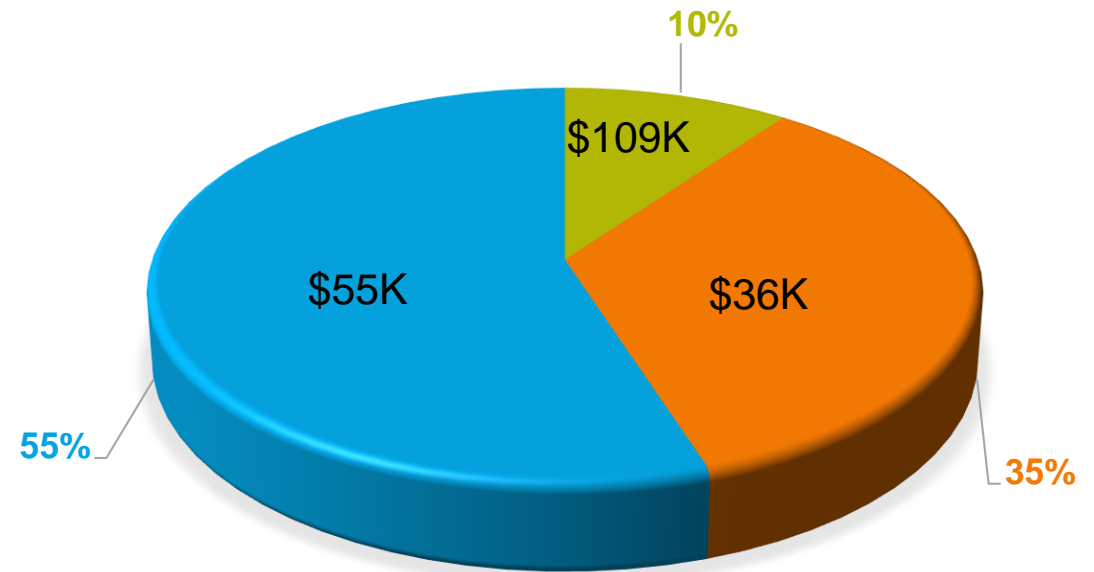
Source: Fannie-Mae and Freddie-Mac Single-family Loan Datasets and DRCOG calculations.

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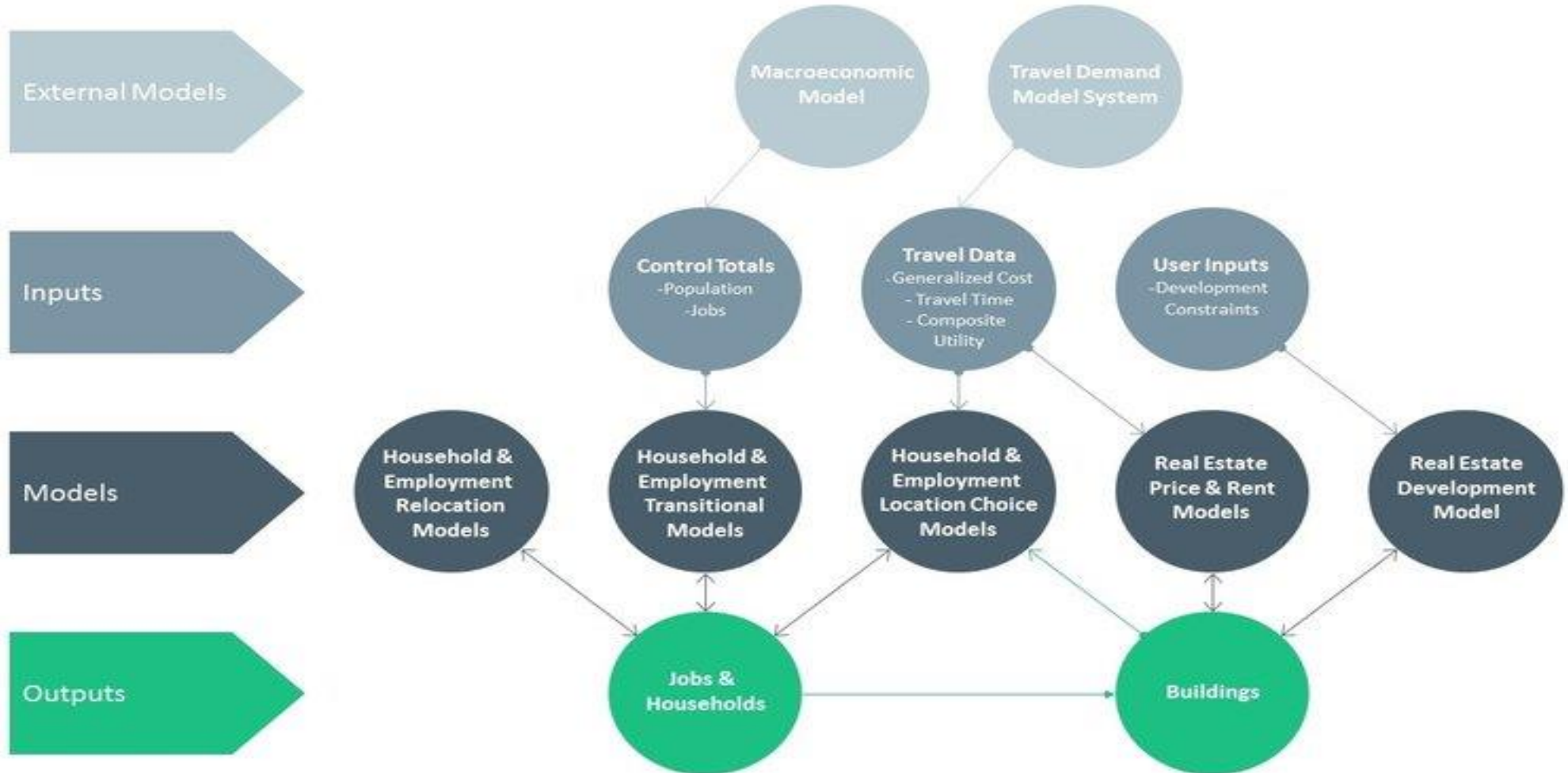
Jobs and income

- The region's three **highest-paying industries** constitute only **10 percent** of the region's jobs and have an annual mean salary of **\$109,000**
- **35 percent** of the region's jobs (three largest industries) have an annual mean salary of **\$36,000**





Forecasting at DRCOG & UrbanSim





The region is growing...

