

Growing Colorado

Population and Economic Transitions for Colorado

Archuleta

2018

Elizabeth Garner

State Demography Office

Colorado Department of Local Affairs

Demography.dola.colorado.gov



COLORADO
Department of Local Affairs

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



State Demography Office

demography.dola.colorado.gov

- Population
 - Estimates
 - Census Bureau Link
 - Projections - forecasts - county level
 - Characteristics - single year of age, race/ethnicity
 - Labor Force
- Economics
 - Estimates, forecasting
 - Bridging the economy and population
- GIS/Cartography
 - Special districts
 - Support to Census, municipalities, others for mapping
 - Data visualization
- Technical Assistance, training, outreach
 - State Data Center - Census Bureau
 - Other states have these same offices



Main Elements of a Region

Rest of World

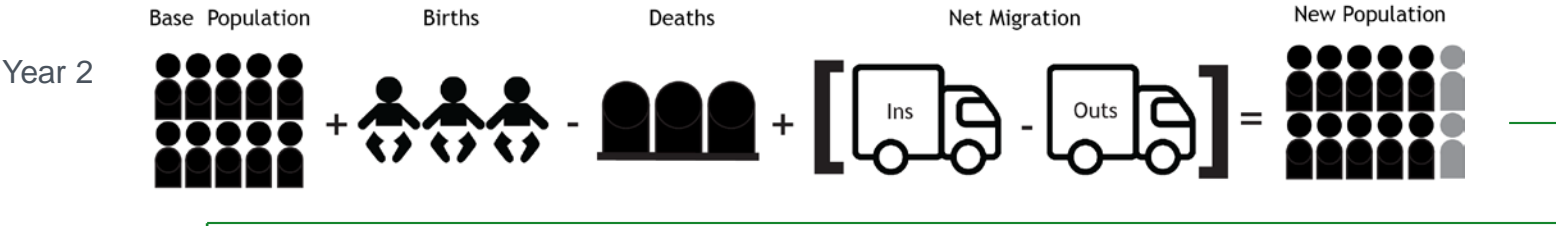
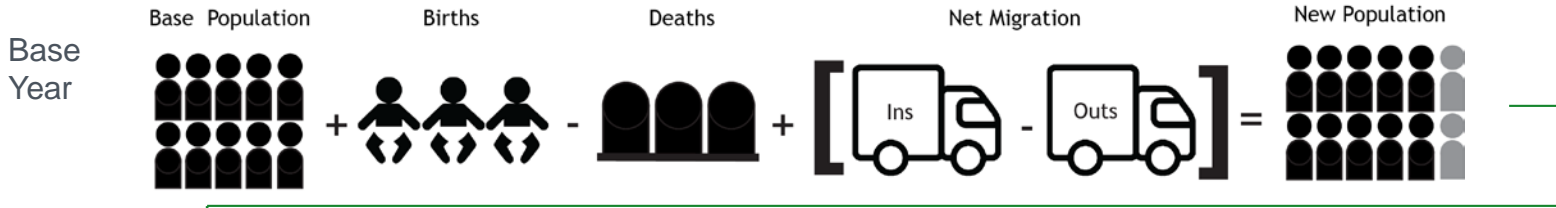


Primary Resources:

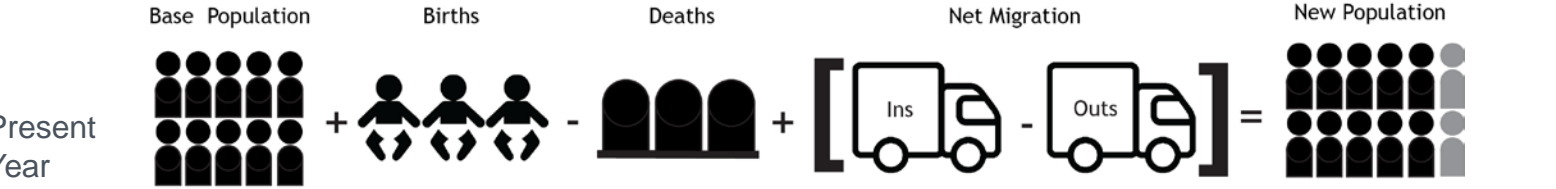
- Decennial Census
 - Base - every 10 years.
 - Population, age, gender, race/ethnicity, housing units, housing occupancy and tenure, household types.
- Estimates - Census and State Demography Office
 - Between Census.
 - Components of change (births, deaths, migration) (Department of Health, IRS, ACS, Census)
- Other:
 - Current Population Survey, Economic Census, County Business Patterns, Local Employment Dynamics (commuting), Quarterly Census of Employment and Wages (Dept of Labor).
- State and local government participation
 - Housing Units, Group Quarters
 - Build Out numbers or other constraints
- American Community Survey
 - Old "long form"
 - Characteristics
 - Survey data so need to deal with margins of error.



County Estimates



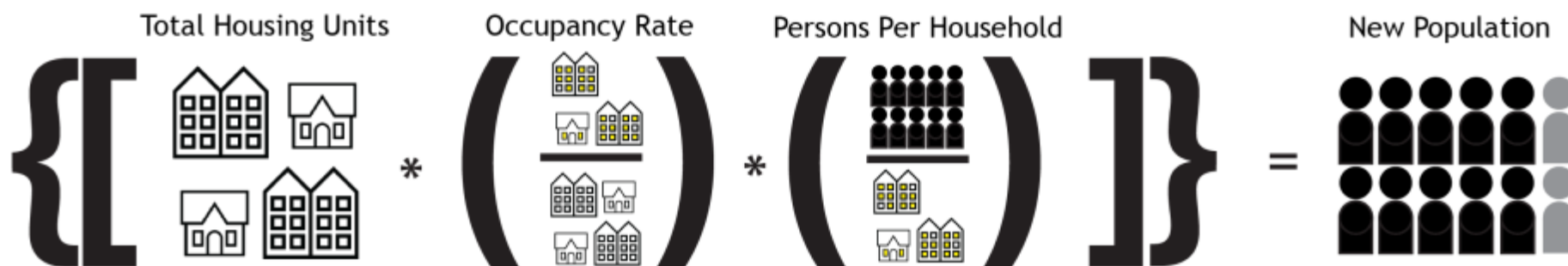
Repeat for Each Estimate Year from Base to Present.



Estimates are revised to the Base year for each Vintage.



Municipal Estimates



- Municipal populations are controlled to sum to the County populations that they are within.
- Estimates are revised back to the base year for each vintage

Forecasts

- Demographic/Economic Model
- Based on current conditions with assumptions on how factors will change over time.

Population forecast methodology

Economic forecast

Jobs

- 2nd & 3rd job

- Commuters

Labor Demand

Cohort-component

+Births - Deaths

+ Net Migration

X LFPR

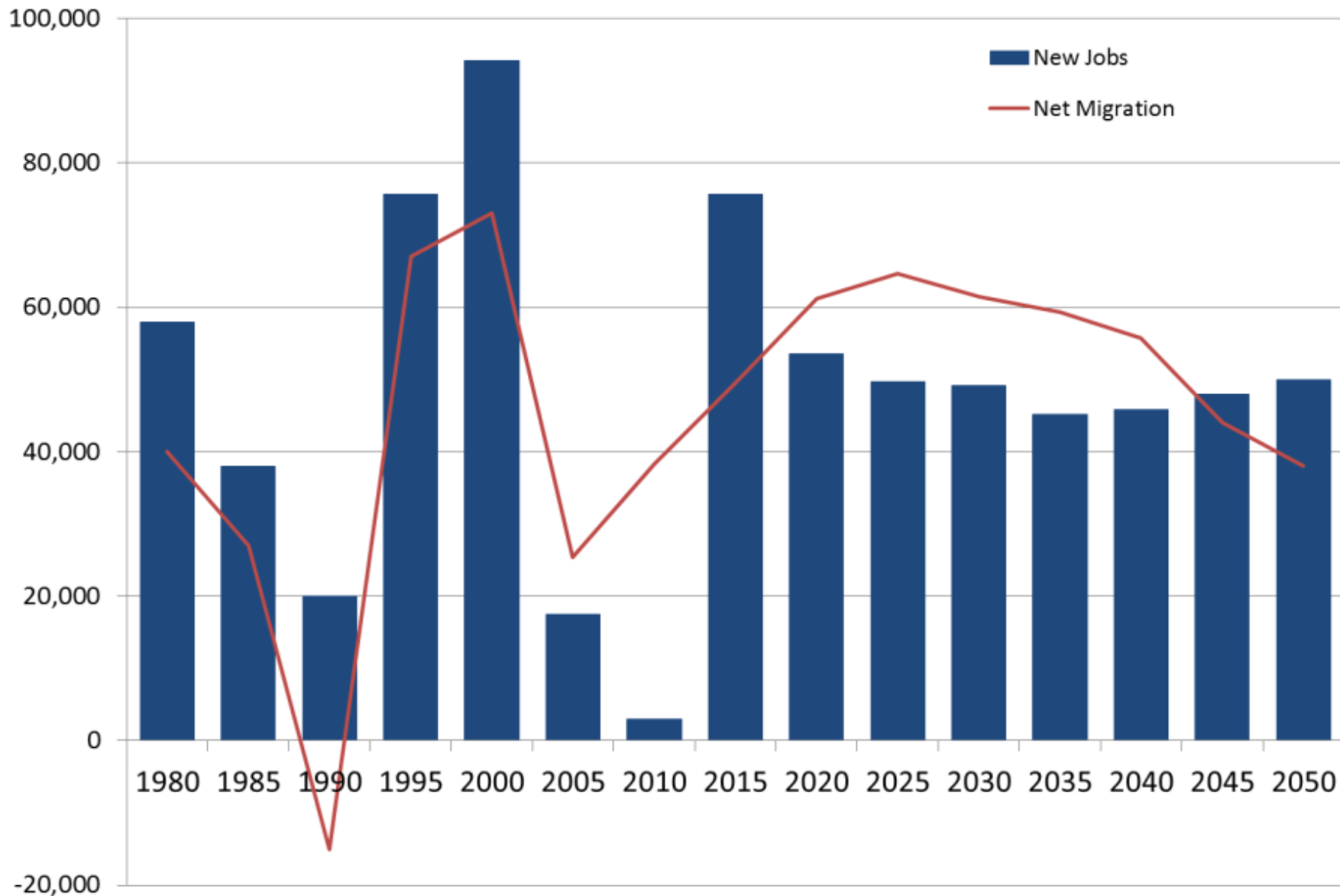
Labor Supply

=

Differences resolved by net migration



Colorado New Jobs and Net Migration



Risks (plus or minus)

- Housing - supply, price, 2nd worst change in affordability
- National Growth - Fertility, National Immigration Policy
- Water - climate
- Labor force - aging, prepared, participation, automation
- Infrastructure/Transportation
- Education - affordable, range of options,
- Aging - will we retain them, labor force, services, cost
- Industry changes - downturn, automation
- Natural disasters - climate, nationally

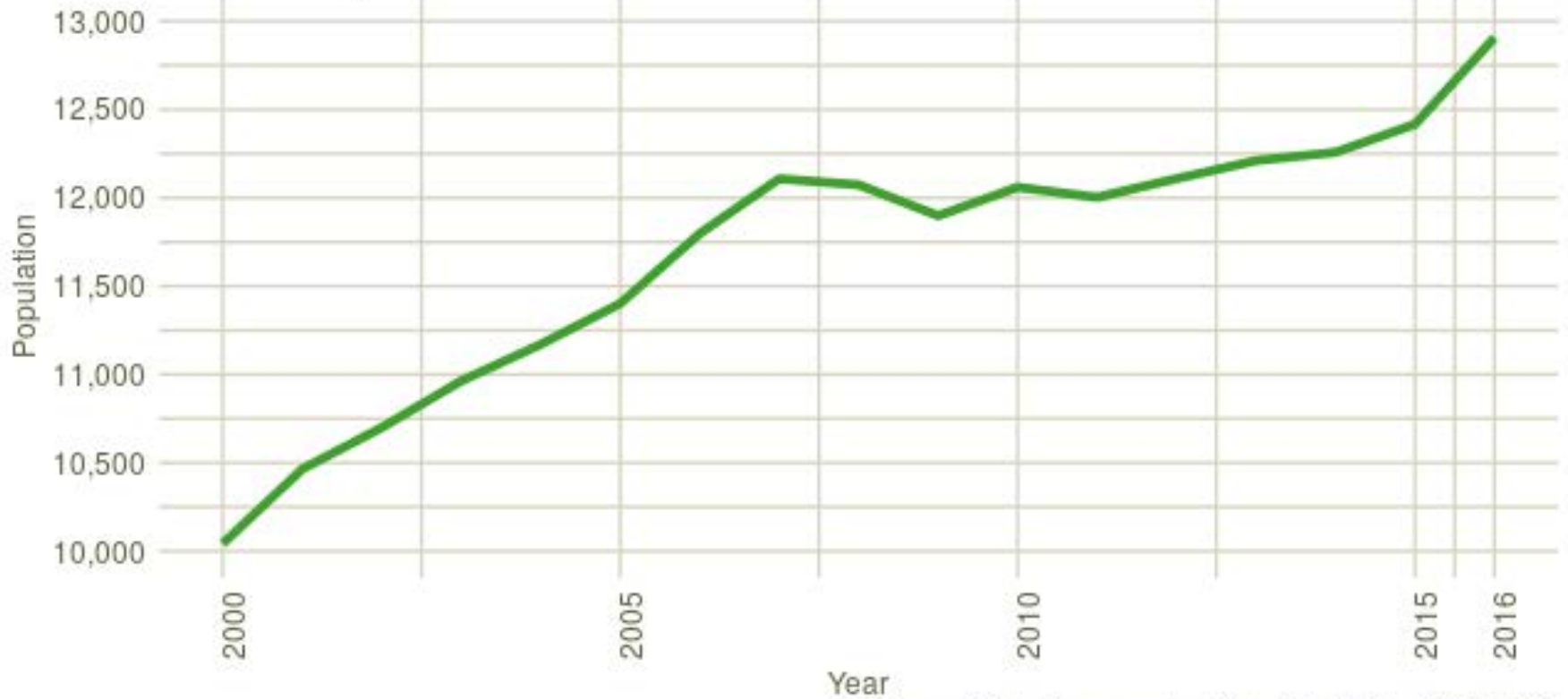


Archuleta Forecasting Worksheet

		2010	2015	2020	2030	2040
Labor Demand	<u>DIRECT BASIC JOBS</u>					
	TRADITIONAL INDUSTRIAL BASIC JOBS	556	662	724	838	930
	REGIONAL & NATIONAL SERVICES	375	508	524	591	629
	TOURISM	1,305	1,406	1,501	1,589	1,679
	COMMUTING JOBS	154	154	155	162	167
	RETIREE GENERATED JOBS	620	846	1,117	1,444	1,785
	PUBLIC ASST. GENERATED JOBS	257	280	297	337	431
	INVESTMENT INCOME & WEALTH	336	330	340	380	525
	TOTAL DIRECT BASIC JOBS	3,602	4,185	4,658	5,340	6,147
	NON-BASIC RESIDENT SV. JOBS	1,998	2,068	2,425	3,060	3,797
	Ratio:NBRJ Jobs/Basic Jobs	0.555	0.494	0.521	0.573	0.618
	TOTAL JOBS	5,599	6,253	7,082	8,399	9,944
	Ann. Pct Ch.	-1.3%	2.2%	2.5%	1.6%	1.7%
	CIVILIAN JOBS (DEMAND)	5,566	6,221	7,063	8,380	9,924
	Ann. Pct Ch.	-1.4%	2.2%	2.6%	1.6%	1.7%
	*Statistical Discrepancy	115	312	719	810	-129
	CIVILIAN JOBS HELD (SUPPLY)	5,451	5,909	6,344	7,570	10,053
	COMMUTING (+ = IN)	-143	-322	-367	-457	-677
	JOBS HELD BY RESIDENTS	5,594	6,231	6,711	8,027	10,730
	Plus:Jobs Multiply Held	381	444	479	570	754
	Multiple Job Holding Rate	6.5%	7.4%	7.5%	7.5%	7.4%
	Employed Persons (Residents)	5,214	5,787	6,231	7,457	9,976
	Ann. Pct Ch.	-1.2%	2.1%	1.5%	2.2%	2.8%
	Unemployment Rate	10.6%	4.1%	3.1%	2.5%	1.7%
	Unemployed Persons	619	245	197	193	168
	LABOR FORCE (RESIDENTS)	5,833	6,032	6,429	7,649	10,144
	Ann. Pct Ch.	0.0%	0.7%	1.3%	2.2%	2.6%
	Labor Force Participation Rate	58.7%	58.9%	56.6%	56.6%	58.2%
	Civilian Noninst. Population 16+	9,940	10,234	11,362	13,525	17,423
	Ann. Pct Ch.	1.7%	0.6%	2.1%	2.0%	2.4%
	Civilian NIPop 16+ / Total Pop	82.3%	82.4%	81.4%	79.8%	79.7%
	POPULATION - CENSUS BASED	12,082	12,417	13,953	16,942	21,859
Labor Supply	Ann. Pct Ch.	1.2%	0.5%	2.4%	2.2%	2.4%
	Jobs to Population Ratio	0.463	0.504	0.508	0.496	0.455

