

# Poverty in Colorado By the Numbers

**Elizabeth Garner, State Demographer, Department of  
Local Affairs**



# A Picture of Poverty in Colorado

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[www.colorado.gov/demography](http://www.colorado.gov/demography)



# State Demography Office

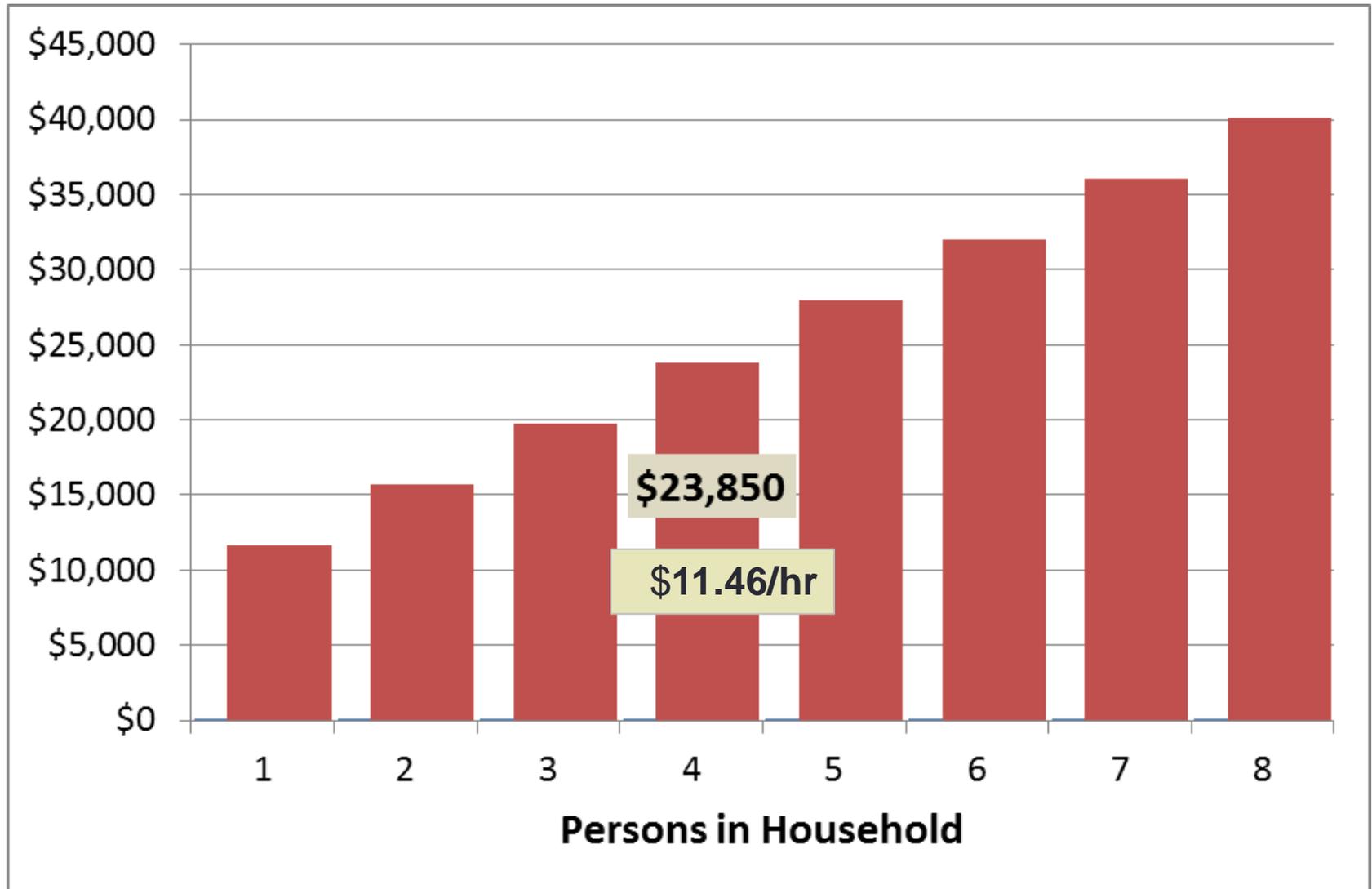
- State Agency
  - Responsible for population data needed by state agencies.
- Department of Local Affairs
  - Prepares data and information in ways that account for local perspectives, needs.
- Public Information
  - Makes data and information readily available to the public, including citizens, businesses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



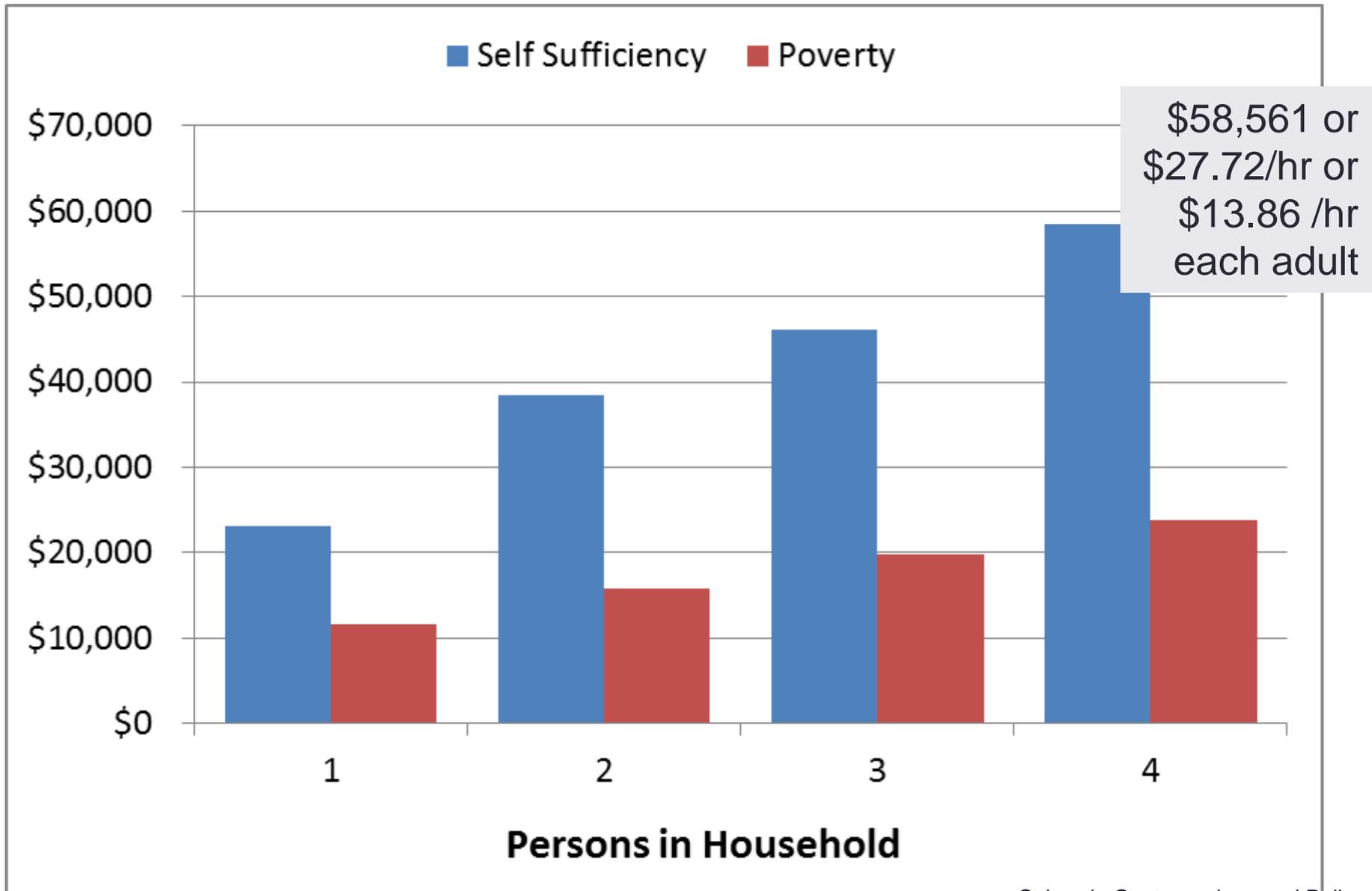
# Outline

- Define poverty
- Compared to data on livable wage and industry wages.
- Trends in Poverty
- Poverty by Characteristic
  - Age
  - Employment Status
  - Educational attainment
  - Household type and size

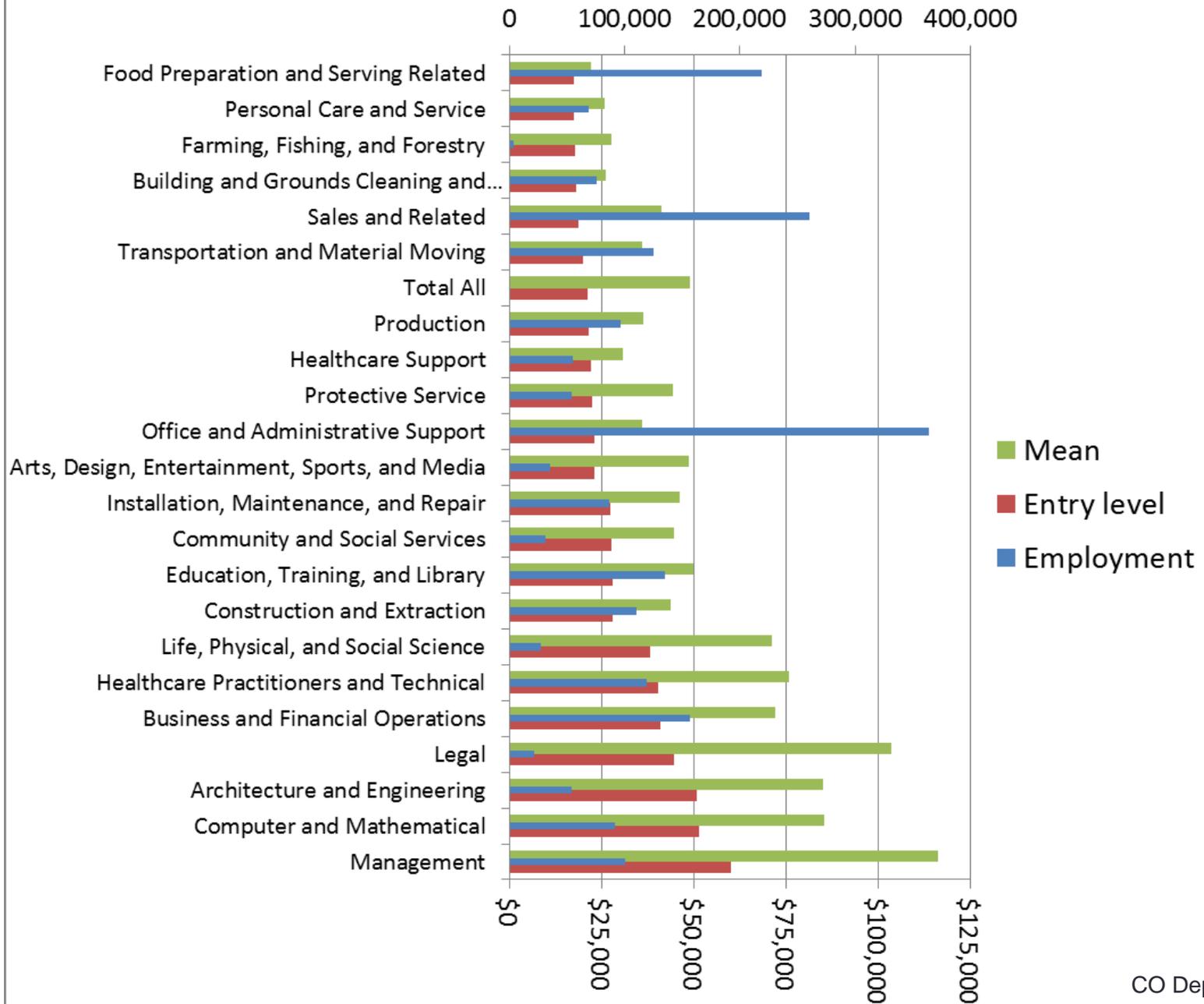
# What is Poverty – US Poverty Thresholds