Population

- 2015:
3.2 million
- 2040:
4.3 million
- approximately
40% increase

Employment

- 2015:
1.7 million
- 2040:
2.4 million
- approximately
41% increase



1.1 million people is liking dropping San Jose on Denver

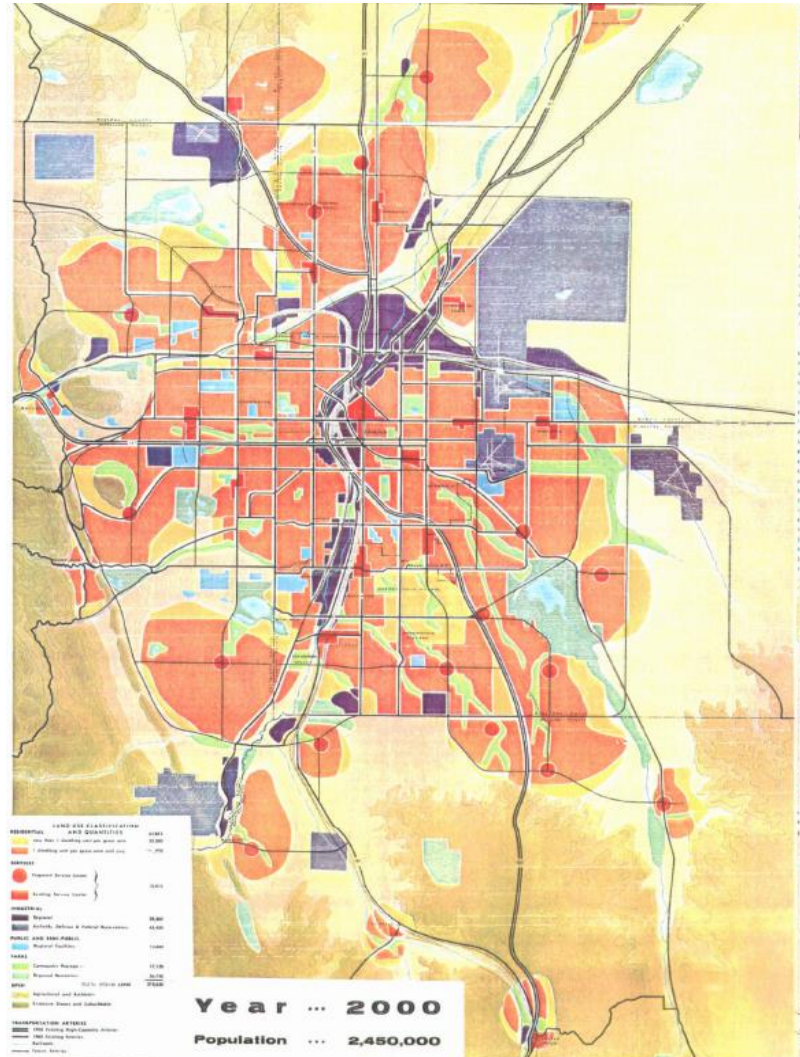




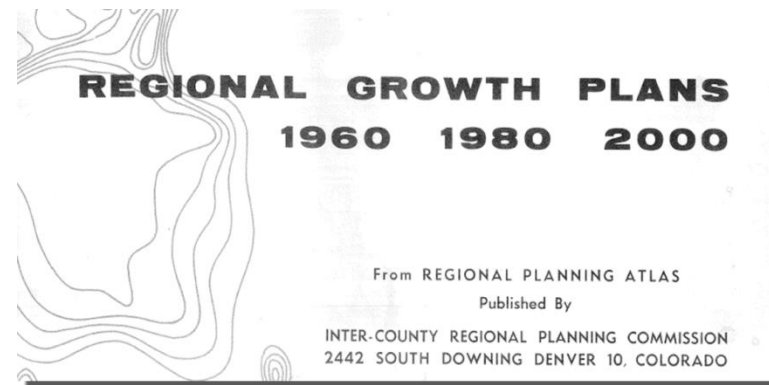
DRCOG'S METRO VISION PLAN



Evolution of Metro Vision



First regional plan: 1960





Things to keep in mind

- Metro Vision is the **shared guiding vision** of the DRCOG Board of Directors and a set of outcomes, objectives and voluntary initiatives for our many partners to consider
- Metro Vision is **aspirational, long-range and regional** in focus – it should not be thought of as a policy document
- Implementation success is dependent on many partners, contributing through **different pathways and at different speeds**



The regional transportation system is well-connected and serves all modes of travel.





Investments in infrastructure and amenities allow people and businesses to thrive and prosper.



The region is comprised of diverse, livable communities.

