

POPULATION TRENDS

State Demography Office

Colorado Department of Local Affairs

Elizabeth Garner

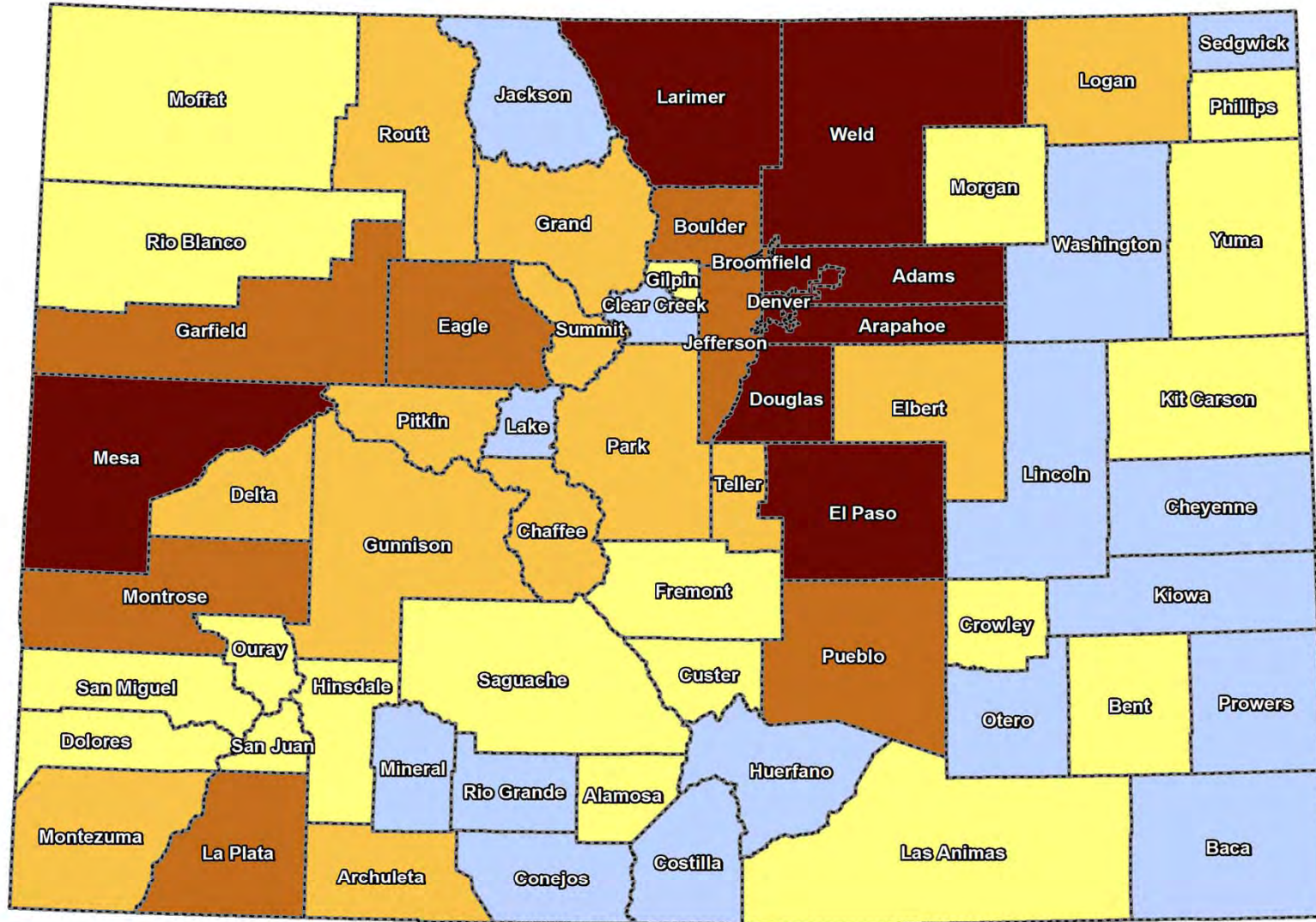
2012



State Demography Office

- State agency
 - Responsible for population data needed by state agencies
- Department of Local Affairs
 - Prepare data and information in ways that account for local perspectives, needs
- Public information
 - Make data and information readily available to the public, including citizens, businesses and non-profit agencies
- Outreach
 - Work with local governments and others to understand what the numbers are saying

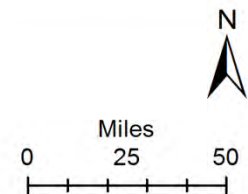




Population Change 2000 to 2010

Source: State Demography Office, 12/10/2012

- Lost Population
- Gained 1 to 1,000
- Gained 1,001 to 5,000
- Gained 5,001 to 20,000
- Gained 20,001+



Top 5 Counties for Population Growth

Population Change 2000-2010

Percent		Total	
Colorado	16.92%	Colorado	727,935
Douglas	62.41%	Douglas	109,699
Weld	39.73%	El Paso	105,334
Garfield	28.77%	Arapahoe	84,036
Mesa	26.21%	Adams	77,746
Eagle	25.30%	Weld	71,889

Source: Census 2010

Municipal Population Change

Population Change by Municipality 2000-10

Growth		Decline	
Colorado Springs city	55,537	Wheat Ridge city	-2,747
Aurora city	48,685	Englewood city	-1,472
Denver city	45,522	Lakewood city	-1,146
Thornton city	36,388	Walsenburg city	-1,114
Castle Rock town	28,007	Lamar city	-1,065

Firestone town	431.81%	South Fork town	-36.09%
Severance town	430.15%	Garden City town	-34.45%
Frederick town	251.80%	Genoa town	-34.12%
Erie town	188.27%	Campo town	-27.33%
Monument town	180.57%	Hartman town	-27.03%

Source: Census 2010

Population Change Under 18 years

Change in the Population Under 18

Growth

Decline

Douglas	31,535	Otero	-798
Adams	22,167	Prowers	-941
El Paso	20,196	Fremont	-1,293
Weld	19,368	Boulder	-4,083
Arapahoe	16,970	Jefferson	-14,396

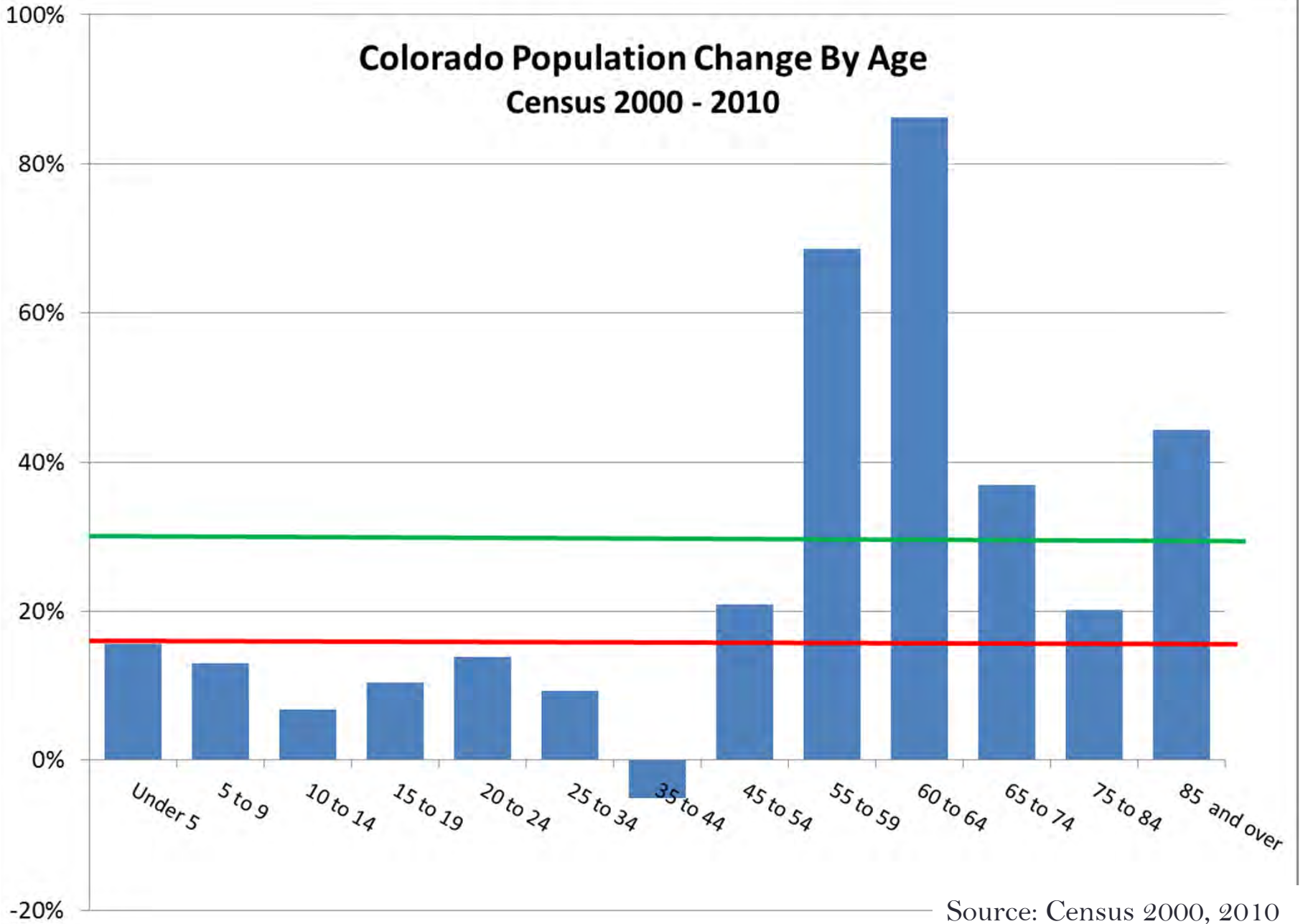
Douglas	56.8%	Sedgwick	-26.4%
Weld	38.0%	Huerfano	-27.9%
Eagle	30.8%	Cheyenne	-29.9%
Garfield	28.1%	Jackson	-35.5%
San Miguel	24.4%	Mineral	-40.6%

Source: Census 2010

Population Change 65+

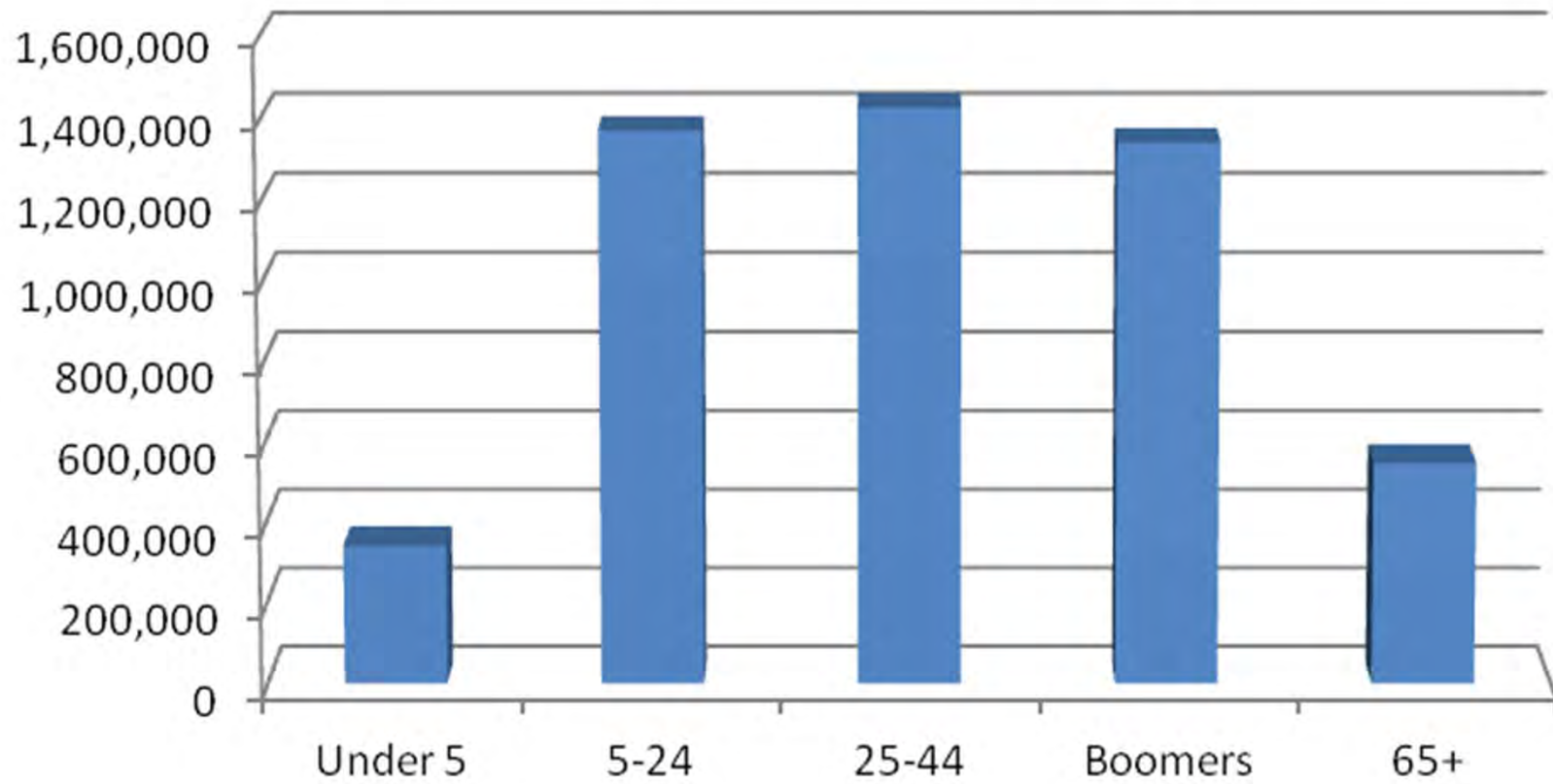
Population Change 65+ Top 5 Counties			
Growth			
El Paso	17,264	Summit	180%
Jefferson	16,585	Douglas	178%
Arapahoe	15,651	Eagle	135%
Douglas	13,021	San Miguel	133%
Larimer	11,504	San Juan	121%
Decline			
Sedgwick	-38	Denver	0%
Cheyenne	-42	Sedgwick	-6%
Bent	-66	Bent	-7%
Baca	-103	Baca	-10%
Denver	-294	Cheyenne	-11%