# Self Sufficiency Standard vs. Poverty

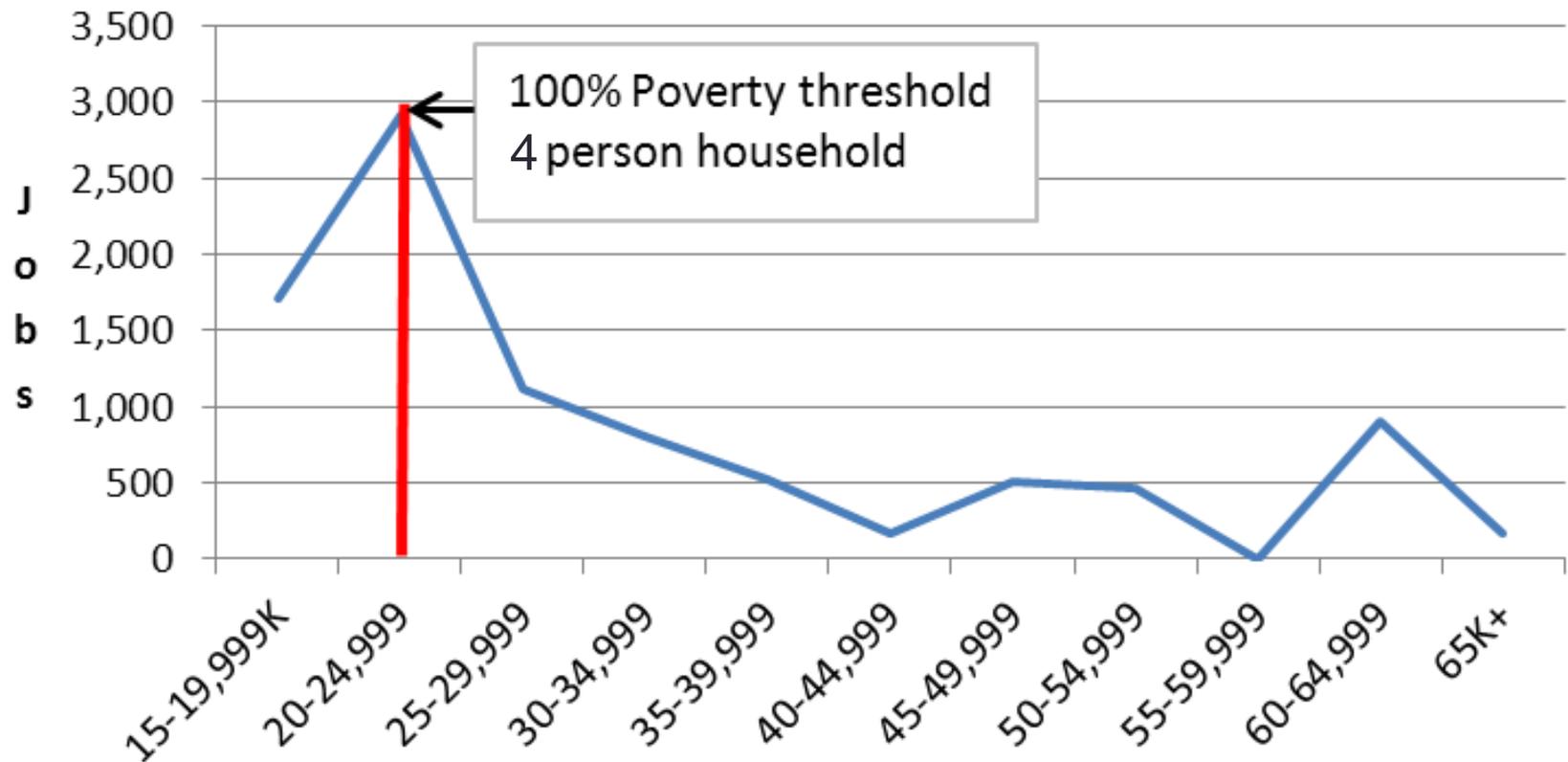


# Occupations, Employment and Wage Rates in Colorado, 2013

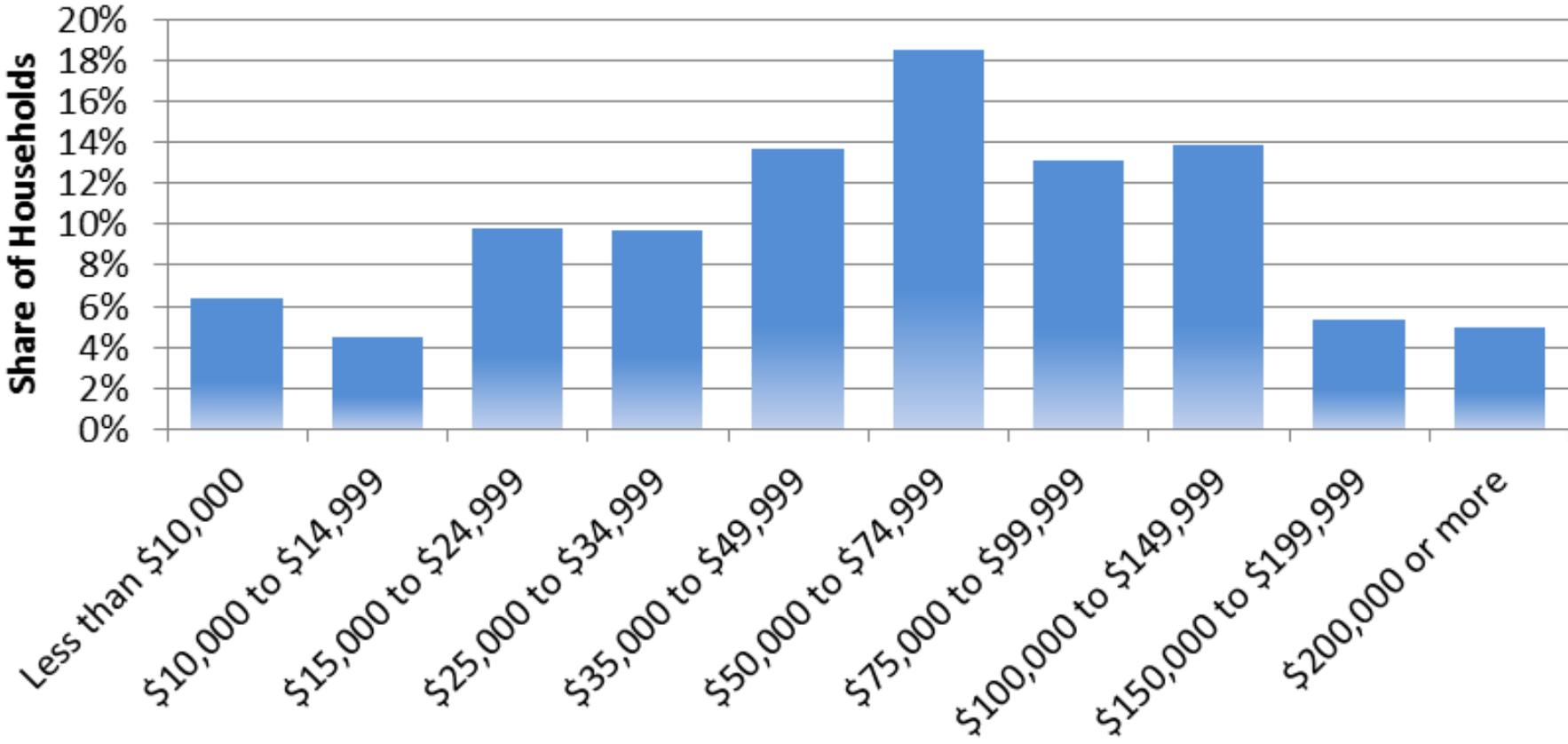


# Occupational Wage Outlook

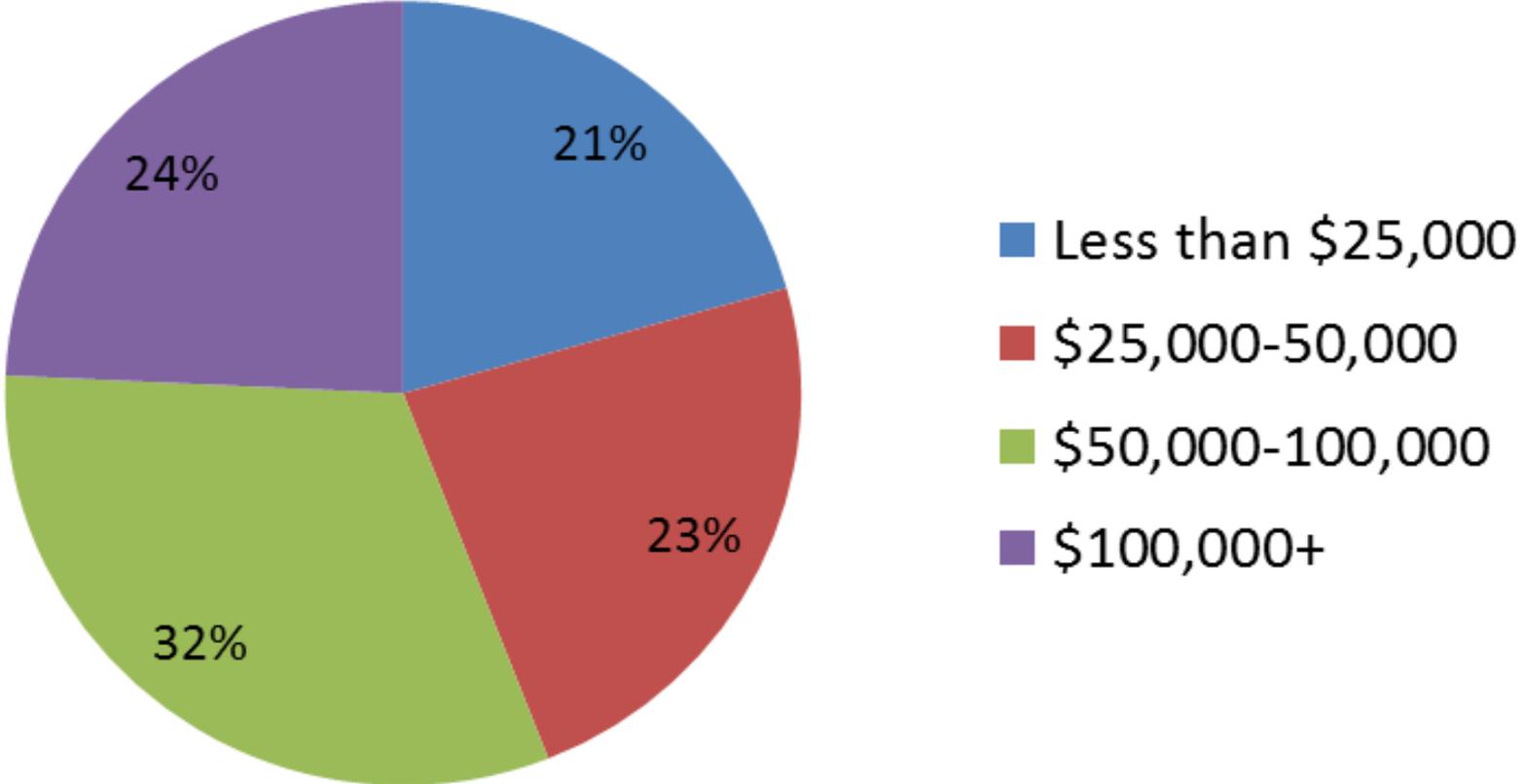
## US Top Occupations to Grow by Wage 2010-2020



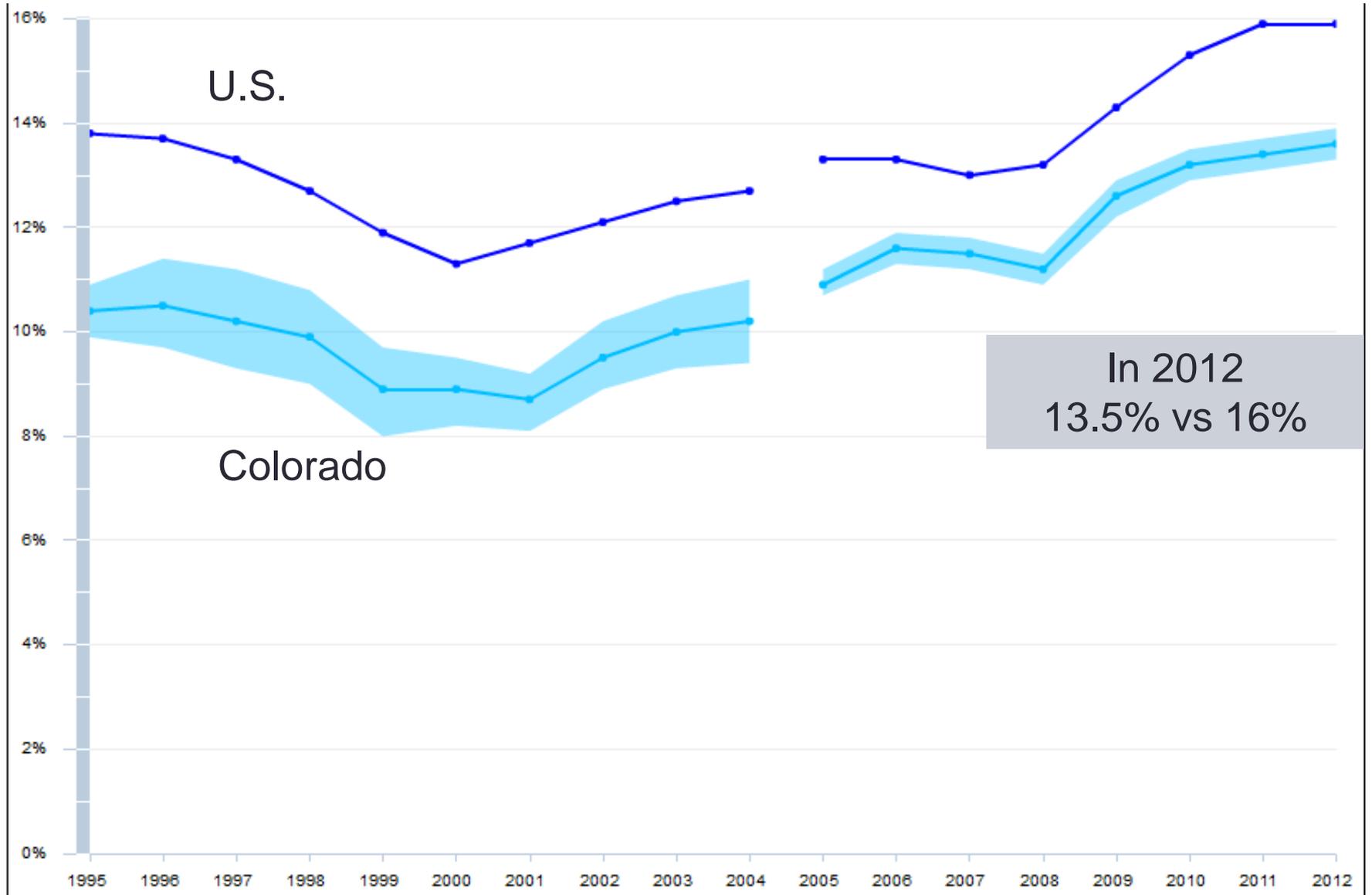
# Colorado Household Income Distribution, 2012