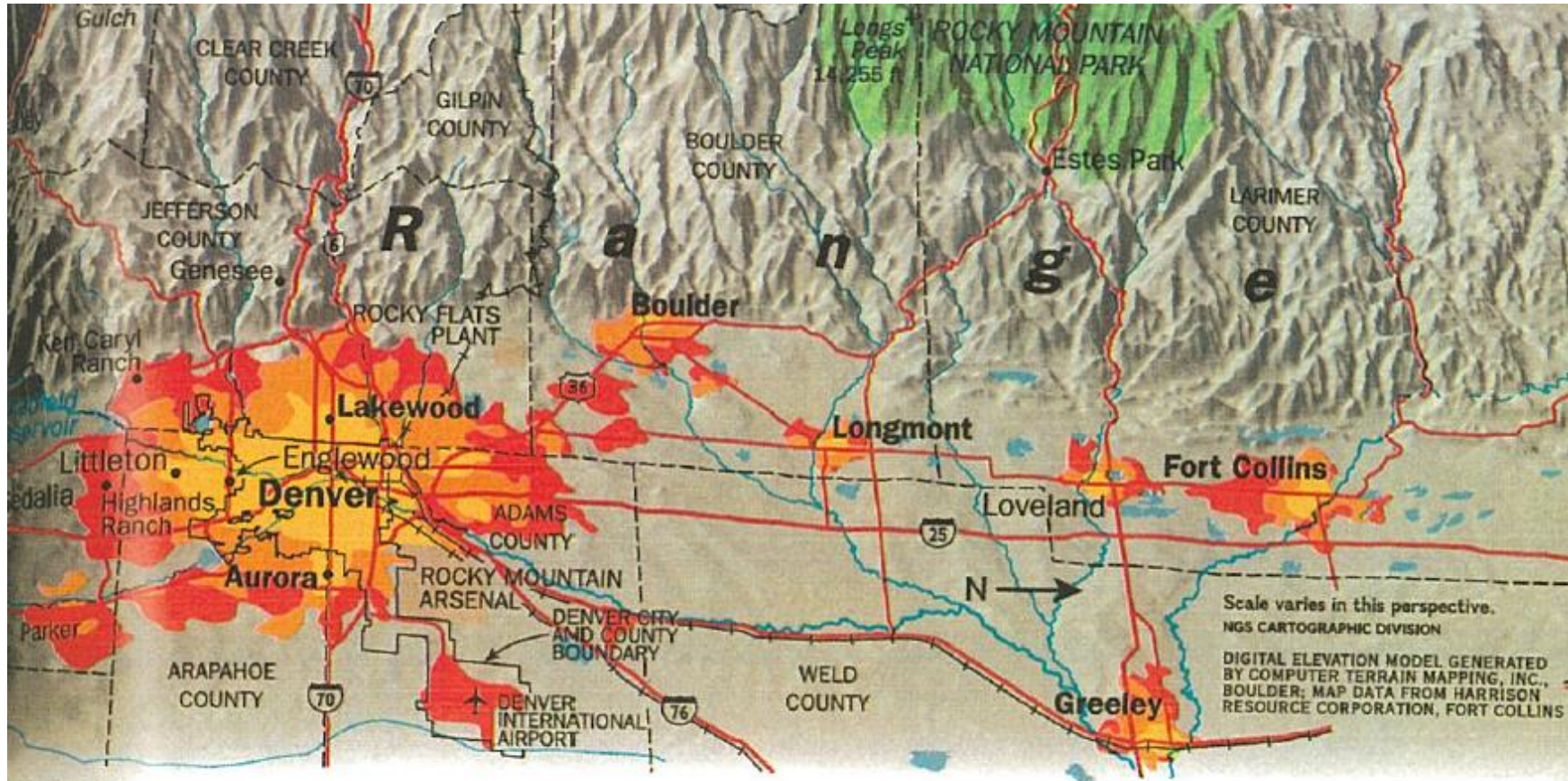




GROWTH IN THE DRCOG REGION



National Geographic: November 1996



Like blots in a geographic Rorschach test, Front Range cities ooze toward one another.



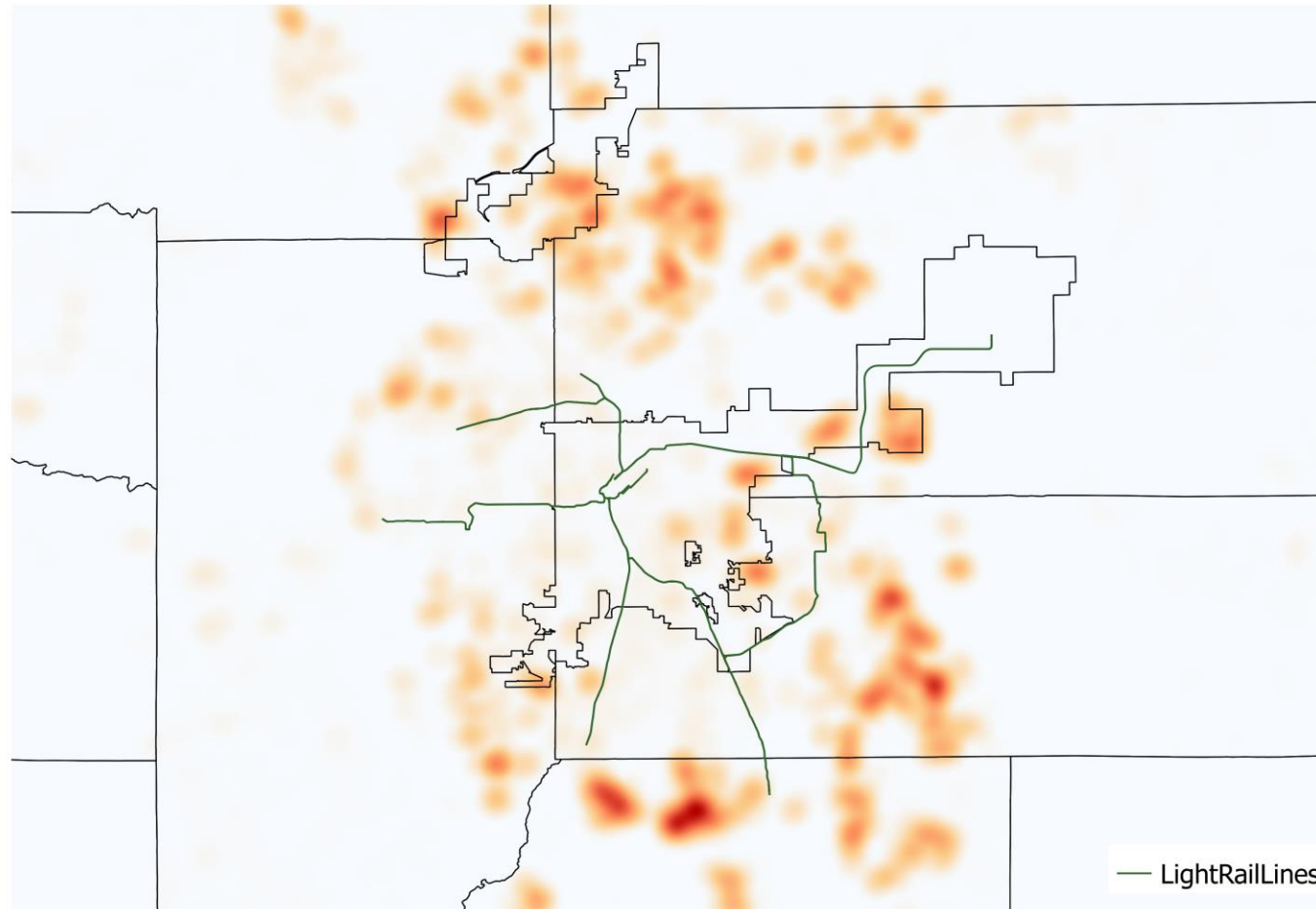


Our growth strategy simplified...