Colorado Population Change By Age Census 2000 - 2010

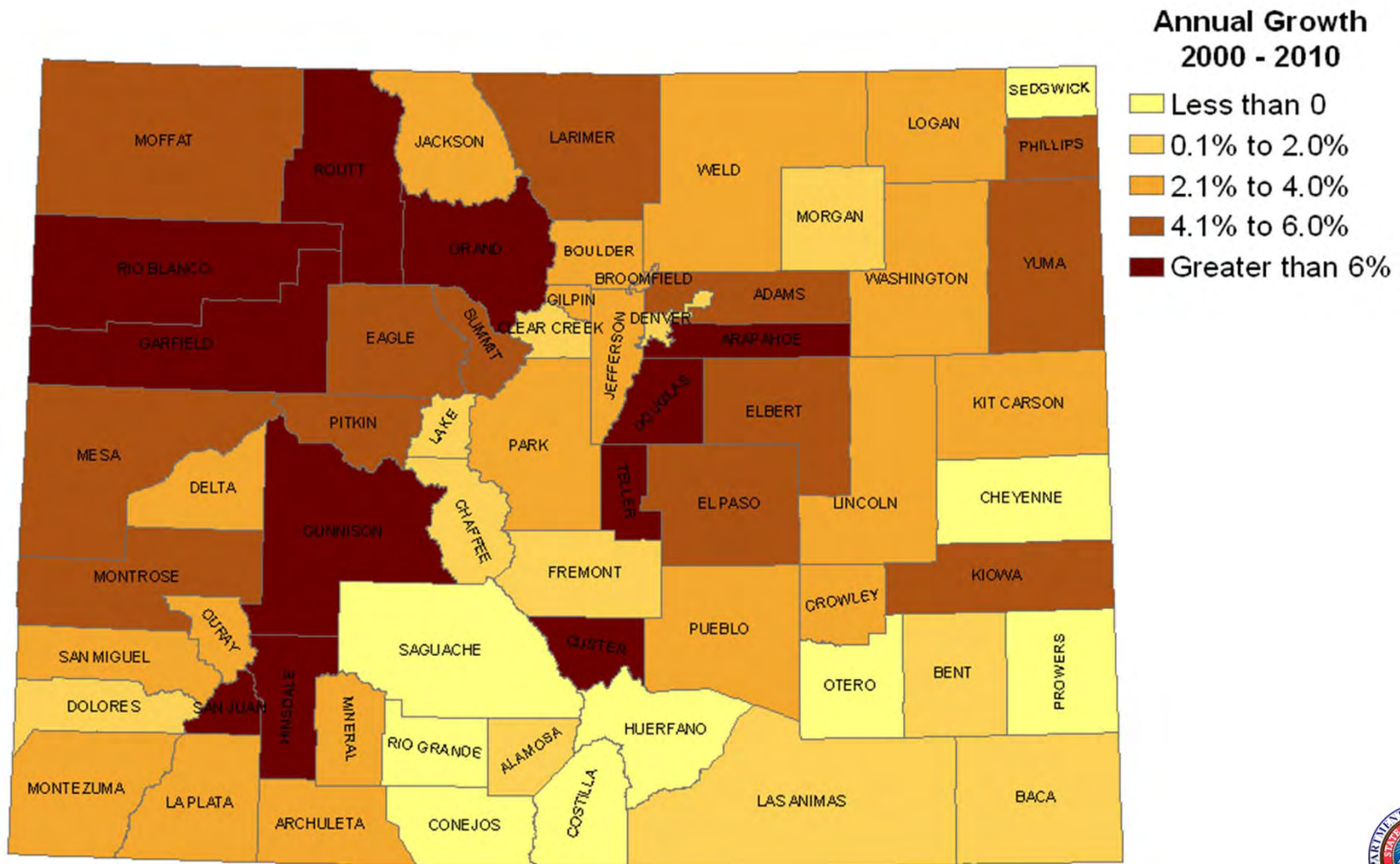


Source: Census 2000, 2010

Colorado Population by Age, 2010

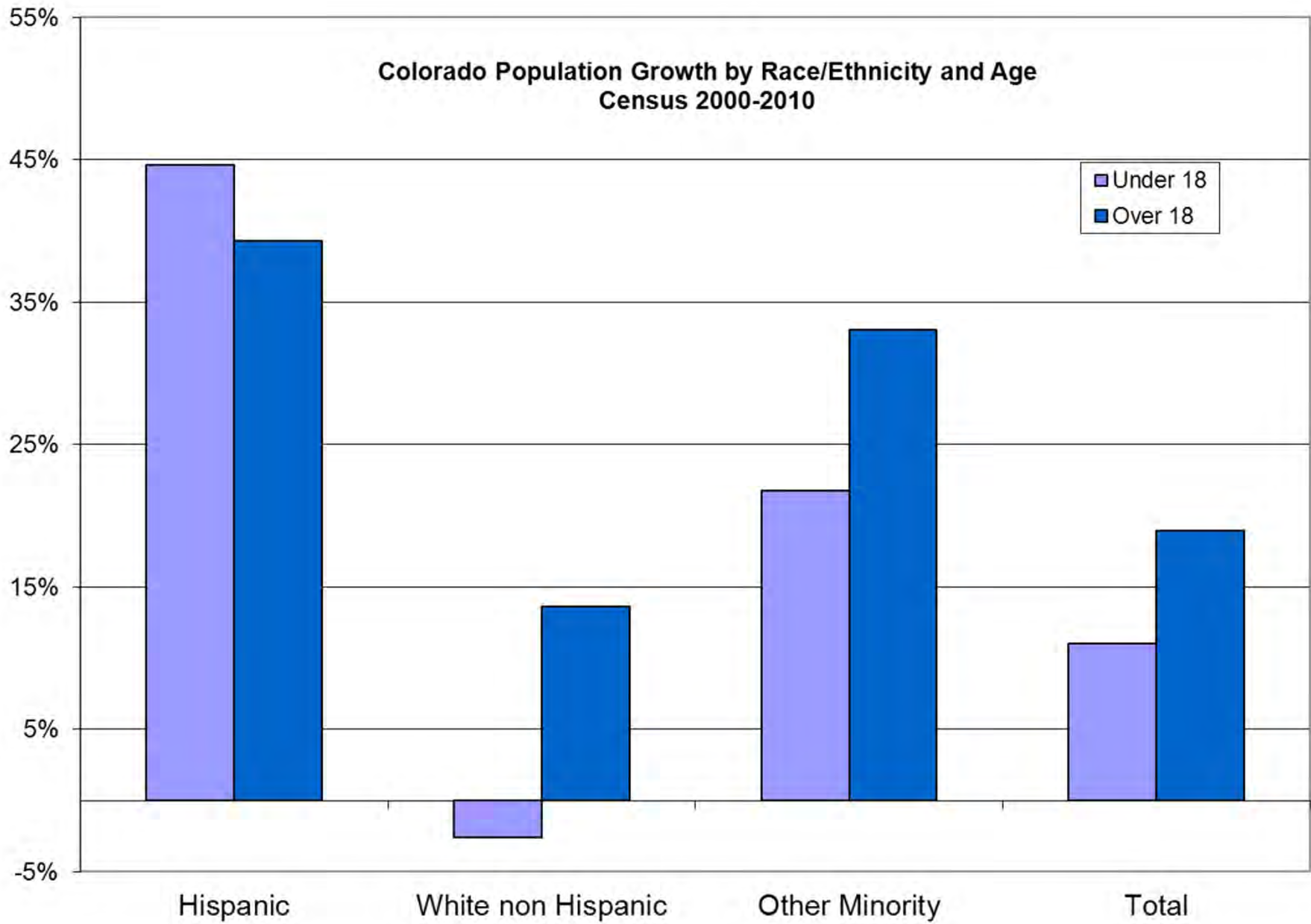


Change in Hispanic Population



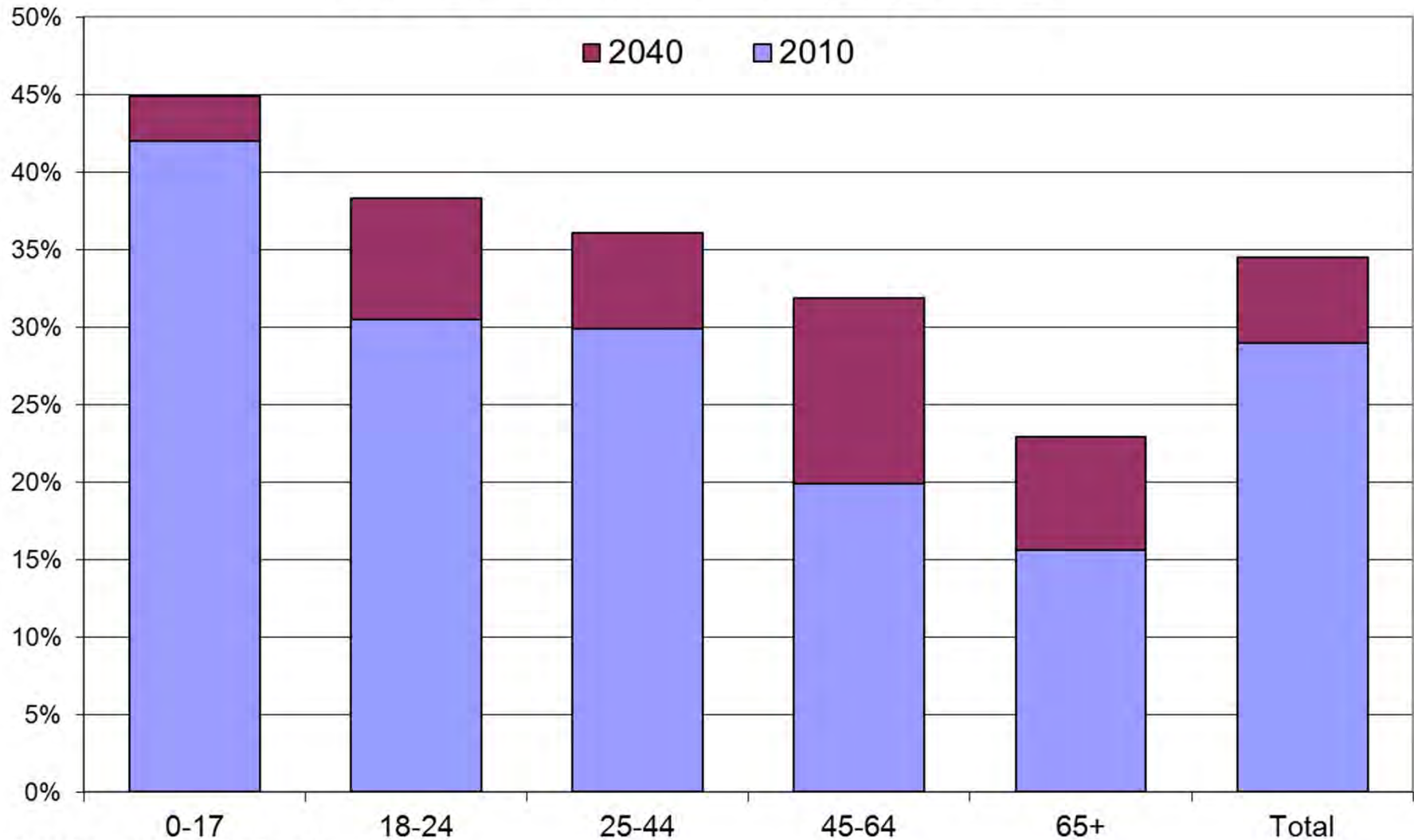
Source: US Census Bureau





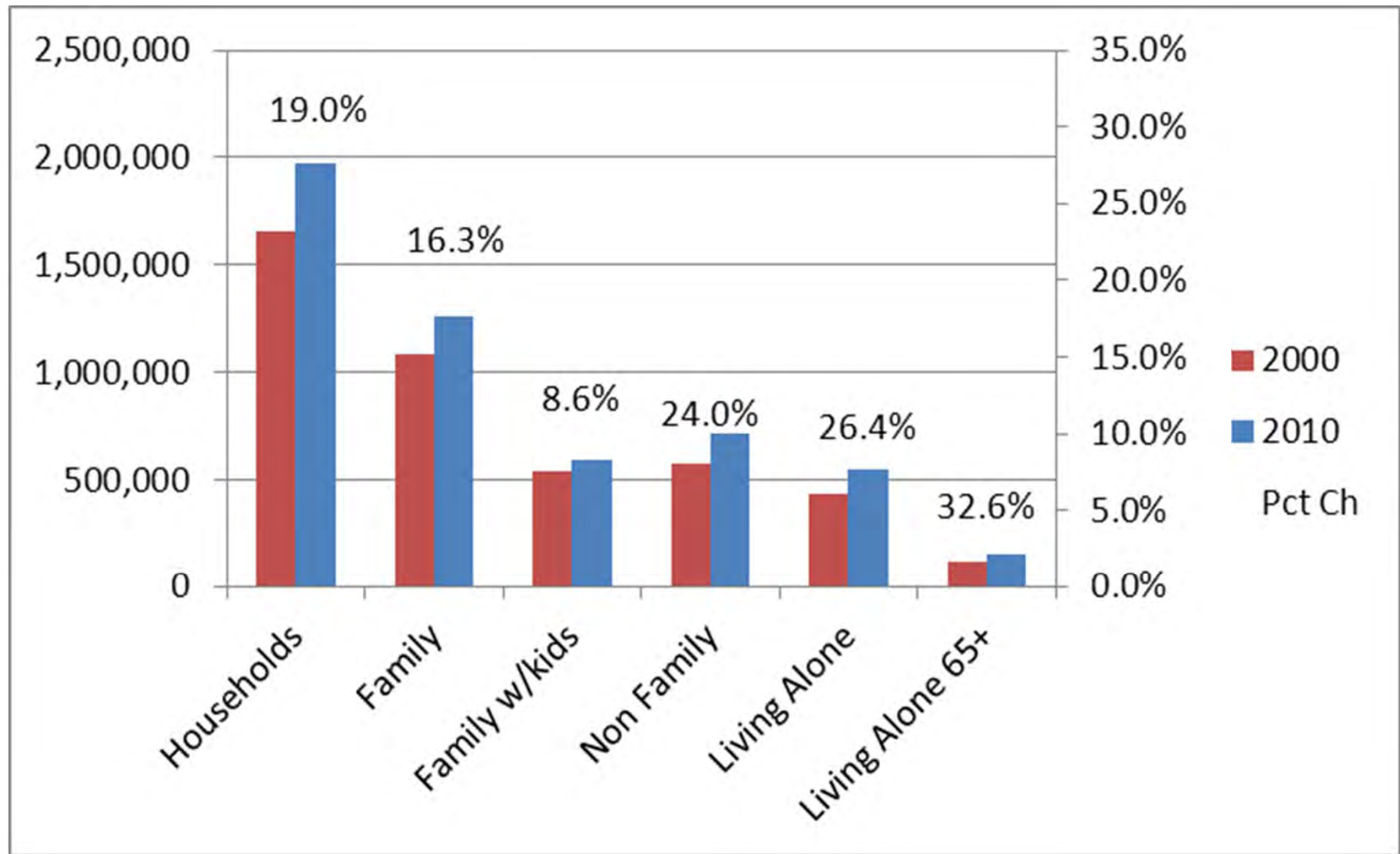
Source: Census 2000, 2010

Colorado Hispanic, Black, Asian, and Other Minority Share of Total Population By Age Group



State Demography Office Forecast, Nov. 2012

Colorado Households (HH size declining)