Population, 2000 to 2016

Archuleta County

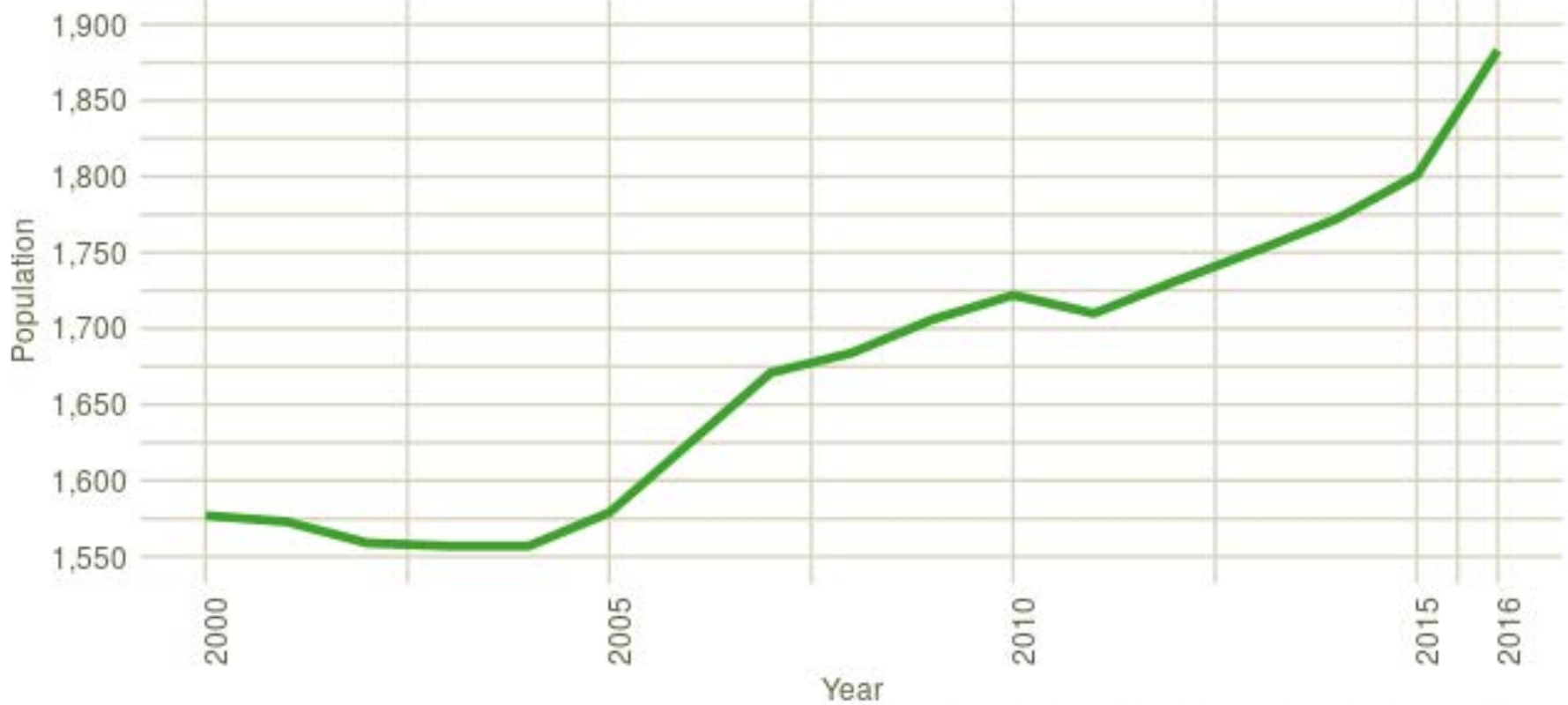


Source: State Demography Office , Print Date: 05/04/2018



Population, 2000 to 2016

Pagosa Springs



Source: State Demography Office , Print Date: 05/04/2018



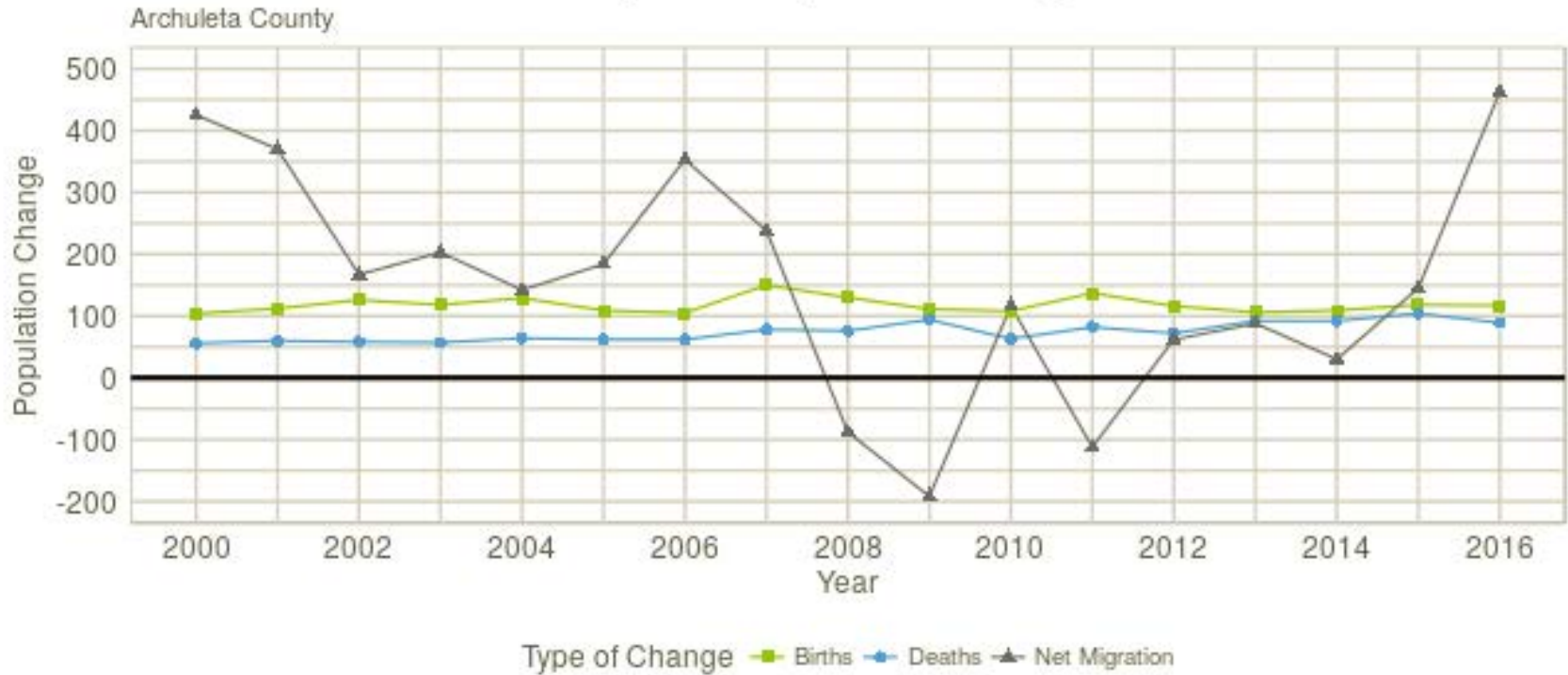
Population Growth Rate

Year	Pagosa Springs		Archuleta County		Colorado	
	Population	Growth Rate	Population	Growth Rate	Population	Growth Rate
1990	1,207		5,393		3,304,042	
1995	1,362	2.4%	7,108	5.7%	3,811,074	2.9%
2000	1,577	3.0%	10,043	7.2%	4,338,801	2.6%
2005	1,579	0.0%	11,402	2.6%	4,662,534	1.4%
2010	1,722	1.7%	12,060	1.1%	5,050,332	1.6%
2015	1,801	0.9%	12,417	0.6%	5,448,055	1.5%
2016	1,883	4.6%	12,907	3.9%	5,538,180	1.7%

^a Source: State Demography Office , Print Date: 05/04/2018



Components of Change: Births, Deaths, and Net Migration

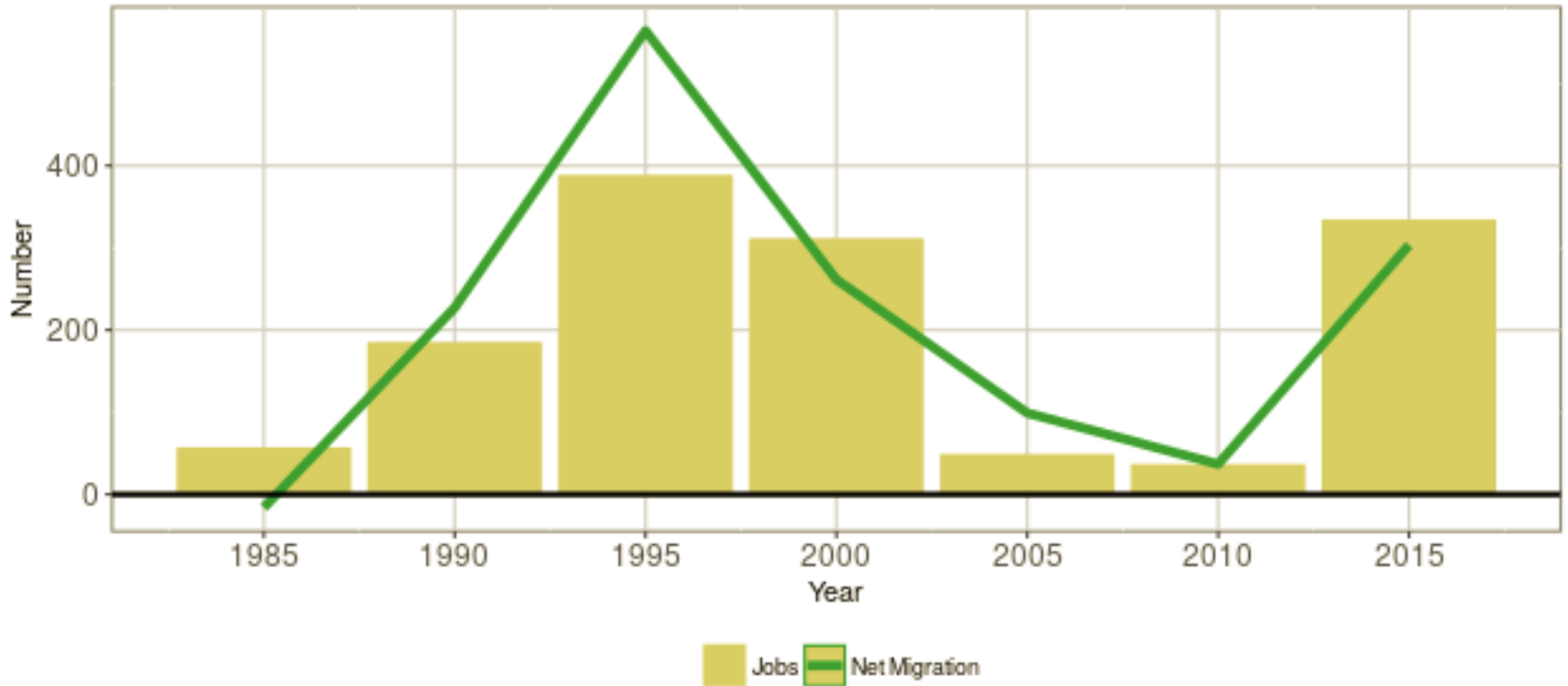


Source: State Demography Office , Print Date: 05/04/2018



Job Growth and Net Migration

Archuleta County

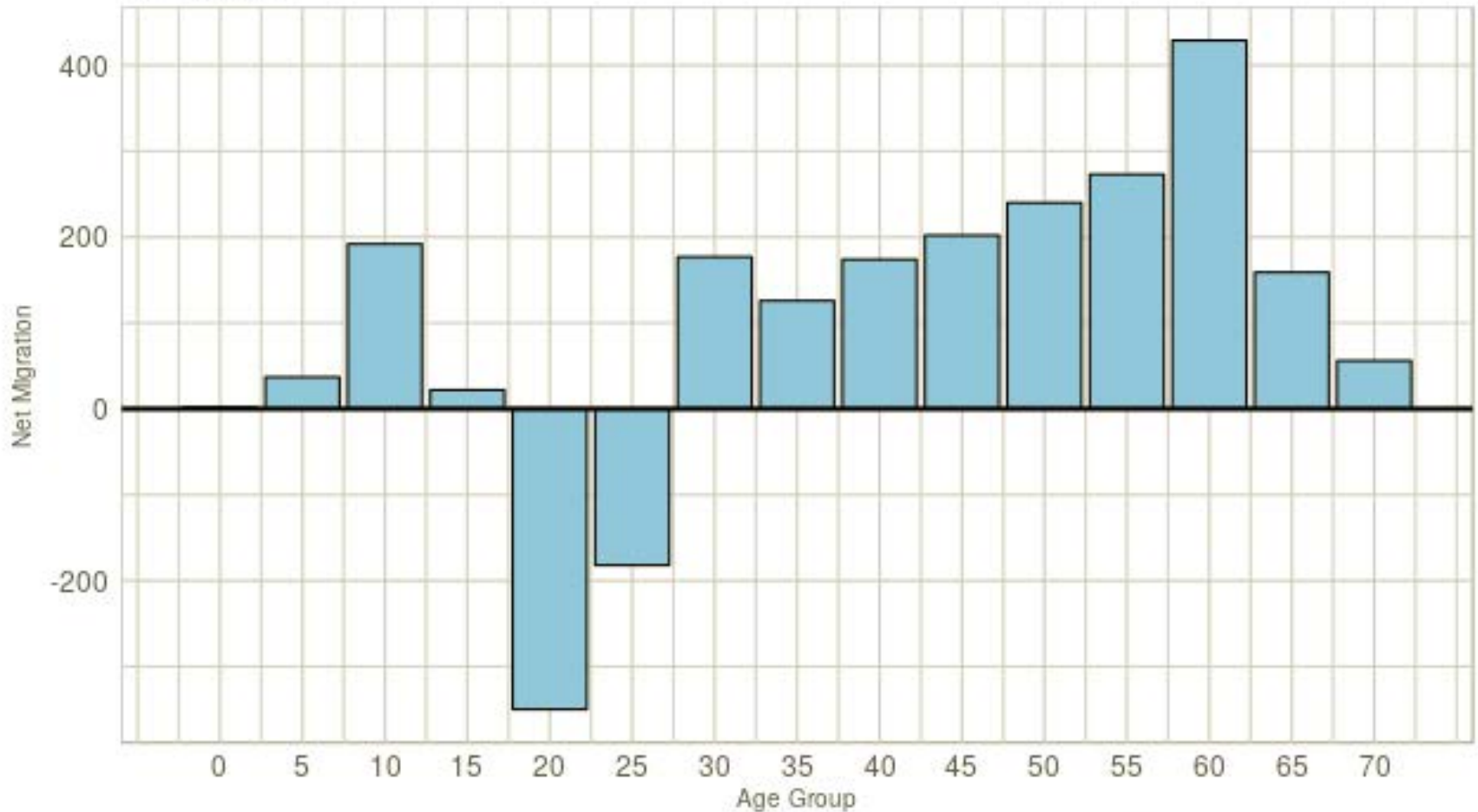


Source: State Demography Office and U.S. Bureau of Economic Analysis , Print Date: 05/04/2018



Net Migration by Age: 2000-2010

Archuleta County



Source: State Demography Office , Print Date: 05/04/2018



2010-17 Net Migration

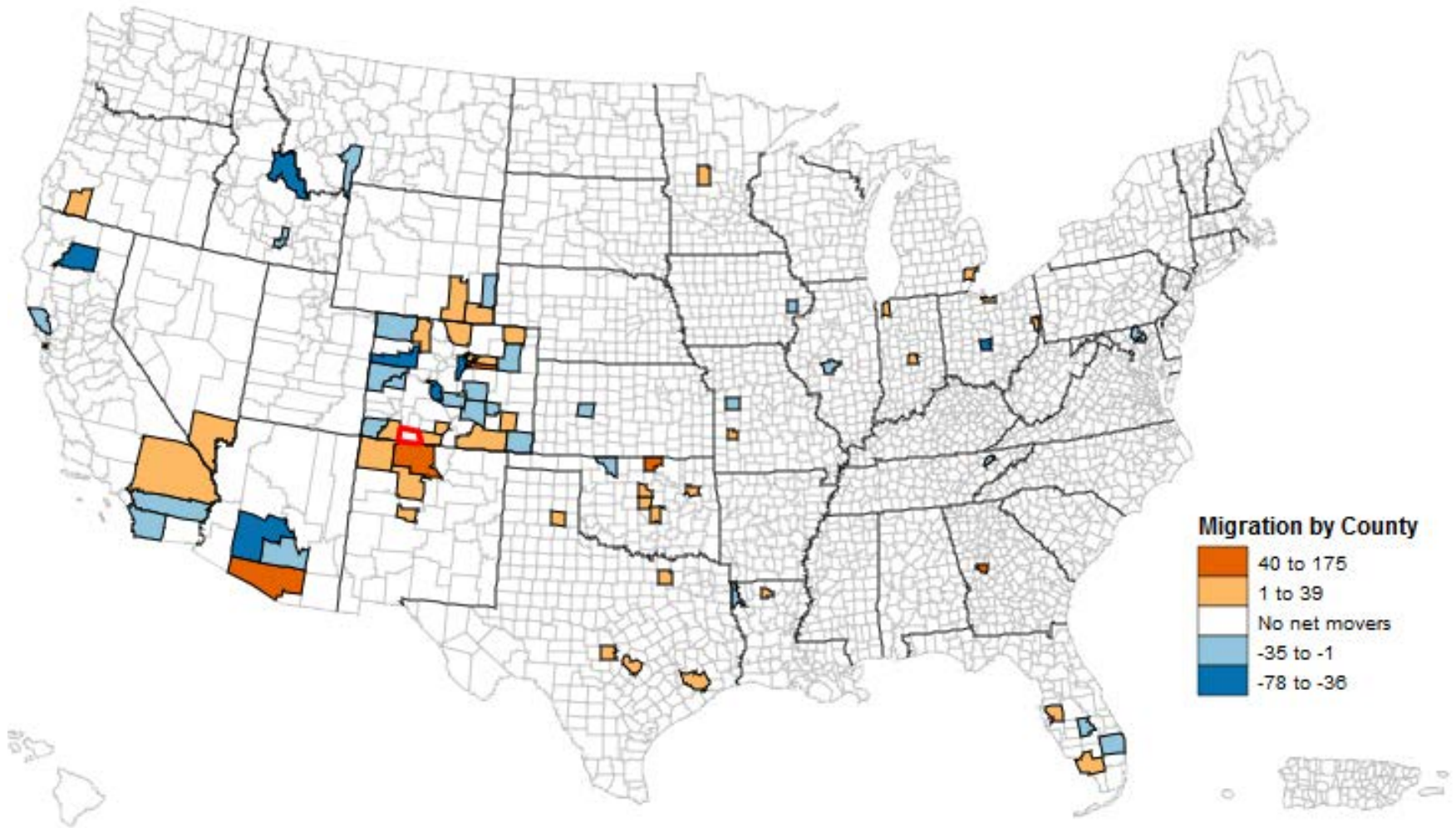
Net Migration

	2011	2012	2013	2014	2015	2016	2017	Total
Archuleta County	-90	66	67	5	143	412	446	1,049
Dolores County	-25	-42	24	-45	0	77	-2	(13)
La Plata County	142	356	711	238	583	449	166	2,645
Montezuma County	-129	-16	31	-84	124	252	144	322
San Juan County	-18	2	2	17	-24	-2	23	-

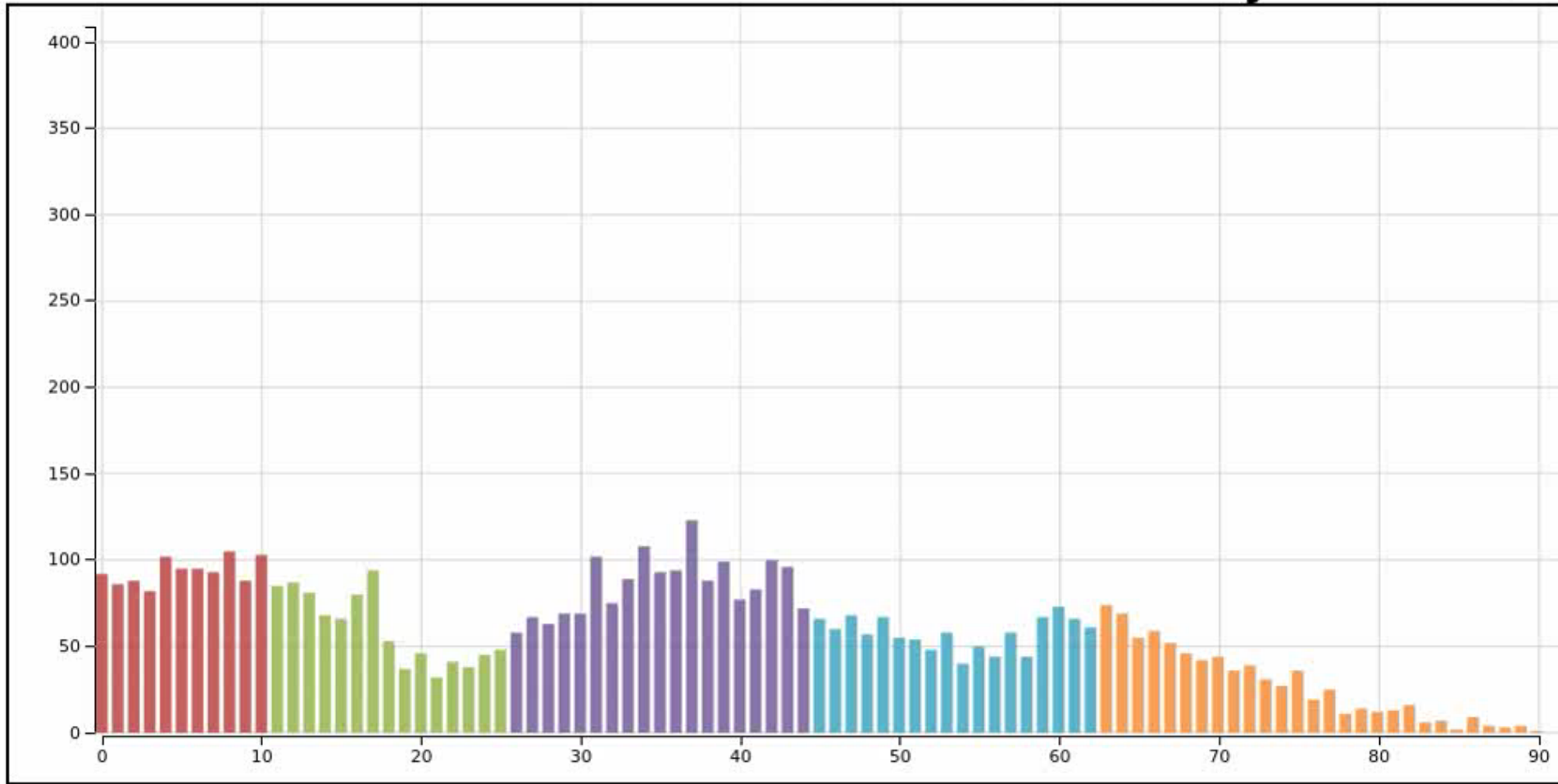
County-to-County Migration: Archuleta

Coming to Archuleta from:	Leaving Archuleta for:	Highest Net Migration
Pima County, AZ	Maricopa County, AZ	Pima County, AZ
Rio Arriba County, NM	Jefferson	Rio Arriba County, NM
Arapahoe	Garfield	Jefferson
Kay County, OK	Shasta County, CA	Maricopa County, AZ
Upson County, GA	Chaffee	La Plata





Archuleta County 1990



- Next Generation (2000+)
- Millennial (1980-1999)
- Gen X (1965-1979)
- Baby Boomers (1946-1964)
- Silent Generation (1928-1945)
- Greatest Generation (-1927)