# Colorado Share of Households By Income, 2012

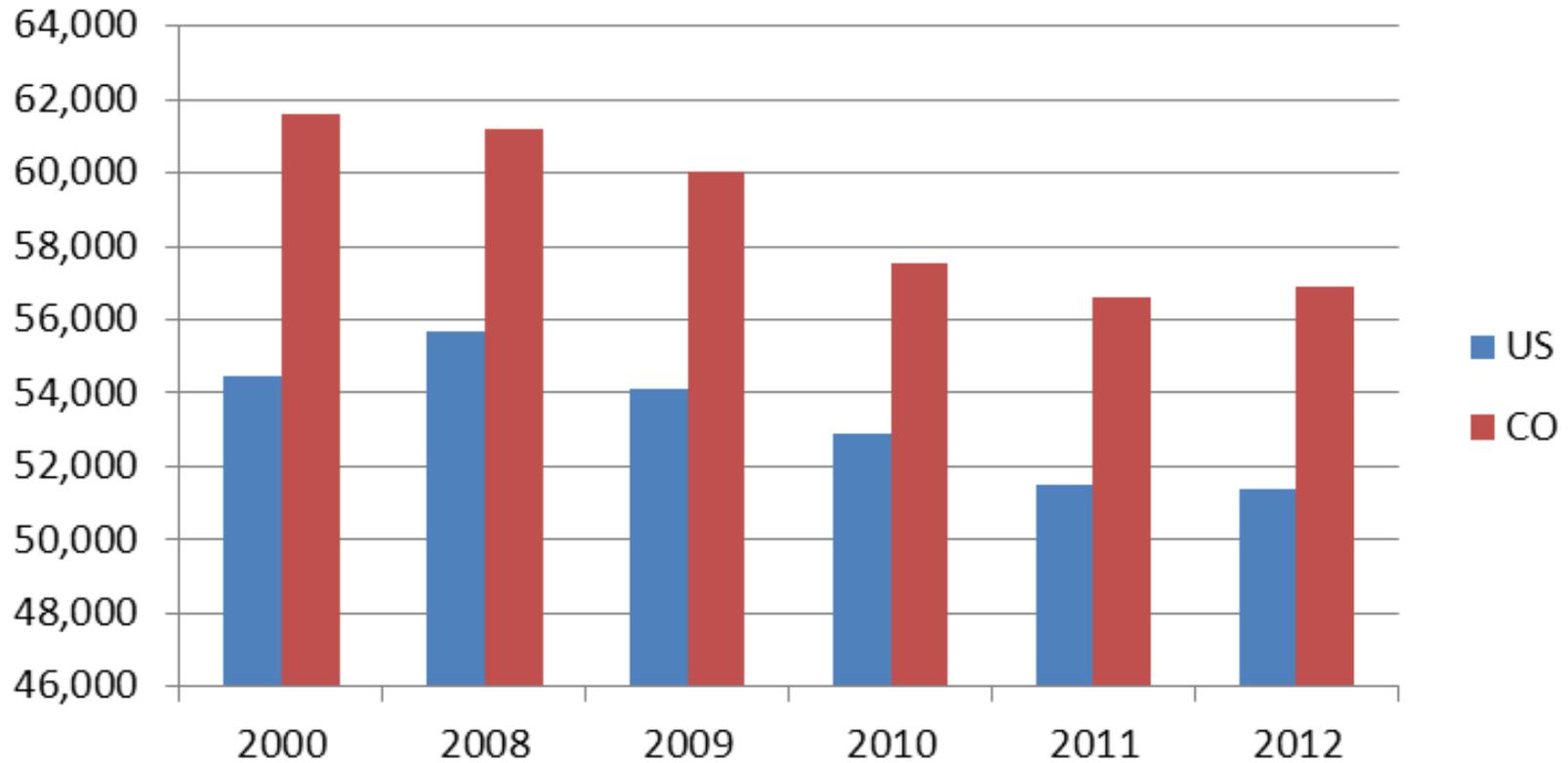


# Colorado vs US Individual Poverty Rate 1995 - 2012



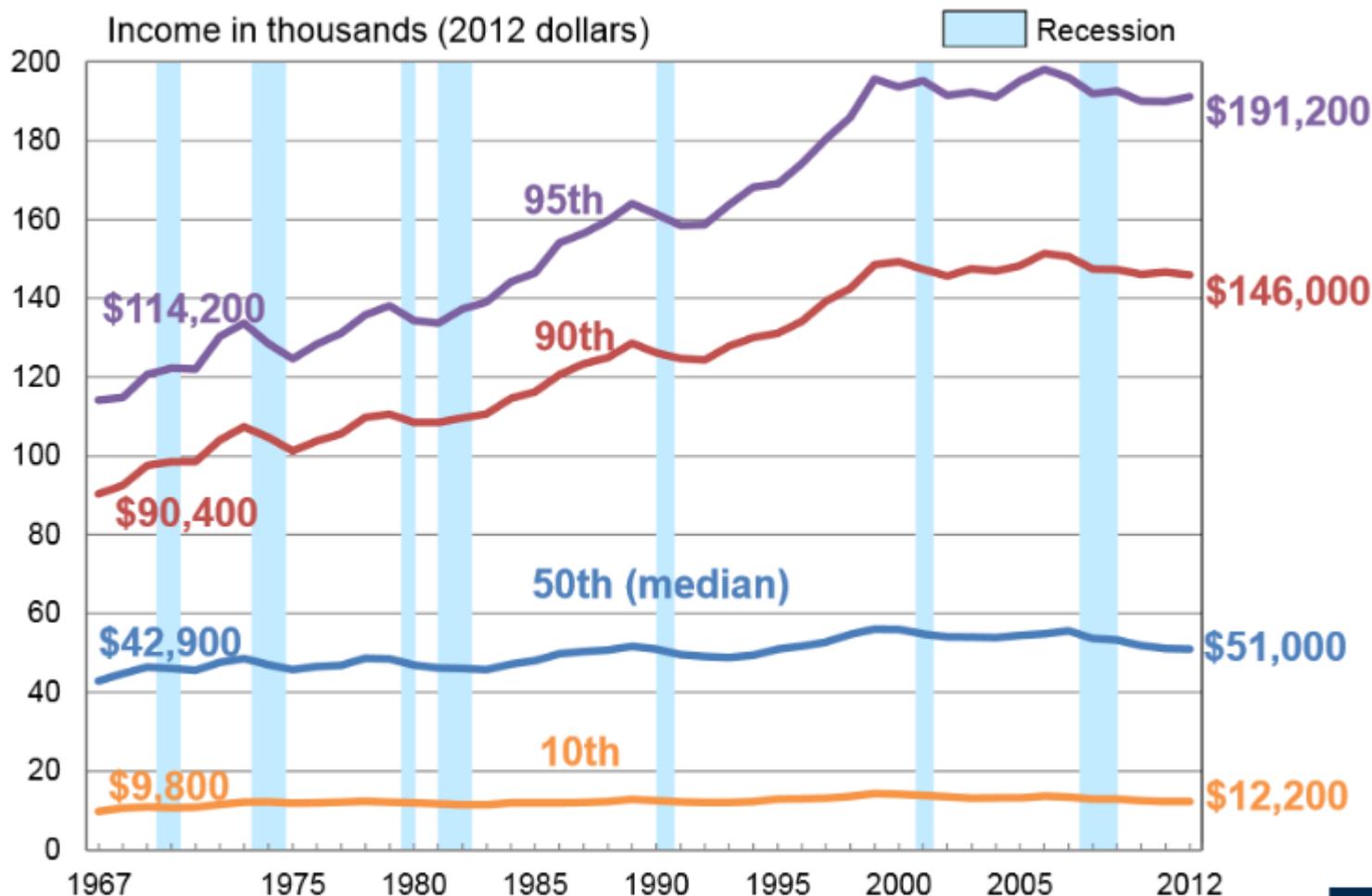
Source: Census, SAIFE

# Real Median Household Income

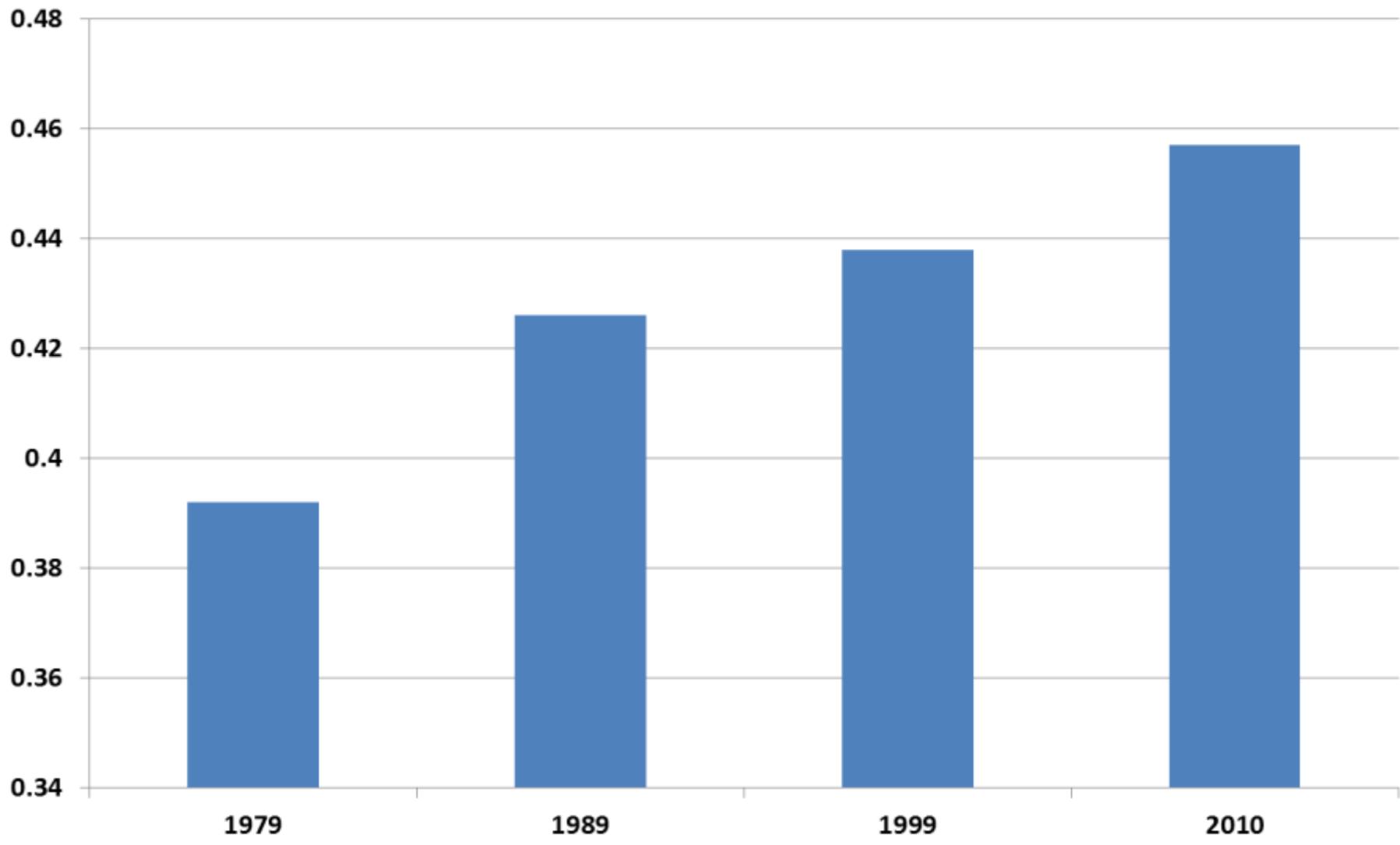


- Real Median Household Income has fallen 2000-12
  - Colorado – 7.6%
  - US - 5.6%

# Real Household Income at Selected Percentiles: 1967 to 2012



**Colorado Income Inequality Measured by Gini Index**  
**0 - 1 Perfect Equality - Inequality**  
**Census Bureau**

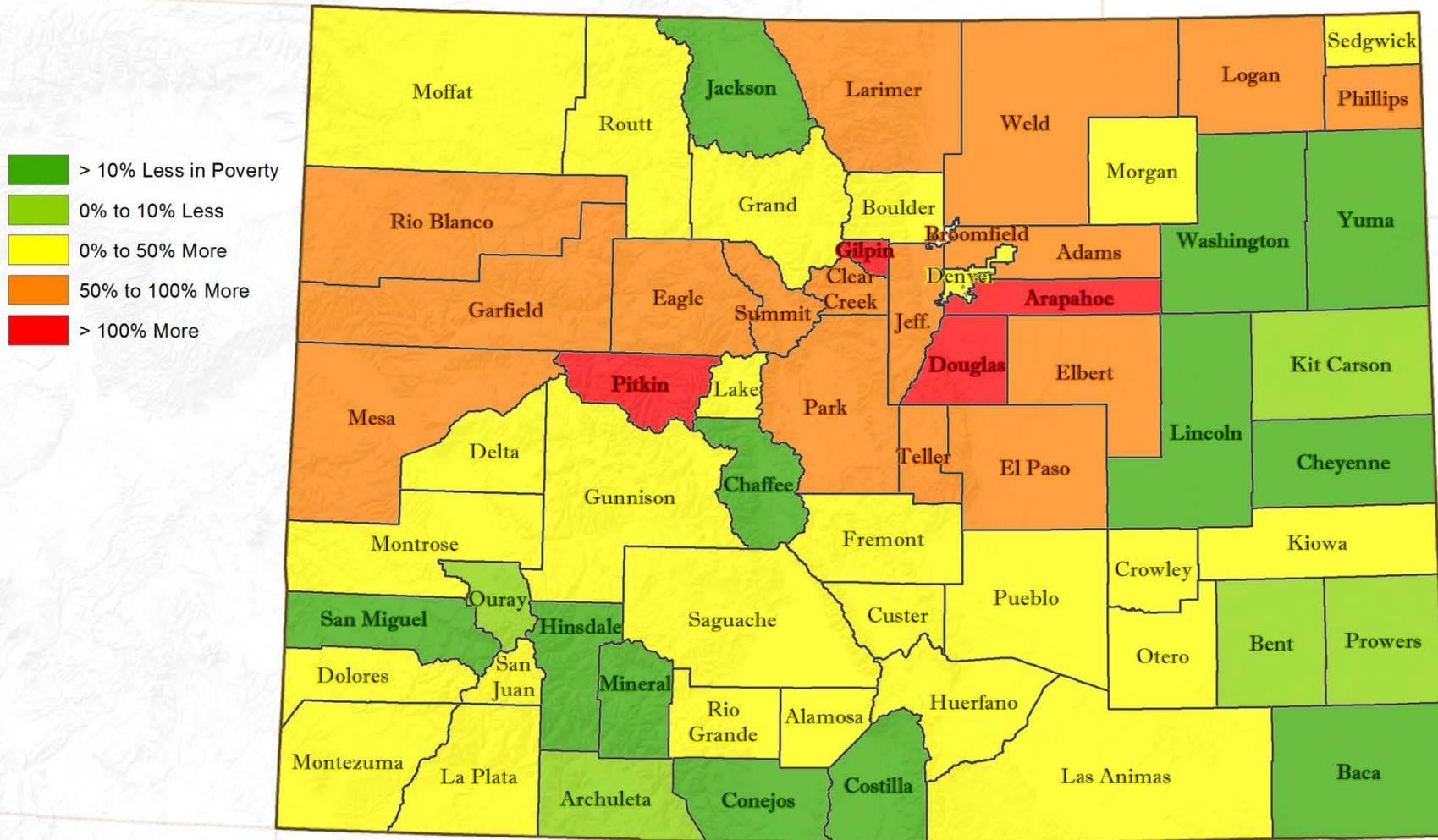






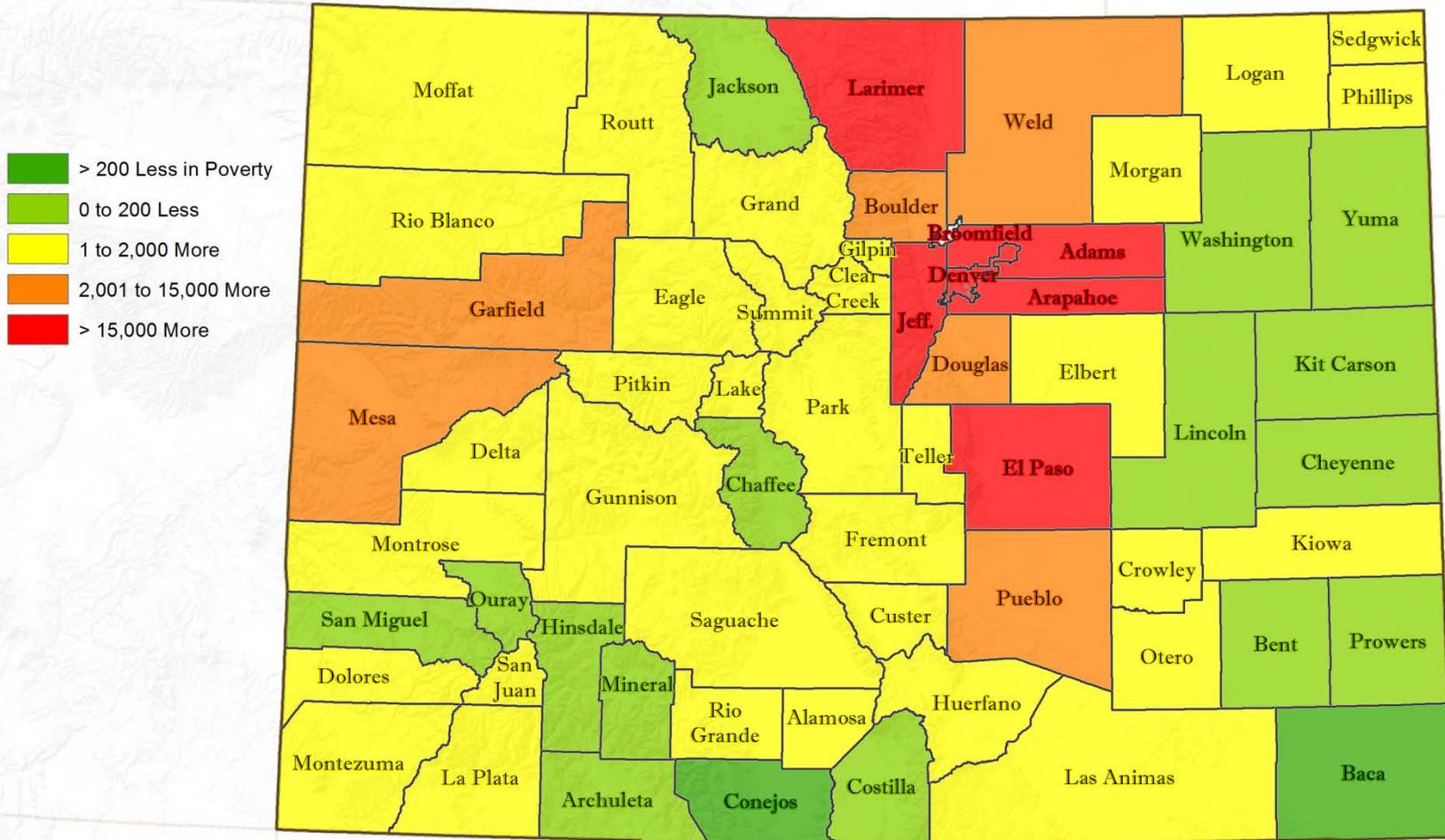
# Pct Change, Total Number in Poverty

Census 2000 vs ACS 2008-2012 5 YR

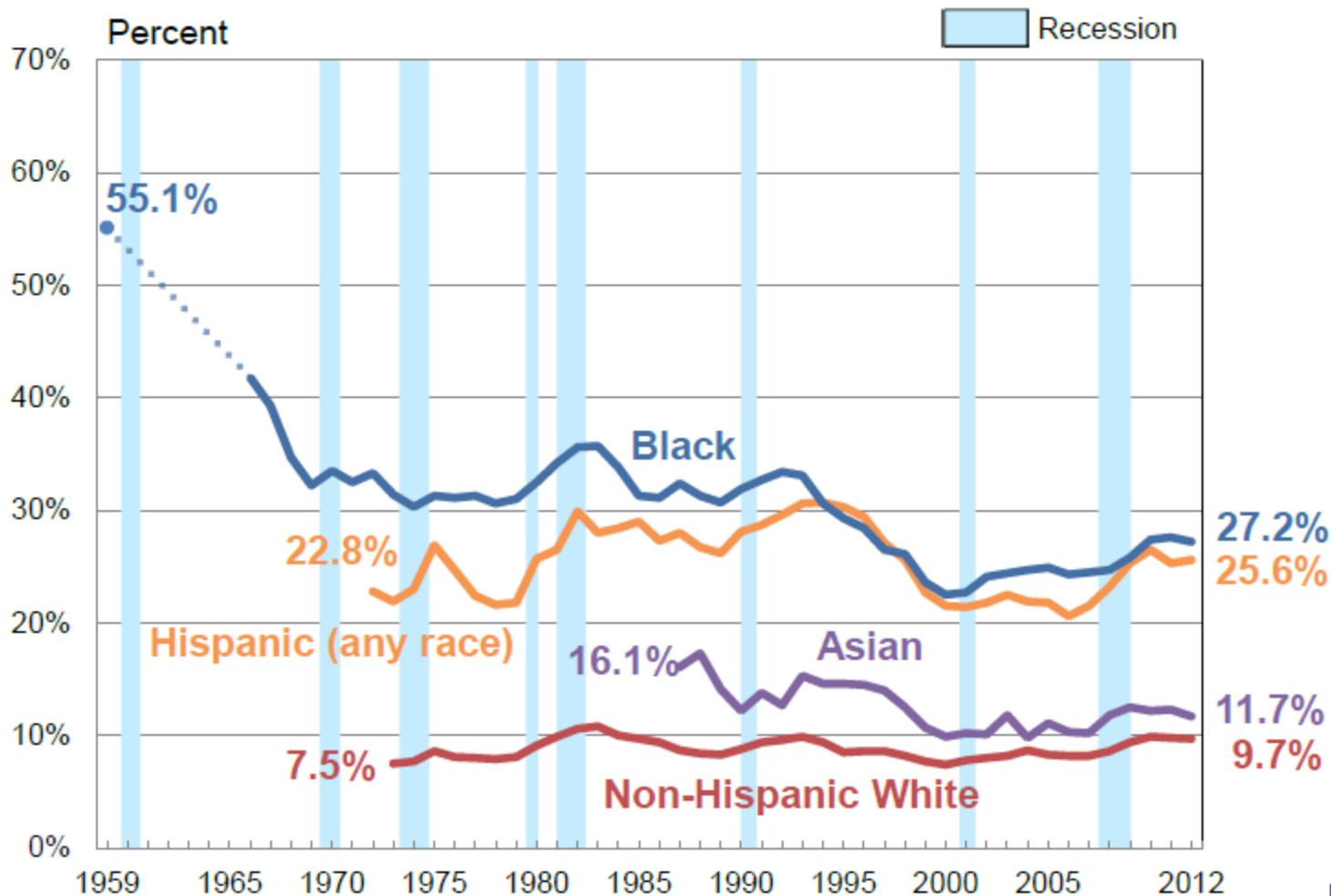


# Change: Total Number in Poverty

Census 2000 vs ACS 2008-2012 5 YR



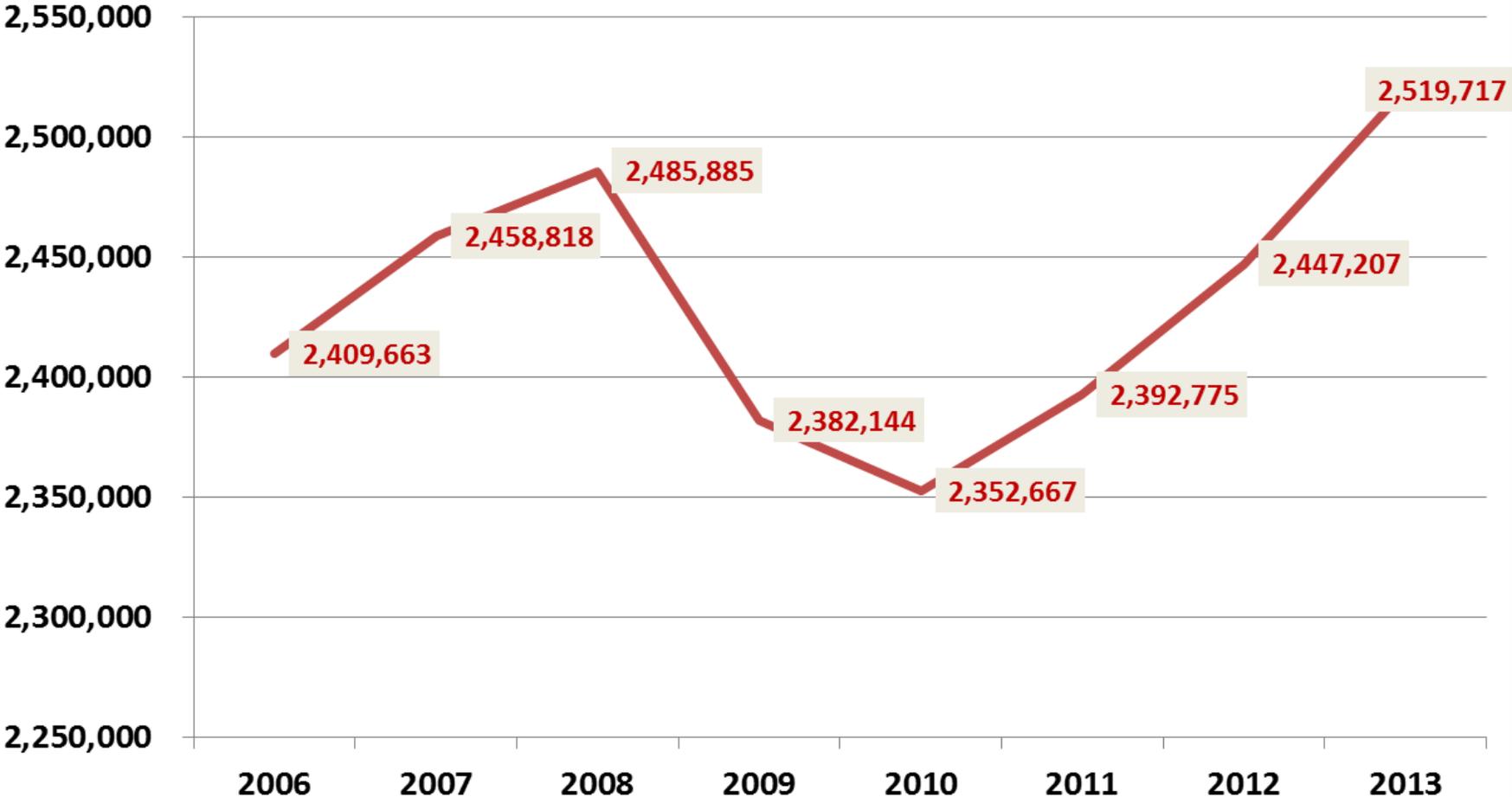
# Poverty Rates by Race and Hispanic Origin: 1959 to 2012