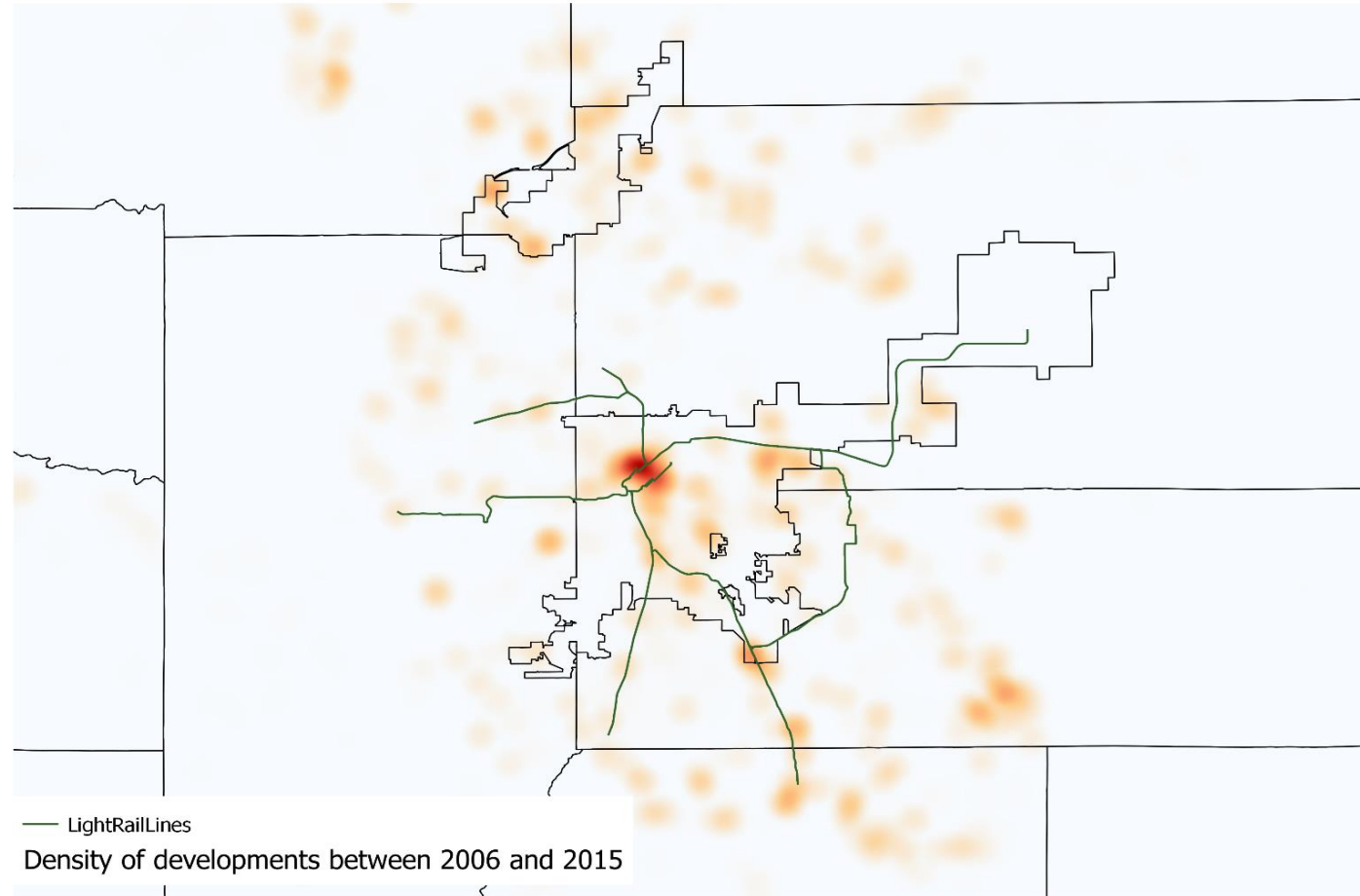
Past housing dynamics: New residential units (1996-2005)



Source: DRCOG Master Housing data.



Current housing dynamics: New residential units (2006-2015)



Source: DRCOG Master Housing data.