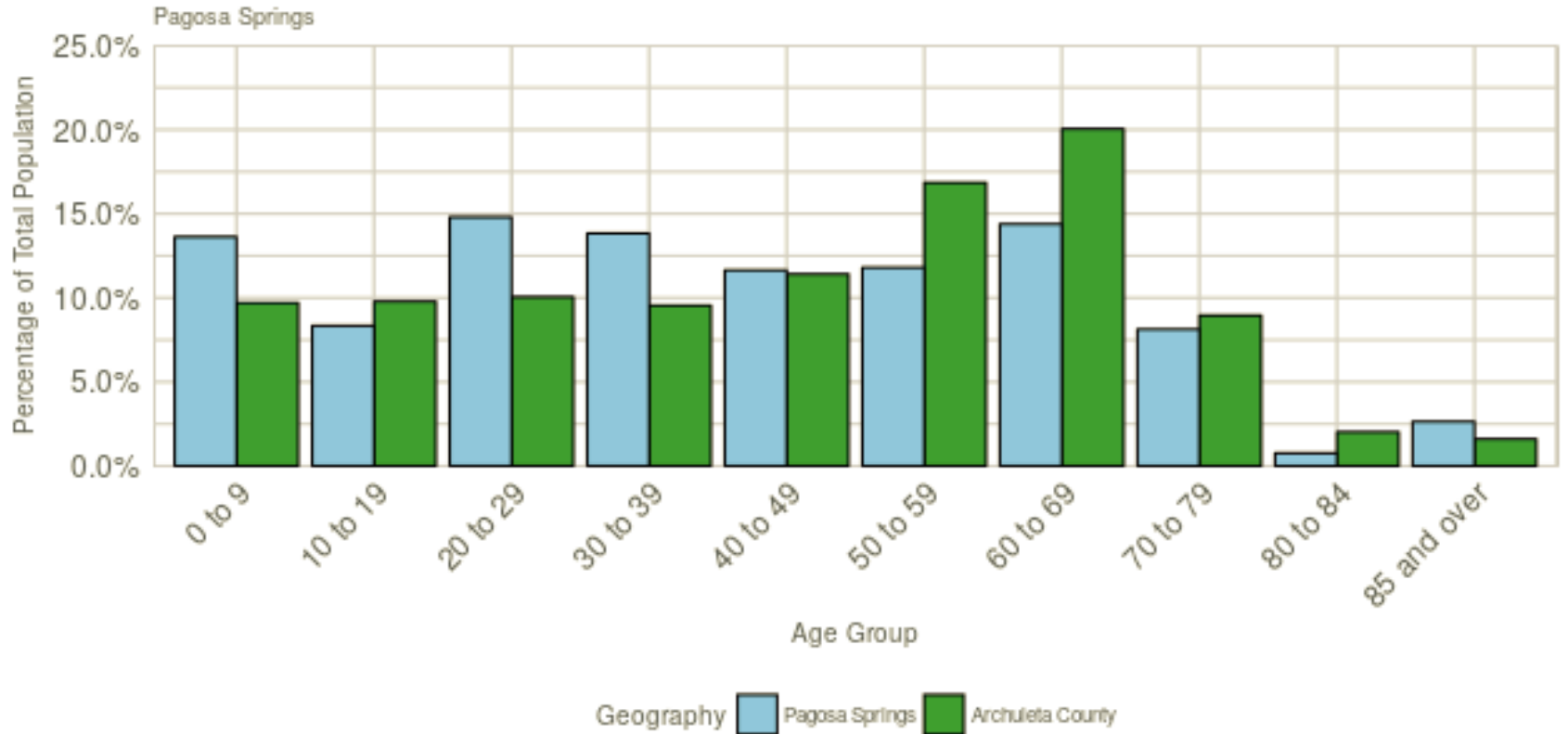


Pagosa – 37

Archuleta – 49.5

CO – 36.4

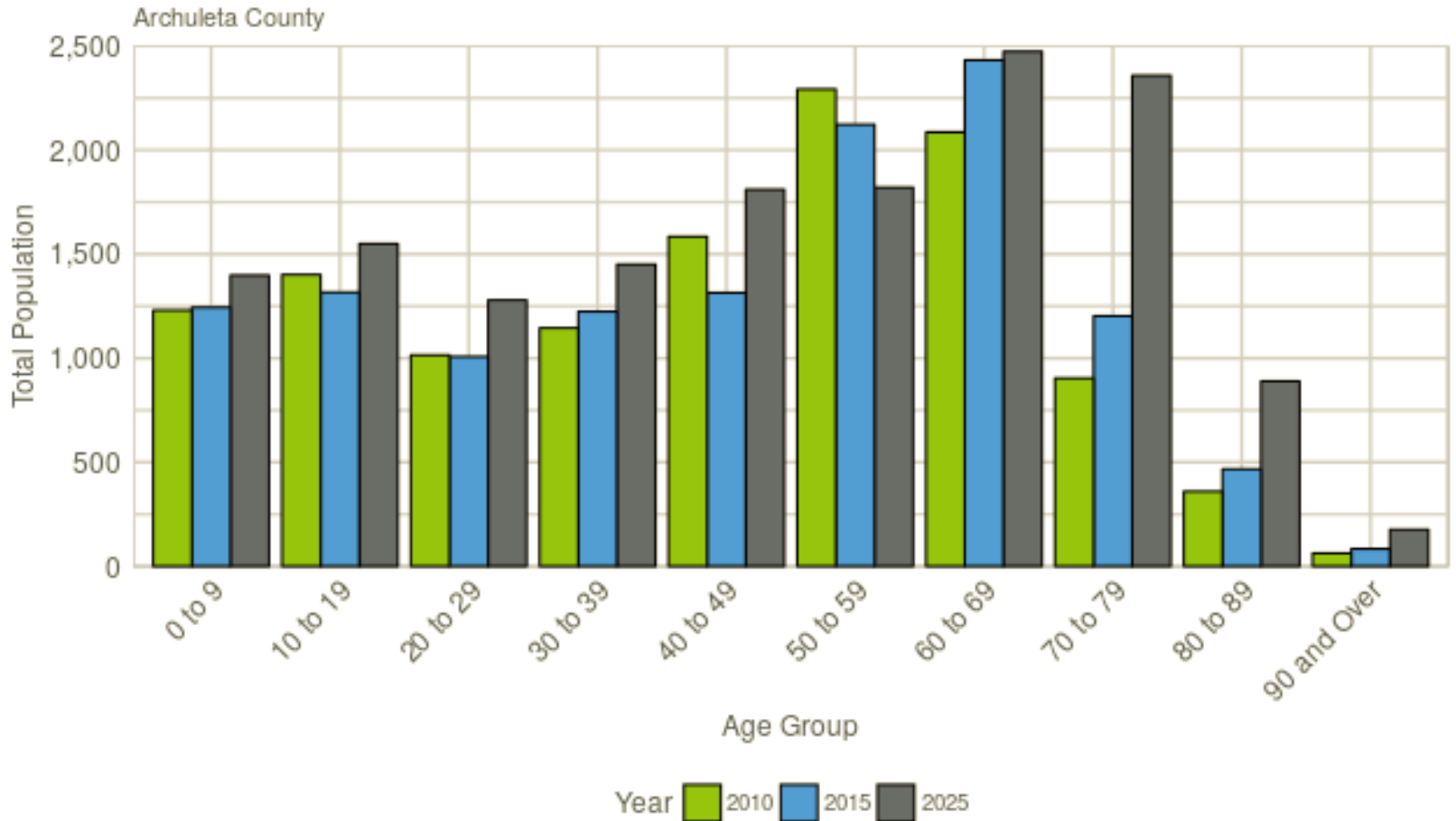
Population Distribution by Age for 2016



Source: U.S. Census Bureau, 2012-2016 American Community Survey. , Print Date: 05/04/2018



Age Forecast: 2010 to 2025

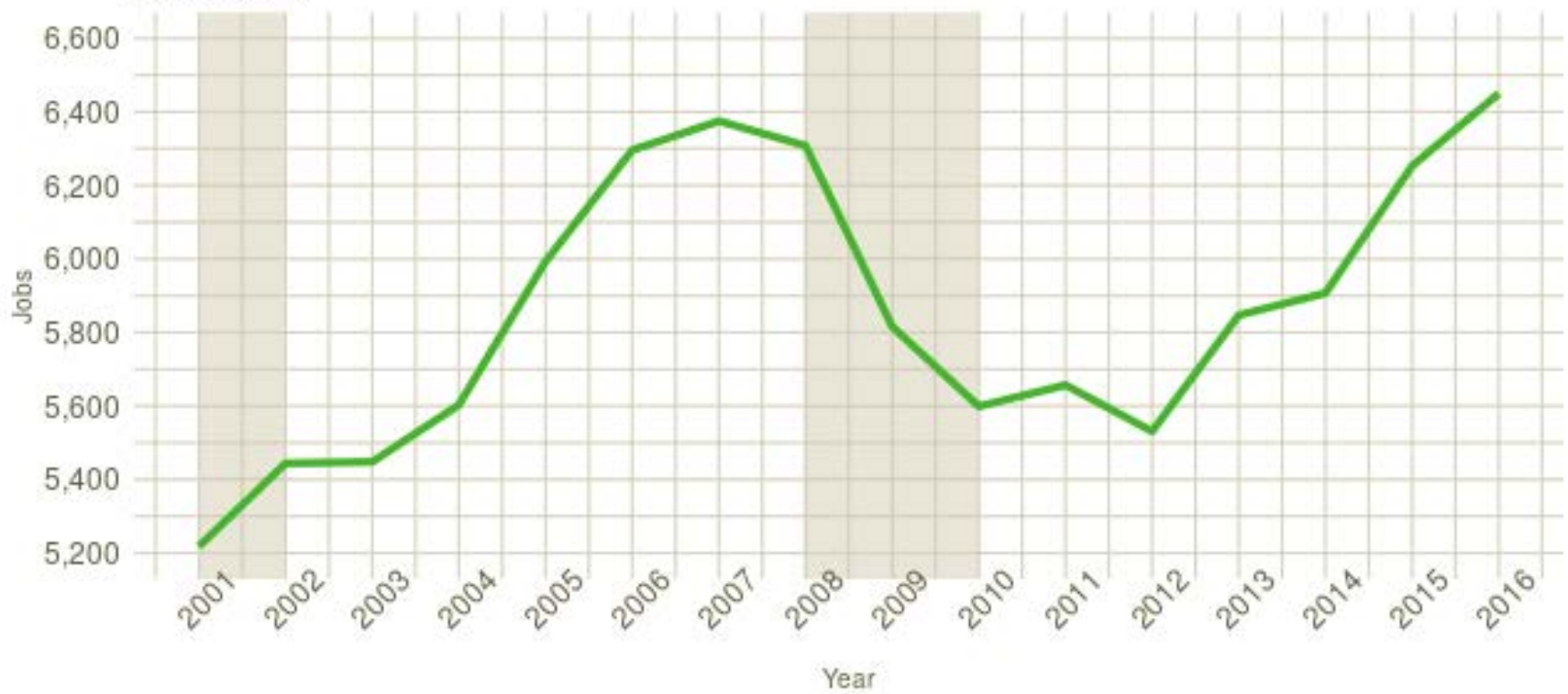


Source: State Demography Office , Print Date: 05/04/2018



Total Estimated Jobs, 2001 to 2016

Archuleta County



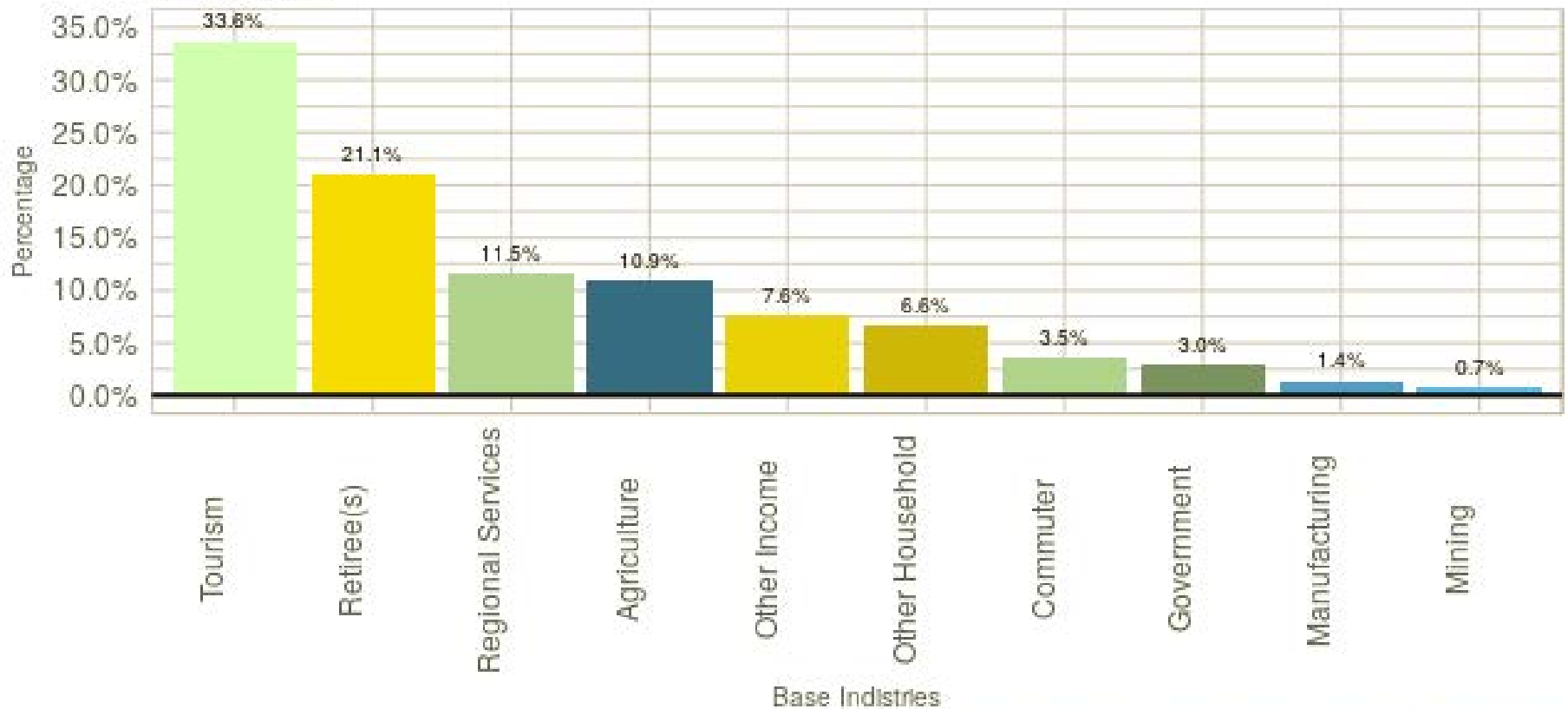
Source: State Demography Office , Print Date: 05/04/2018

Note: Grey shading represents beginning to bottom of U.S. recessions



2016 Base Industries (without Indirect)

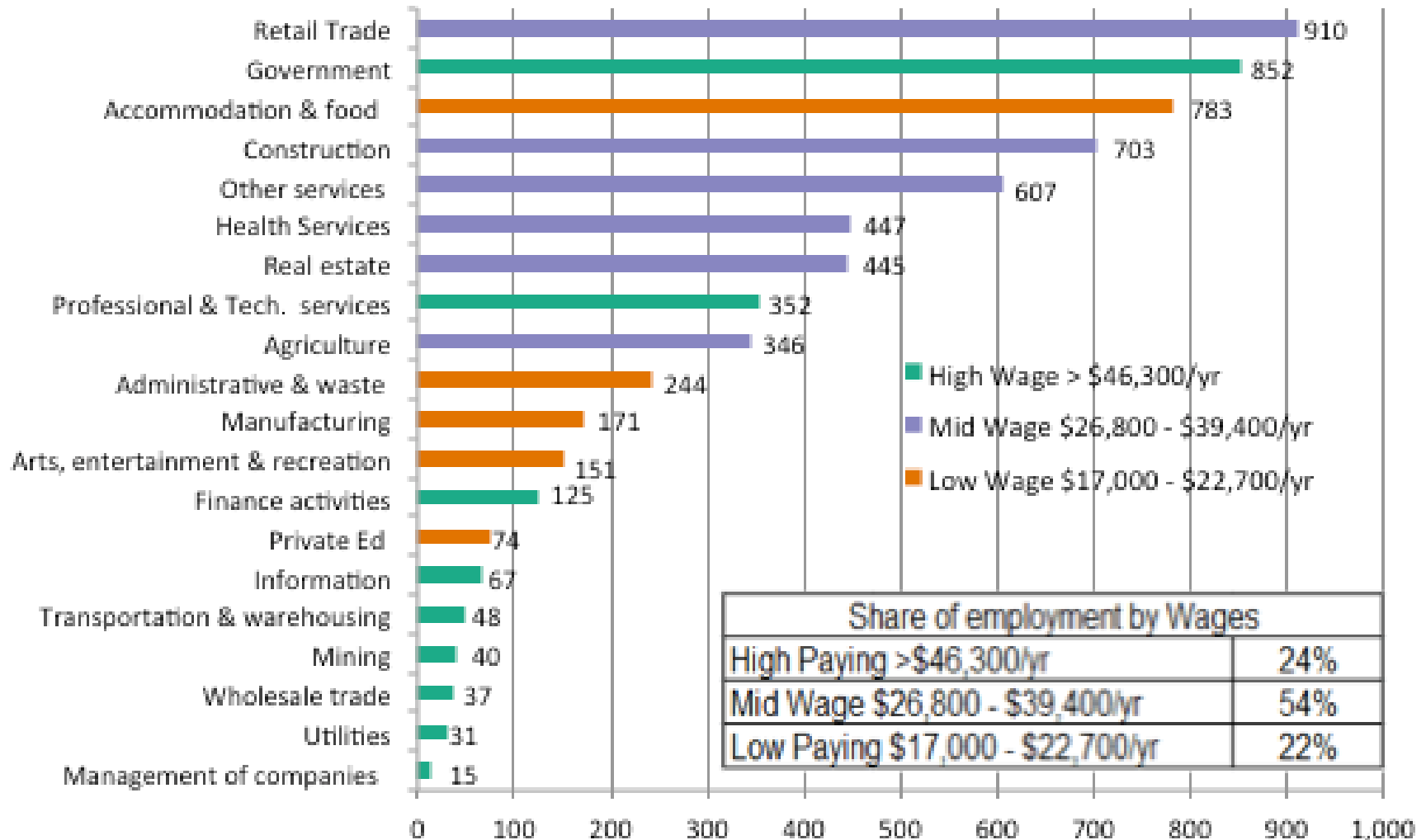
Archuleta County



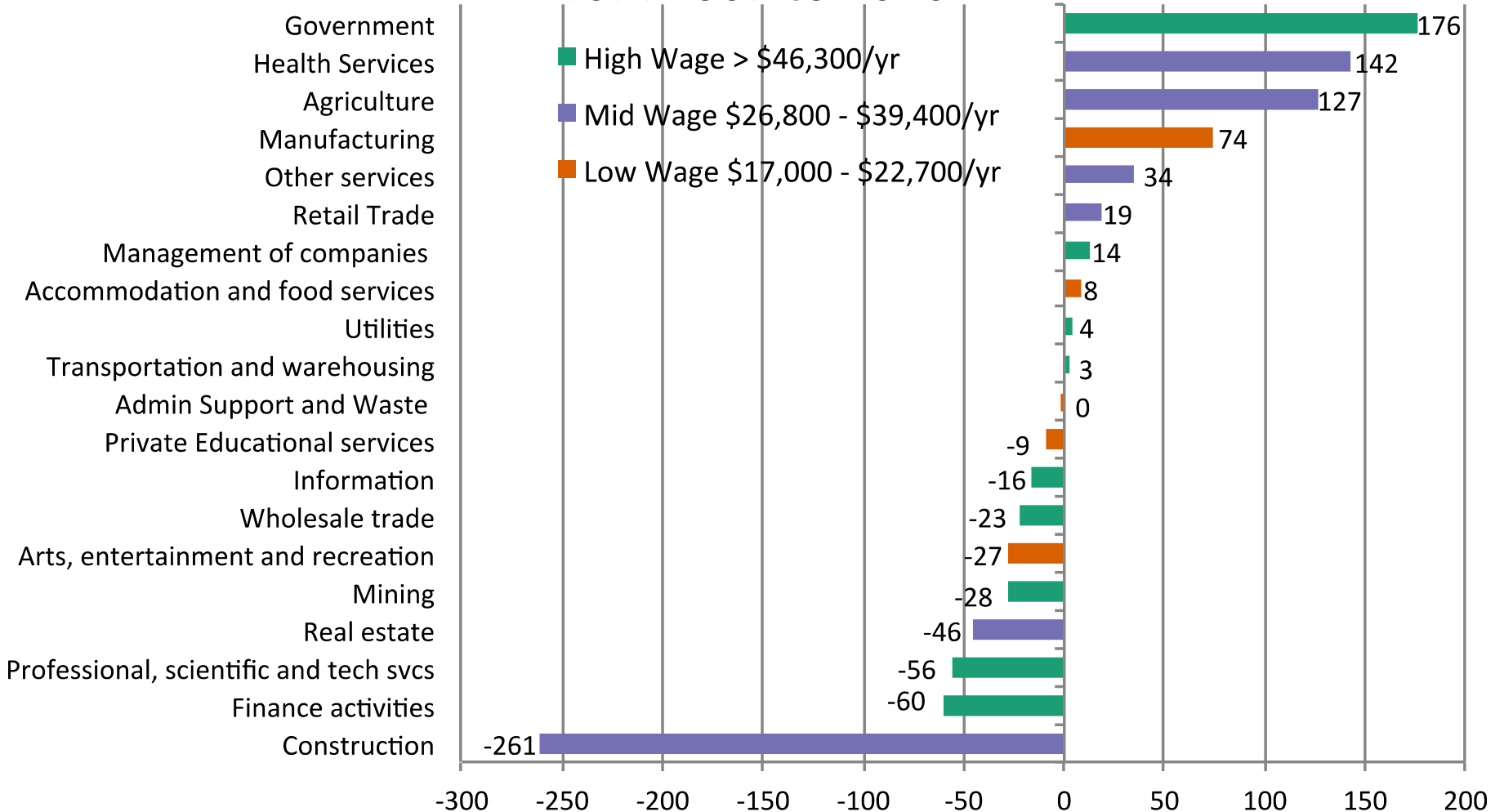
Source: State Demography Office , Print Date: 05/04/2018