# What Could Be Causing Growth In Poverty

- Job Loss – income loss
  - Increase in unemployed
  - Increase in part time or marginally attached.
  - Wages –
  - Age – what age groups performed well – or not
  - Education – what educational groups performed well – or not
- Drop out of the labor force
  - Age out
  - Opt out – something better to do.
    - Education
    - Caregiver
- Household Composition
  - Number of earners
  - Marital Status
  - Number of kids

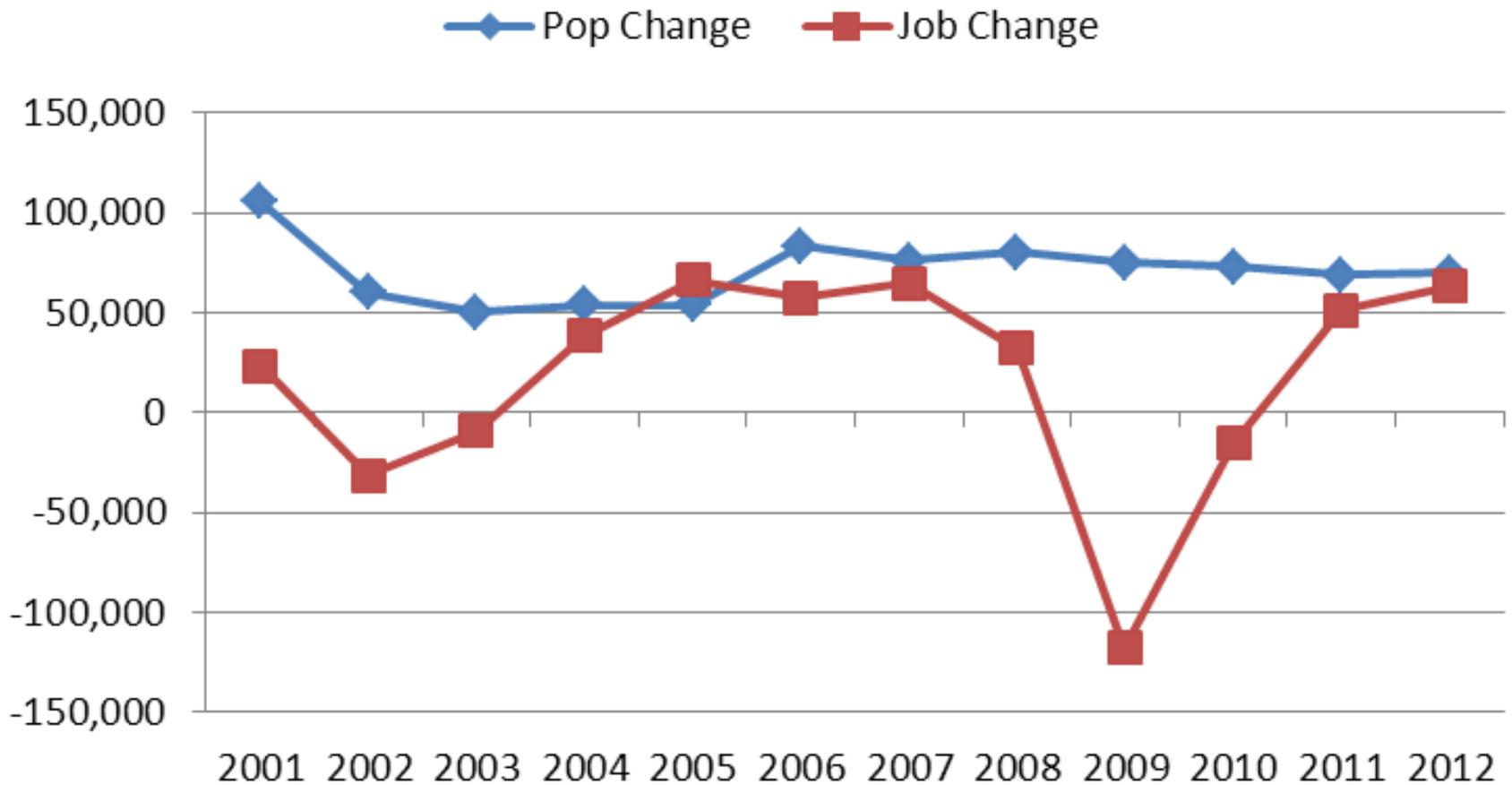
# Colorado Wage & Salary Jobs 2006 - 2013



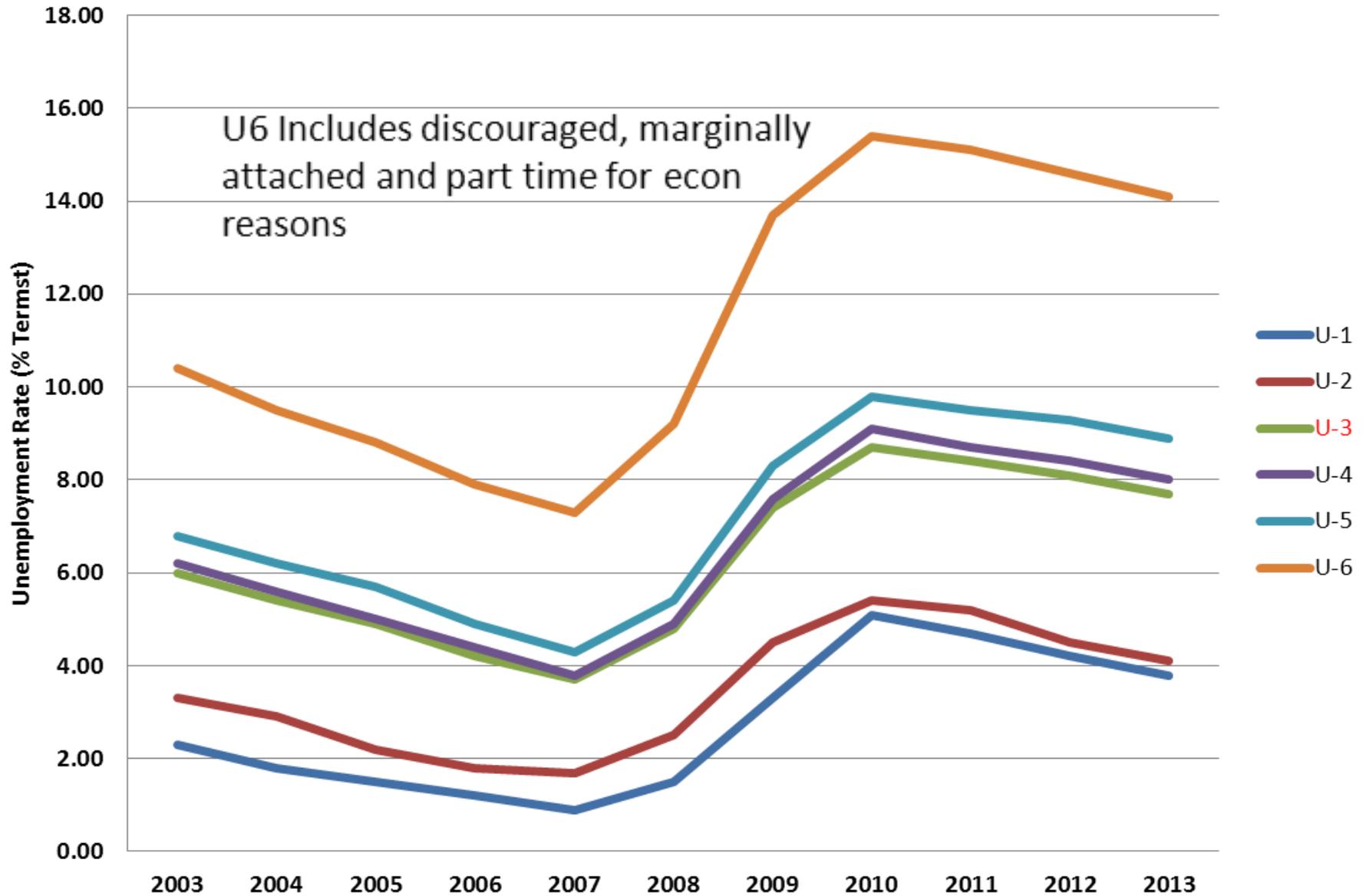
# Employment by Industry Changes 2007-2013

	Difference 2013 - Trough	2013 Jobs Relative to Pre Recession Peak
Agriculture	5,146	3,090
Oil & Gas / Mining	6,489	1,931
Utilities	-377	(574)
Construction	14,841	(45,573)
Manufacturing	8,015	(16,537)
Wholesale Trade	6,468	(3,781)
Retail Trade	14,440	(7,792)
Transport & Warehousing	6,579	(2,137)
Information	-1,121	(7,513)
Finance	6,705	(5,844)
Real Estate	3,583	(5,535)
Prof. Business Services	25,245	17,081
Mgmt of Companies	5,970	5,504
Administration	19,008	4,572
Education Services	6,936	5,014
Health Services	32,389	19,488
Arts	5,235	4,085
Accomodation & Food	24,187	13,723
Other Services	11,507	5,698
Government	28,817	11,577