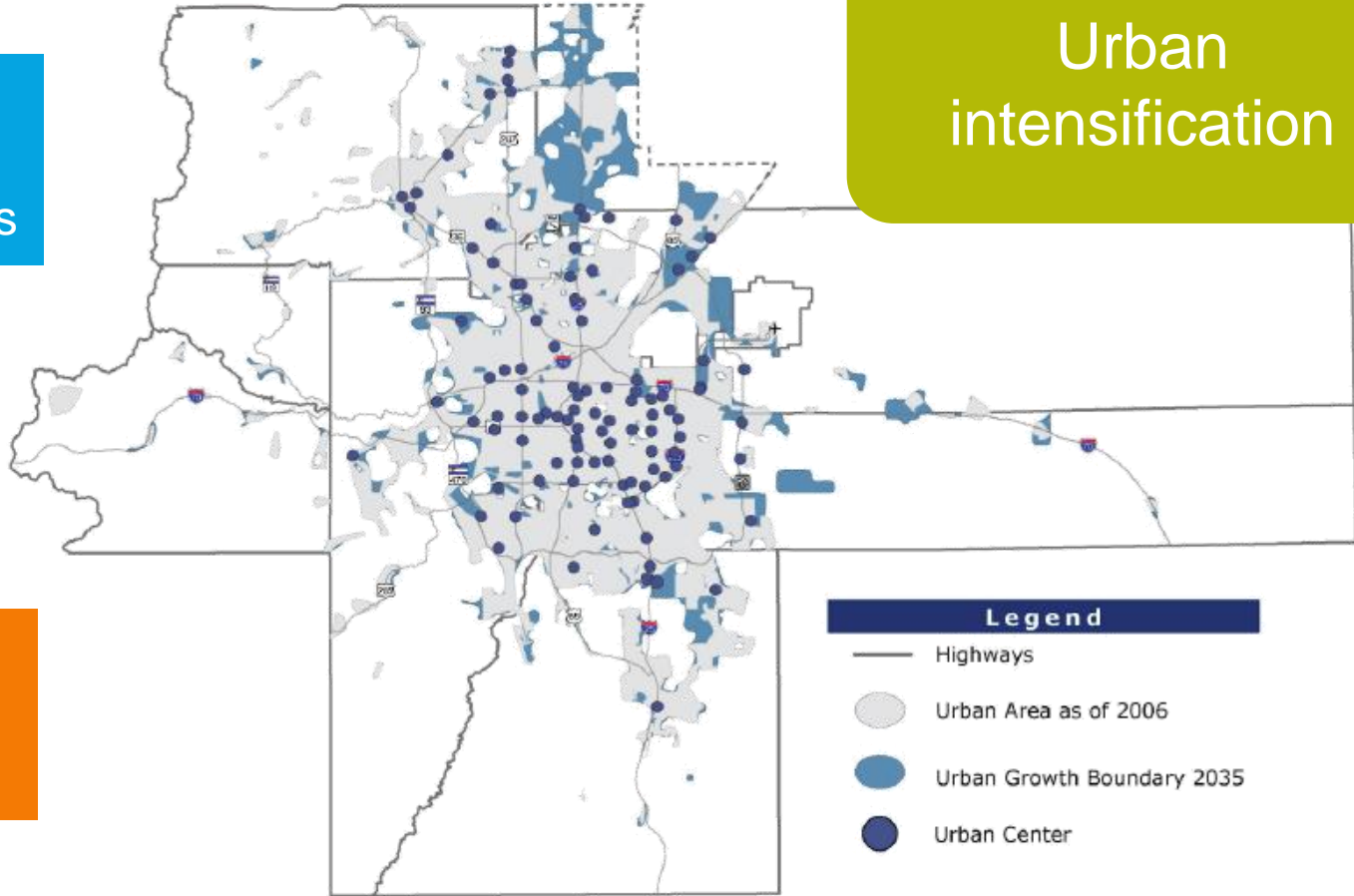
Urban centers

104
Urban Centers

Identified By

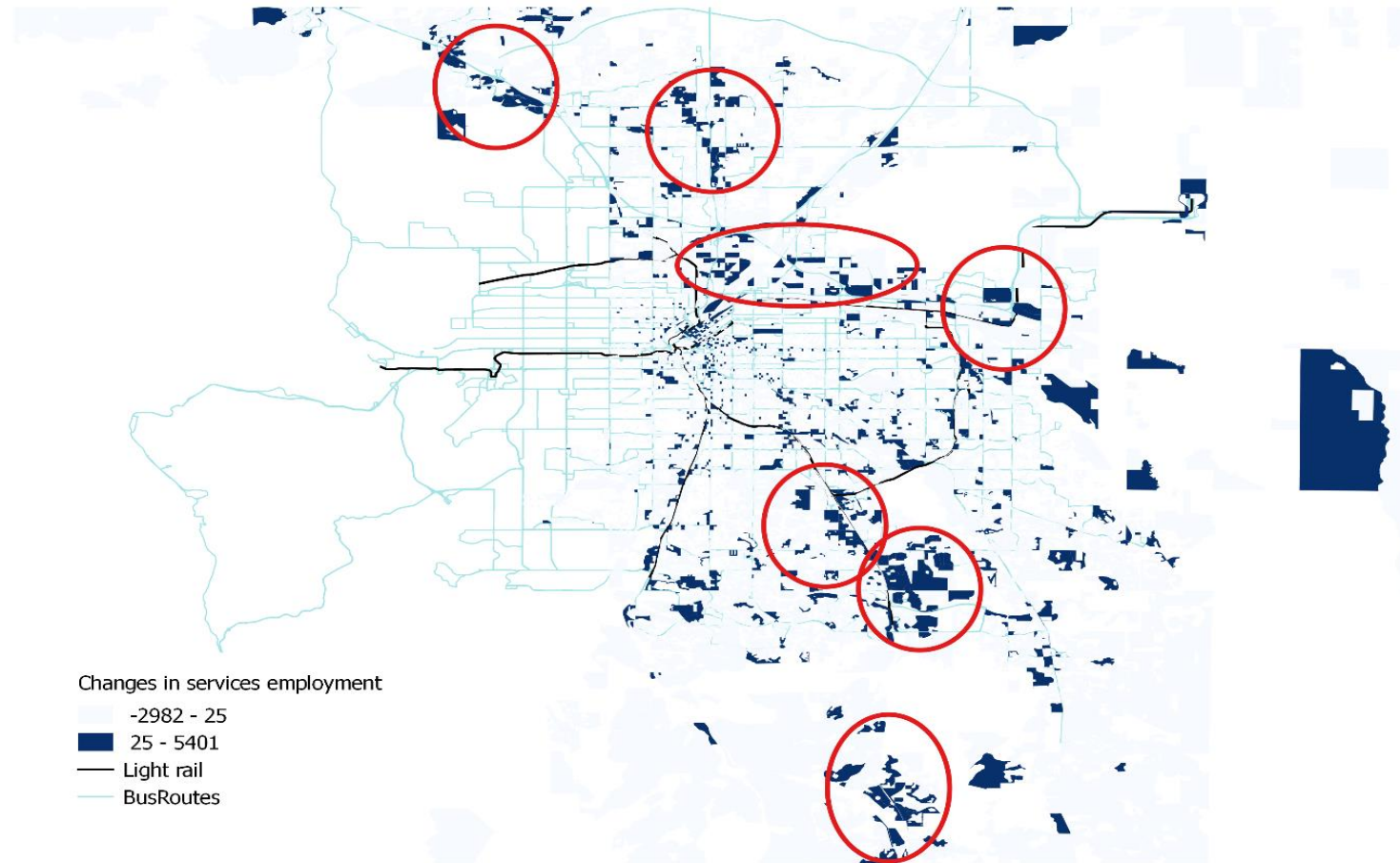
25
Local Gov'ts

Urban intensification





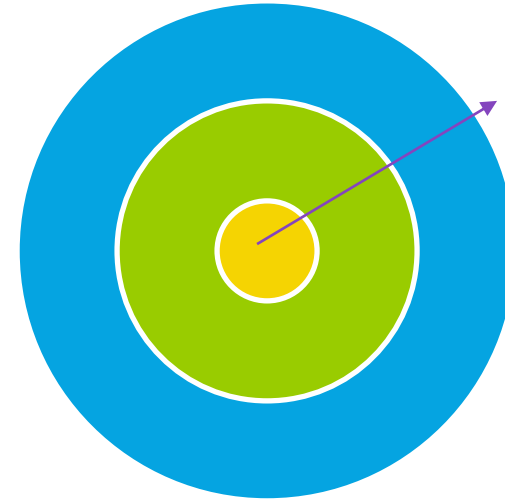
Growth in service sector has occurred in high density areas





Job decentralization at first glance...