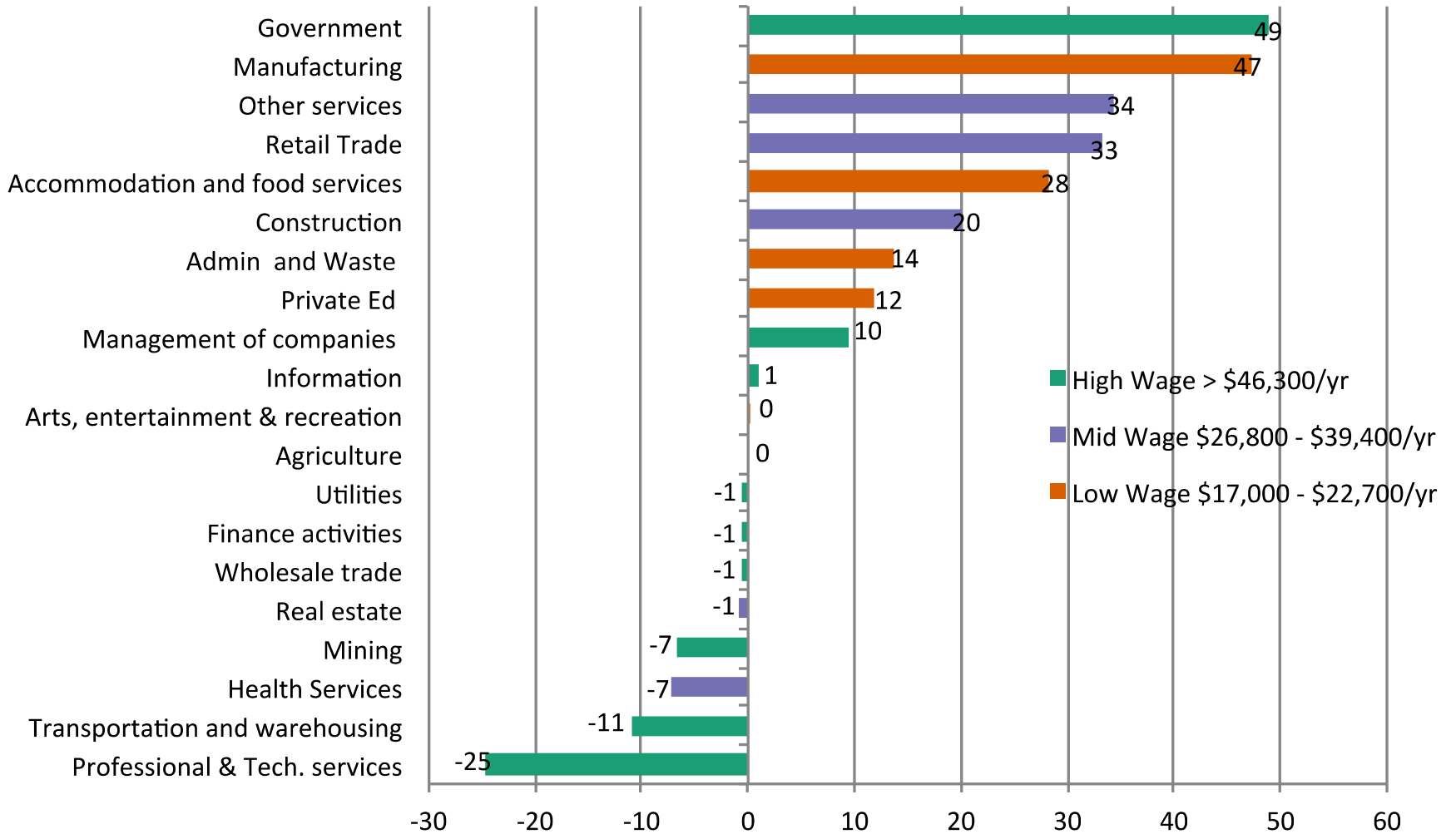
Archuleta County 2016 SDO Employment by Industry



Archuleta County Employment Change by Industry from 2007 to 2016



Archuleta County Employment Change 2015-16



Archuleta County Total Employment, Wage & Salary Jobs & Proprietors

Industry	Total Jobs	W2	1099/Proprietor	Share Proprietors
Agriculture	346	63	283	82%
Mining	40	22	18	45%
Utilities	31	31	0	0%
Construction	703	268	435	62%
Manufacturing	171	147	24	14%
Wholesale Trade	37	21	16	43%
Retail Trade	910	793	117	13%
Transport. & Warehousing	48	34	14	29%
Information	67	56	11	16%
Financial Activities	125	107	18	14%
Real Estate	445	201	244	55%
Professional & Tech. Svcs	352	120	232	66%
Management of Companies	15	15	0	0%
Admin & Waste	244	121	123	50%
Private Ed	74	30	44	60%
Health Services	447	369	78	17%
Arts, Entertainment & Recreation	151	60	91	60%
Accommodation & Food	783	750	33	4%
Other Services	607	303	304	50%
Government	852	852	0	0%
Total Employment	6,450	4,365	2,085	32%



Household Income Source(s)

Pagosa Springs

Income Source	Total Households		Mean Income	
	Estimate	MOE	Estimate	MOE
All Households	875	138	\$31,108	\$ 7,379
With earnings	76.1%	16.0%	\$38,611	\$ 9,496
With interest, dividends or net rental income	13.4%	5.5%	\$12,994	\$ 9,645
With Social Security income	30.4%	7.7%	\$16,745	\$ 4,956
With Supplemental Security Income (SSI)	1.4%	1.3%	\$15,017	\$14,628
With cash public assistance income	0.3%	0.6%	\$ NA	\$ NA
With retirement income	15.0%	5.9%	\$21,304	\$10,344

^a Source: U.S. Census Bureau, 2012-2016 American Community Survey. , Print Date: 05/04/2018

Household Income Source(s)

Archuleta County

Income Source	Total Households		Mean Income	
	Estimate	MOE	Estimate	MOE
All Households	5,382	279	\$42,142	\$ 3,675
With earnings	73.5%	5.5%	\$55,779	\$ 5,754
With interest, dividends or net rental income	25.4%	3.8%	\$25,861	\$10,070
With Social Security income	37.8%	2.5%	\$18,812	\$ 1,406
With Supplemental Security Income (SSI)	3.1%	1.5%	\$ 8,195	\$ 4,116
With cash public assistance income	0.5%	0.4%	\$ 3,604	\$ 3,848
With retirement income	22.1%	3.2%	\$29,345	\$ 6,180

^a Source: U.S. Census Bureau, 2012-2016 American Community Survey. , Print Date: 05/06/2018



Average Weekly Wage, in Real (2016) Dollars

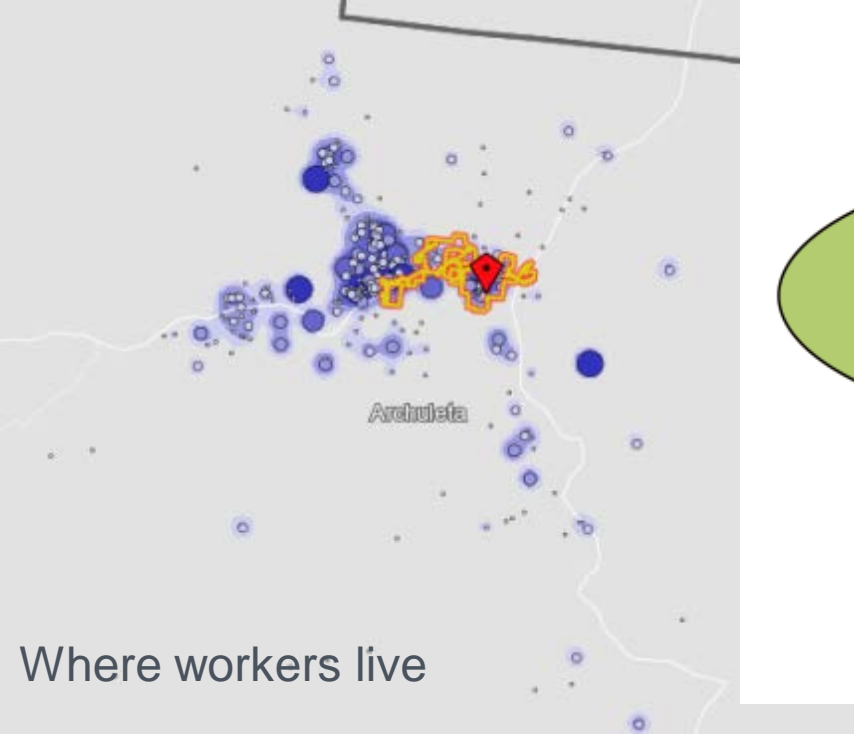
Archuleta County



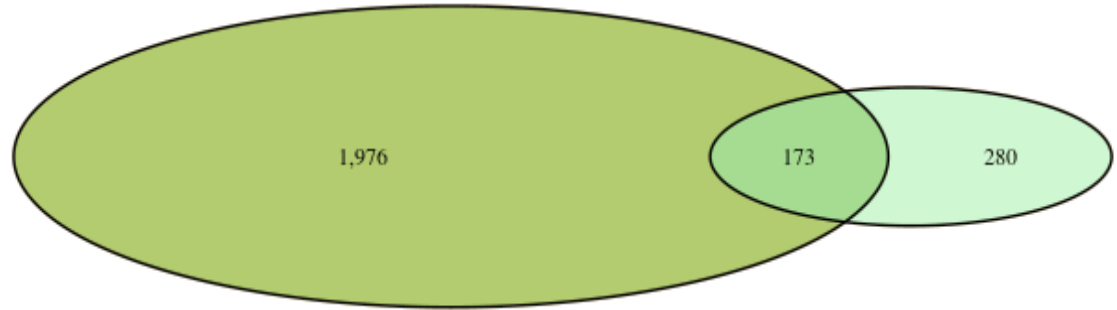
Source: Department of Labor and Employment (QCEW) , Print Date: 05/04/2018

\$33,000 vs. \$45,193





Pagosa Springs All Jobs, 2015

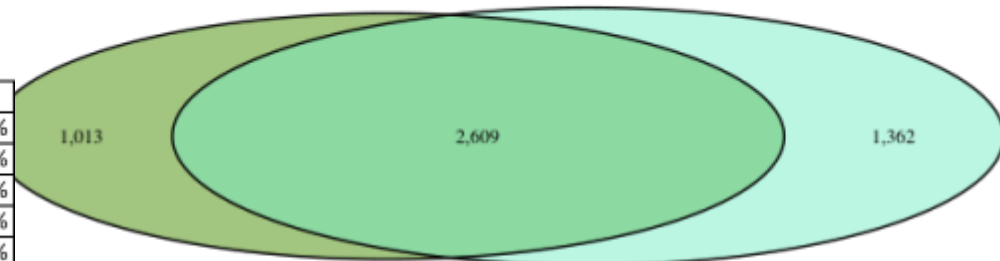


- Employees in Pagosa Springs living elsewhere
- Residents of Pagosa Springs working elsewhere
- Employed and Live in Pagosa Springs

Source: U.S. Census Bureau On the Map , Print Date: 05/04/2018

Where workers live

Archuleta County All Jobs, 2015



- Employees in Archuleta County living elsewhere
- Residents of Archuleta County working elsewhere
- Employed and Live in Archuleta County

Source: U.S. Census Bureau On the Map , Print Date: 05/06/2018

Live in Archuleta - Work Elsewhere			Work in Archuleta - Live Elsewhere		
Location	Count	Percent	Location	Count	Percent
La Plata County, CO	380	28%	La Plata County, CO	271	27%
Denver County, CO	71	5%	Montezuma County, CO	67	7%
Montezuma County, CO	69	5%	Alamosa County, CO	61	6%
Mesa County, CO	60	4%	El Paso County, CO	58	6%
El Paso County, CO	51	4%	Montrose County, CO	30	3%
Jefferson County, CO	51	4%	Rio Grande County, CO	30	3%
Adams County, CO	41	3%	Denver County, CO	24	2%
Montrose County, CO	35	3%	Eagle County, CO	24	2%
Arapahoe County, CO	23	2%	Mesa County, CO	24	2%
Eagle County, CO	21	2%	Jefferson County, CO	21	2%
Other Counties	560	41%	Other Counties	403	40%
Total	1,362	100%	Total	1,013	100%



Housing Type	Archuleta County	
	Count	Percent
Total Housing Units	8,965	100.0%
Occupied Housing Units	5,382	60.0%
Owner-Occupied Units	4,023	44.9%
Renter-Occupied Units	1,359	15.2%
Vacant Housing Units	3,583	40.0%
Seasonal Units	2,566	28.6%
All Other Vacant Units	1,017	11.3%

^a Source: U.S. Census Bureau, 2012-2016 American Community Survey. , Print Date: 05/04/2018

Housing Units

Housing Type	Pagosa Springs	
	Count	Percent
Total Housing Units	1,151	100.0%
Occupied Housing Units	875	76.0%
Owner-Occupied Units	427	37.1%
Renter-Occupied Units	448	38.9%
Vacant Housing Units	276	24.0%
Seasonal Units	180	15.6%
All Other Vacant Units	96	8.3%

^a Source: U.S. Census Bureau, 2012-2016 American Community Survey. , Print Date: 05/04/2018



Housing Occupancy 2010		Colorado	Archuleta
Total housing units	Number	2,212,898	8,762
	%	100.0	100.0
Occupied housing units	Number	1,972,868	5,267
	%	89.2	60.1
Vacant housing units	Number	240,030	3,495
	%	10.8	39.9
For rent	Number	57,644	509
	%	2.6	5.8
Rented, not occupied	Number	3,058	16
	%	0.1	0.2
For sale only	Number	32,673	248
	%	1.5	2.8
Sold, not occupied	Number	5,418	29
	%	0.2	0.3
For seasonal, recreational, or occasio	Number	101,965	2,361
	%	4.6	26.9
All other vacants	Number	39,272	332
	%	1.8	3.8
Homeowner vacancy rate (percent) [8]		2.5	5.9
Rental vacancy rate (percent) [9]		7.8	27.6
Source: Census 2010			





Uncertainty

- Most state & local population projections have a Mean Absolute Percent Error (MAPE) of 6-7% for 10 year projections and 11-15% for 20 years¹.
- Colorado State Demography Office MAPE
 - 10 Year (1988-2005): 5.2%
 - 15 Year (1988-2000): 9.9%
 - 20 Year (1988, 92, 93, 95): 14.3%
- Migration most uncertain component.





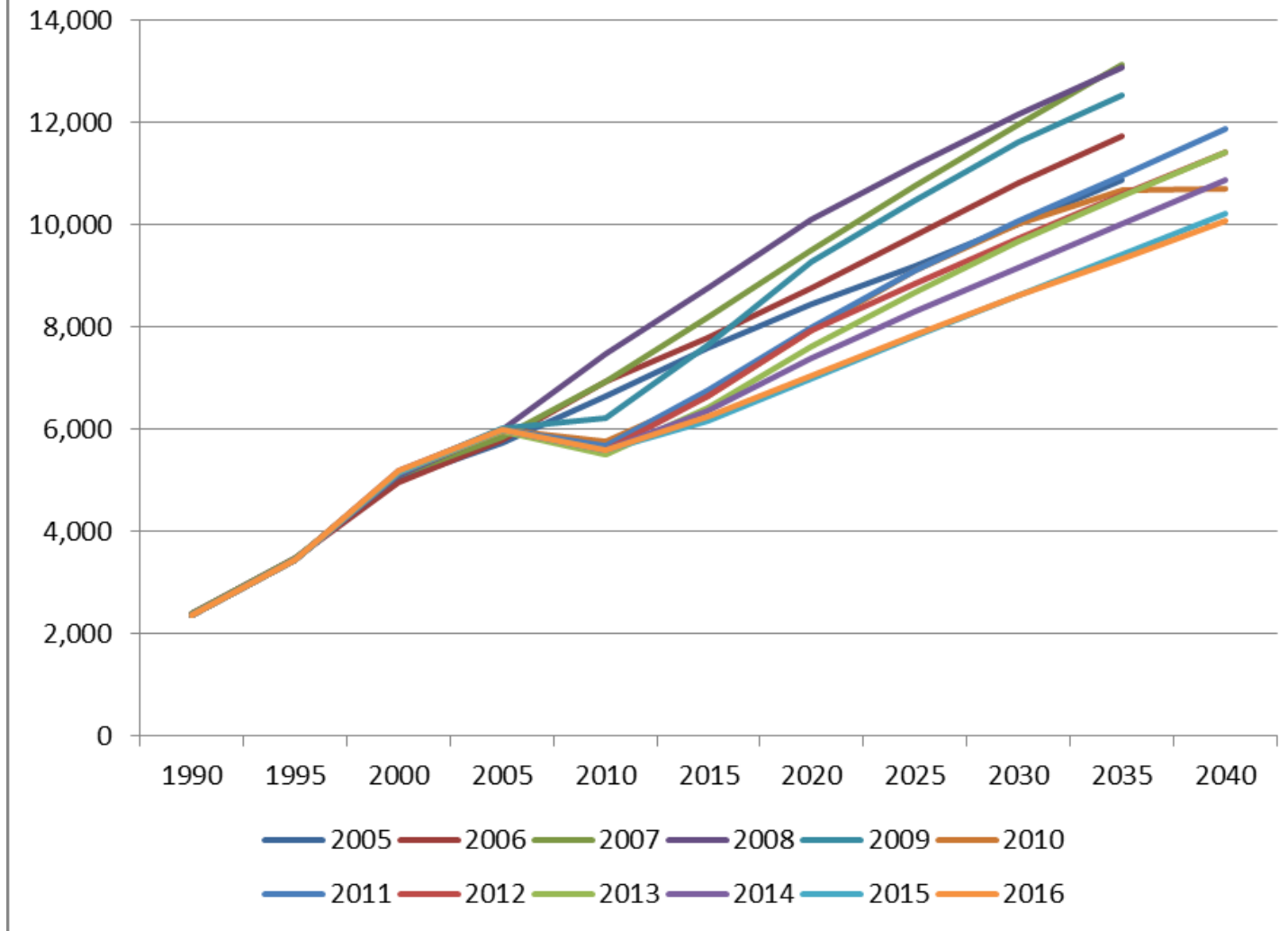
WHERE WE THOUGHT WE WOULD BE IN 2015

2015 Current population estimate 5,456,584

Year Forecast Prepared	Forecast Horizon	Forecast	Error
1990	25 years	4,164,507	-31.0%
1995	20 years	5,423,233	-0.6%
2000	15 years	5,499,847	0.8%
2005	10 years	5,705,646	4.4%
2010	5 years	5,474,968	0.03%



Archuleta County SDO Employment Forecasts 2005 to 2016



Job Forecasts by Vintage

Archuleta	1990	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040
2003	2,885	3,276	4,768	5,508	6,546	7,343	8,186	8,914			
2004	2,263	3,475	4,189	4,673	5,820	6,650	7,493	8,403	9,330		
2005	2,395	3,475	5,001	5,717	6,655	7,580	8,439	9,185	10,018	10,884	
2006	2,378	3,475	4,968	5,798	6,918	7,773	8,769	9,792	10,807	11,737	
2007	2,378	3,475	5,115	5,845	6,942	8,176	9,508	10,763	11,954	13,115	
2008	2,365	3,451	5,088	5,999	7,482	8,764	10,092	11,150	12,166	13,063	
2009	2,365	3,450	5,153	6,006	6,229	7,656	9,275	10,479	11,607	12,523	
2010	2,365	3,450	5,153	5,988	5,756	6,636	7,936	9,112	10,011	10,671	10,698
2011	2,367	3,445	5,126	5,975	5,667	6,747	7,996	9,104	10,072	10,970	11,862
2012	2,358	3,432	5,168	5,961	5,573	6,630	7,924	8,836	9,742	10,598	11,414
2013	2,358	3,432	5,168	5,961	5,508	6,407	7,622	8,684	9,666	10,566	11,413
2014	2,371	3,450	5,194	5,993	5,585	6,366	7,391	8,309	9,160	10,002	10,869
2015	2,360	3,435	5,170	5,977	5,586	6,162	6,984	7,810	8,620	9,413	10,226
2016	2,371	3,450	5,193	5,993	5,587	6,237	7,044	7,833	8,618	9,320	10,057