# Population vs. Jobs 2000-12

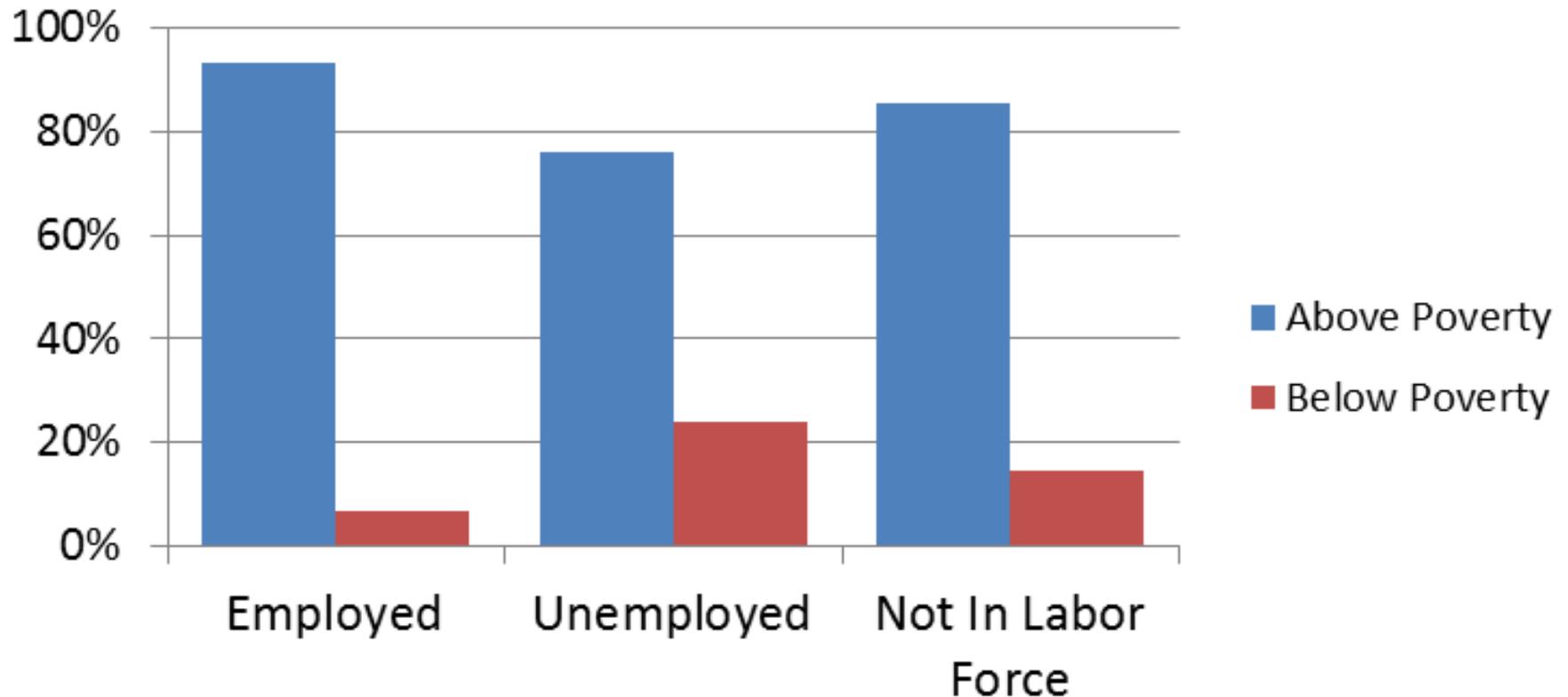


# Colorado Unemployment Rates by Six Measures



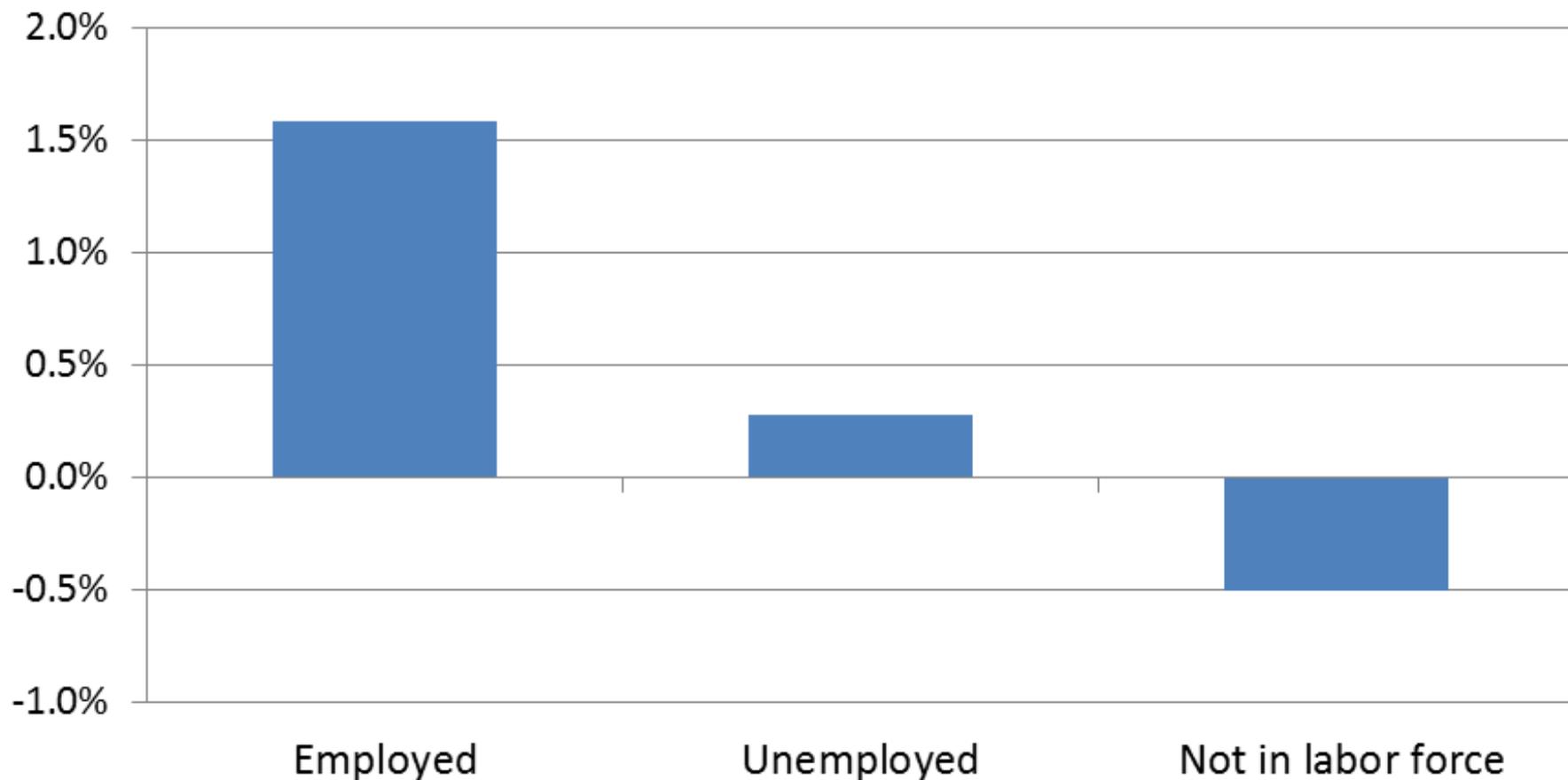
# Poverty By Employment Status

2010 ACS

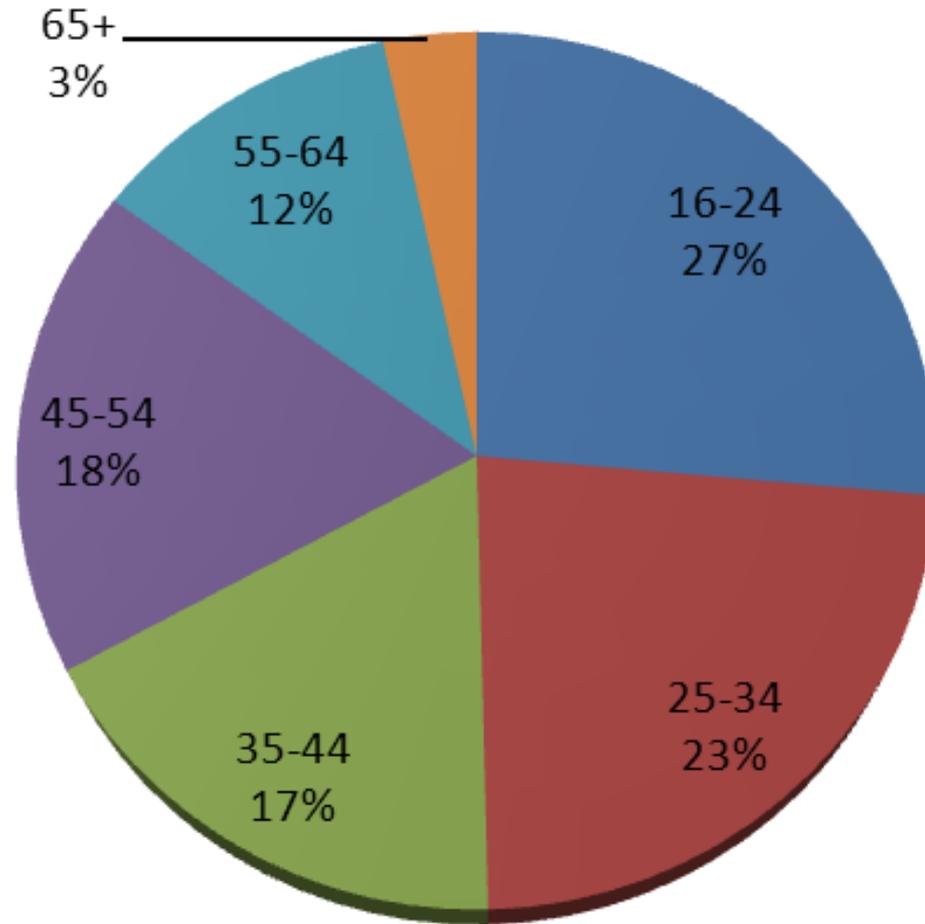


# Change in the Colorado Poverty Rate by Employment from 2000 to 2010

Census 2000 and ACS 2010

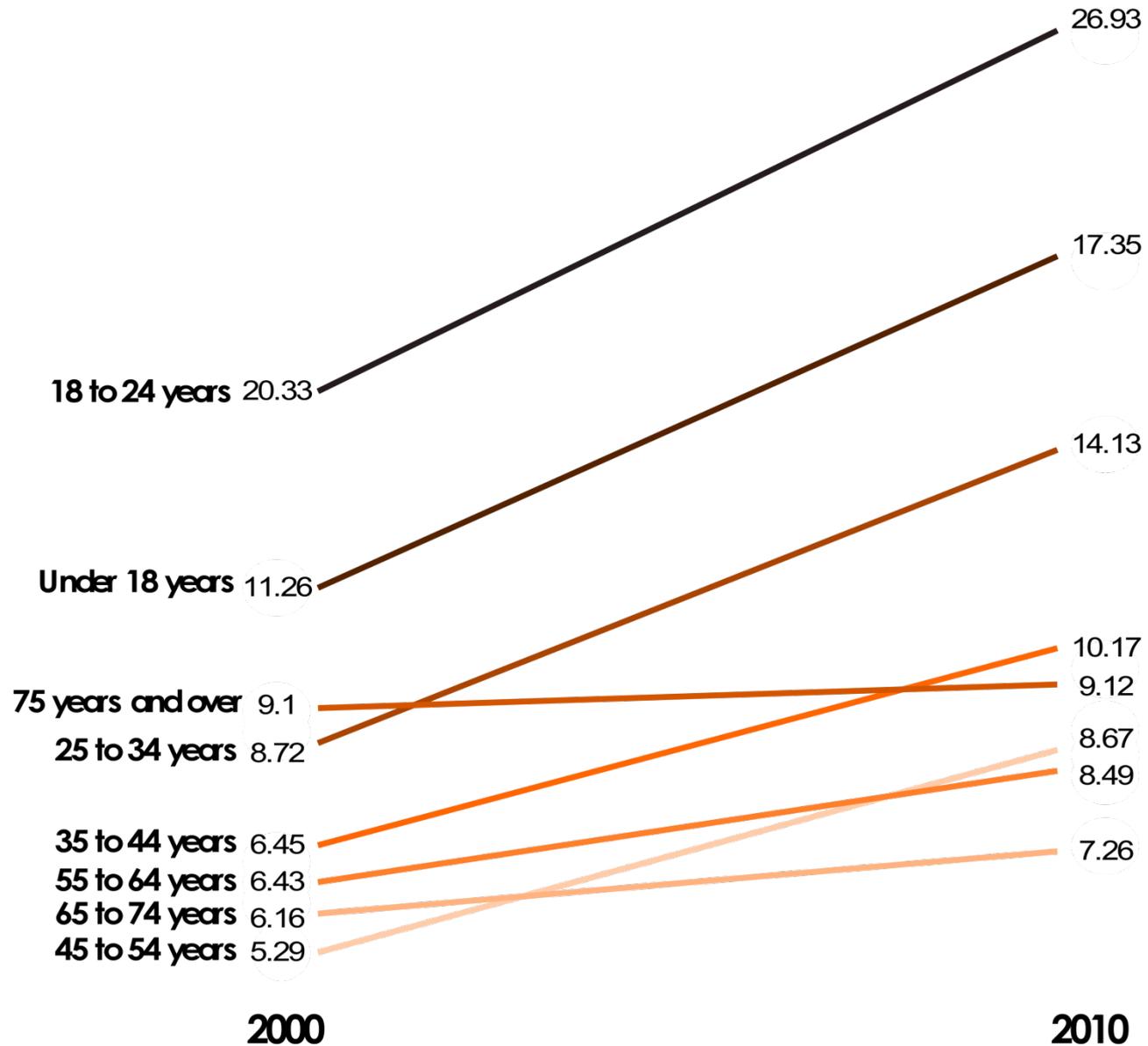


# Share of Unemployed by Age



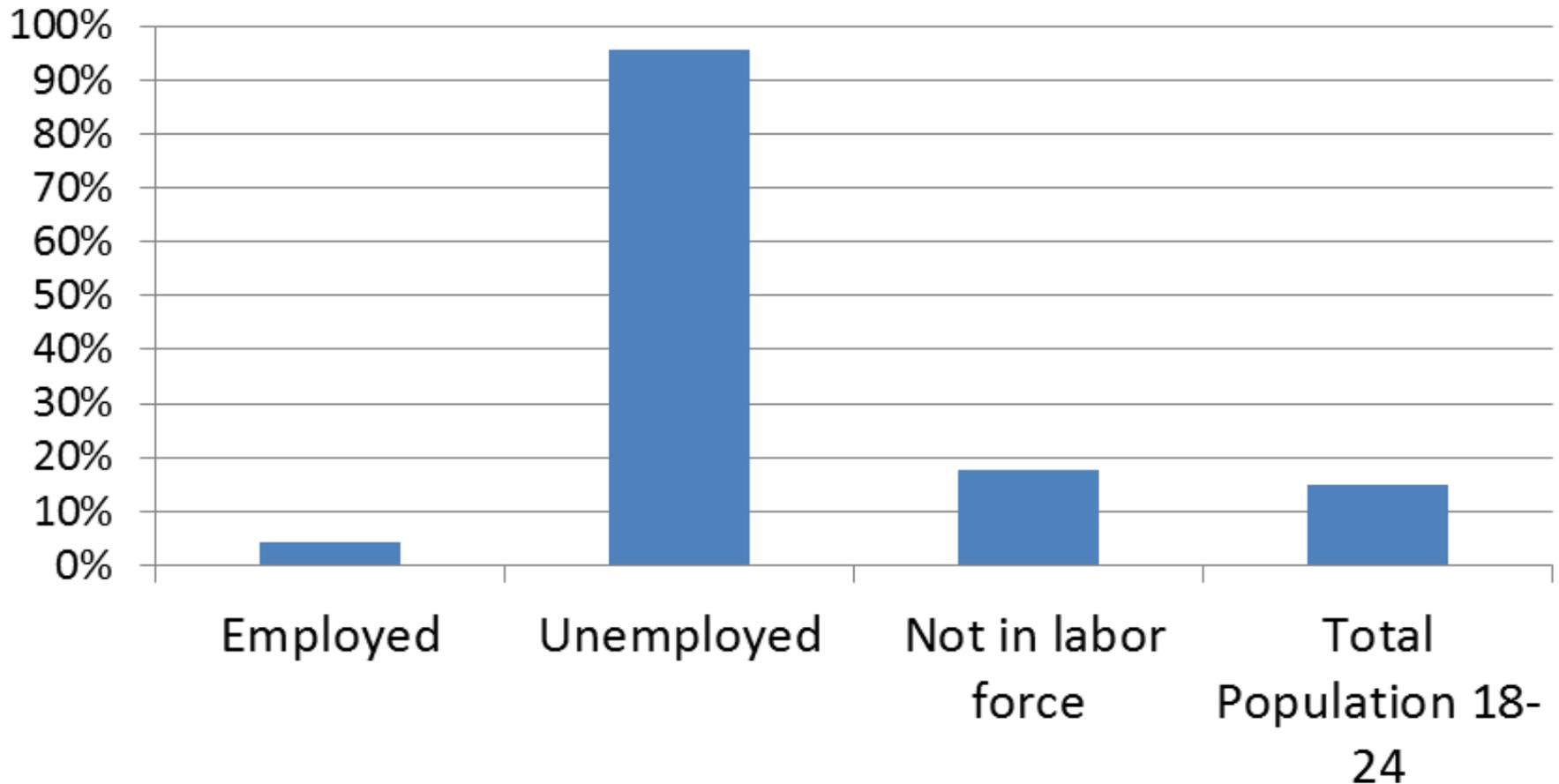
Labor Force  
16-34 is 35%  
of the labor  
force yet 50%  
of the  
unemployed

# Change In Colorado Poverty by Age 2000 to 2010

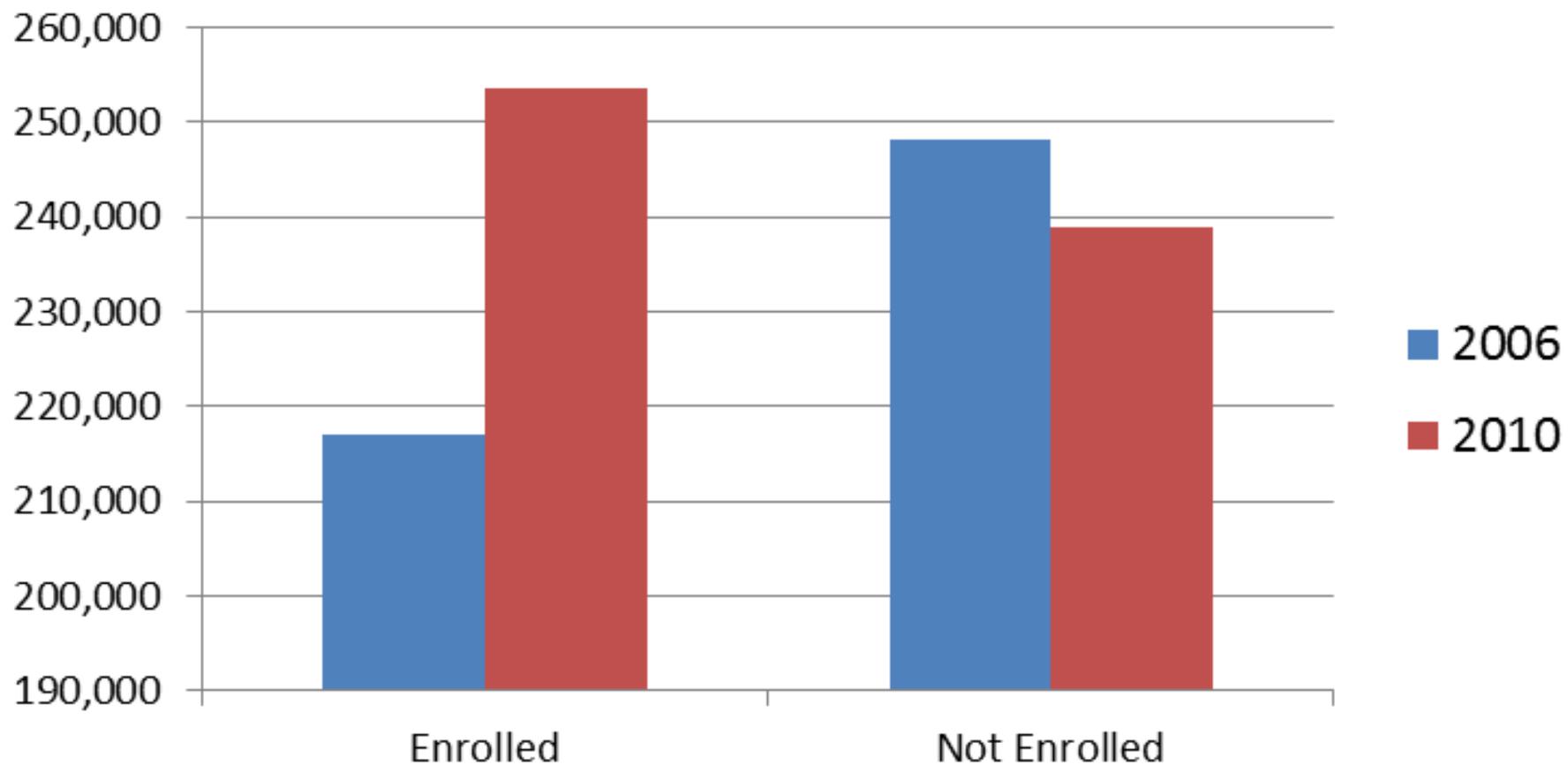


Source: 2000 Census and 2010 American Community Survey 1-year File, U.S. Census Bureau