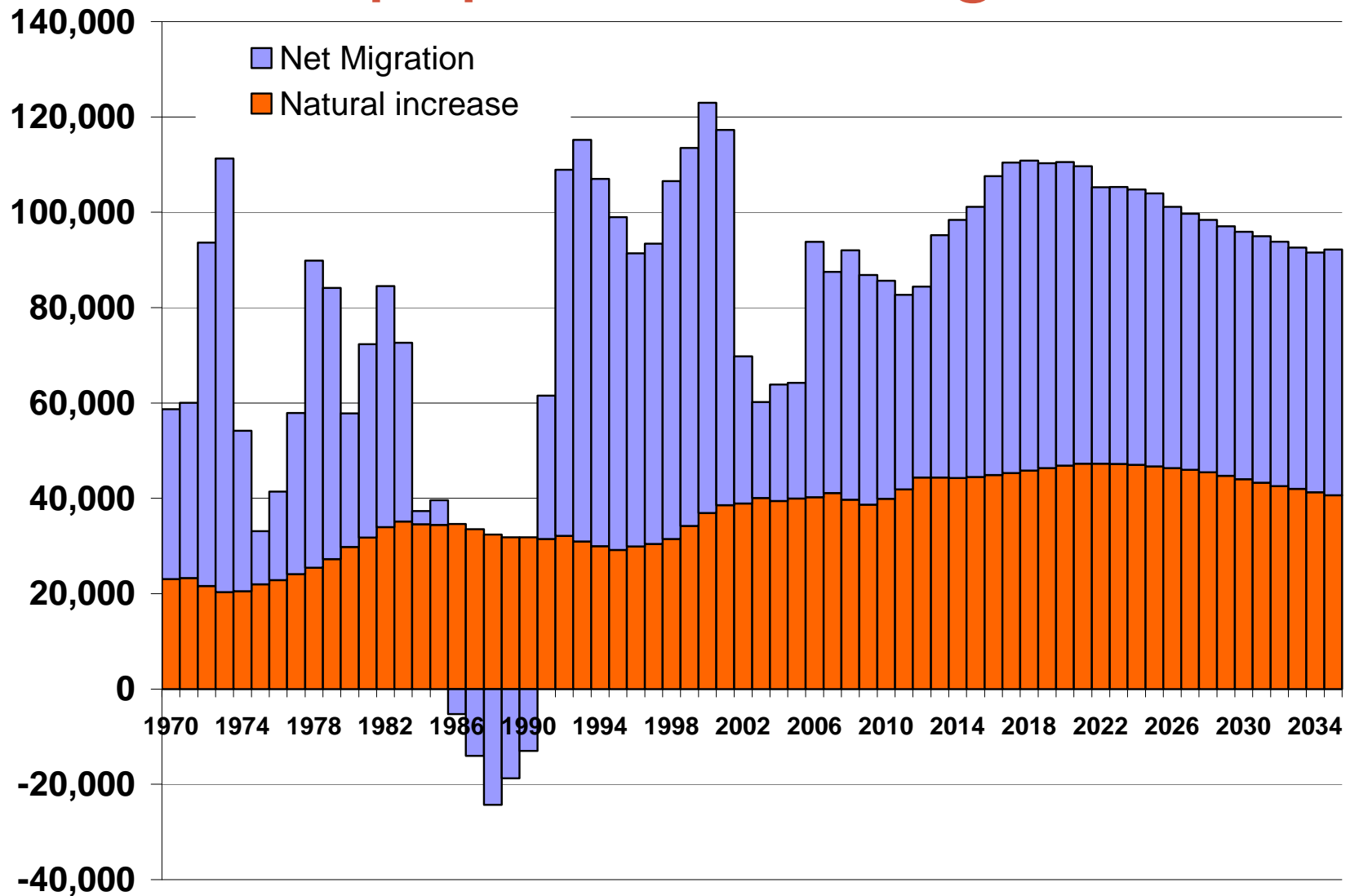
Source: Census 2000, 2010

Economic and Population Forecasts

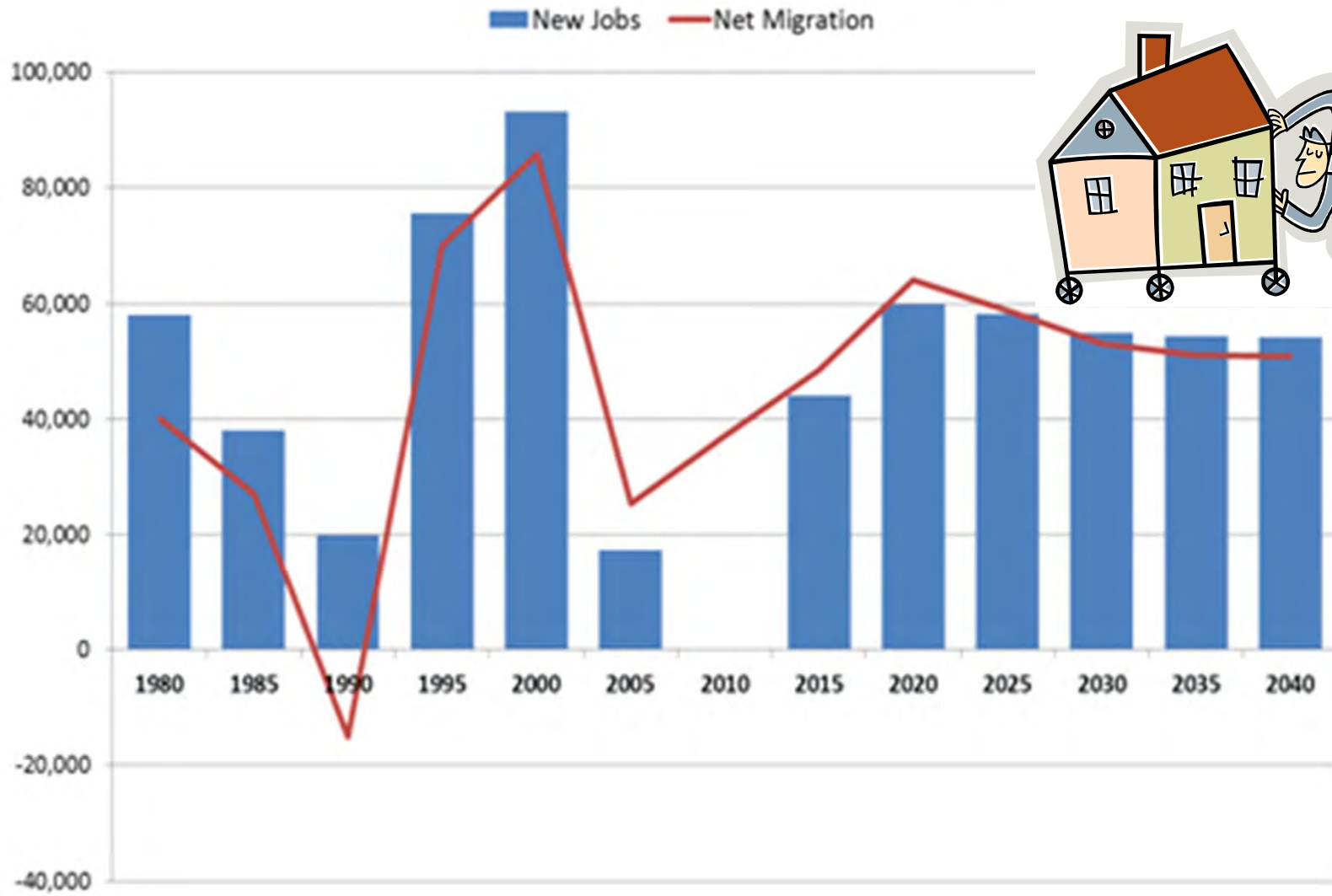
County level revised annually

- **Population change tied to both economic and demographic change.**
 - Demographic cohort-survival model = supply of labor provided by existing populations.
 - Economic forecast = demand for labor.
 - Economic Drivers
 - National Forecast
 - Local information – openings/closures
 - Differences in labor supply vs. labor demand resolved by the net migration of populations and associated household members