Archuleta
Job
Forecasts

	1990-05 CAGR	2005-15 CAGR	1990- 15CAGR	2015-35 CAGR	2020- 2040 CAGR
2003	4.4%	2.9%	3.8%		
2004	5.0%	3.6%	4.4%		
2005	6.0%	2.9%	4.7%	1.8%	
2006	6.1%	3.0%	4.9%	2.1%	
2007	6.2%	3.4%	5.1%	2.4%	
2008	6.4%	3.9%	5.4%	2.0%	
2009	6.4%	2.5%	4.8%	2.5%	
2010	6.4%	1.0%	4.2%	2.4%	1.5%
2011	6.4%	1.2%	4.3%	2.5%	2.0%
2012	6.4%	1.1%	4.2%	2.4%	1.8%
2013	6.4%	0.7%	4.1%	2.5%	2.0%
2014	6.4%	0.6%	4.0%	2.3%	1.9%
2015	6.4%	0.3%	3.9%	2.1%	1.9%
2016	6.4%	0.4%	3.9%	2.0%	1.8%



Census 2020

- Redistricting, Planning, Funding (\$1,486 per person per year based on Census counts in Colorado)
- Collection format - online, paper, phone
- Planning
 - Geography and Housing - Now through 2020
 - Education, Marketing, Outreach
 - State Complete Count Committee
 - Multiple State Agency Involvement
 - Colorado Census 2020 website
 - Monitoring Census Info releases - funding, programs



	Pagosa	Change	Uninc Achu	Change	Total
Thu10	945.00		7,827.00		8,772.00
Thu11	948.00	3.00	7,870.00	43.00	8,818.00
Thu12	957.00	9.00	7,913.00	43.00	8,870.00
Thu13	967.00	10.00	7,963.00	50.00	8,930.00
Thu14	984.00	17.00	8,027.00	64.00	9,011.00
Thu15	997.00	13.00	8,093.00	66.00	9,090.00
Thu16	1,016.00	19.00	8,183.00	90.00	9,199.00



Demographic and Economic Trends Impacting Colorado



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Transitions to Watch

- Disparity - growth, income, jobs, education.
- Migration - attracting and retaining the right fit.
- Aging - labor force, income, housing, jobs
- Changes to industries - booms, downturns, automation.
- Increasing racial and ethnic diversity.
- Slowing income growth
- Population growth (but slowing) - planning for the people (and everything that comes with them)



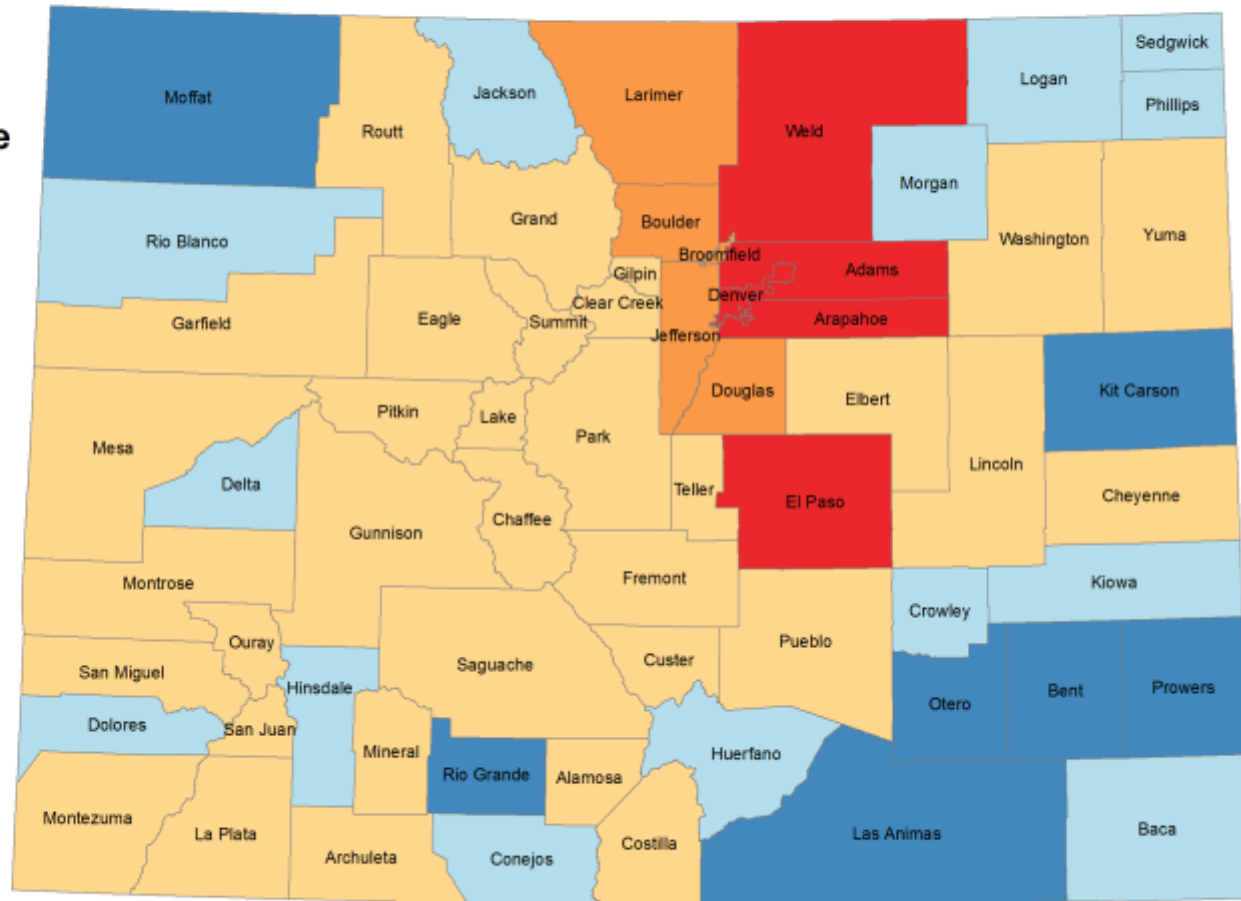
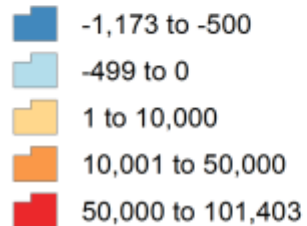
Big Picture - 2016-2017 Pop Change

- US - 325.7 million, + 2.3 million or .7%
- Colorado - 5,607,154
- Ranked 9th fastest 1.4% - ID, NV, UT, WA, FL
- 8th in total growth 77,049 - TX, FL, CA, WA, NC, GA, AZ
- Range in Colorado
 - +12,000
 - -470