## Change in the 18-24 year olds 2000-2010

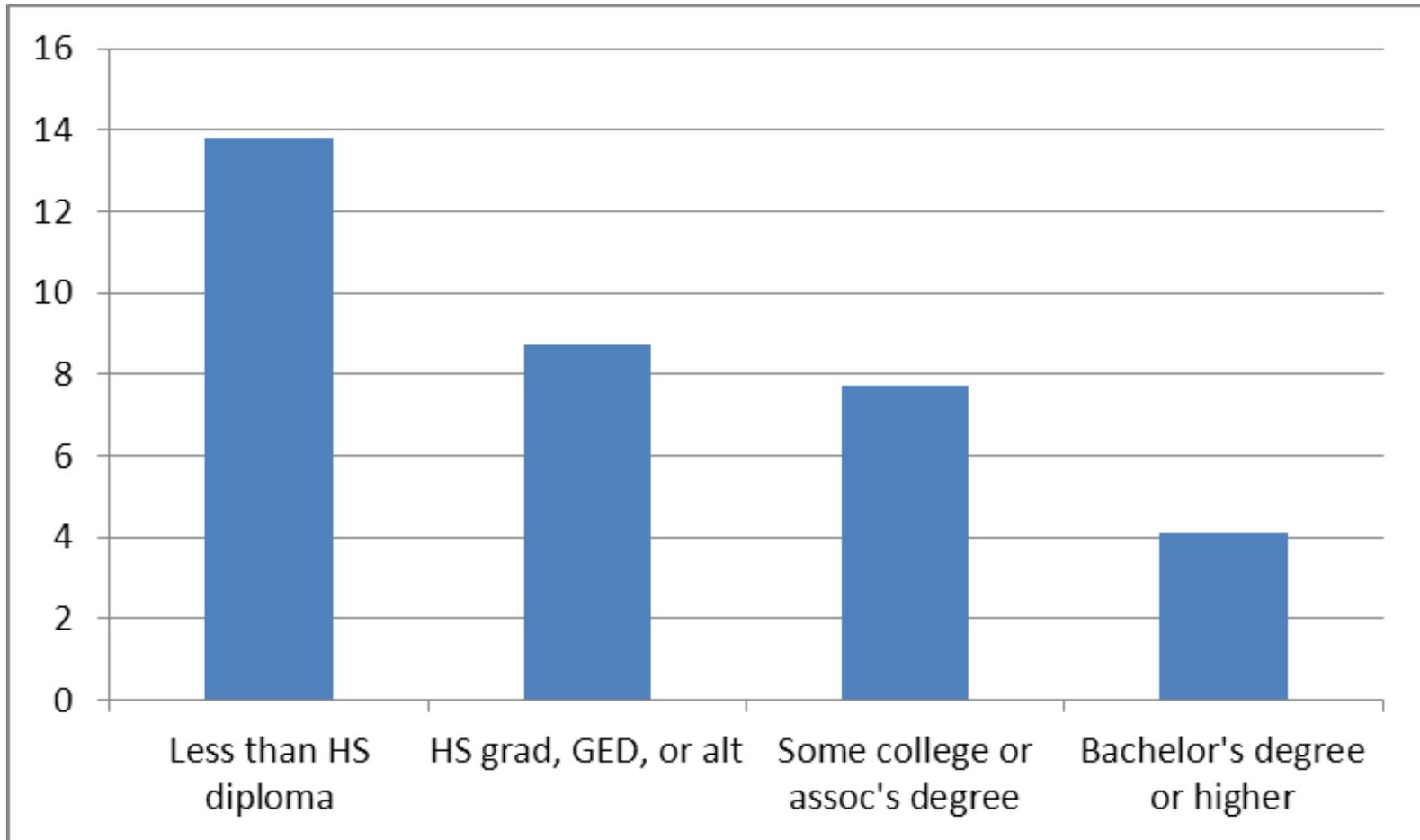


# 18-24 year olds Enrolled in School

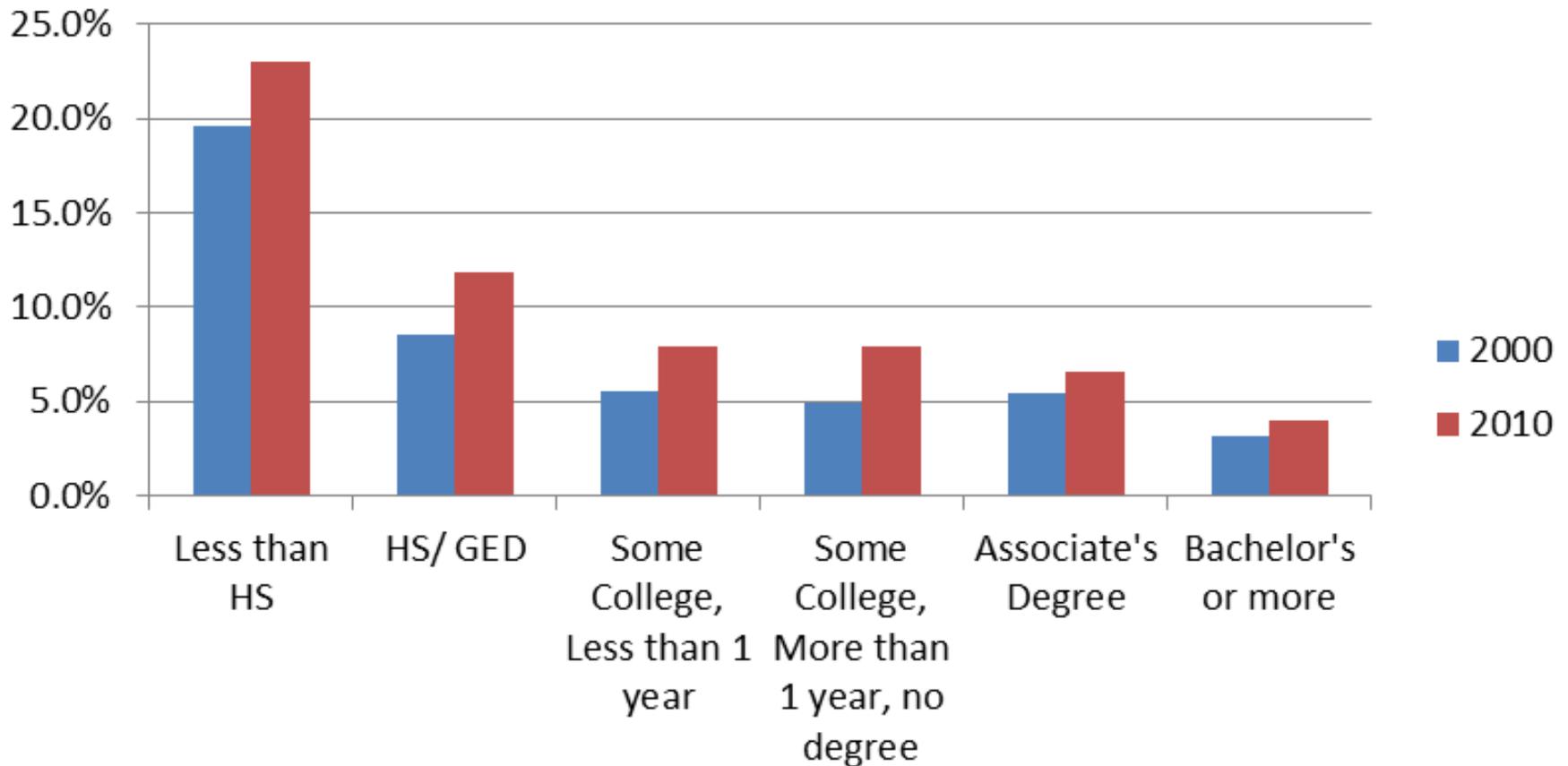


# Unemployment Rate by Education, 2011

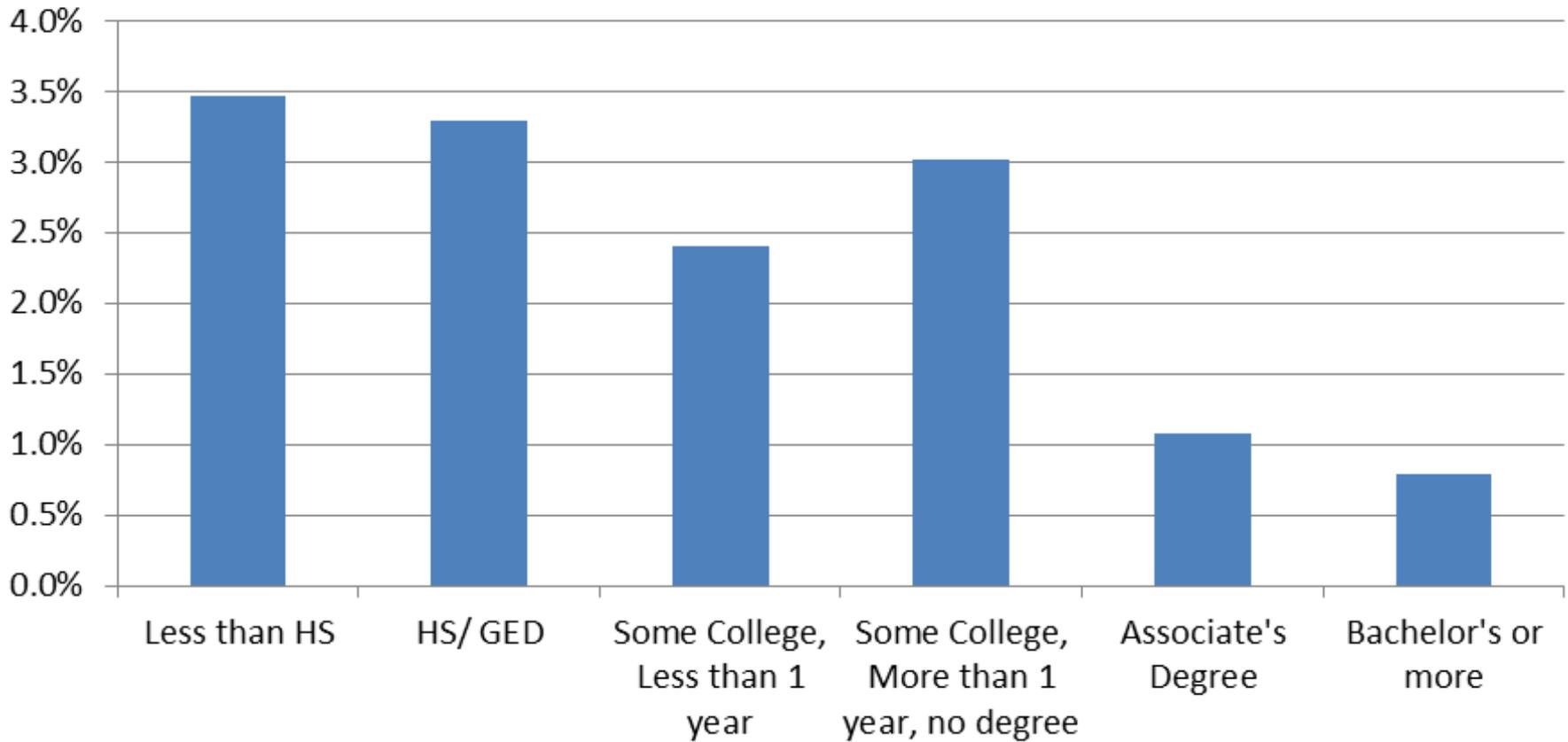
Bureau of Labor Statistics



## Colorado Poverty Rate by Educational Attainment, 2000 to 2010



**Change in Colorado Poverty Rate by Educational Attainment, 2000 to 2010**



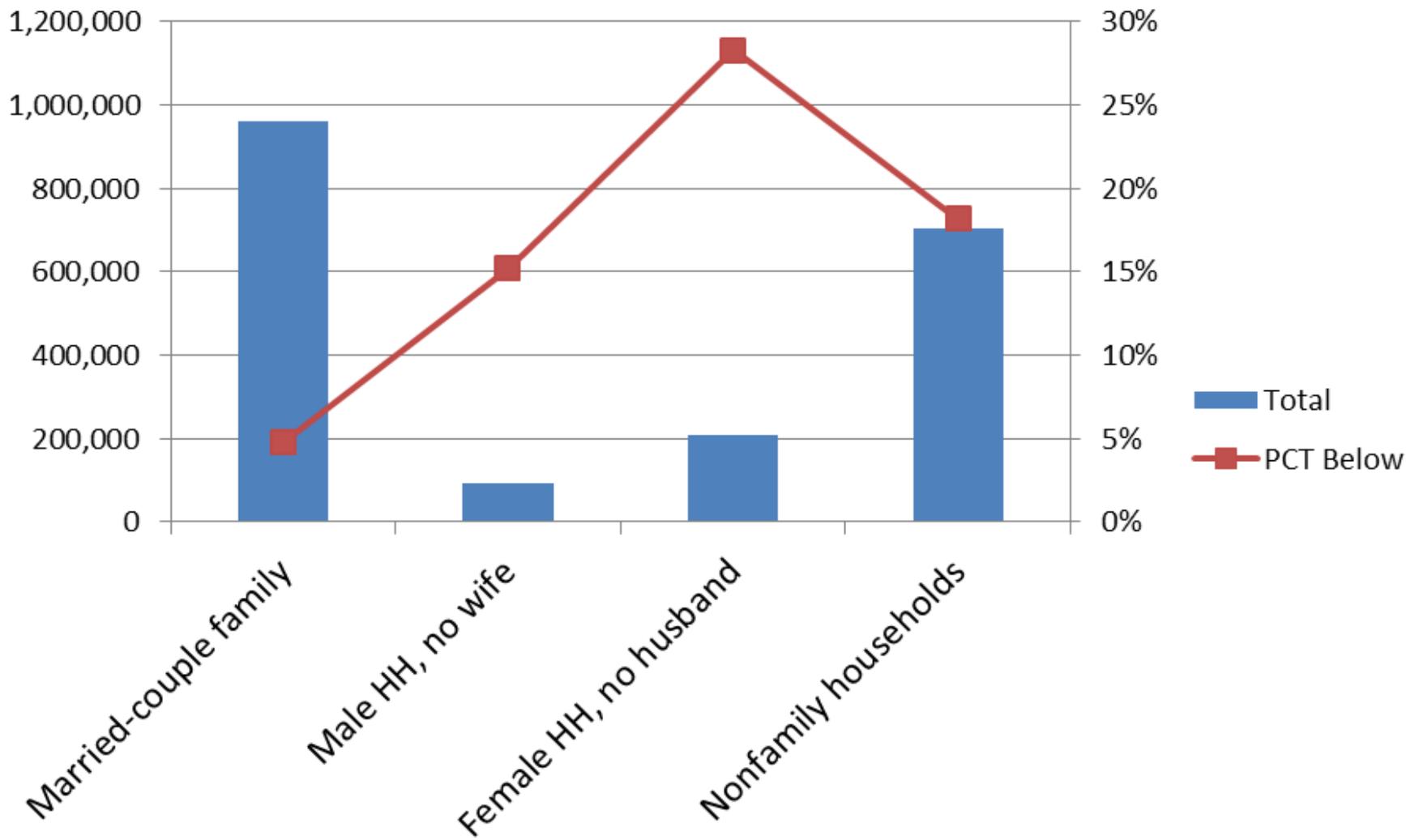
# Household Change And Poverty

- Household size is declining.
- Number of earners per household declined from 2008-2012
  - Especially for the under 25 year old household.
- Between 2005 and 2011 - The number of households with children under 18 who had at least one unemployed parent rose by 33 percent for US. Colorado Increase was 56% - 6<sup>th</sup> highest in US.

Between 2000-2010

- Both parents living together fell from 75% to 72%
- Female headed grew by 25%
- All households grew by 16%

# Poverty by Household Type

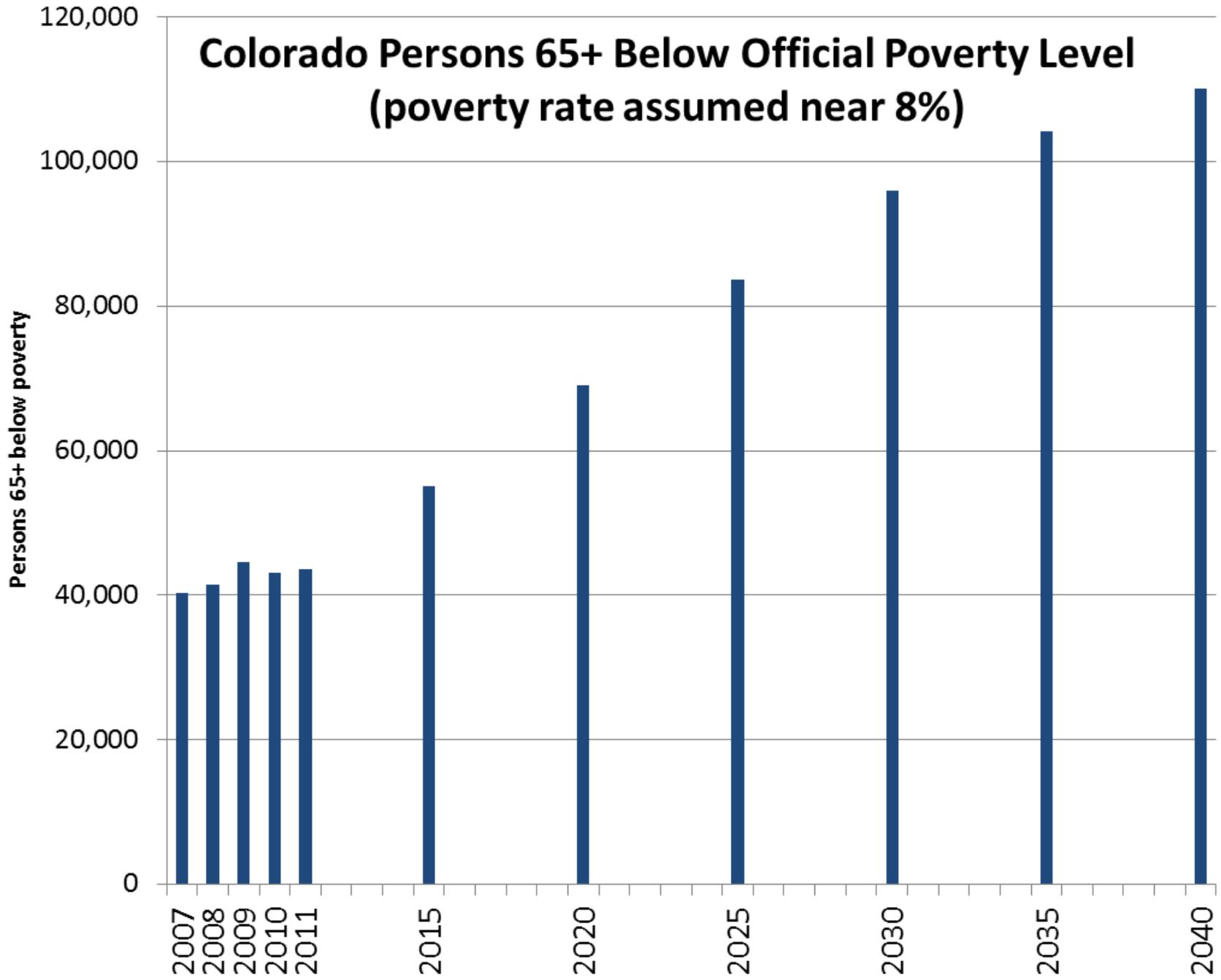


# Future

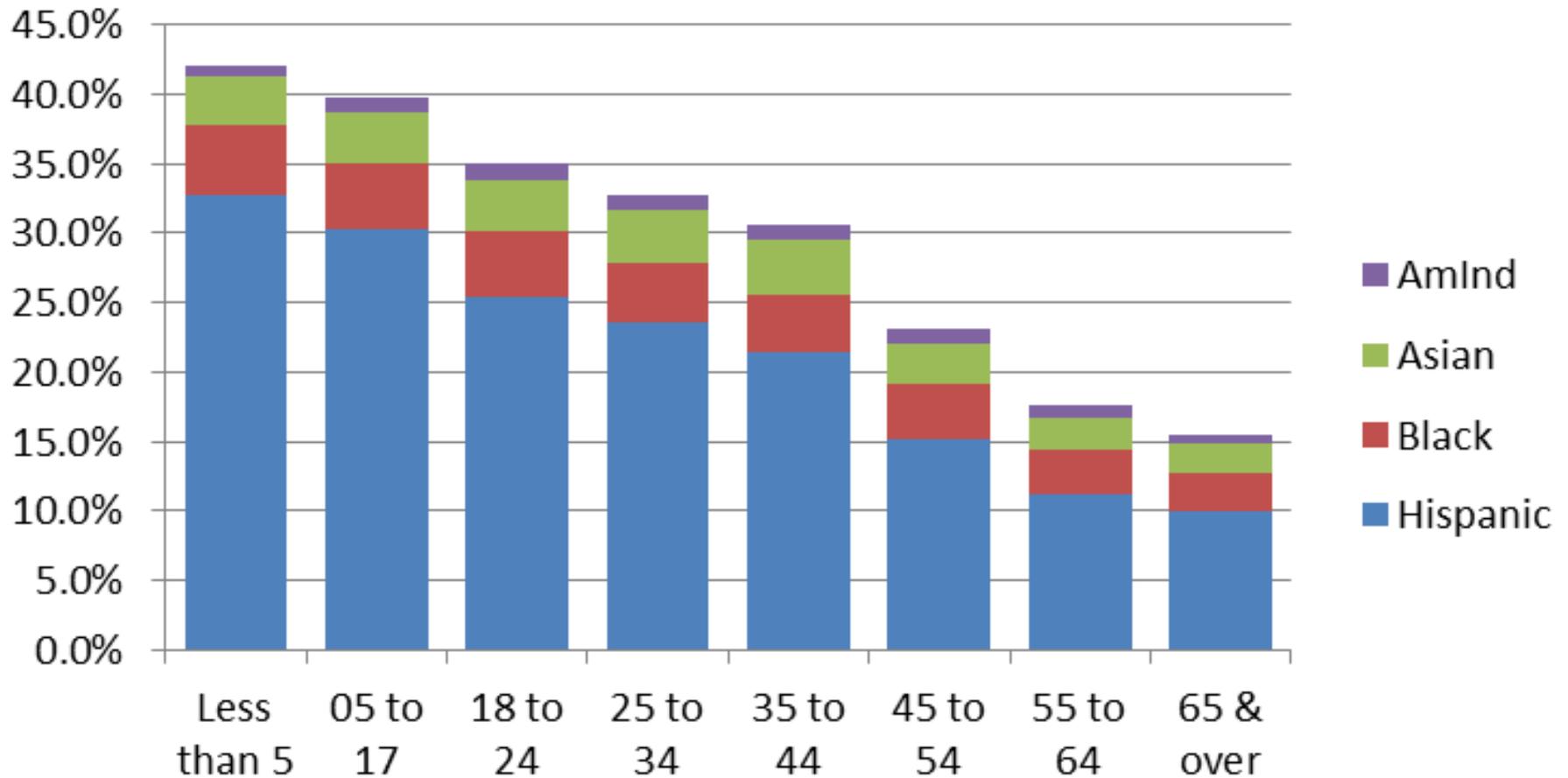
## Household Income is Demographically Challenged