Colorado population change



Colorado New Jobs and Net Migration

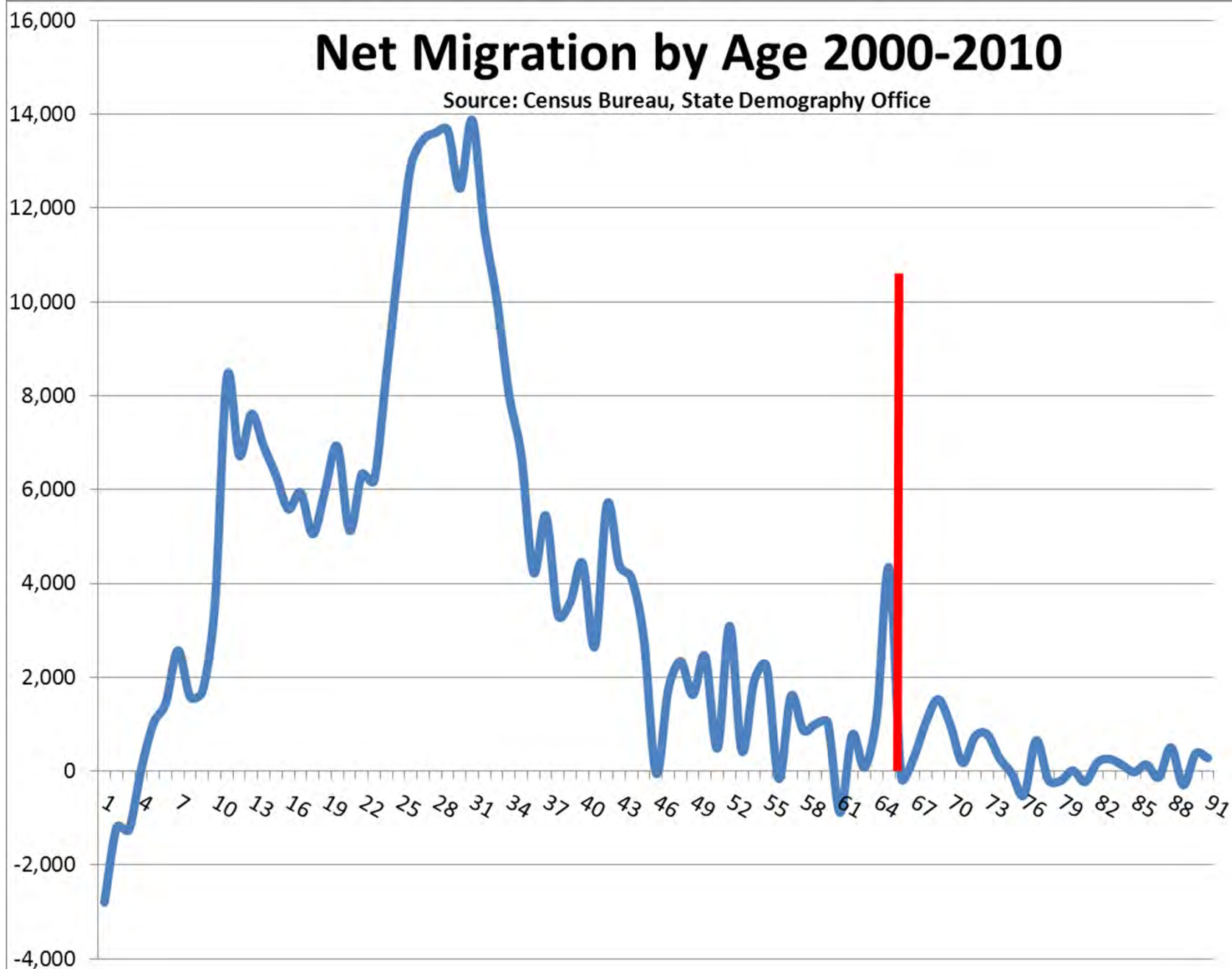


Source: State Demography Office



Net Migration by Age 2000-2010

Source: Census Bureau, State Demography Office

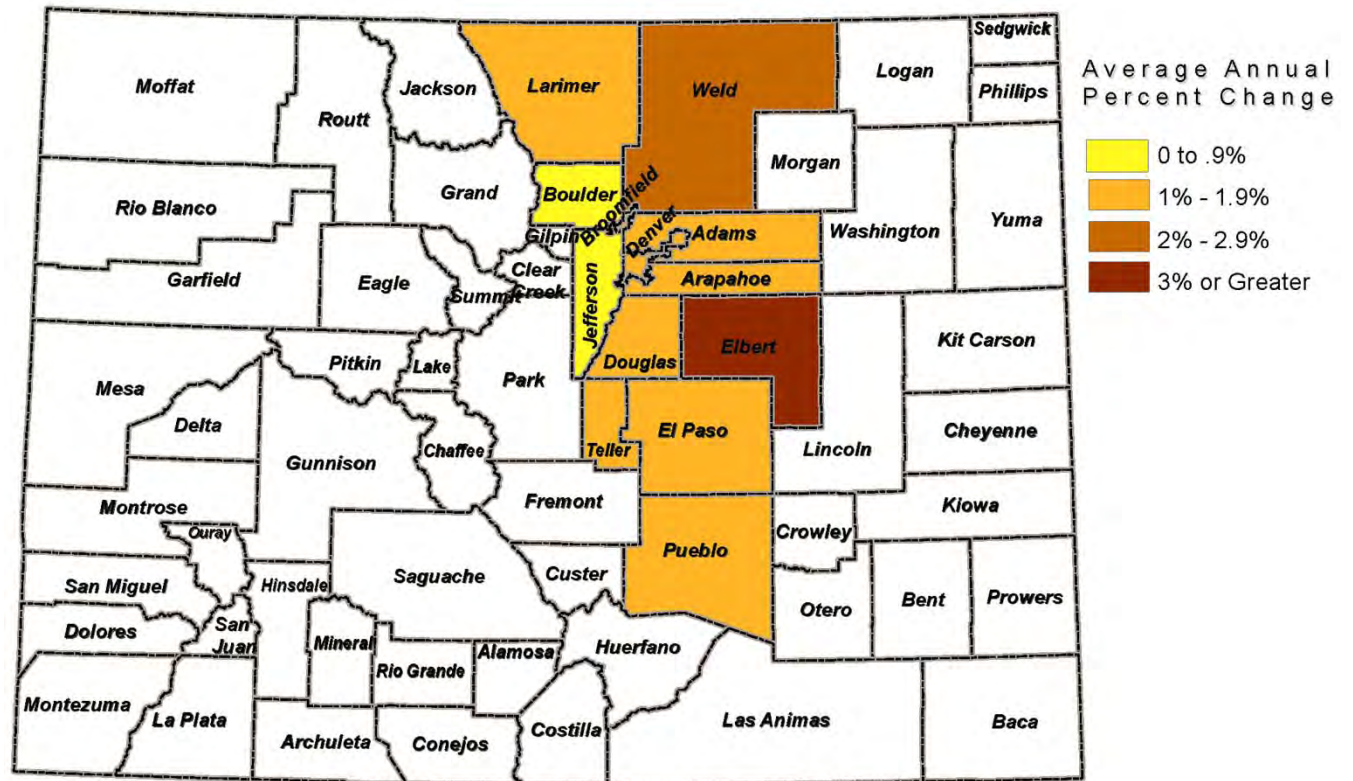


Expectations of Growth 2010-2040

Metropolitan Front Range

North Front Range
fastest growing
region

Elbert County
stronger growth
due to expected
job growth.