Colorado: Total Population Change 2010 - 2017

Population Change

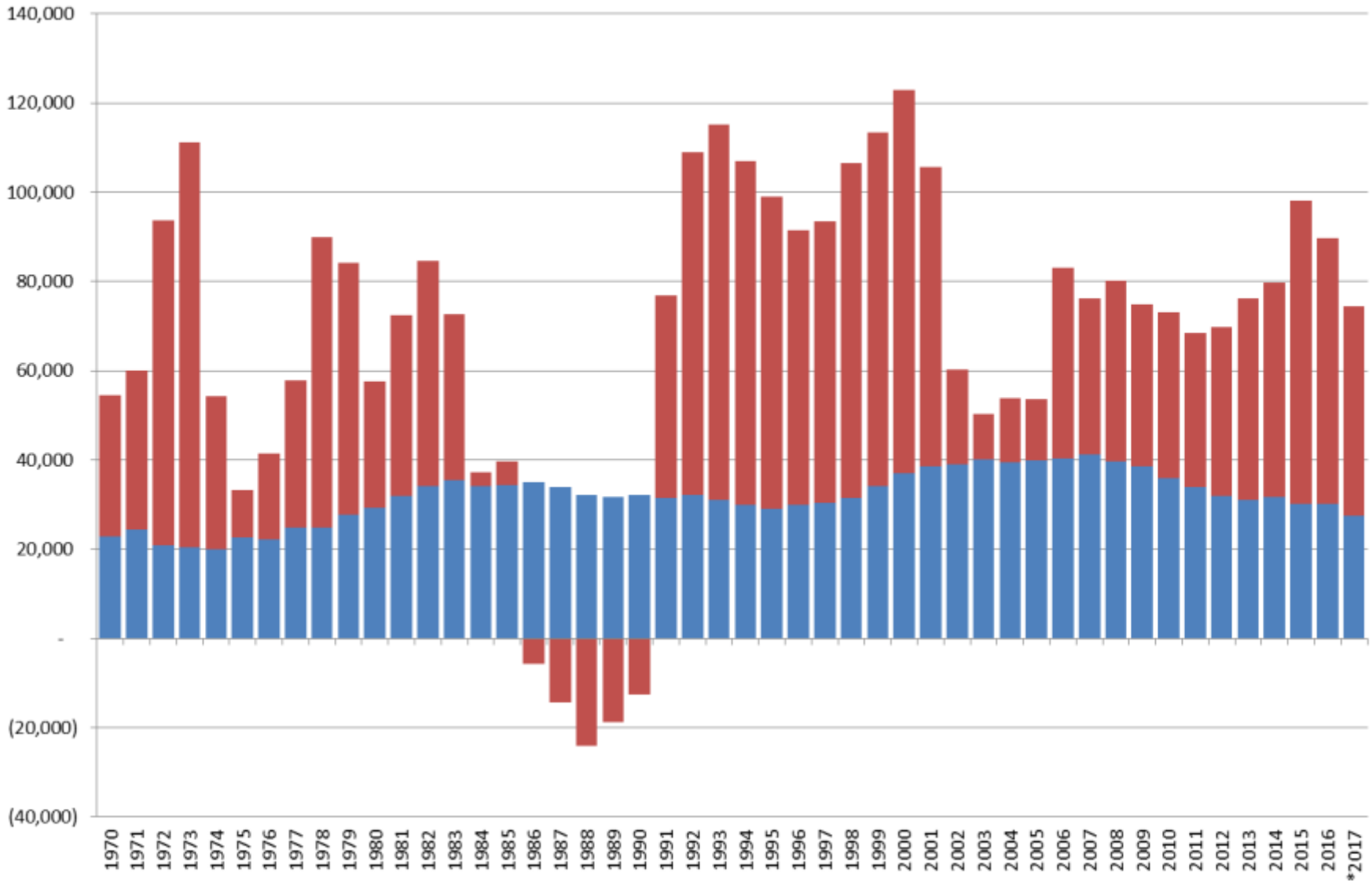


Colorado State Demography Office, 03/22/2018



Components of Population Change 1970-2017

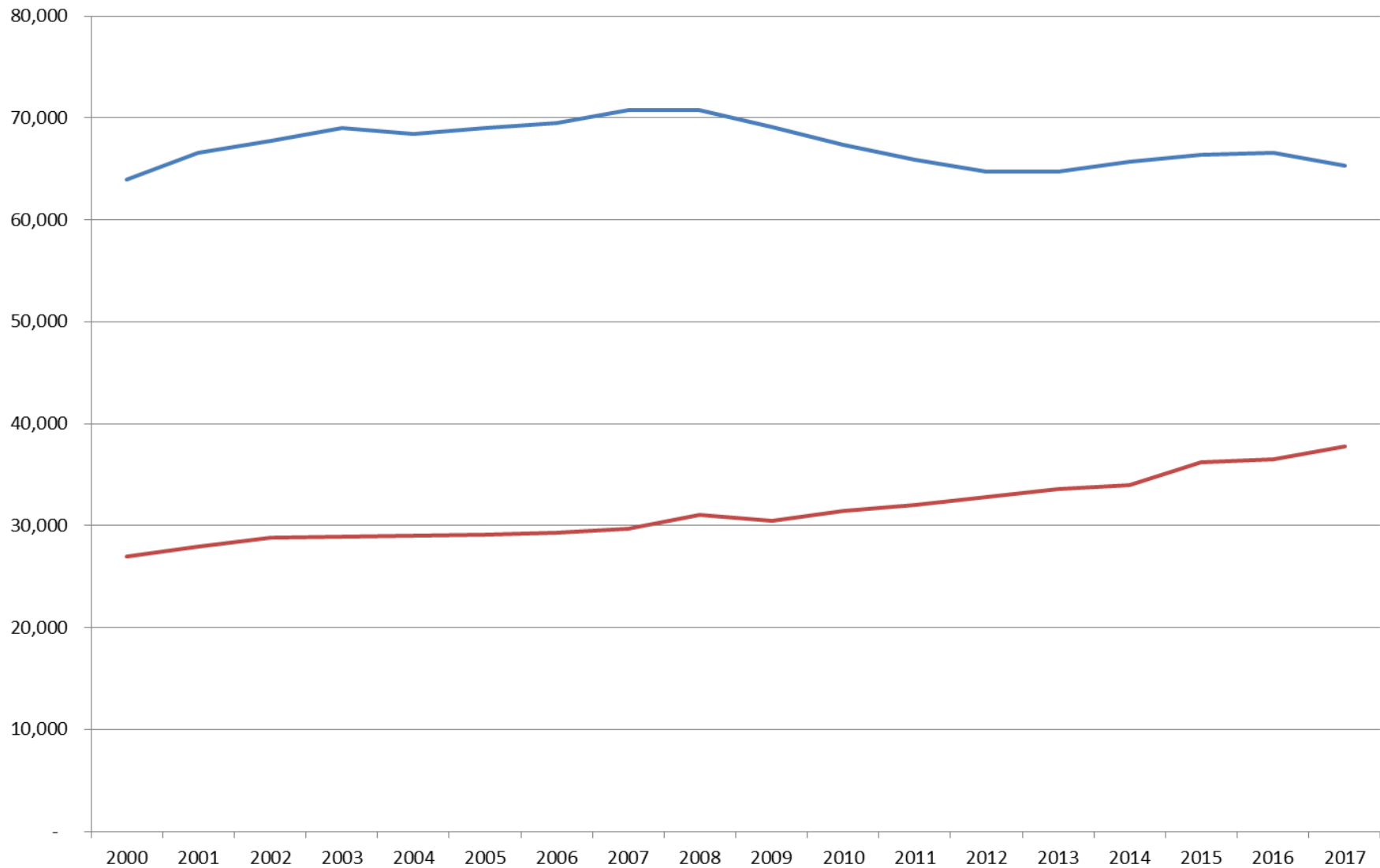
■ Natural Increase ■ Net Migration





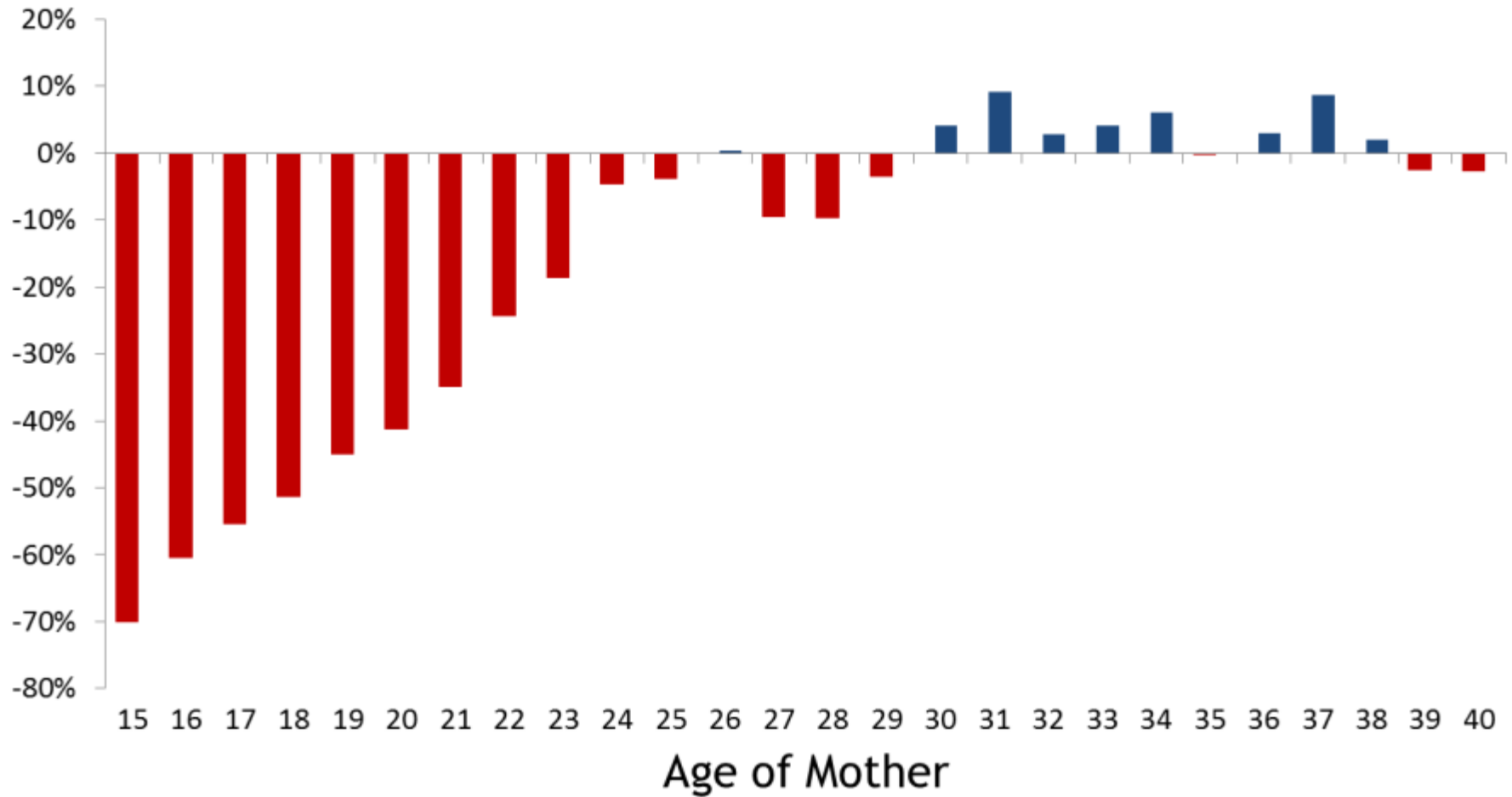
Colorado Births and Deaths

— Births — Deaths





PERCENT CHANGE IN BIRTH RATE BY AGE 2009-15

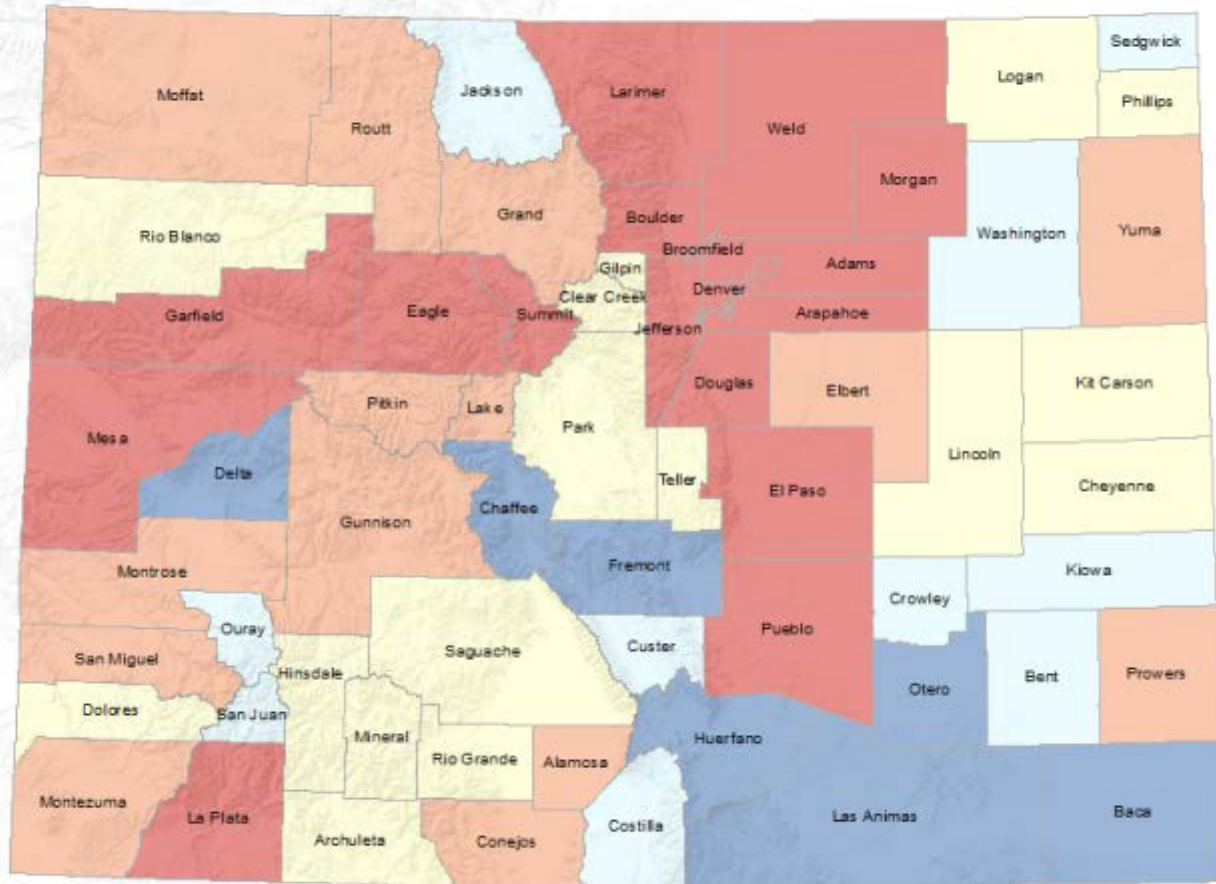


Colorado: Natural Increase 2010 - 2016

Natural Increase

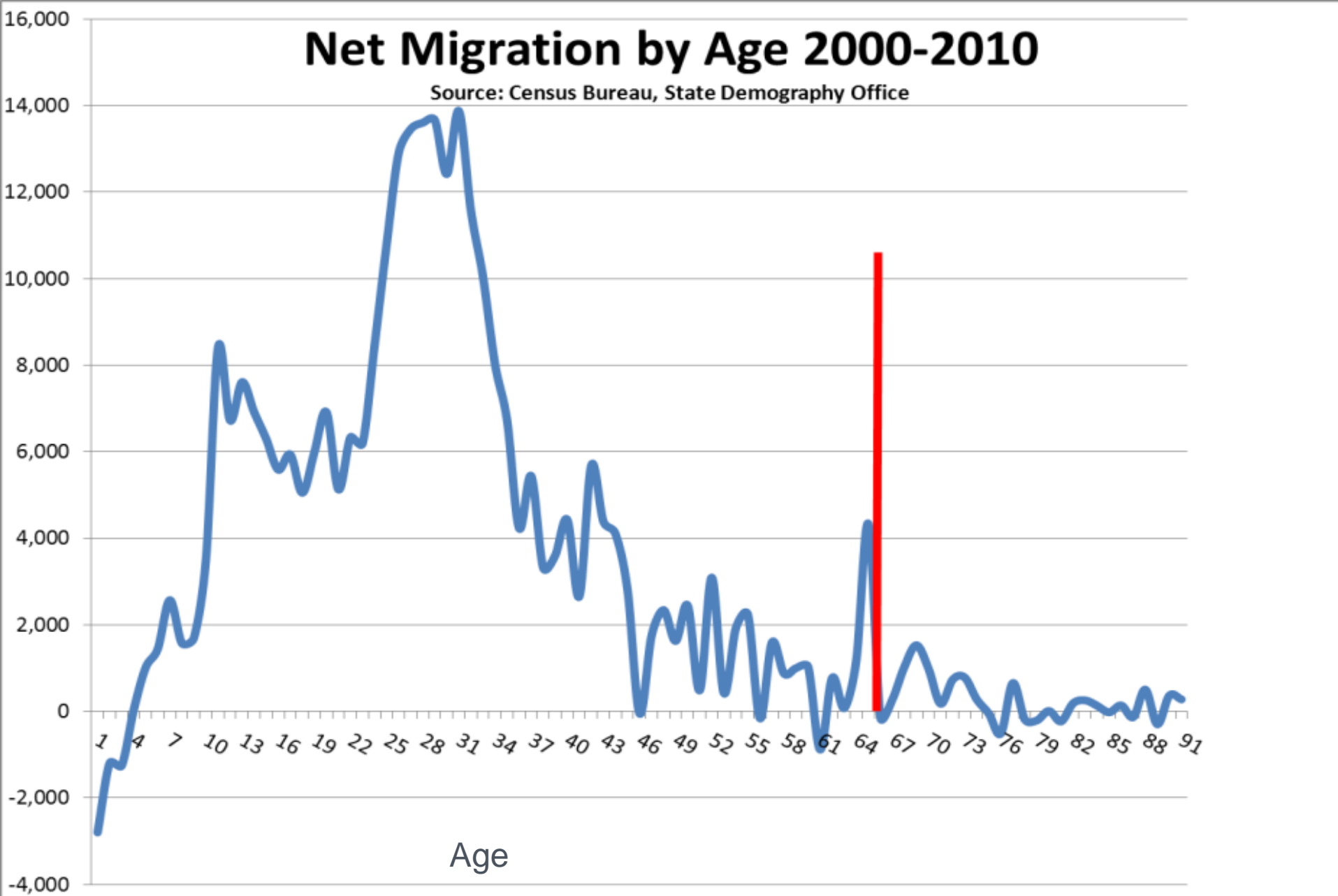
2010 to 2016

- Loss: > 100
- Loss: 0 to 100
- Gain: 1 to 200
- Gain: 201 to 1,000
- Gain: > 1,000

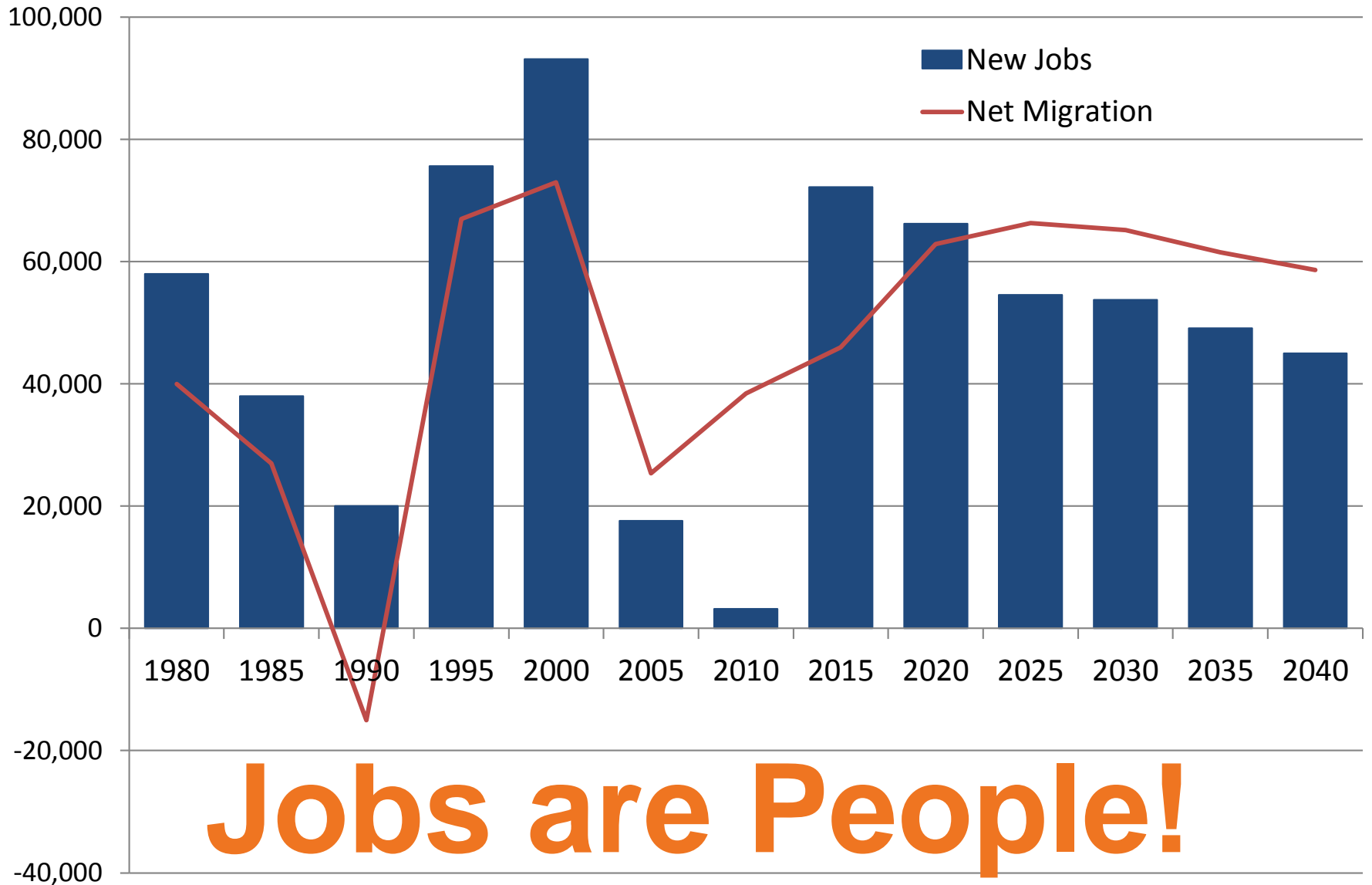


Net Migration by Age 2000-2010

Source: Census Bureau, State Demography Office



Colorado New Jobs and Net Migration

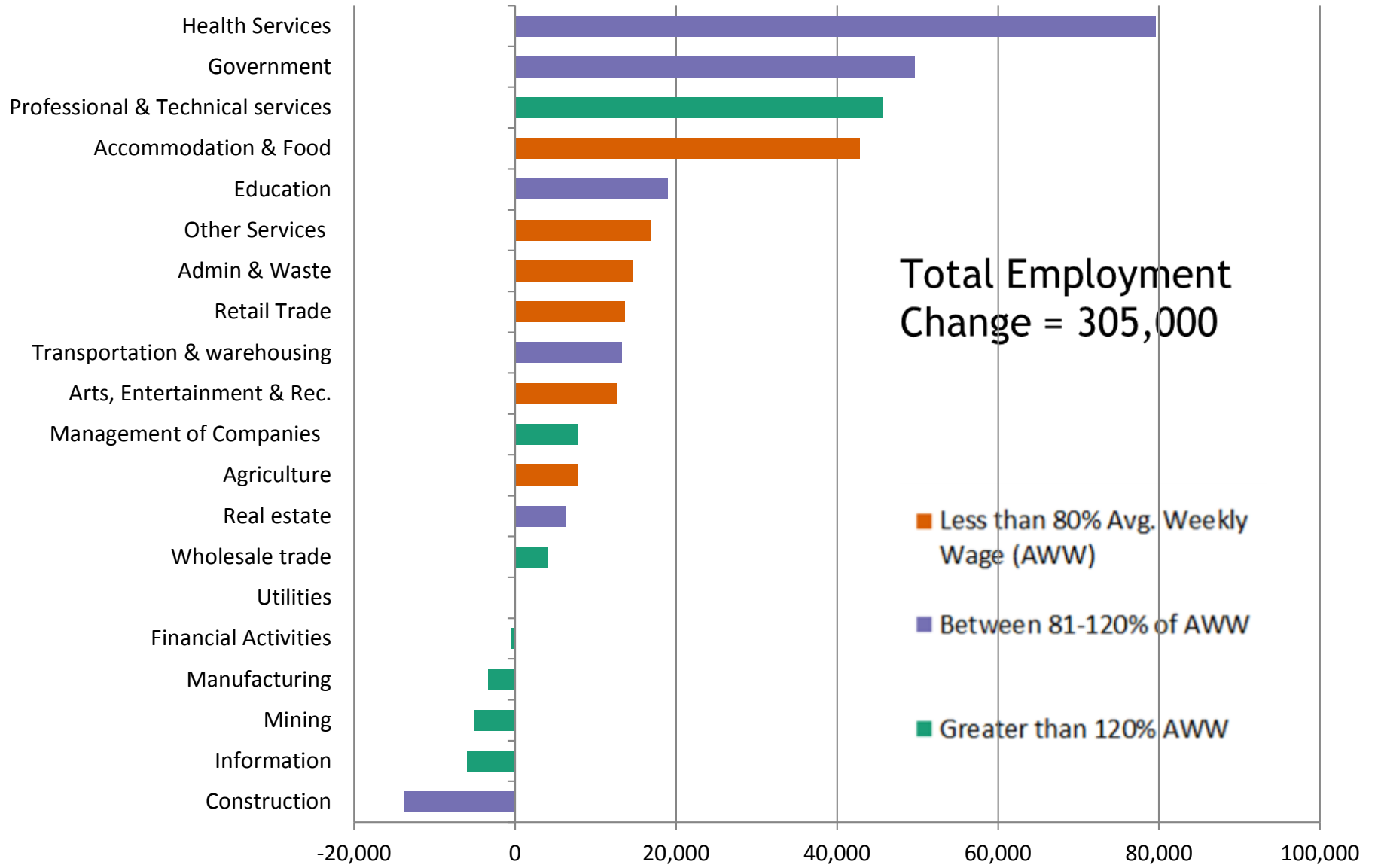


Source: State Demography Office



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Employment Change by Sector 2016 vs. Pre-recession Peak



AGE MATTERS

Why?

Preferences

Housing

Income

Service Demands

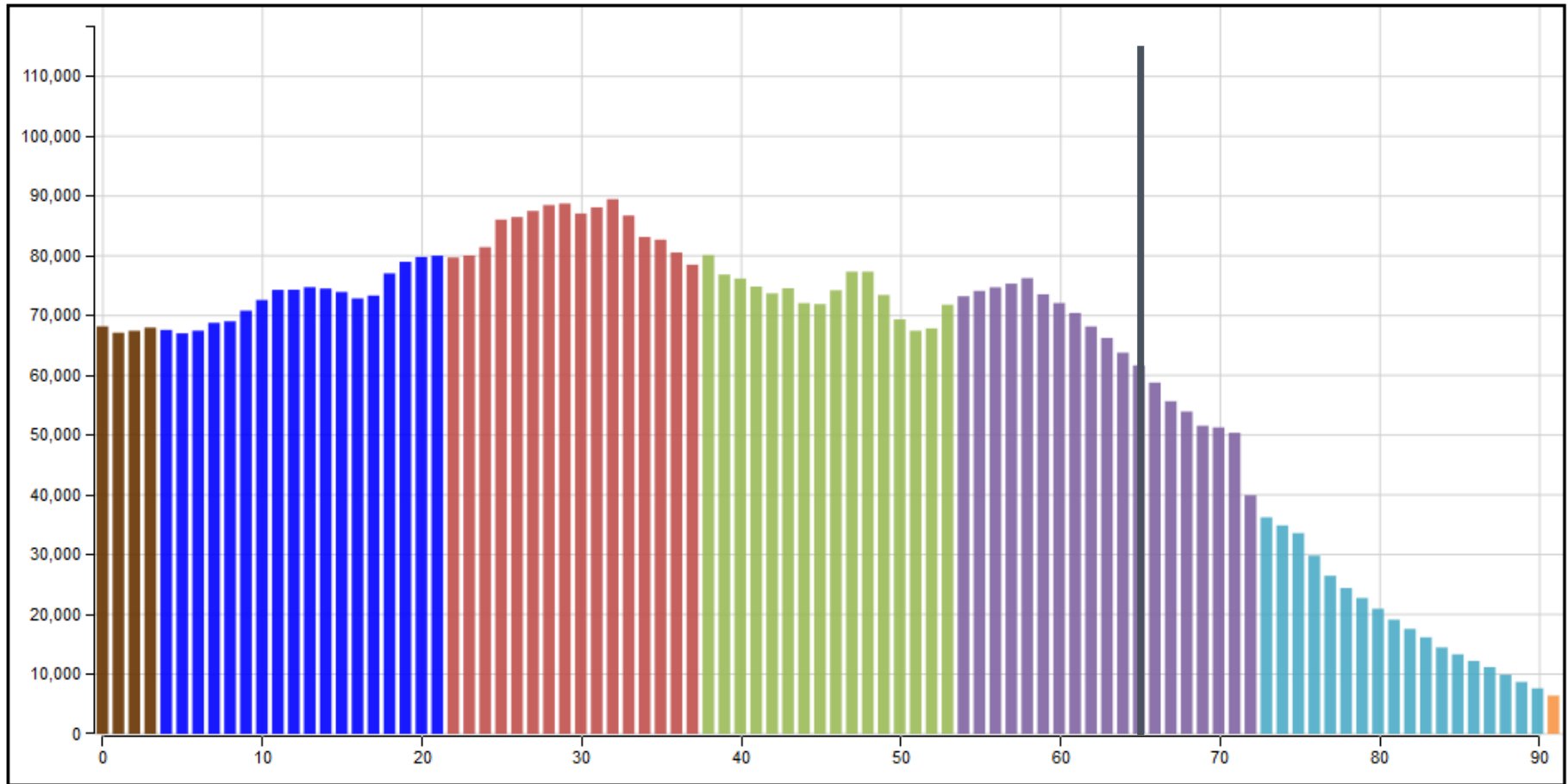
Labor Force

Colorado ▼ 2018 ▼
Download Image

Animate
Download Video

Colorado

2018

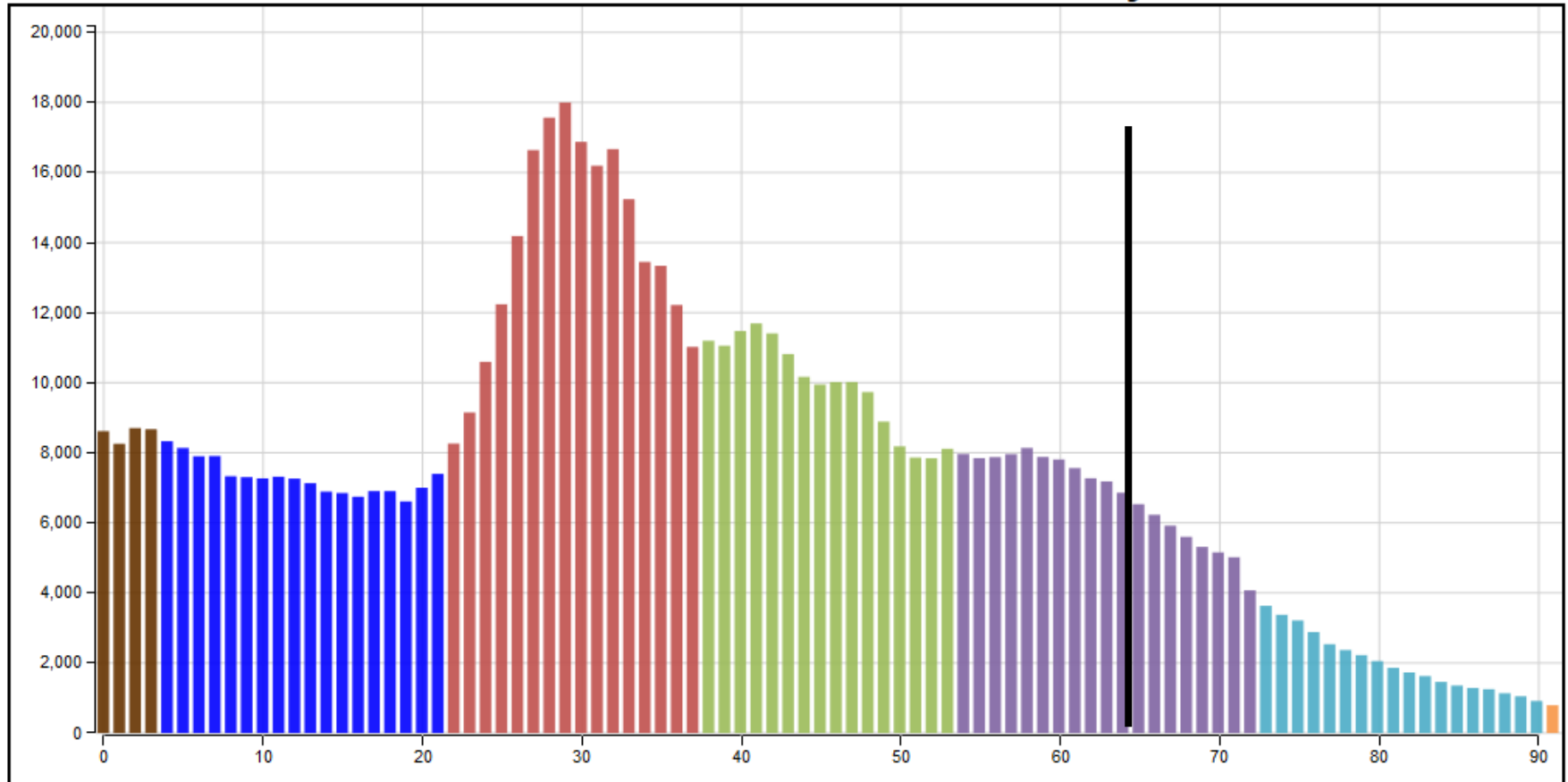


- Post Millennials (1997 - 2014)
- Millennials (1981 - 1996)
- Generation X (1965 - 1980)
- Baby Boomers (1946 - 1964)
- Silent Generation (1928 - 1945)
- Greatest Generation (- 1927)
- Future Generations (2030 -)
- Next Generation (2015 - 2029)