- Demographic
  - Household type and size
  - Age
  - Race/ethnicity
    - Educational attainment
    - Household Income
- Youth Un and Under Employment

# Colorado Persons 65+ Below Official Poverty Level (poverty rate assumed near 8%)



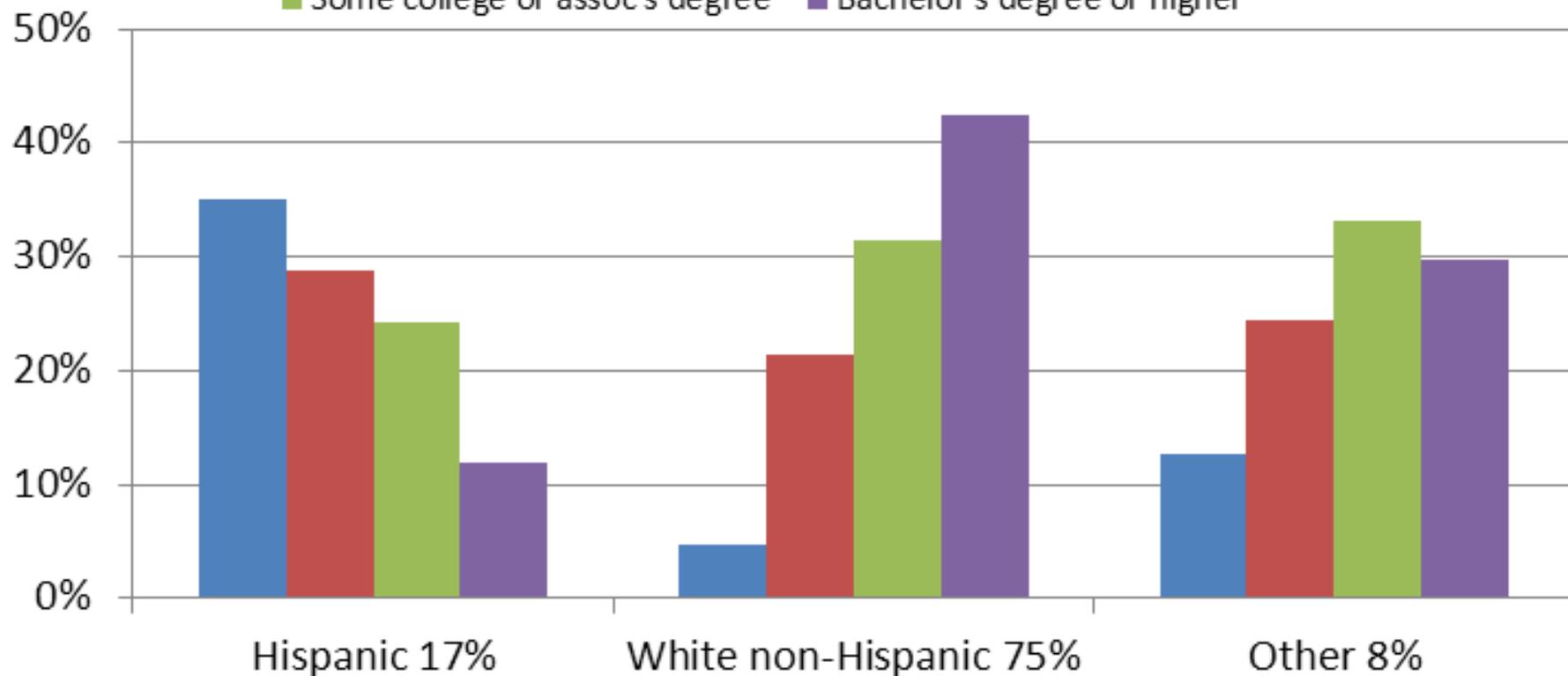
## 2010 Population Share by Race/Ethnicity by Age



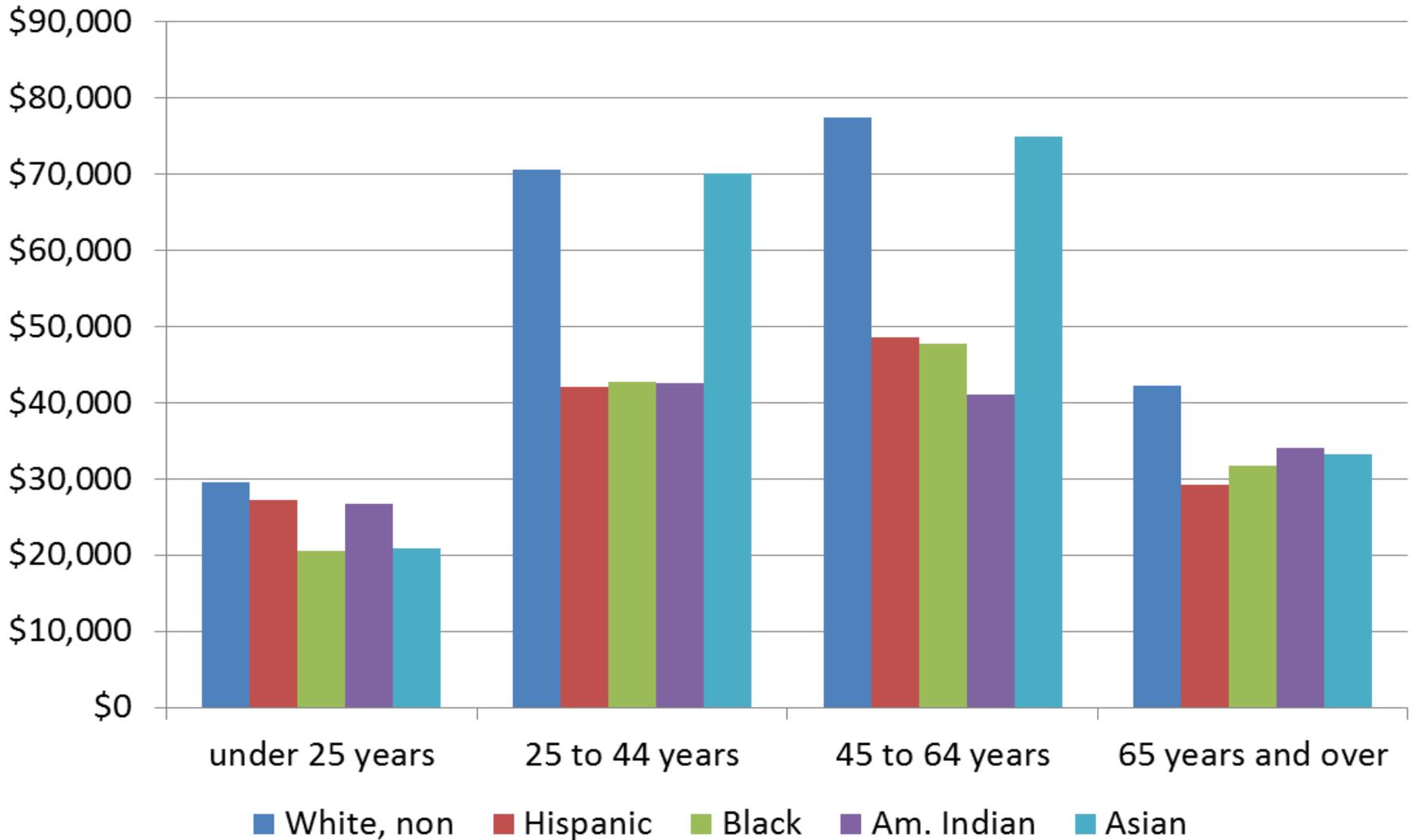
White Non Hispanic is the difference between the share shown and 100%. For example White Non-Hispanic is 58% of the Less than 5 Age Group.

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

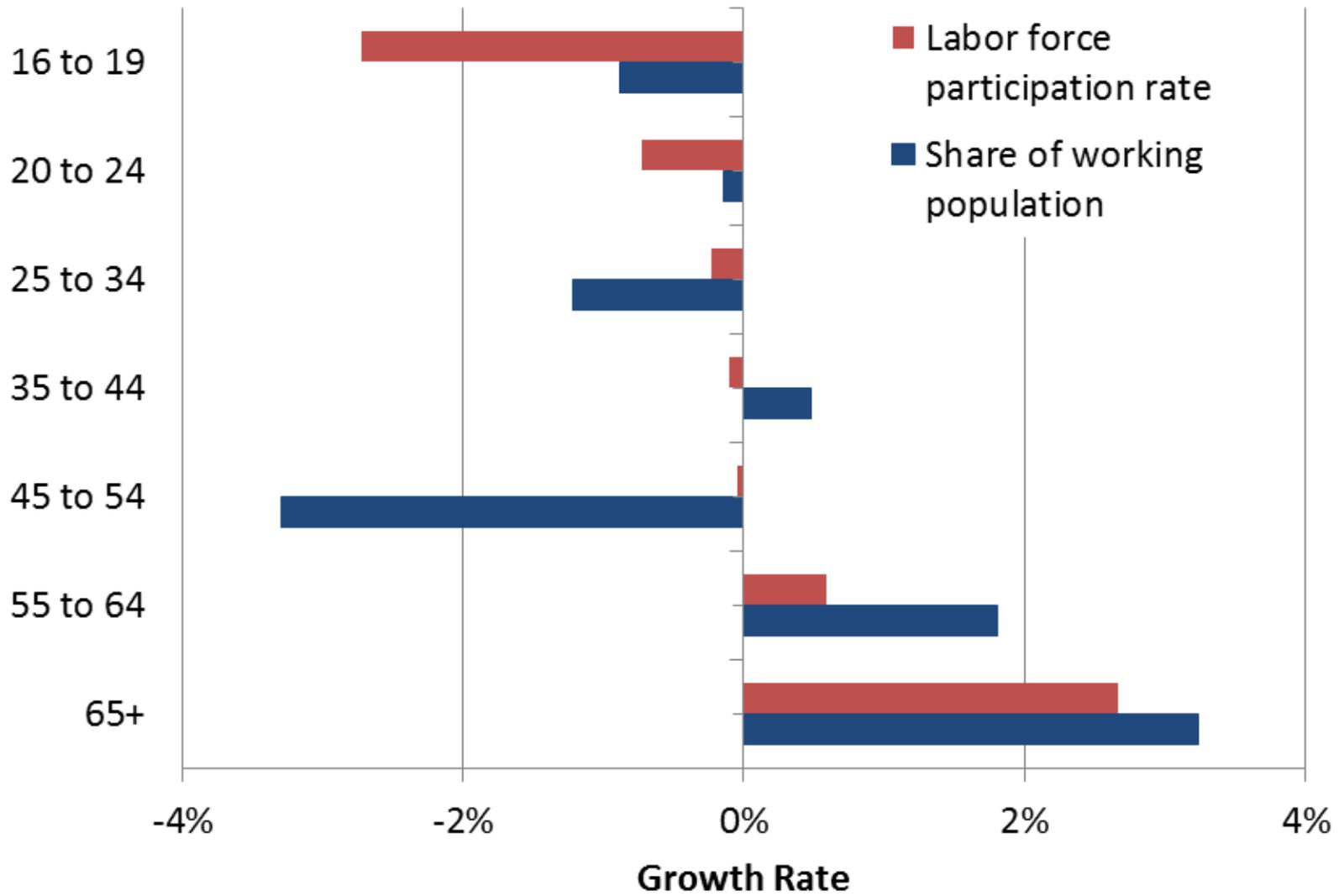
■ Less than HS diploma      ■ HS grad, GED, or alt  
■ Some college or assoc's degree      ■ Bachelor's degree or higher



## Colorado Median Household Income (\$2012) by Race/Ethnicity and Age



# Colorado, 2010-2020



# Where to Go From Here

## Poverty Can Be Complicated – Think in Terms of Income

- Poverty/Income is driven by many factors – for example
  - Full Time Work
    - Education Attainment (HS+)
    - Marital Status
    - Age and marital status of first child and number of children
- Full time employment is key factor to improve incomes
  - Age – 18 - 24 (many enrolled), 25 – 34 (bigger concern)
  - Educational attainment
    - Race/Ethnicity Differentials
  - Household Income
    - Low wage jobs – no wage growth at the lowest levels
    - Not all industries have recovered – construction, retail.
    - Paths to wage improvement

# Thank you

State Demography Office  
Department of Local Affairs

Elizabeth Garner

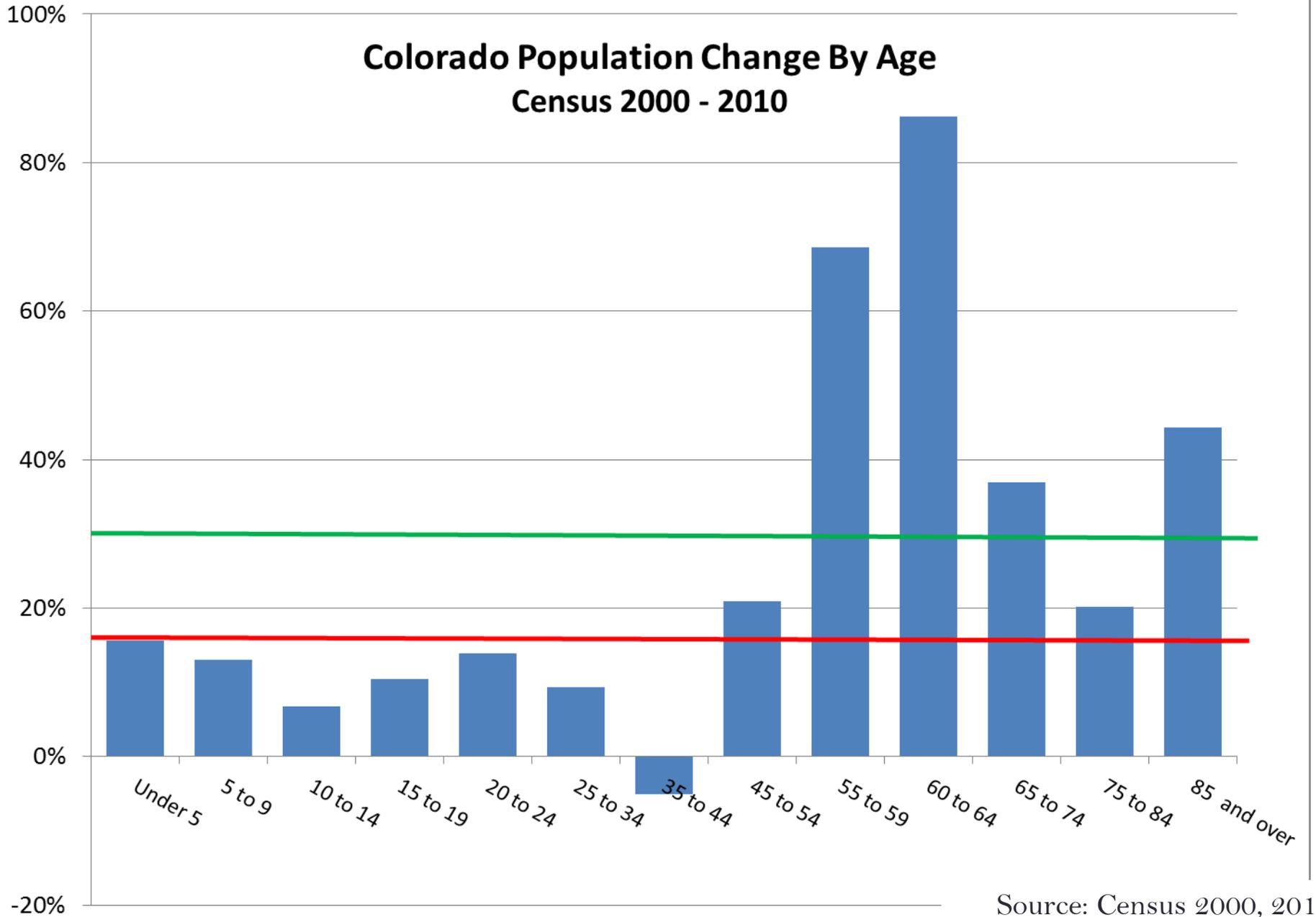
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[www.colorado.gov/demography](http://www.colorado.gov/demography)



## Colorado Population Change By Age Census 2000 - 2010



Source: Census 2000, 2010

# Labor Force

(civilian, non-institutional, 16+, actively working or looking for work)