Expectations of Growth 2010-2040

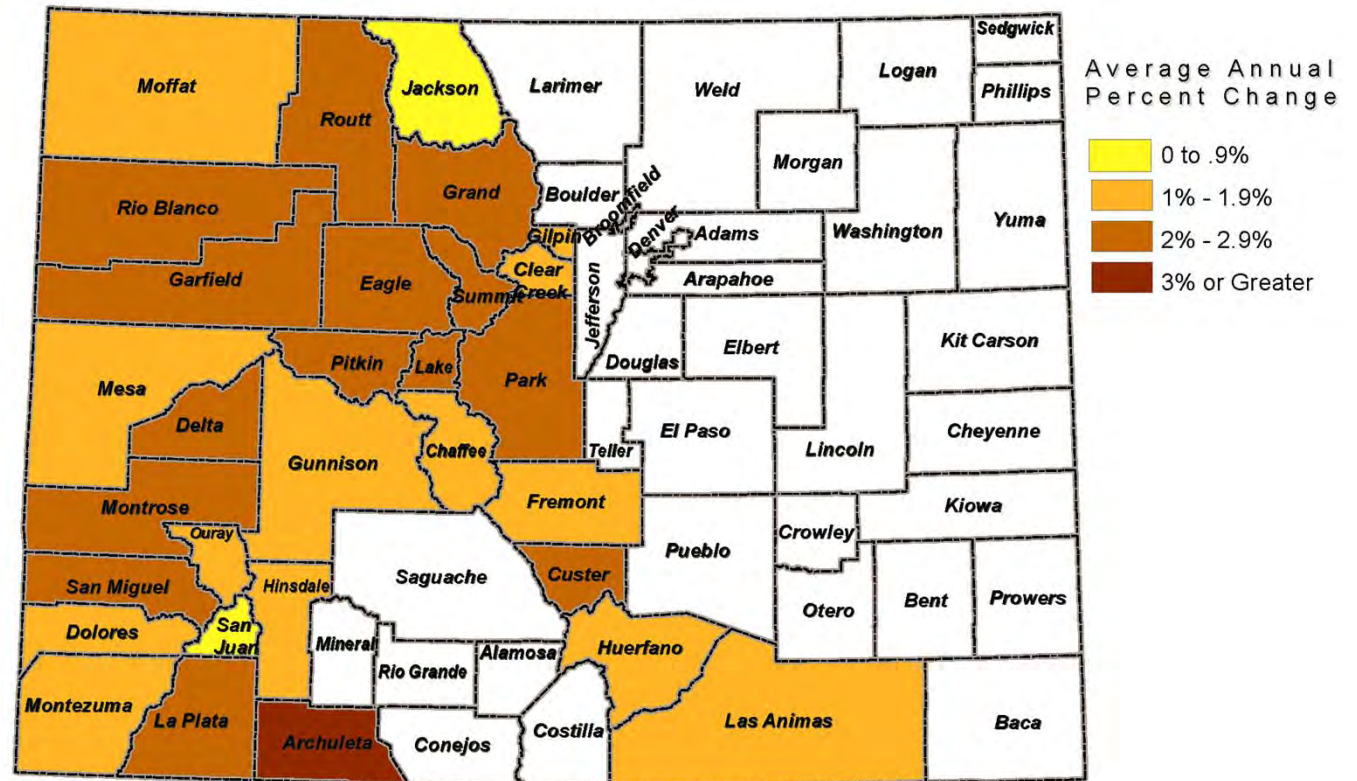
Western Slope and Central Mountains

Northwestern CO

Revised, slower growth for Moffat, Rio Blanco, and Garfield

Continued growth

Older in-migration profile for Mesa, Delta, Archuleta, and Montrose



Expectations of Growth 2010-2040

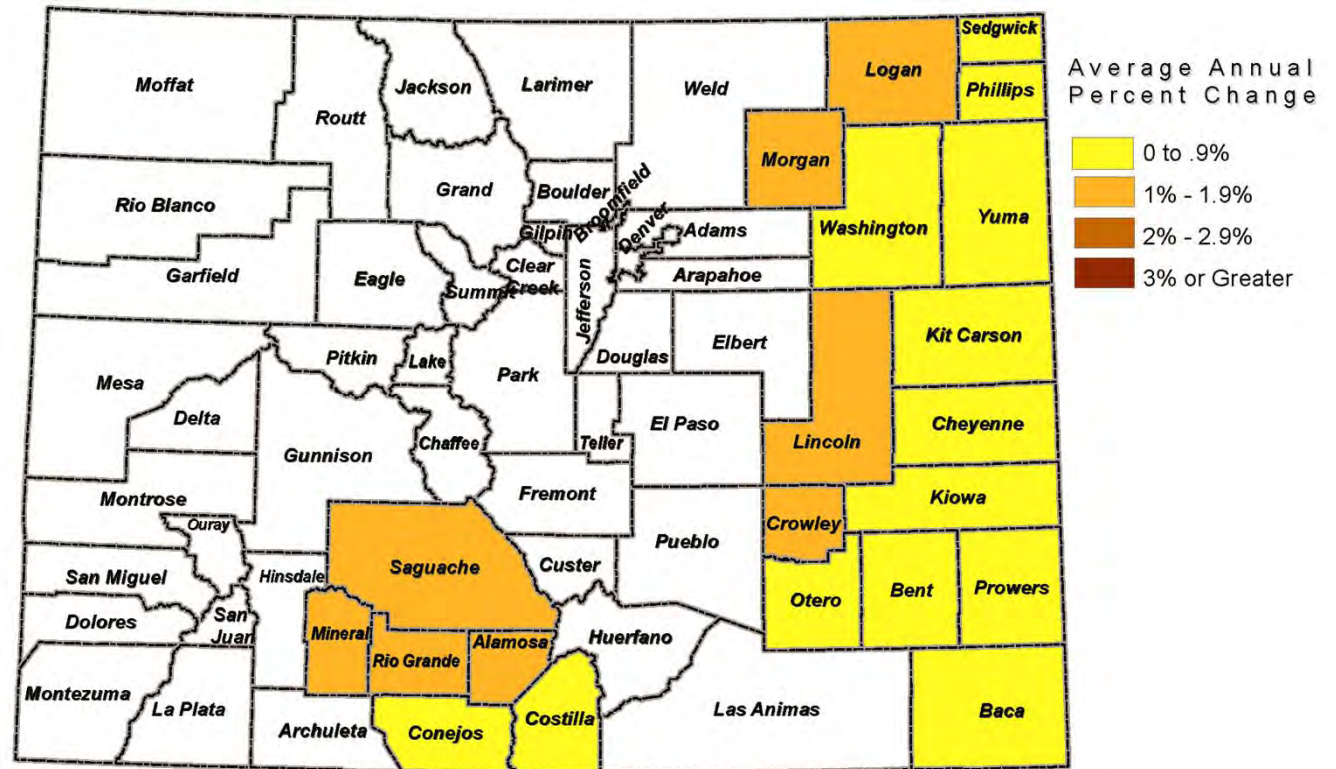
Eastern Plains and San Luis Valley

Eastern Plains

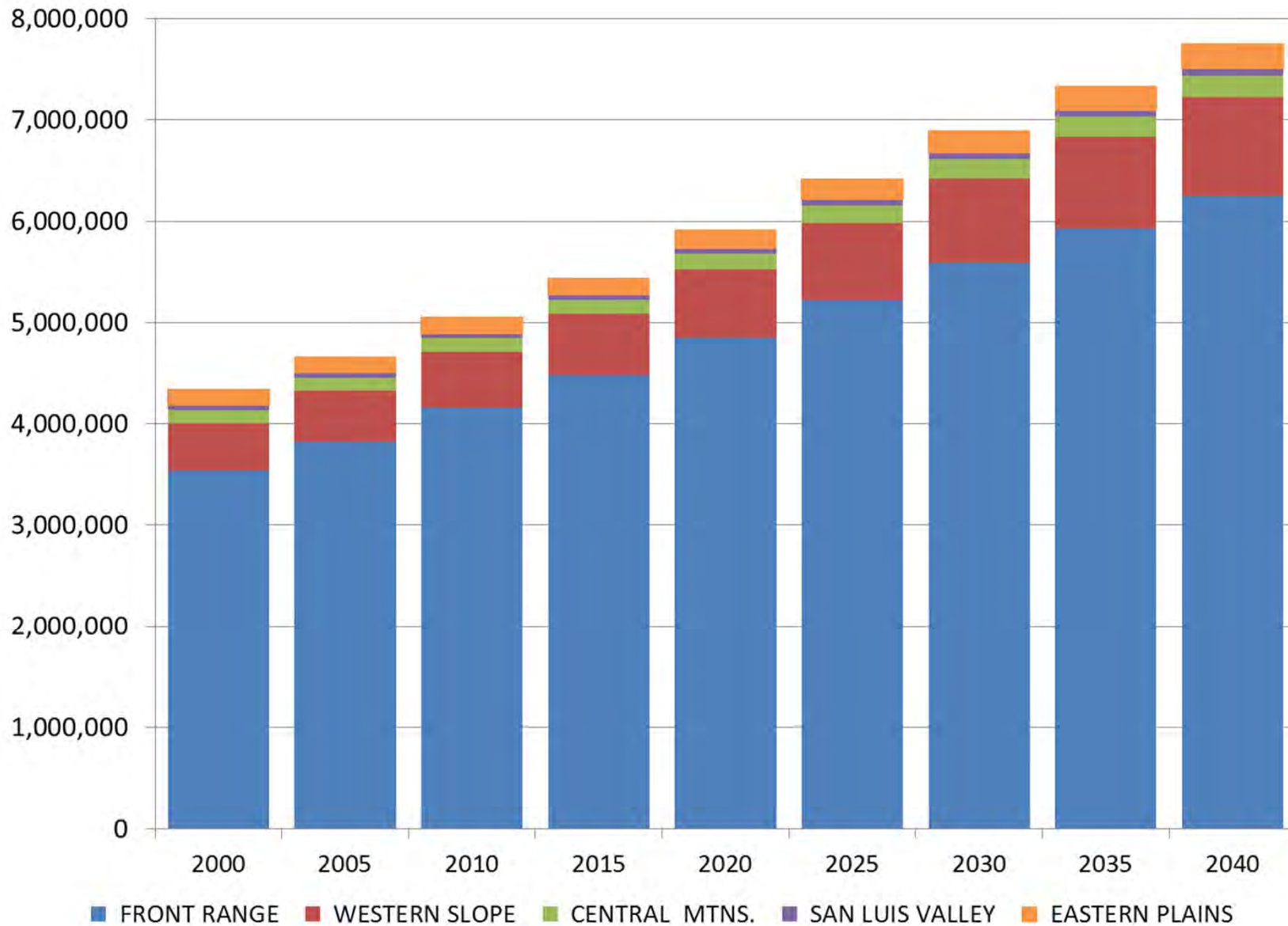
continued slower growth expected

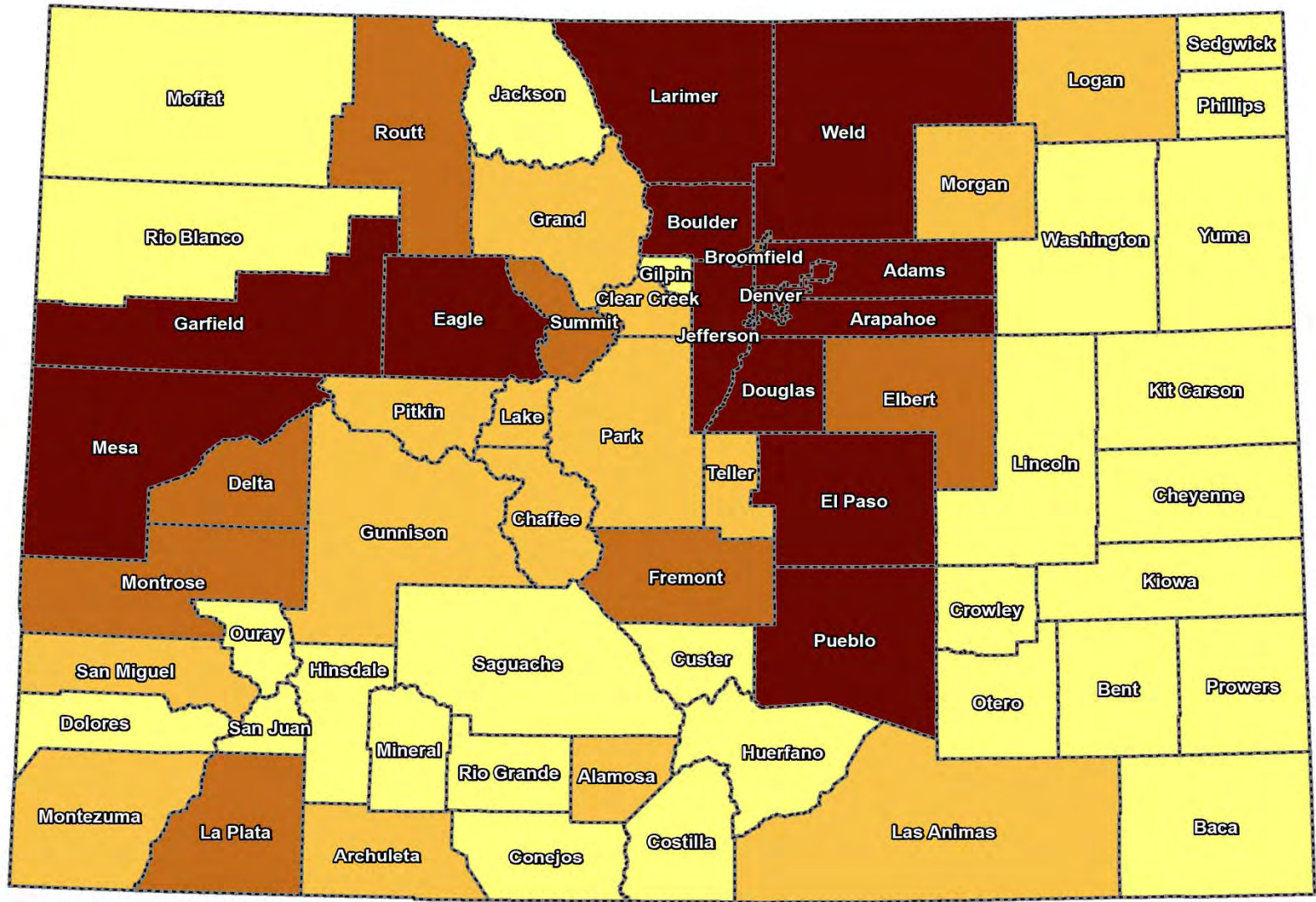
Southeastern Plains

Continued growth due to renewable energy



Colorado Population by Region



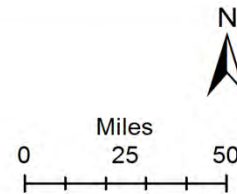


Projected Population Change 2010 to 2040

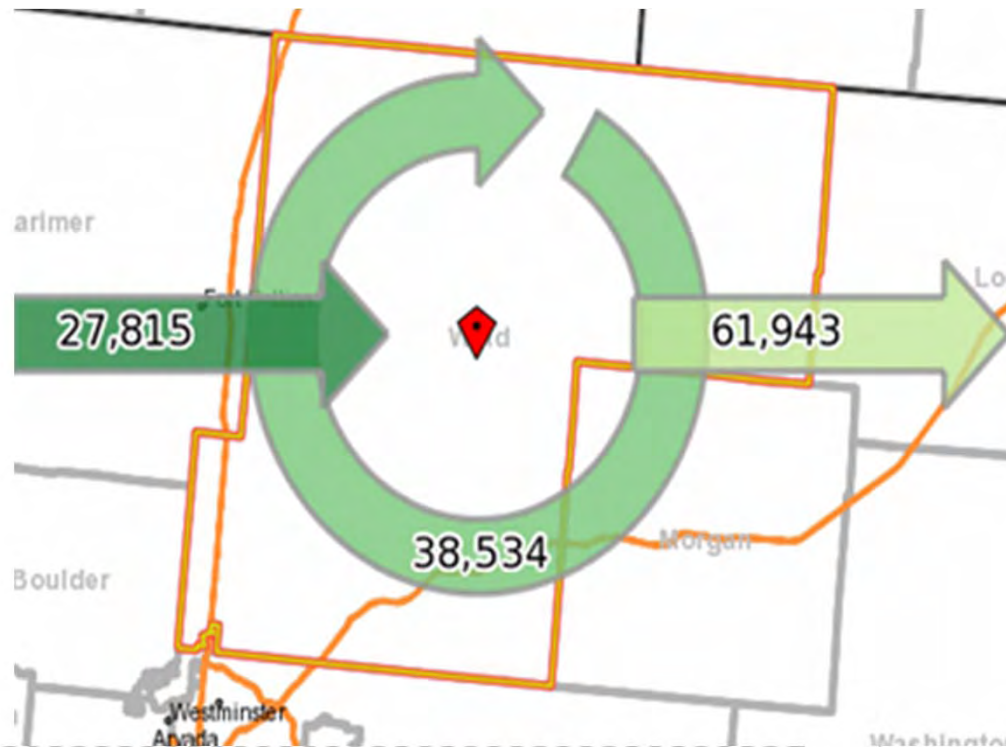
Source: State Demography Office, 12/10/2012

Projected Growth

- < 5,000
- 5,000 to 20,000
- 20,001 to 50,000
- > 50,000



Not Everyone Works and Lives in the Same County



Top 5 In-Commuter Origins	
Larimer County, CO	8,575
Adams County, CO	4,119
Boulder County, CO	3,296
Jefferson County, CO	1,939
Arapahoe County, CO	1,839

Top 5 Out-Commuter Destinations	
Larimer County, CO	11,973
Boulder County, CO	11,441
Denver County, CO	10,226
Adams County, CO	7,839
Arapahoe County, CO	5,384