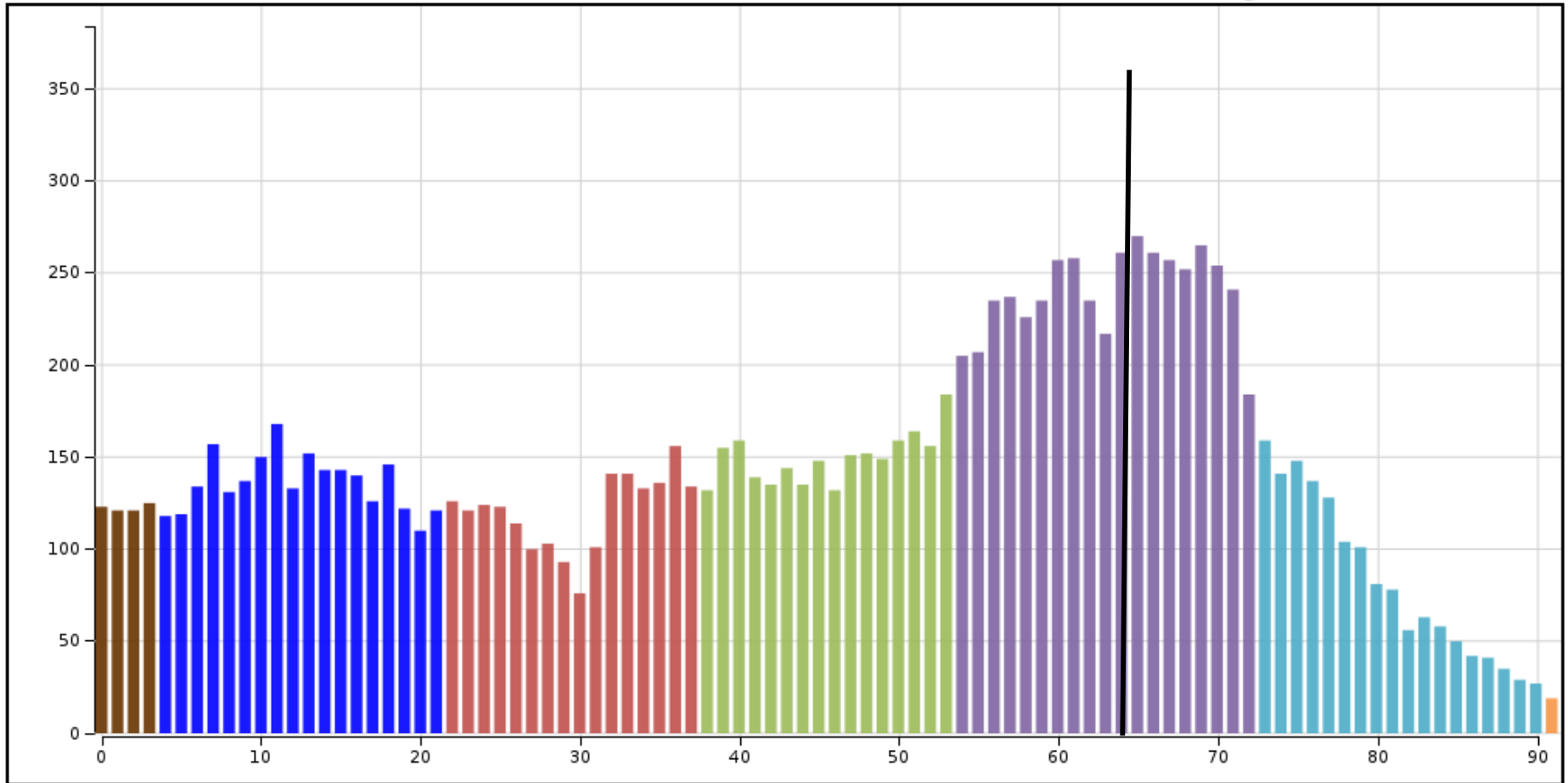
Denver County

2018



- Post Millennials (1997 - 2014)
- Millennials (1981 - 1996)
- Generation X (1965 - 1980)
- Baby Boomers (1946 - 1964)
- Silent Generation (1928 - 1945)
- Greatest Generation (- 1927)
- Future Generations (2030 -)
- Next Generation (2015 - 2029)

Archuleta County 2018



- Post Millennials (1997 - 2014)
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- Silent Generation (1928 - 1945)
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- Future Generations
- Next Generation



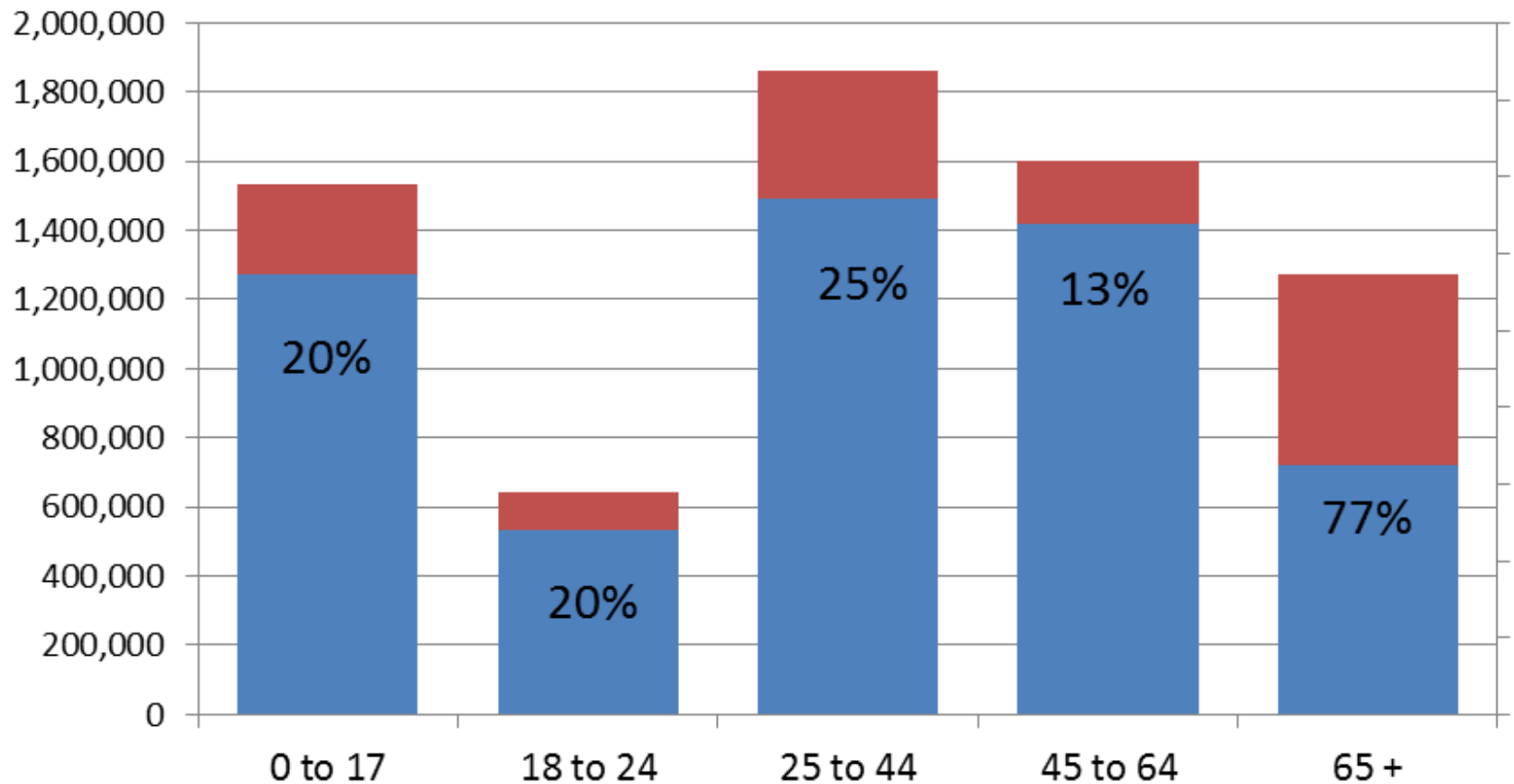
Aging Issues

- Numbers - 2015-30 increase 65+ 72% from 711,000 to 1,200,000
- **Economic Driver**
 - Impact on occupational mix. Growing at 6% per year
- **Labor Force**
- **Housing - primarily home owners**
- **Income - Downward Pressure**
- **Health**
- **Disabilities**
- **Transportation**
- **Public Finance - Downward Pressure**



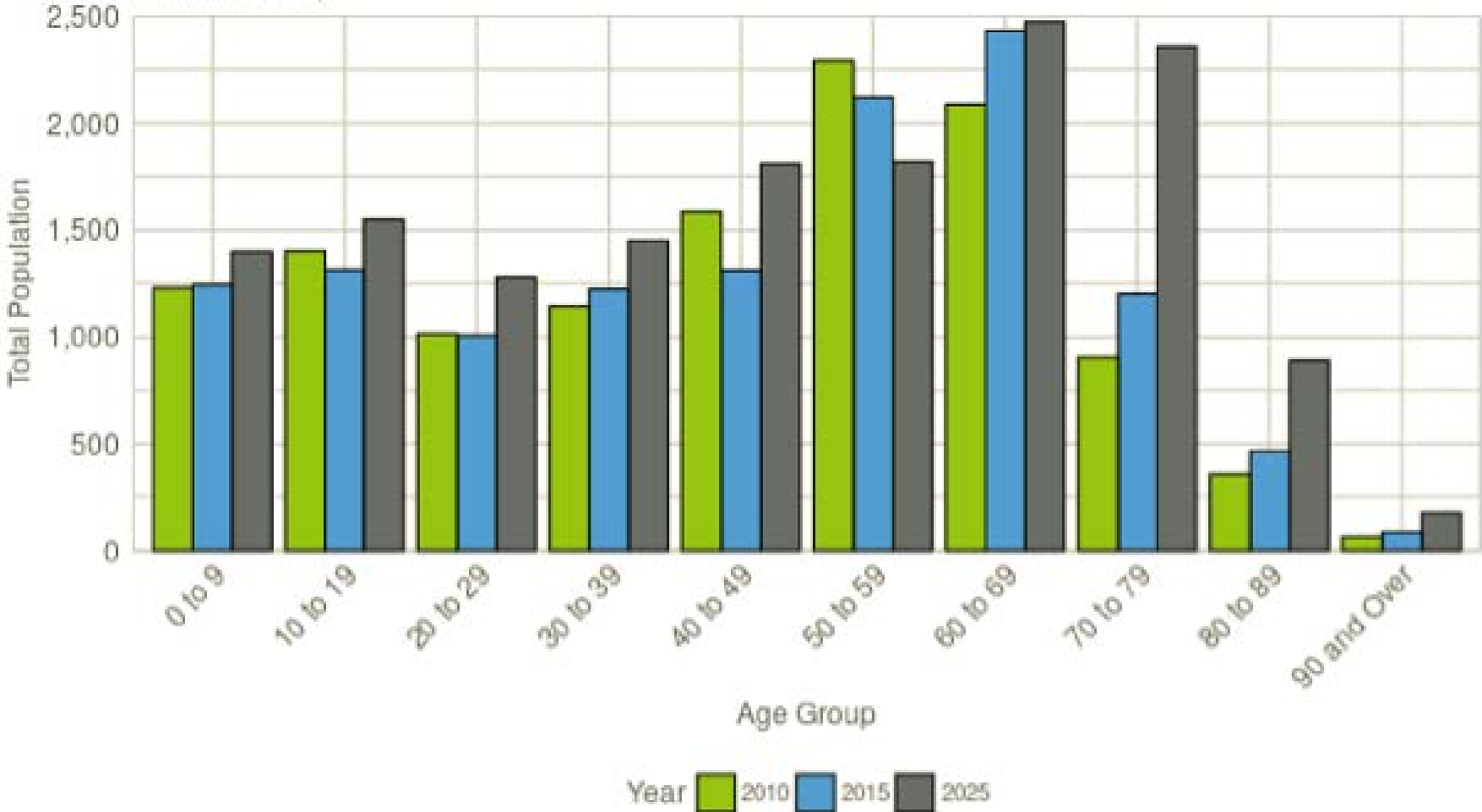
Colorado Population by Age and % Change

■ 2015 ■ 2030



Age Forecast: 2010 to 2025

Archuleta County



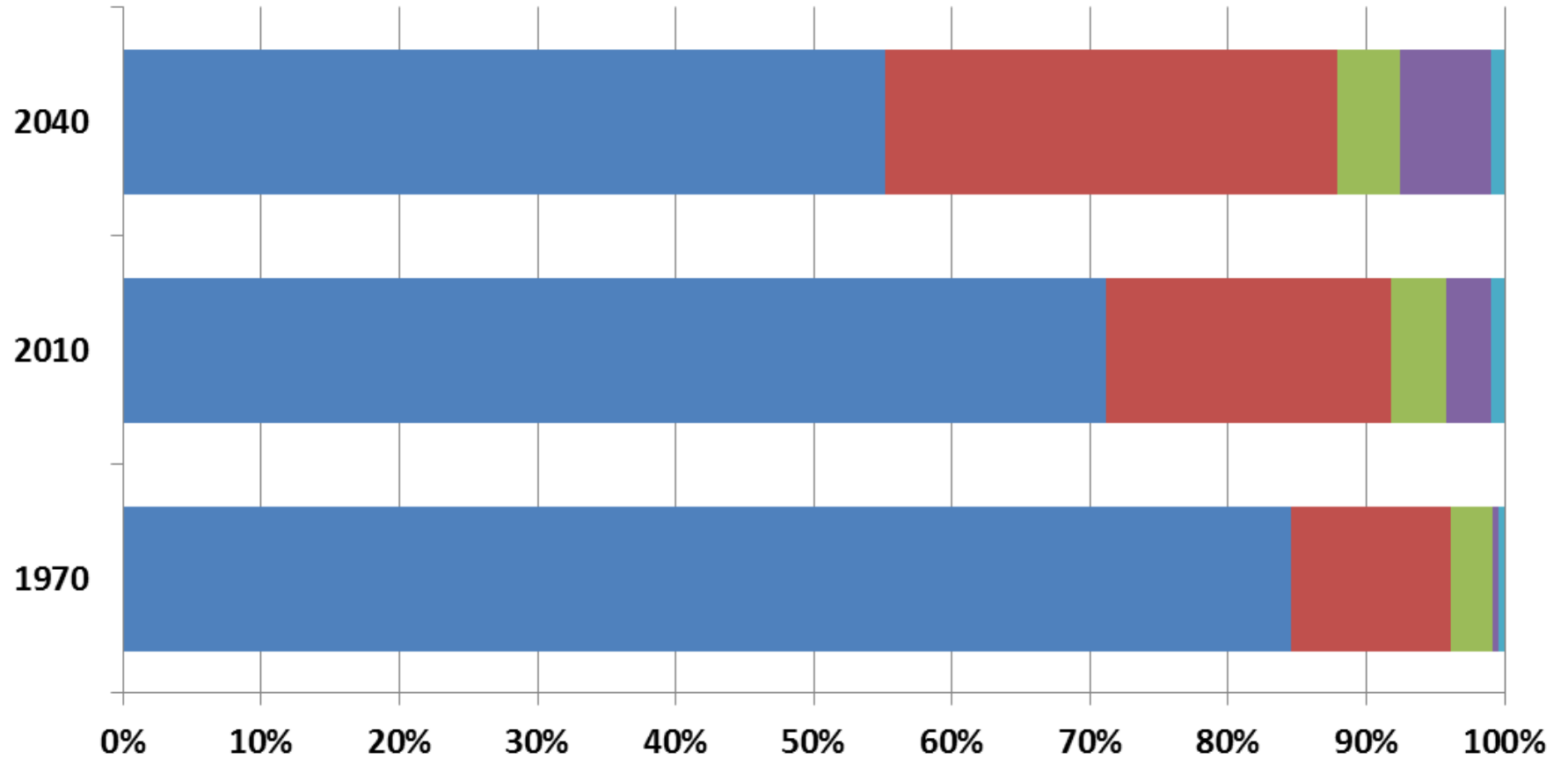
Source: State Demography Office , Print Date: 05/04/2018