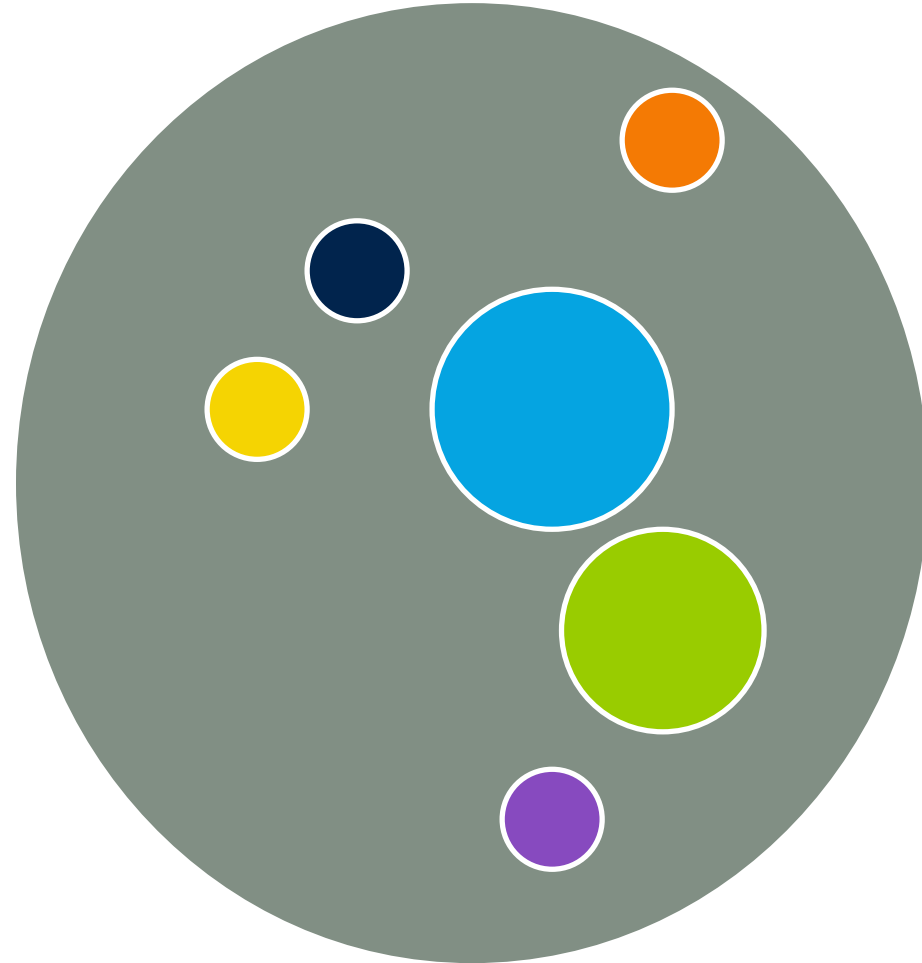
Distance to Union Station	Growth 2009-2014	
	Share	Rate
0 to 5 miles	13.0%	7.0%
5 to 10 miles	31.9%	16.0%
10 to 20 miles	34.1%	15.0%
Over 20 miles	21.0%	16.7%
Overall	100.0%	13.5%