Source: Local Employment Dynamics, Census Bureau, Department of Labor

Forecasting Worksheet for Weld

Relating Jobs to Population

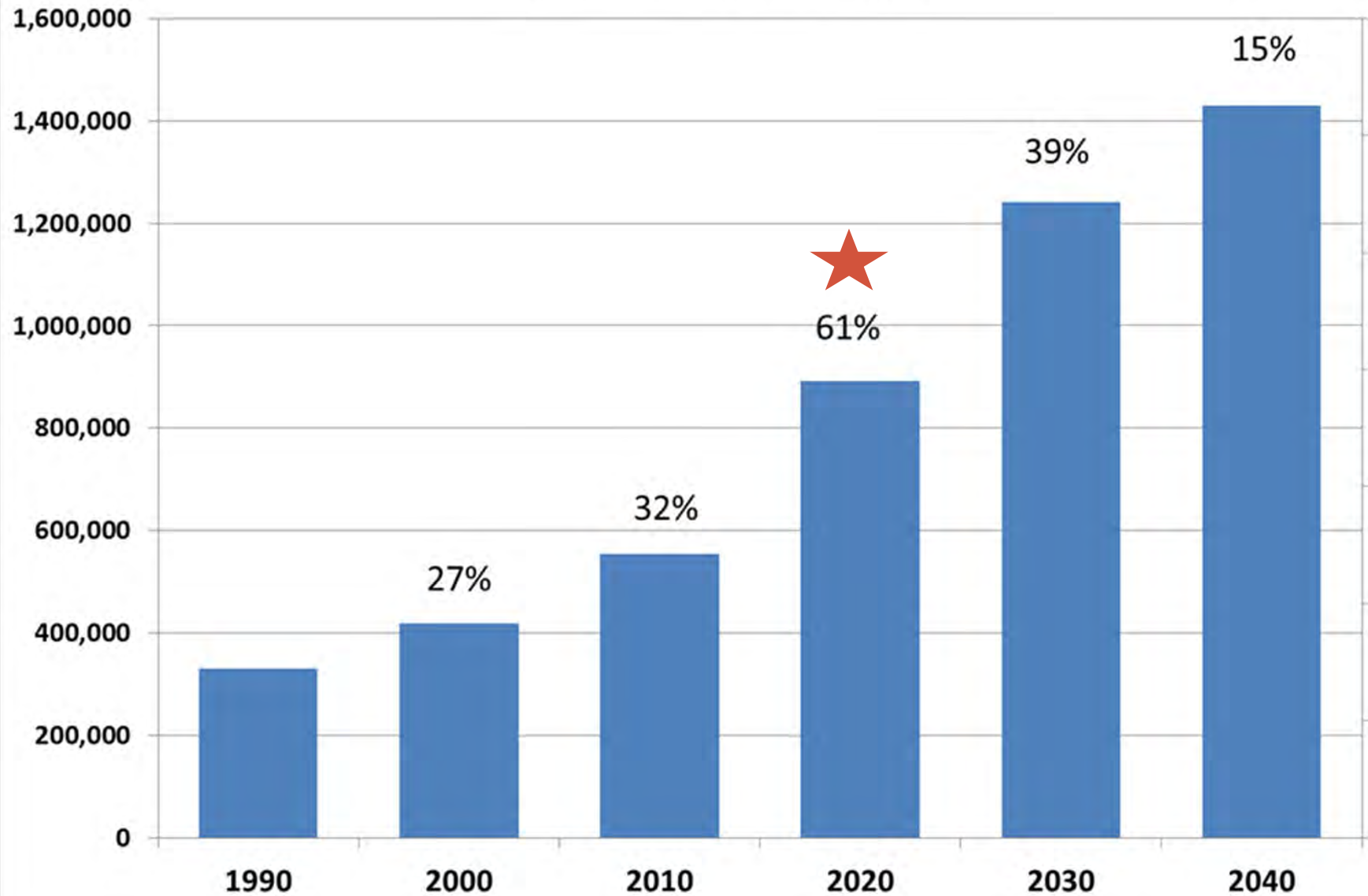
		<u>2010</u>	<u>2030</u>	<u>2040</u>
↓	TOTAL DIRECT BASIC JOBS	56,527	88,514	102,500
	NON-BASIC RESIDENT SV. JOBS	47,588	89,772	106,443
	TOTAL JOBS	104,115	178,286	208,943
	CIVILIAN JOBS (DEMAND)	103,460	177,254	207,903
	*Statistical Discrepancy	14,469	4,308	-12,206
↑	CIVILIAN JOBS HELD (SUPPLY)	88,991	172,946	220,109
	COMMUTING (+ = IN)	-34,000	-66,076	-84,095
	JOBS HELD BY RESIDENTS (includes multiple jobs)	122,991	239,022	304,204
	Employed Persons (Residents)	112,569	218,123	277,592
	LABOR FORCE (RESIDENTS)	125,232	232,921	296,543
	Population	254,230	445,160	567,218

Why Are We Getting Old Fast?

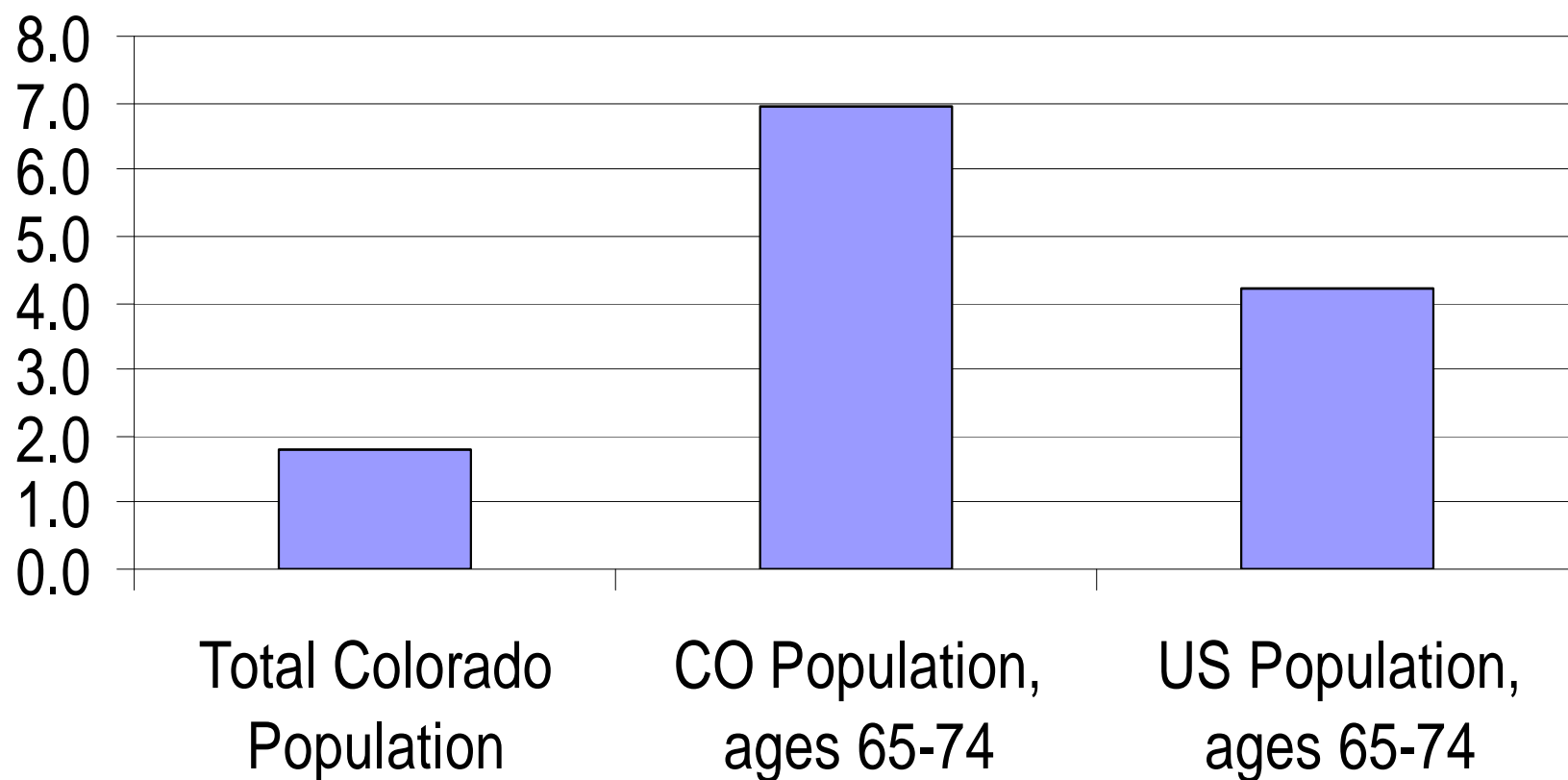
- Currently very few people over the age 65.
 - 4th lowest share of all states in US (10%)
- Baby Boomers
 - Born 1946 – 1964
 - 1,340,000 Boomers in Colorado (26% of pop. in 2010)
- By 2030, Colorado's population 65+ will be 125% larger than it was in 2010 growing from 555,000 to 1,243,000. (just from aging)
- Transition age distribution from “young” to more US average between 2010 and 2030.