## Cyclical

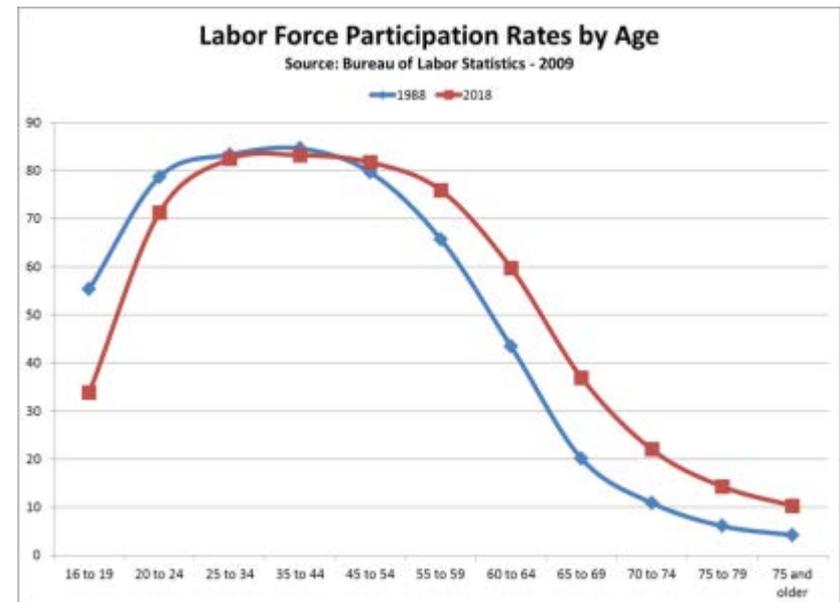
- Employed
- Unemployed

## Other Issues

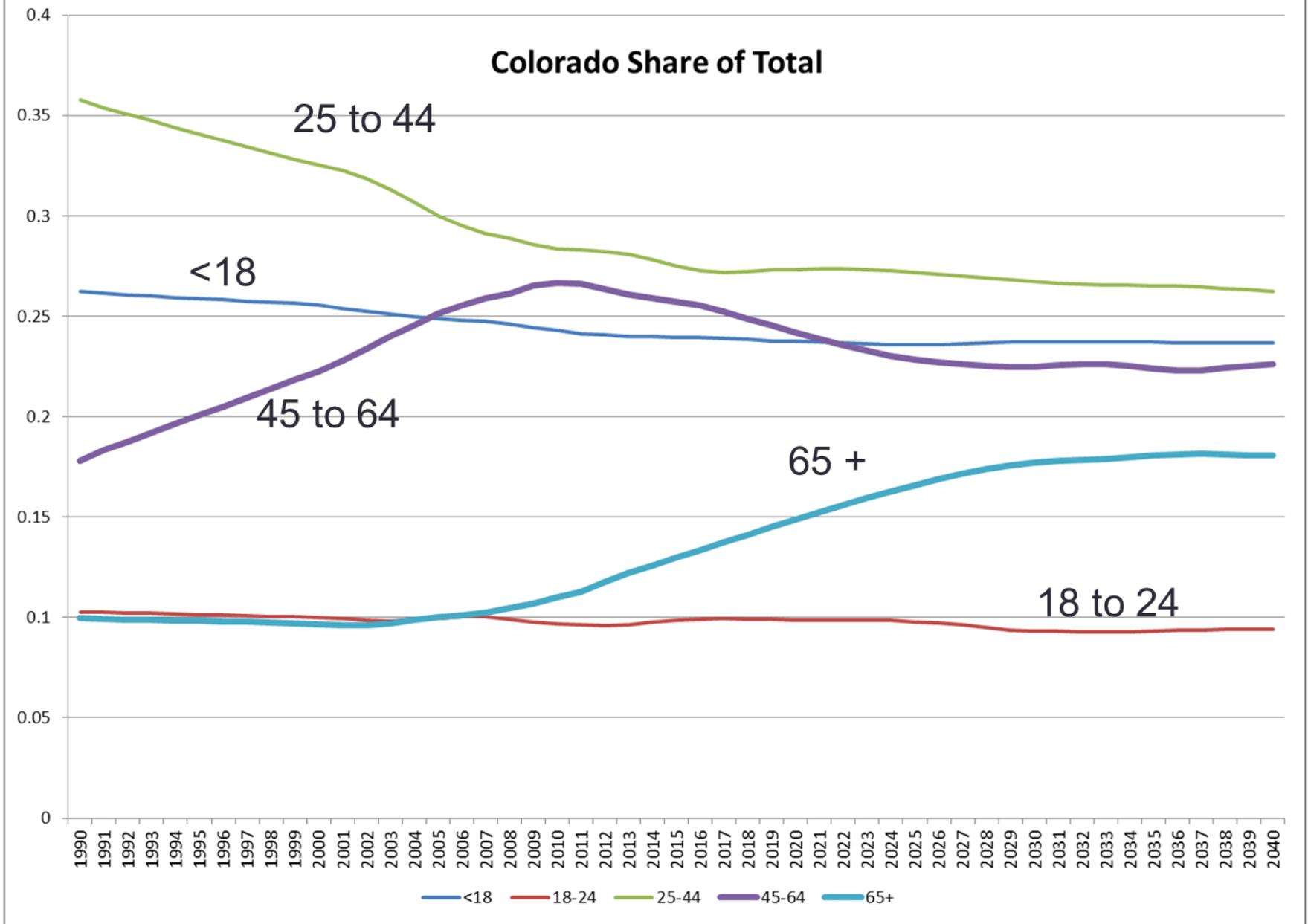
- Data reliability
- Small Sample Size
  - 855 Households
  - 6,800 Work sites

## Structural

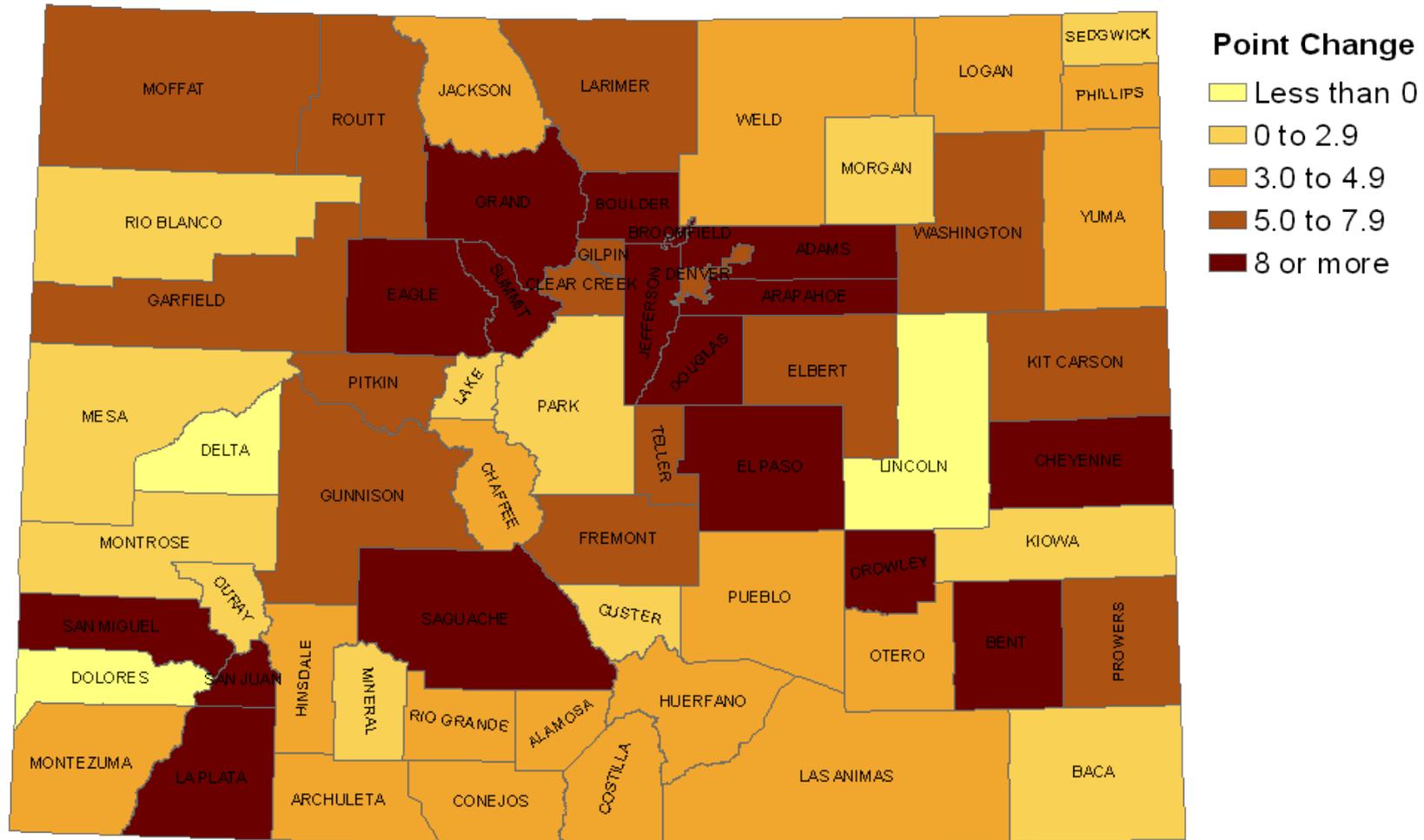
- Age
  - Labor force participation rates.



### Colorado Share of Total



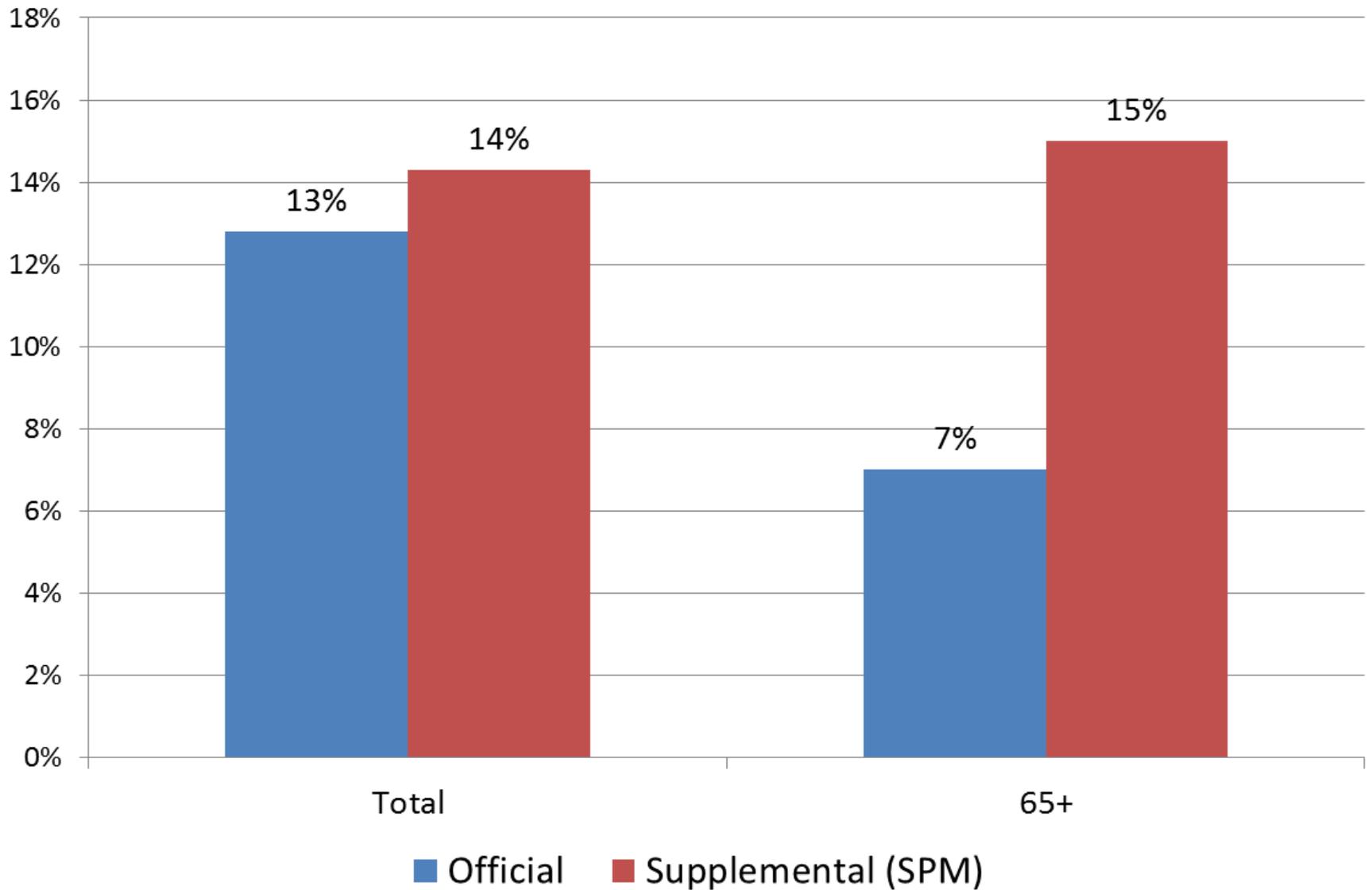
# Percentage point change of 65+ share of population, 2010 - 2030



Source: State Demography Office

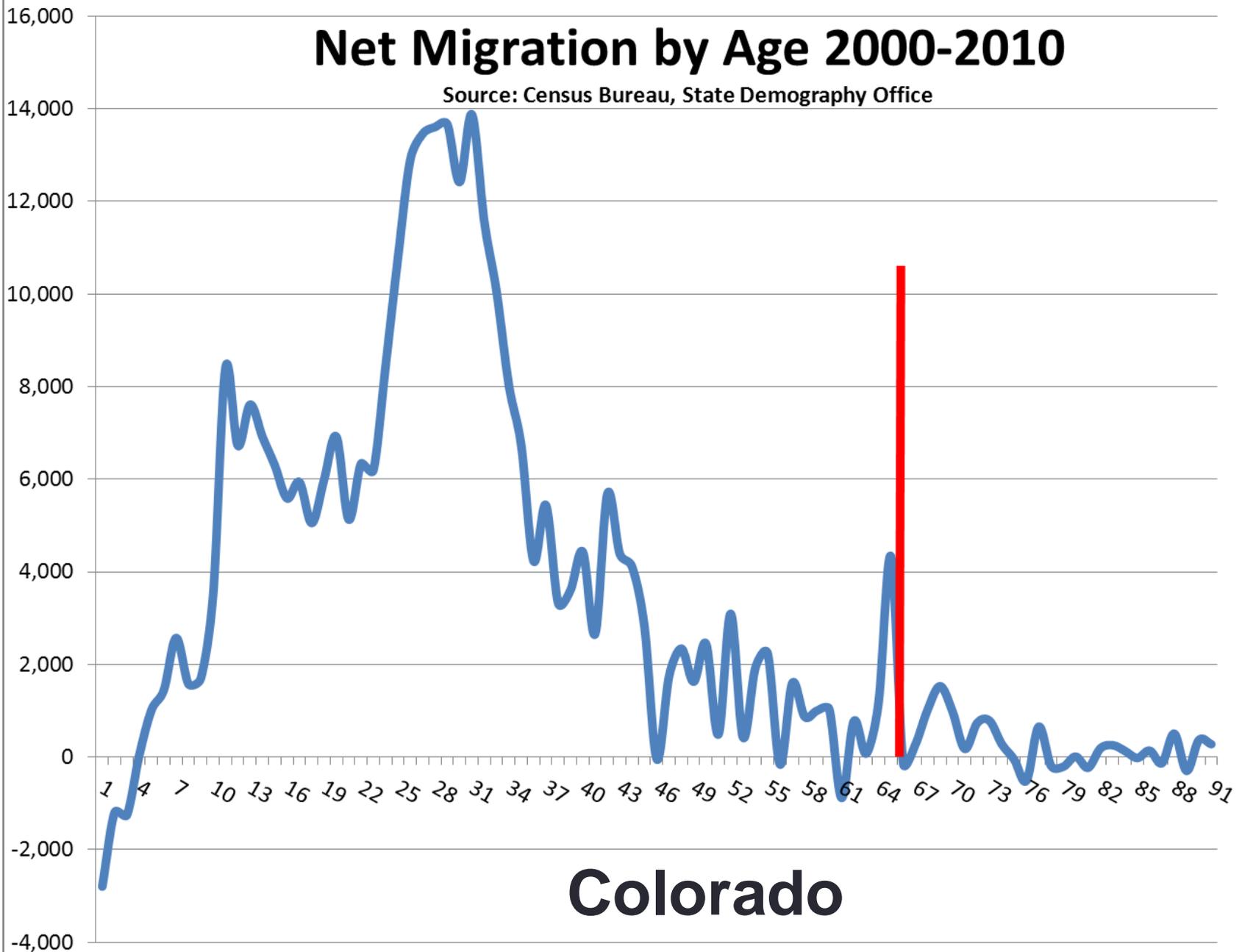


## Poverty Rate for Colorado, Total Population and Seniors: 2009-2011



# Net Migration by Age 2000-2010

Source: Census Bureau, State Demography Office



## Colorado

# Tackling Poverty Together

**Goal:** Develop two or three action items that the CWDC can achieve on this subject within the next 60 days. Action items should be specific, measureable and attainable.

More discussion is needed. For this reason, we ask that you break out into smaller groups of 8 - 10 and as a group, address the five following questions.



# Tackling Poverty Together

1. Is there a role for the CWDC to address the issue of poverty? Yes or No
2. If yes, how do you see the role of the CWDC in addressing this very broad and complex issue?
3. How do you see the CWDC integrating and addressing poverty into *existing* CWDC initiatives?
4. What overall goal and/or specific issues would you most like to see the CWDC address when it comes to poverty?
5. Please put together one or two specific action items that the local regions and state agencies could achieve within the next 60 days.