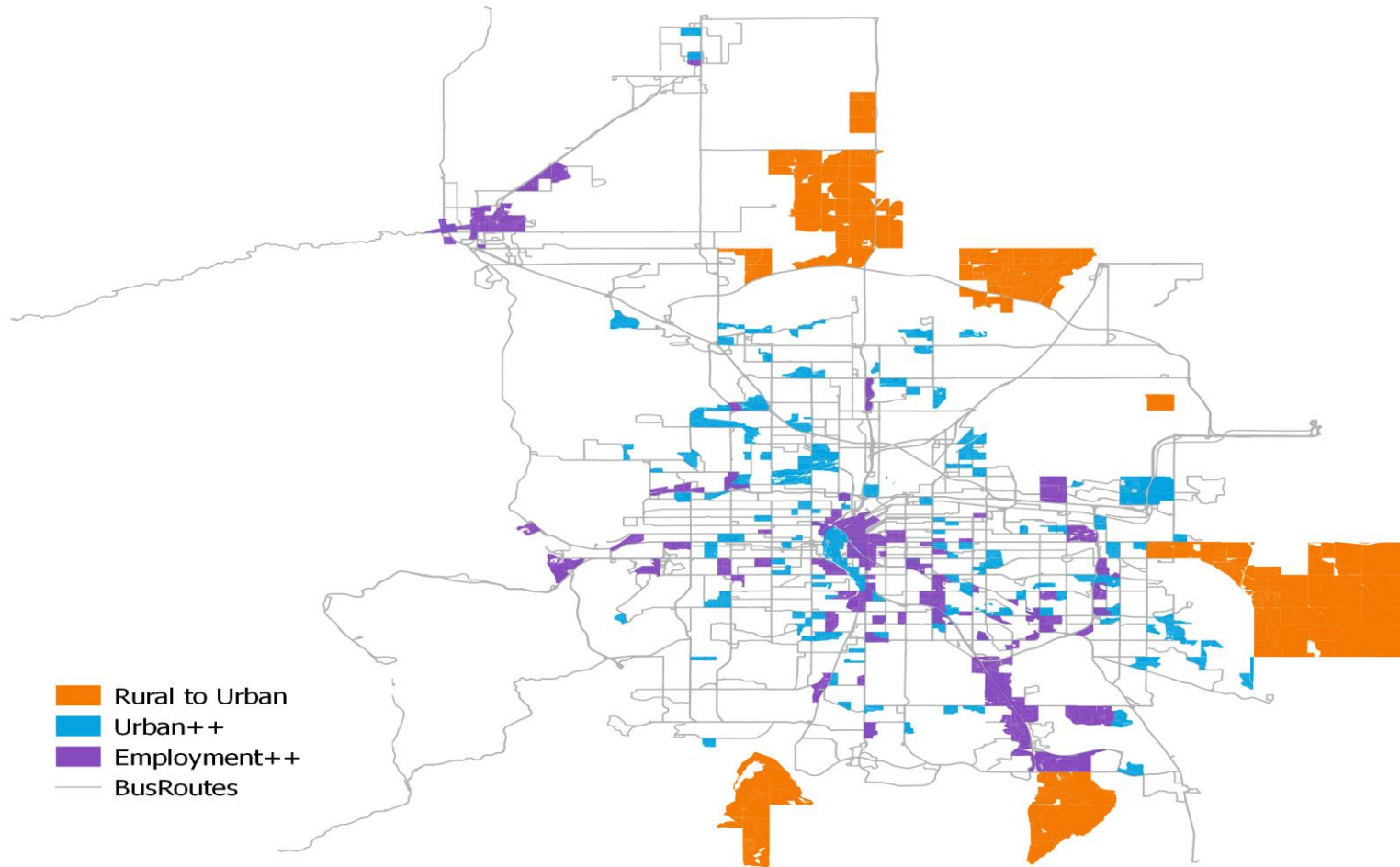
...is actually job poly-centralization

Example employment concentrations	Growth 2009-2014	
	Share	Rate
Boulder Centers (Downtown, University Hill, BVRC)	3.3%	12.8%
Central Business District	5.6%	7.4%
Cherry Creek / Glendale	2.8%	24.6%
DIA	1.7%	17.6%
Federal Center	2.9%	39.0%
Fitzsimons Aurora	6.1%	56.8%
Highlands Ranch	1.0%	16.6%
Ridgeway	0.6%	82.2%
Stapleton	4.2%	23.4%
Tech Center / I-25 Corridor	9.7%	14.2%
US 36 / Interlocken	2.6%	22.6%





A region in transition (2015-2040)





Increasing orientation to transit locations

Population	2010	2040	Change
Regional Total	2,850,000	4,270,000	50%
1 Mile of Station	230,000	870,000	273%
Station Area Share	8%	20%	

Employment	2010	2040	Change
Regional Total	1,600,000	2,340,000	46%
1 Mile of Station	410,000	960,000	133%
Station Area Share	26%	41%	





THE REGION IS AGING



Older Adults: An Economic Boon

- The 65-plus population is the only age group for which per capita consumption has grown from 2005 to 2014, despite the Great Recession
- Older adults' income sources and spending patterns are often unaffected by economic turbulence
- Older adults spend more of their incomes on local goods and services, supporting local businesses and the region's economy





60-plus Population (2015 - 2040)

County	2015	2040	% Change
Adams	70,918	170,423	140%
Arapahoe	112,823	225,988	100%
Boulder	60,261	114,535	90%
Broomfield	11,360	25,503	124%
Clear Creek	2,678	2,939	10%
Denver	109,128	186,884	71%
Douglas	50,694	131,853	160%
Gilpin	1,418	1,850	30%
Jefferson	125,494	205,689	64%
DRCOG Region	544,774	1,065,664	96%



75-plus Population (2015 - 2040)

County	2015	2040	% Change
Adams	18,816	63,285	236%
Arapahoe	30,091	93,285	210%
Boulder	15,286	49,475	224%
Broomfield	3,254	9,747	200%
Clear Creek	517	1,315	154%
Denver	30,857	70,461	128%
Douglas	10,772	50,608	370%
Gilpin	191	797	317%
Jefferson	33,671	98,638	193%
DRCOG Region	143,455	437,611	205%



Leading 5-Year Cohort Growth Denver Region (2015 – 2040)

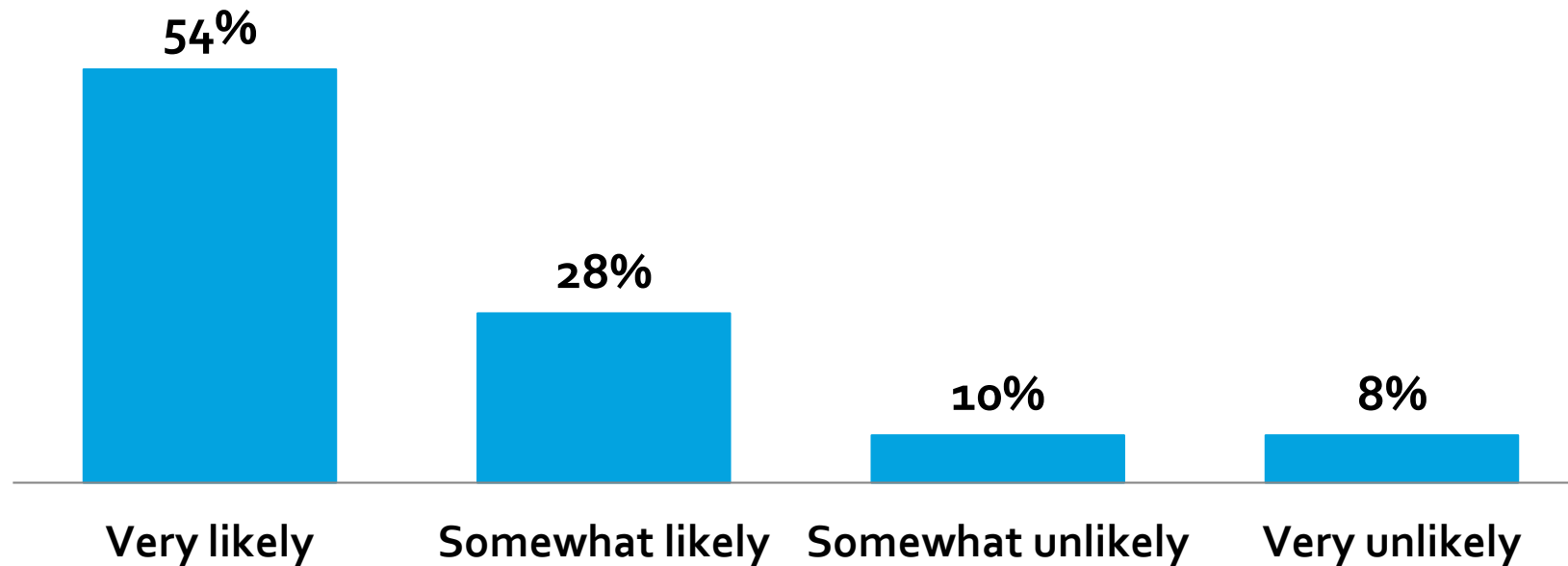
5-Year Cohort	% Change (2015-2040)	Rank
75 to 79	257%	1
90+	219%	2
85 to 89	205%	3
80 to 84	204%	4
70 to 74	88%	5
65 to 69	40%	6