Forecast for the Population 65+ in Colorado

Source: Census and State Demography Office

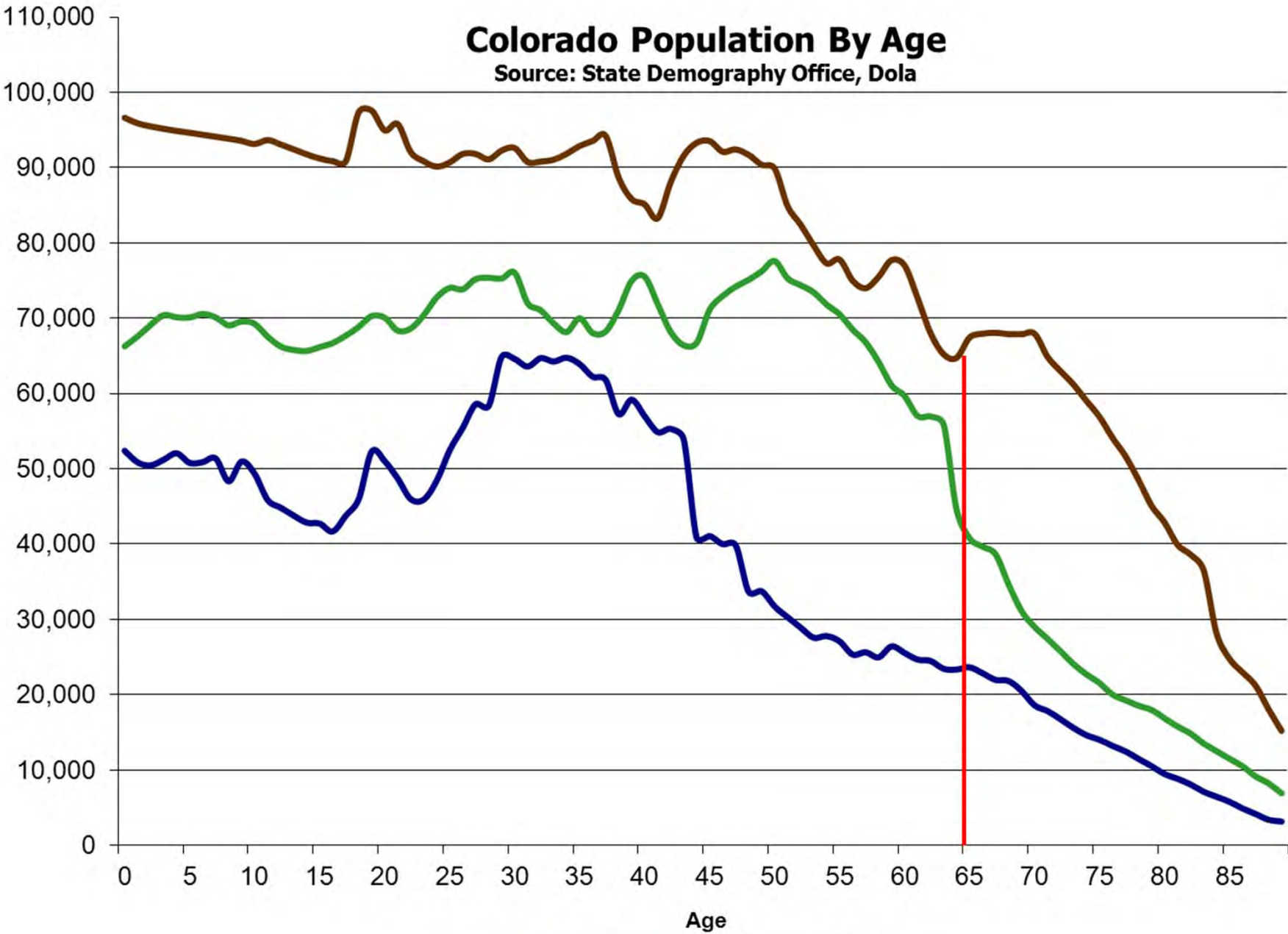


Annual Average Growth, 2010 - 2020



Colorado Population By Age

Source: State Demography Office, Dola

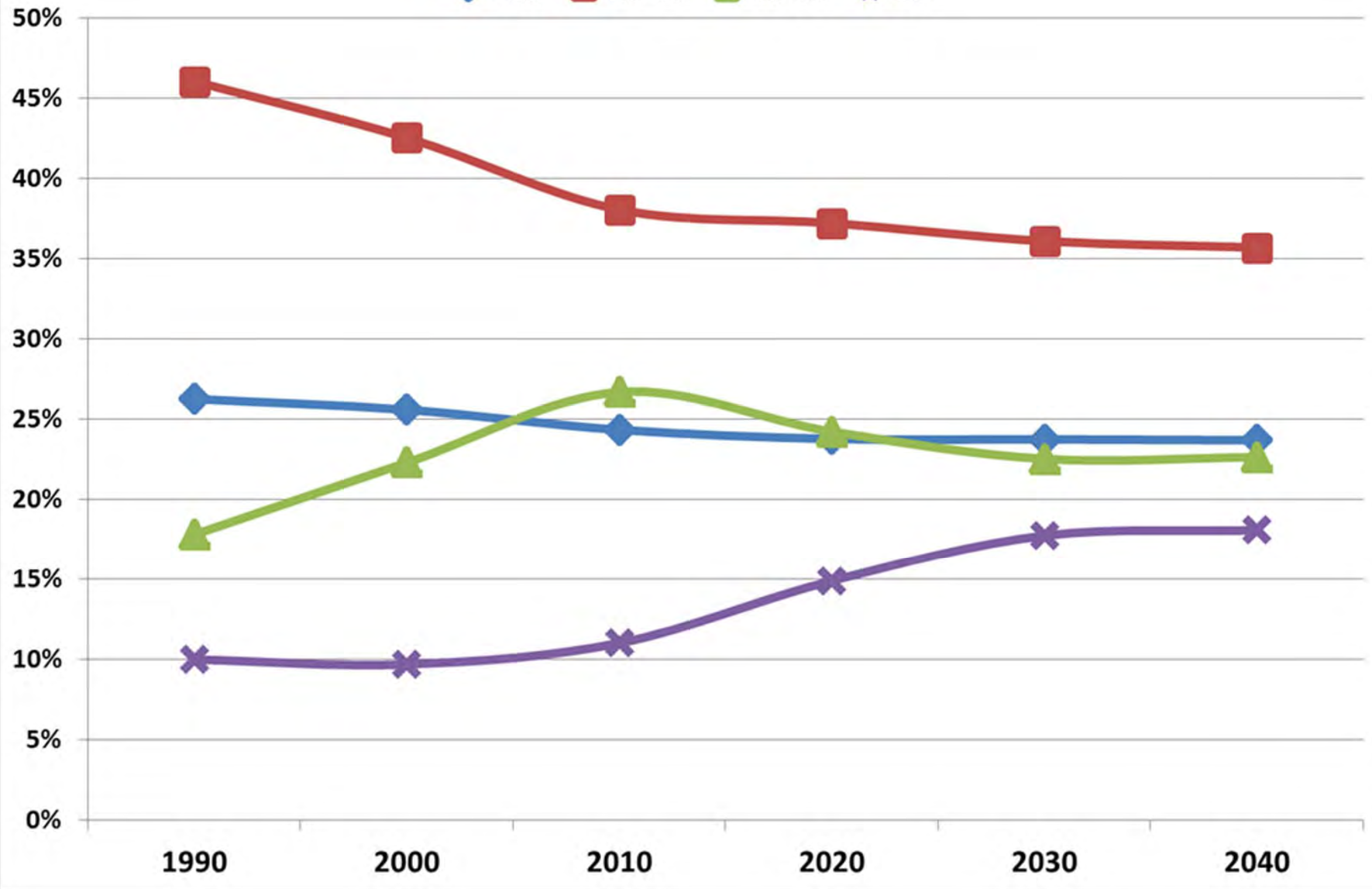


— 1990 — 2010 — 2030

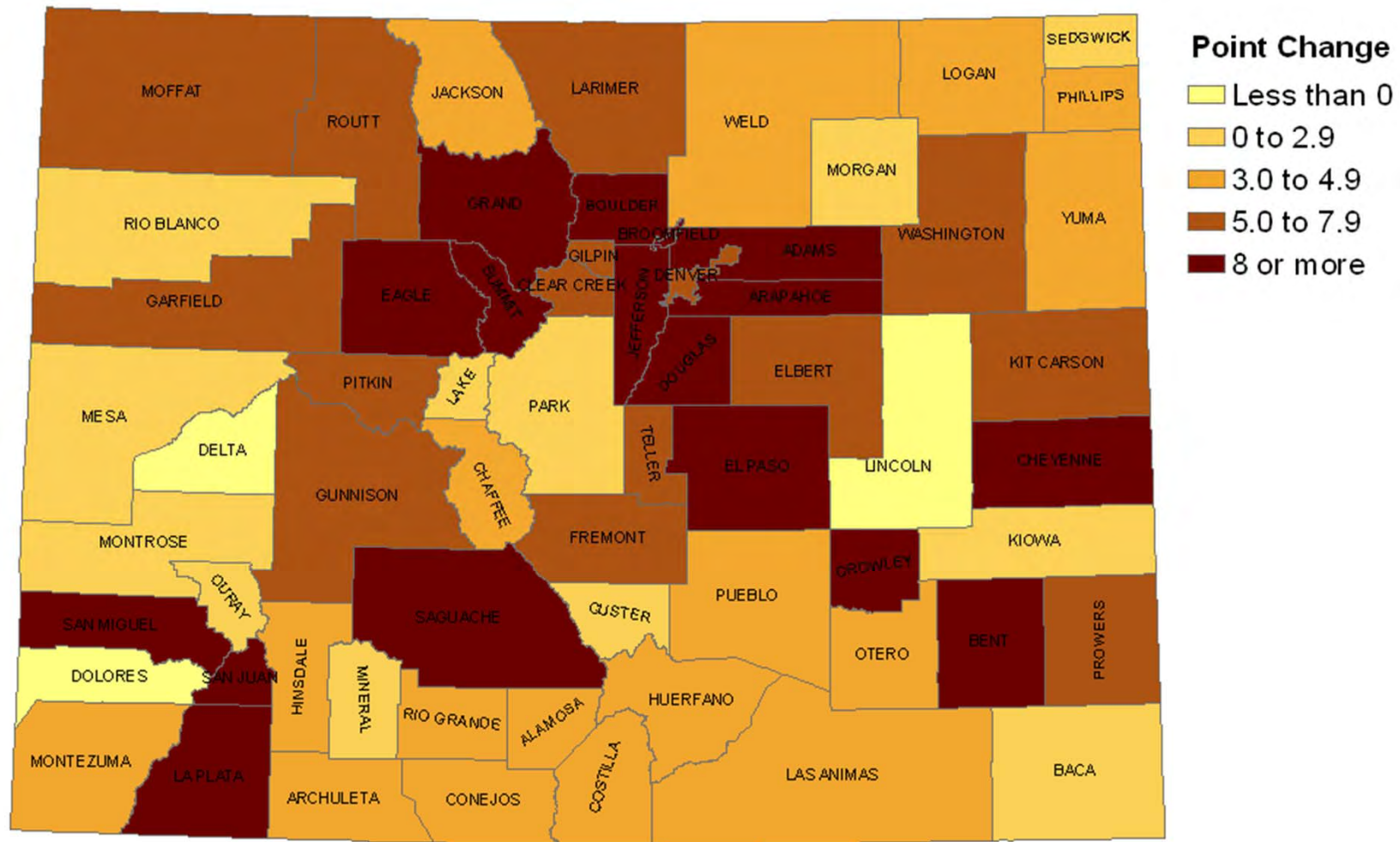
Source: State Demography Office

Share of Colorado Population

◆ <18 ■ 18-44 ▲ 45-64 ✕ 65+



Percentage point change of 65+ share of population, 2010 - 2030



Source: State Demography Office



Aging Issues

- Numbers
 - Colorado has never had many older people
- Economic Driver - wealthier depends
 - Spending of people 65+ supported approximately 137,000 jobs in 2010. (.25 jobs per person 65+)
- Labor Force
 - 37% of Labor Force – succession planning, gov't is one of the oldest average age sectors.
 - Worker to non worker share changing – non commute traffic
- Housing
 - Location choice related to amenities, health services, transportation services, costs.

Disabilities 65+

- Currently 34% have a disability
- Probabilities:
 - **69%** 65+ will have a disability at some point
 - **35%** 65+ will enter a nursing home
 - **50%** 85+ will need assistance with everyday tasks
- Increase in demand for transportation services for those with disabilities.



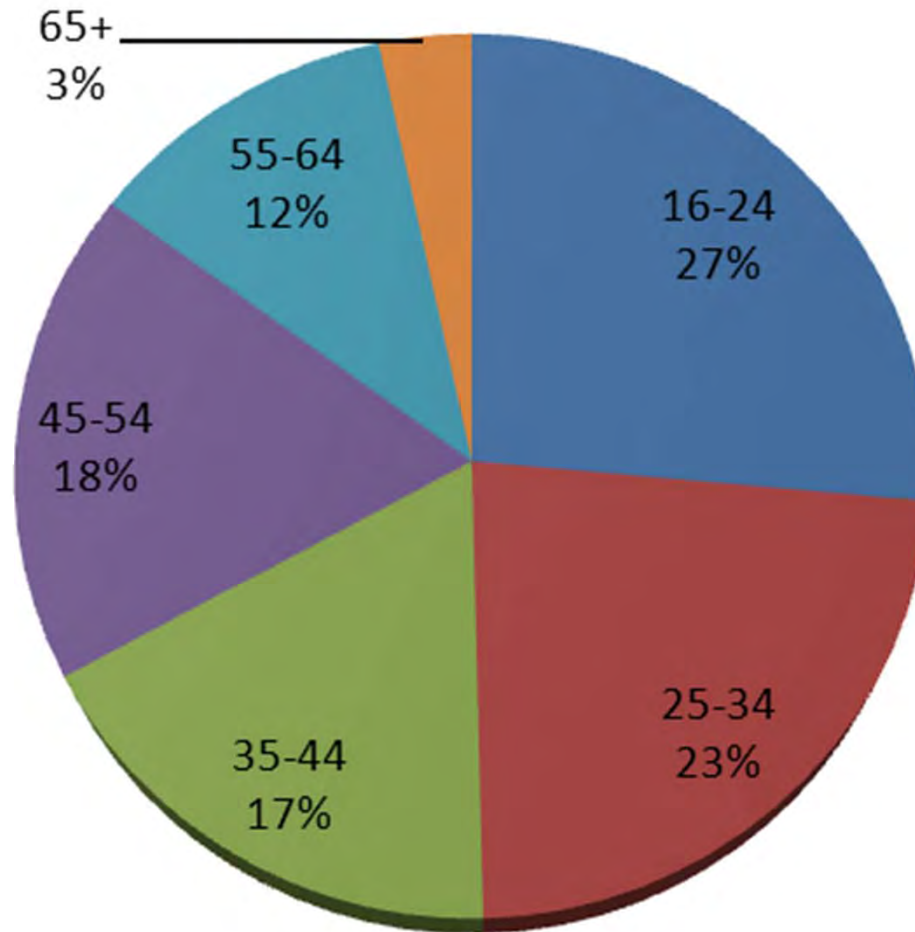
Aging and Public Finance

- Ratio of 65+ per 20-64 year olds in CO
 - Becoming more “normal”
- End of the “demographic dividend”
- Public Finance – change in revenue and expenditures.
- Income tax – downward pressure
- Sales tax – downward pressure
- Property tax – downward pressure
- Health services – increasing
- Medicaid - increasing

Household Income....its falling.

- Colorado Real Median HH Income fell between 2000-2010 by \$7,700 (12%). US median HH Income fell by \$4,900 (8%)
- Age distributions – “End of “Demographic Dividend”
- Occupational Mix – high and low service
- Race/ethnicity of householder + Educational attainment.
- Household type and size – single and smaller.
- Youth un and under employment - Long term permanent impacts on earnings.

Share of Unemployed by Age



Source: Bureau of Labor Statistics 2011 Annual Average

Summary

- Population growth (rate) slowing but faster than US.
- Job change drives population change.
- Household formation changes – single person
- More diverse racially/ethnically – especially at young end.
- Aging - Fundamental change to our state due to current low share over 65.
 - Primary impact Front Range and Western Slope
- Income – downward pressure on per household income.
 - Age
 - Educational attainment – potential
 - Long run un and under employment

Thank you

State Demography Office
Department of Local Affairs

Elizabeth Garner

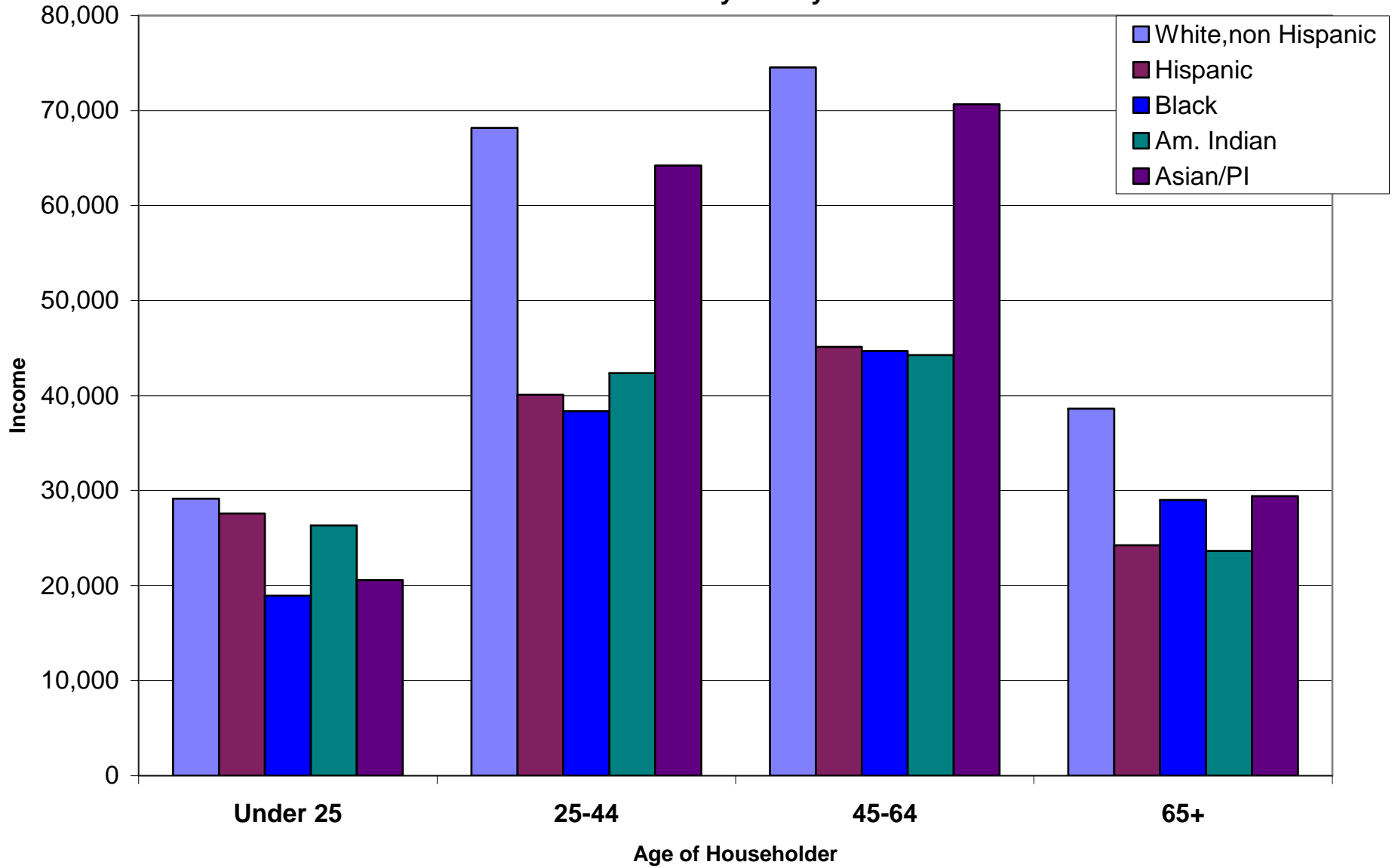
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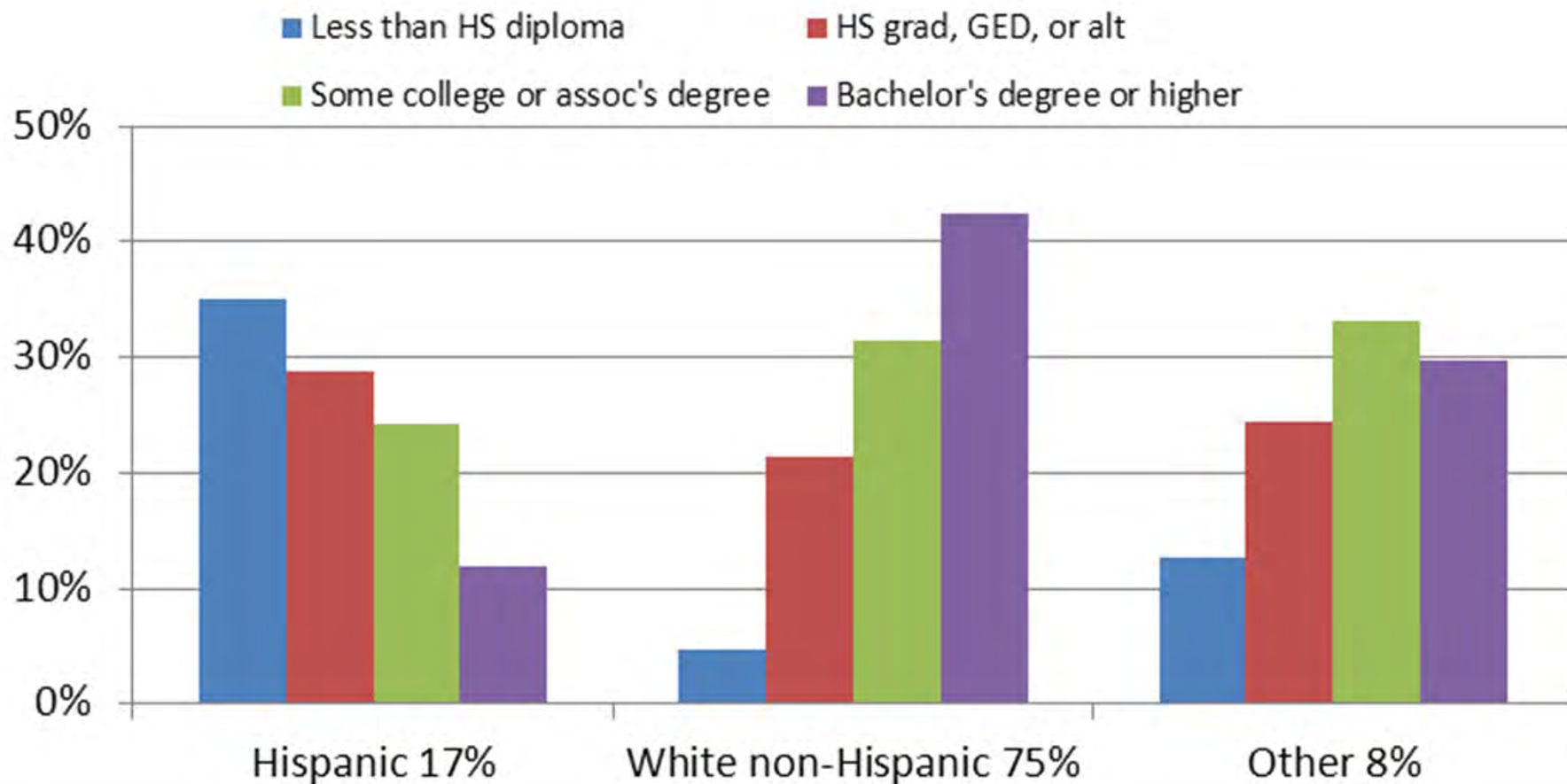
www.colorado.gov/demography



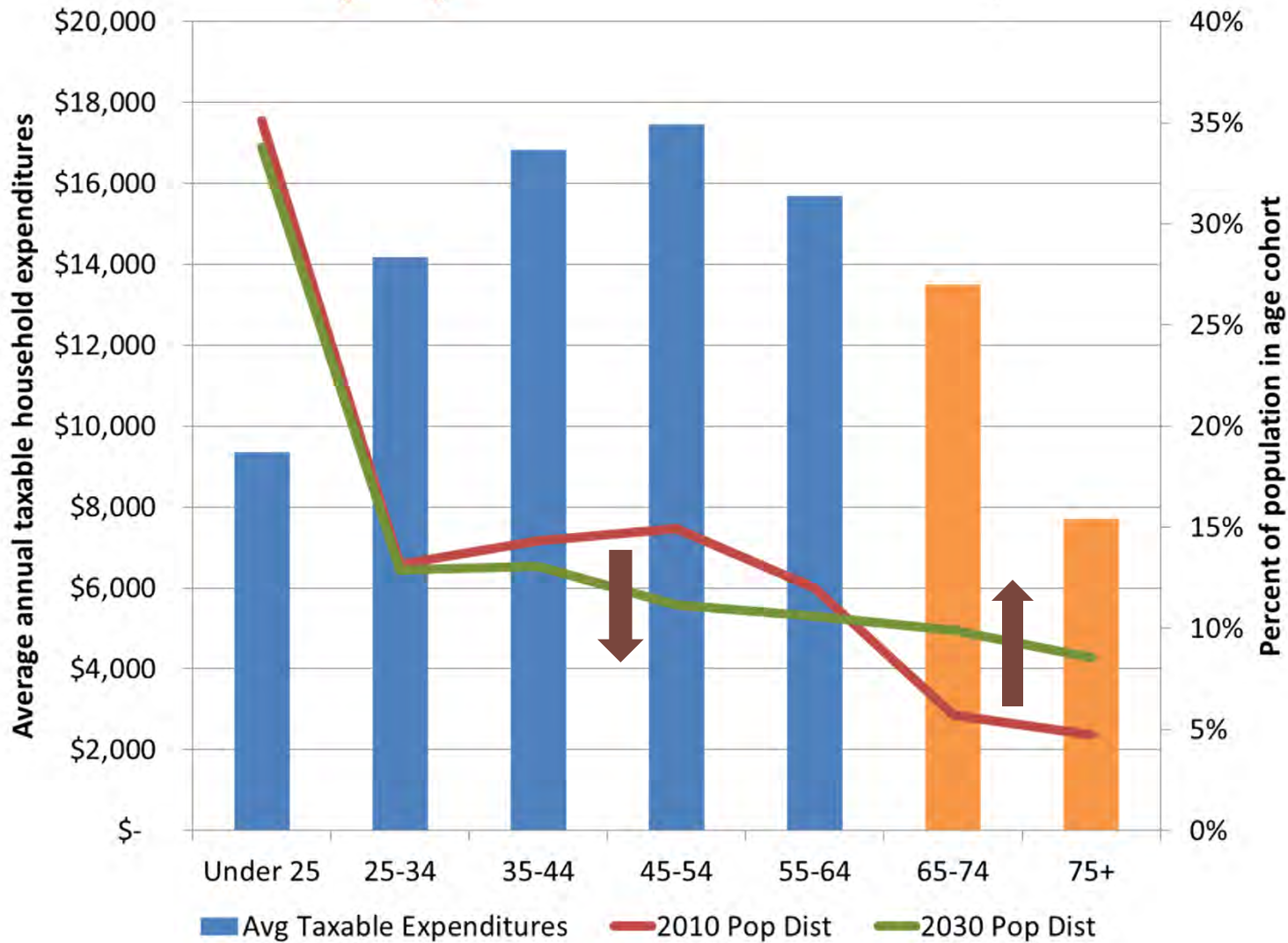
Colorado Median Household Income by Race/Ethnicity by Age
American Community Survey 2005-09



Colorado Educational Attainment by Race for Pop 25+ 2010 ACS 1 year

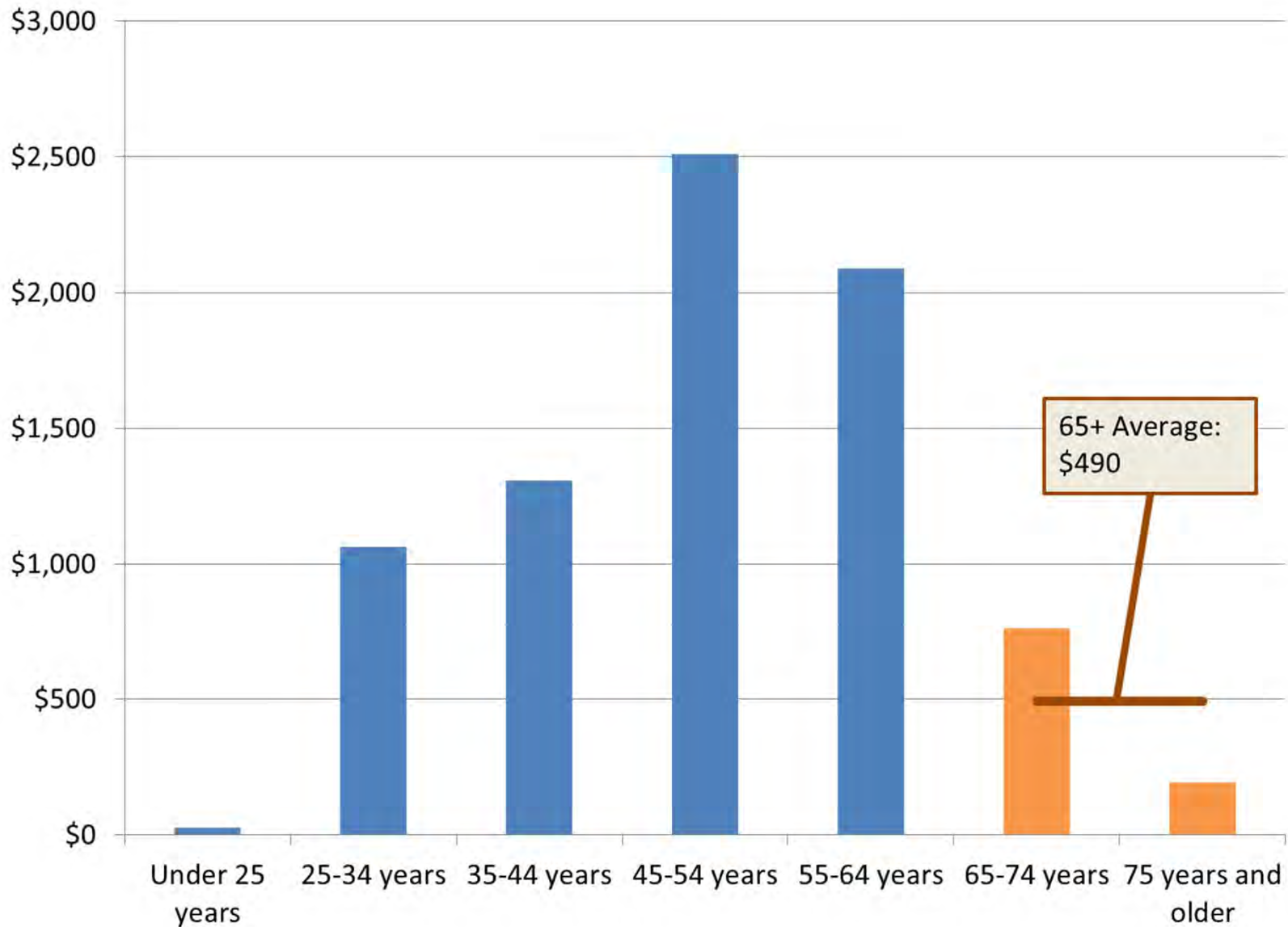


Average Taxable Expenditures and Colorado population in 2010, 2030



Source: Bureau of Labor Statistics Consumer Expenditure Survey (2009), State Demography Office

Average federal income tax paid by age



Source: Bureau of Labor Statistics Consumer Expenditure Survey (2009)