Rooted & Staying Put

Community Assessment Survey of Older Adults: 2016

How likely are you to remain in your community throughout retirement?



52% have lived in their community for more than 20 years



*Helps people **age better***

- Provides **information** and **services**
- **Funds** community services
- **Identifies** and **fills gaps** in services and **plans** for future needs
- **Advocates** on behalf of older adults and their caregivers



Our motivation: Resources are not keeping pace with need

**Expected
96 percent**

**Increase in
60+
Population
(2015-40)**

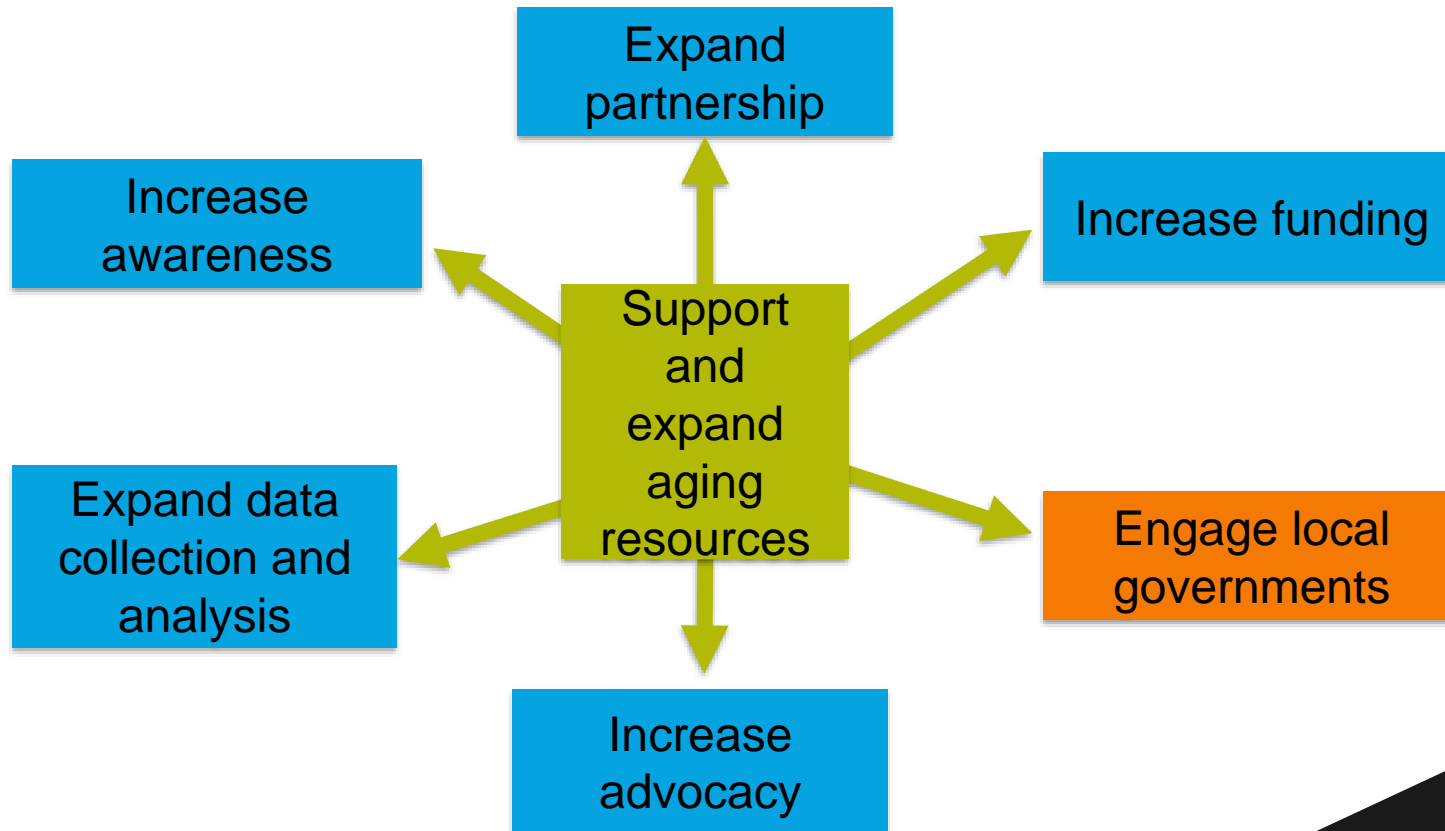
- DRCOG's federal funding for older adult services essentially flat (FY14-18)
- Federal / State* share of DRCOG's AAA funding:

	FY14	FY18
Federal	52%	43%
State	48%	57%

** Increasing state funding (General Fund appropriation for "State Funding for Senior Services") has involved significant legislative efforts over many years.*



Our motivation (cont.): Need for multi-pronged approach





Boomer Bond – engaging local governments



Customize your Search
Are you looking for resources to help your community plan for seniors?

- Any -	General
Housing	Mobility and Access
Support Services	Community Living

Resource Type
Select Some Options

Title

Search

- A community assessment tool to facilitate local dialogue and identify priorities
- A comprehensive inventory to assist with the future development of policies, plans and strategies.



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