Ethnicity/Race increasing

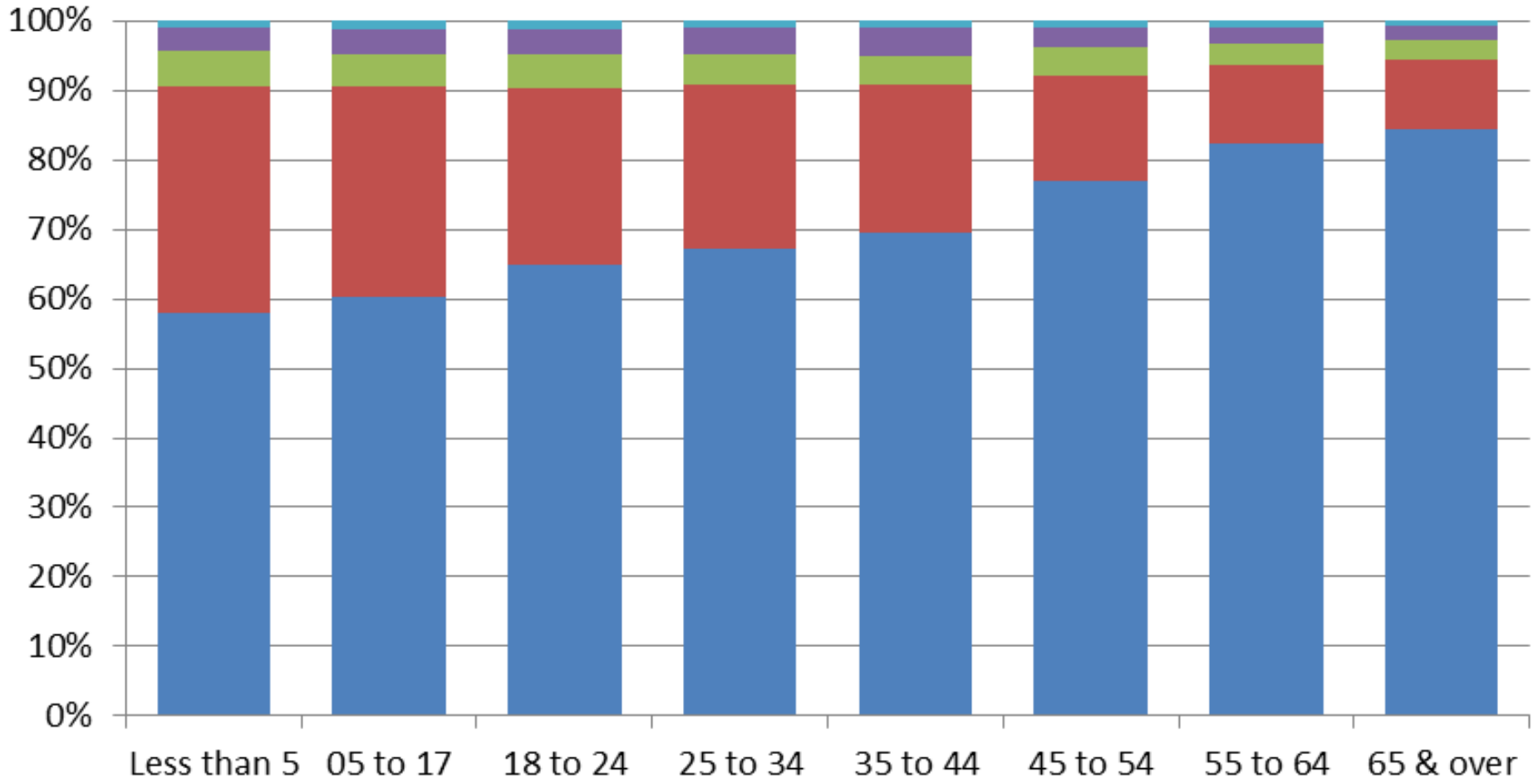
Colorado Population by Race/Ethnicity

■ White not Hispanic ■ Hispanic ■ Black ■ Asian ■ American Indian



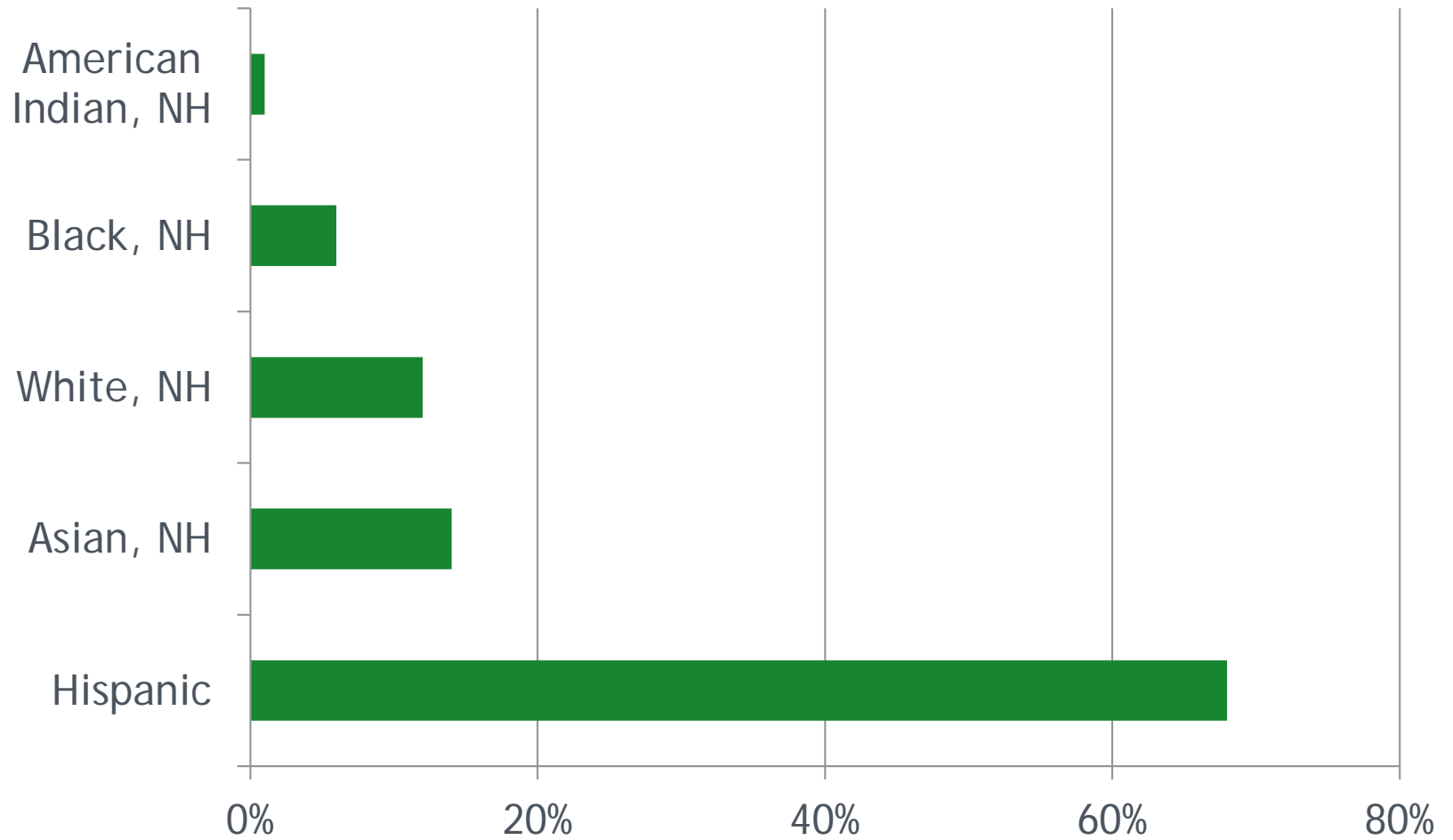
2010 Colorado Population by Race/Ethnicity and Age

WhiteNonHispanic Hispanic BlackNonHispanic
AsianNonHispanic AmIndNonHispanic





Share of Net Increase in Working Age Population, 2015-2020





Educational Attainment Gap

- Colorado has 2nd/3rd highest educational attainment gap in nation between White - non Hispanic and Hispanic - 30 points
 - 1. Washington D.C. - 51
 - 2. California - 31
 - 3. Colorado - 30
 - 4. Hawaii - 28
 - 5. Massachusetts - 28

 - 16 - Arizona - 23
 - 17 - Utah - 22
 - 18 - Washington - 21
- Influenced by being one of the highest attainments in US by White-non Hispanics (46%) but Colorado is 24th in attainment by Hispanics (16%)



Population by Race/Ethnicity

Race Category	Percentage: Pagosa Springs	MOE: Pagosa Springs	Percentage: Archuleta County	MOE: Archuleta County	Significant Difference?
Hispanic	34%	10%	19%	0%	Yes
Non-Hispanic	66%	12%	82%	0%	Yes
Non-Hispanic White	64%	11%	77%	0%	Yes
Non-Hispanic Black	1%	1%	1%	1%	No
Non-Hispanic Asian	0%	1%	1%	0%	No
Non-Hispanic Native American/Alaska Native	0%	1%	2%	1%	Yes
Non-Hispanic Native Hawaiian/Pacific Islander	0%	1%	0%	0%	No
Non-Hispanic Other	1%	1%	0%	0%	No
Non-Hispanic, Two Races	0%	1%	1%	1%	No
Total Population	100%	17%	100%	0%	No



Income -
Downward Pressure

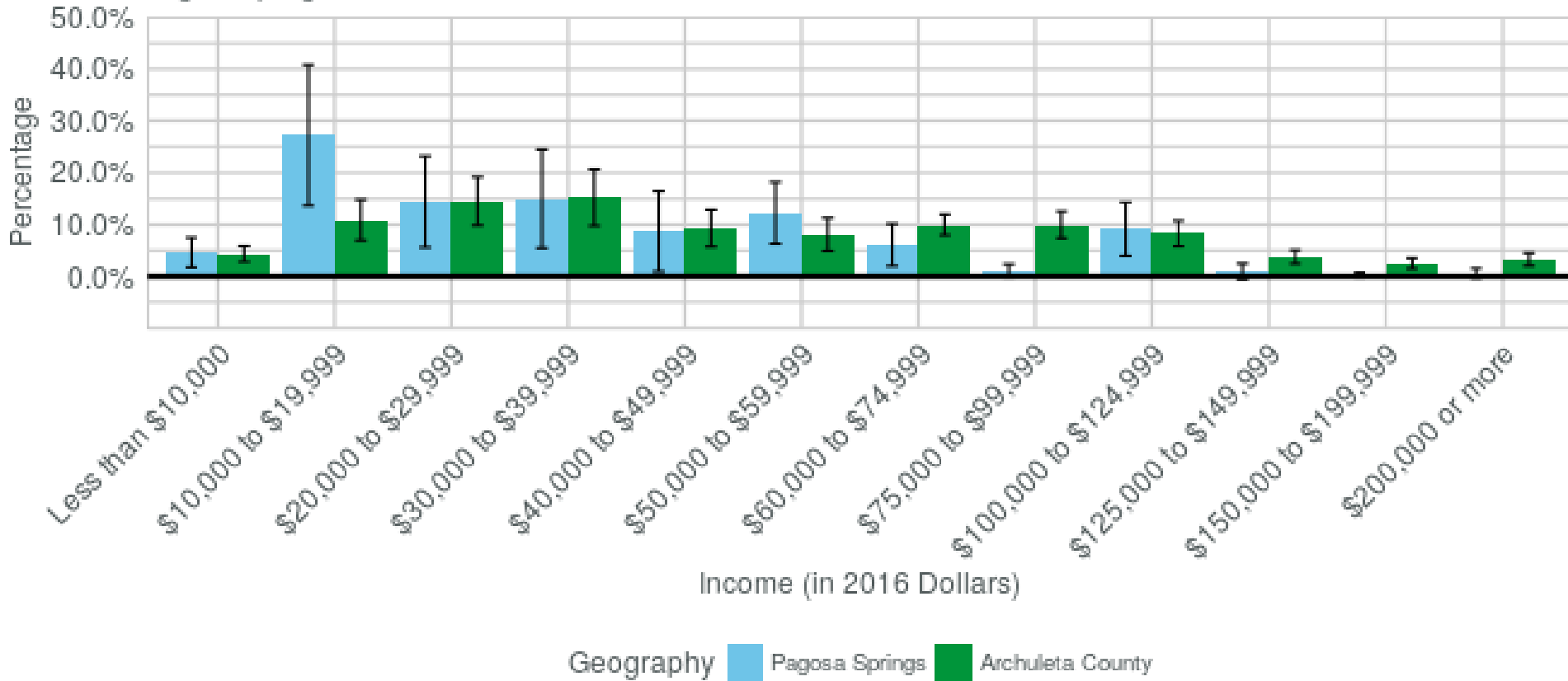
Household Income....its future is demographically challenged.

- Age distributions – End of “Demographic Dividend”
- Occupational Mix – high and low service
- More race/ethnicity diverse especially at young end but achievement gap is growing as well.
- Household type and size – single and smaller.
- Young adult un/under employment, low participation, delaying home ownership - Long term permanent impacts on earnings and income



Household Income Distribution

Pagosa Springs



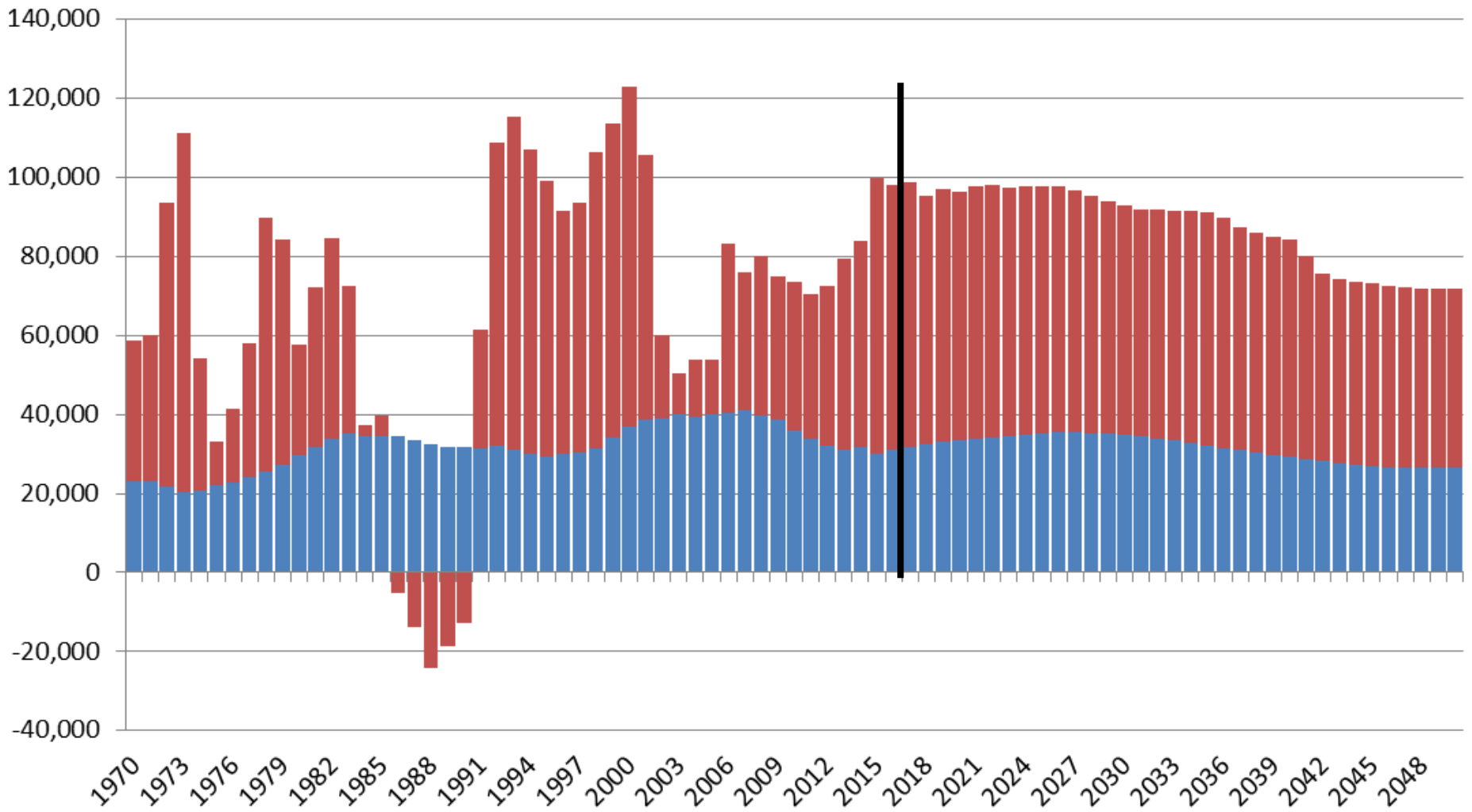
Source: U.S. Census Bureau, 2012-2016 American Community Survey. , Print Date: 05/06/2018



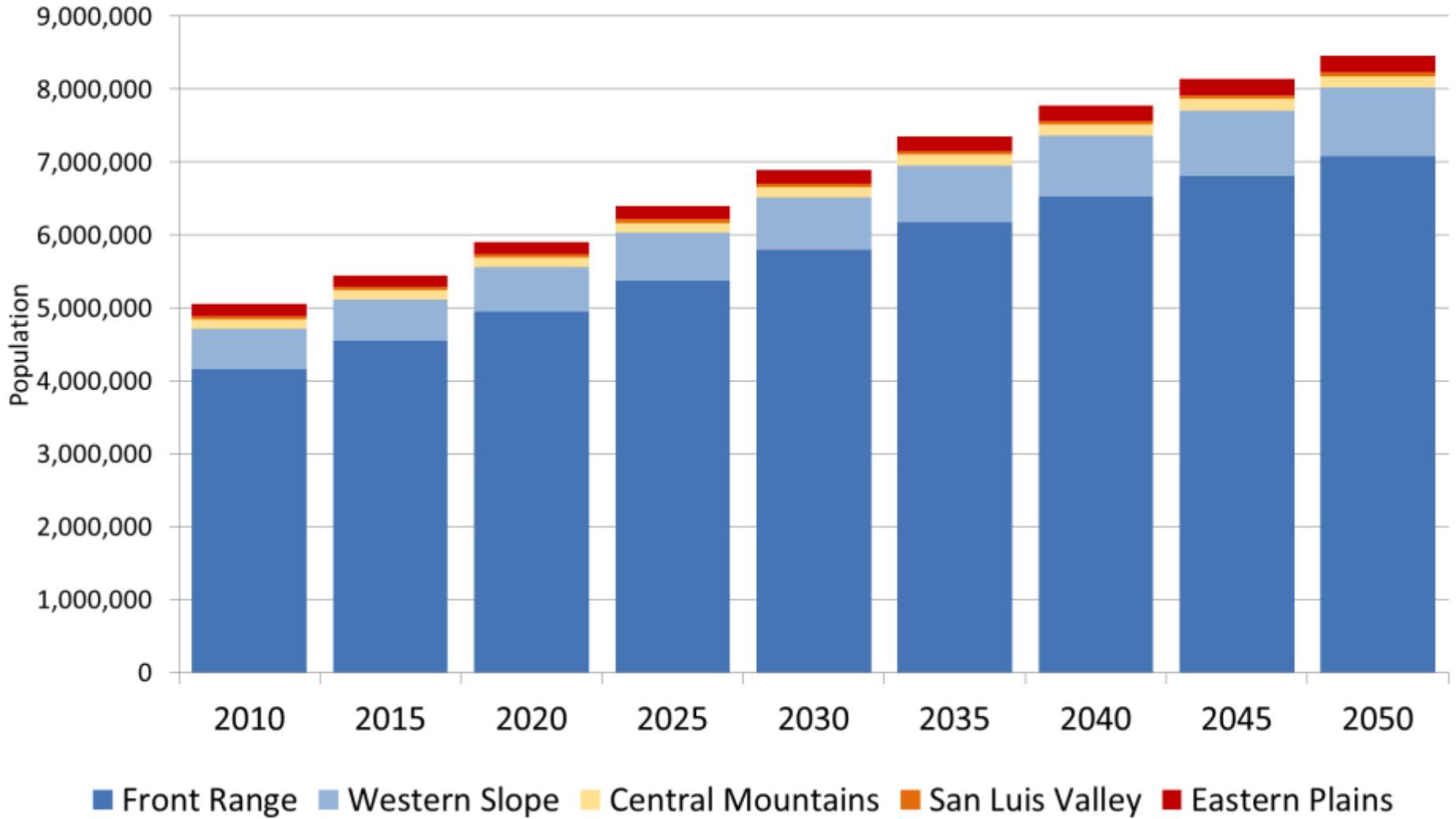
More Growth but
Slowing

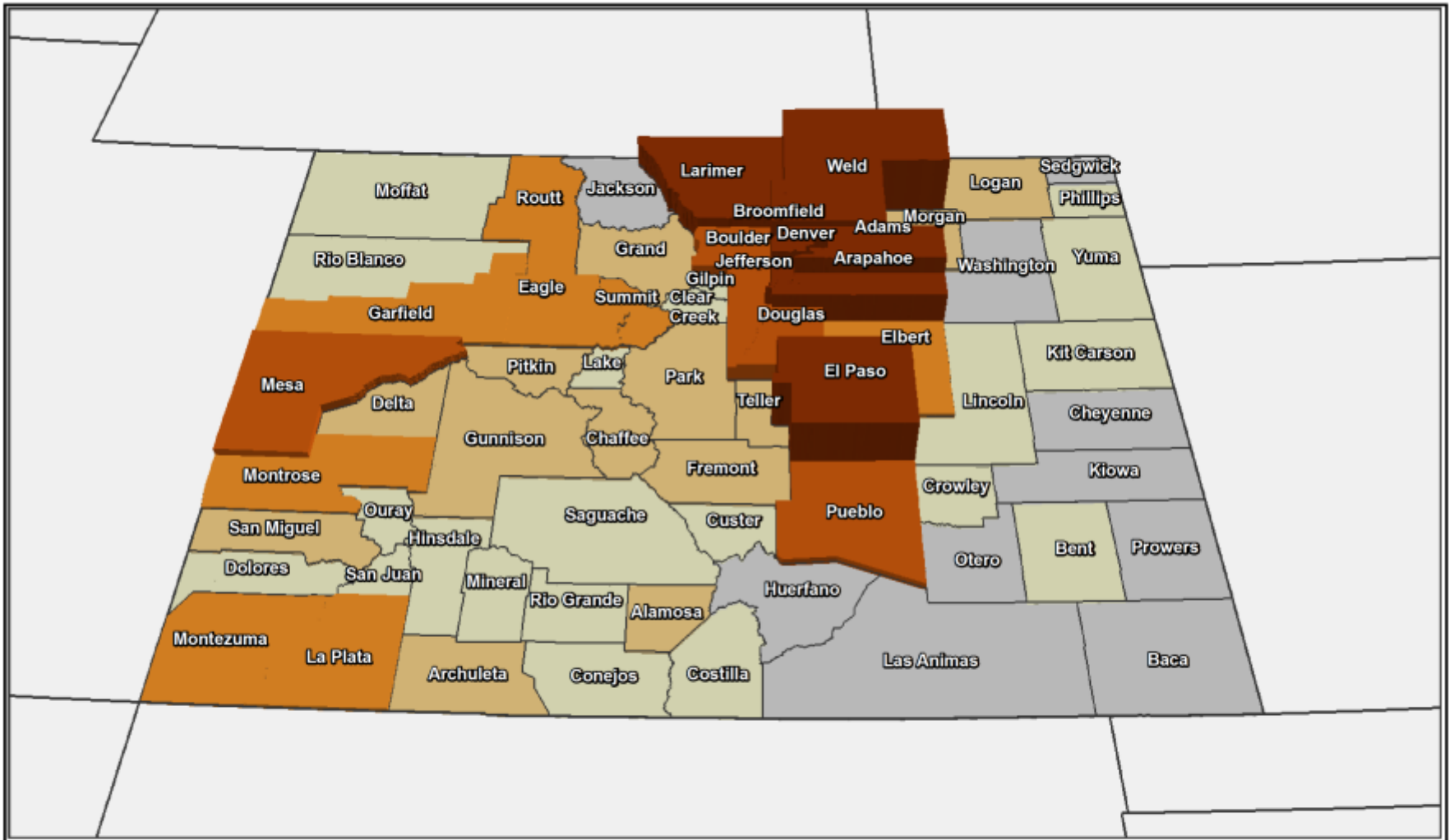
Colorado Population Change 1970-2050

■ Natural Increase (Births - Deaths) ■ Net Migration

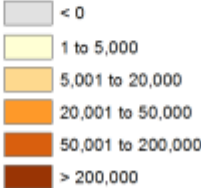


Colorado Population Forecast by Region 2010-2050





Projected Population Change 2015 to 2050



Colorado State Demography Office, 11/3/2017



2016 American Community Survey

Median home value (\$)

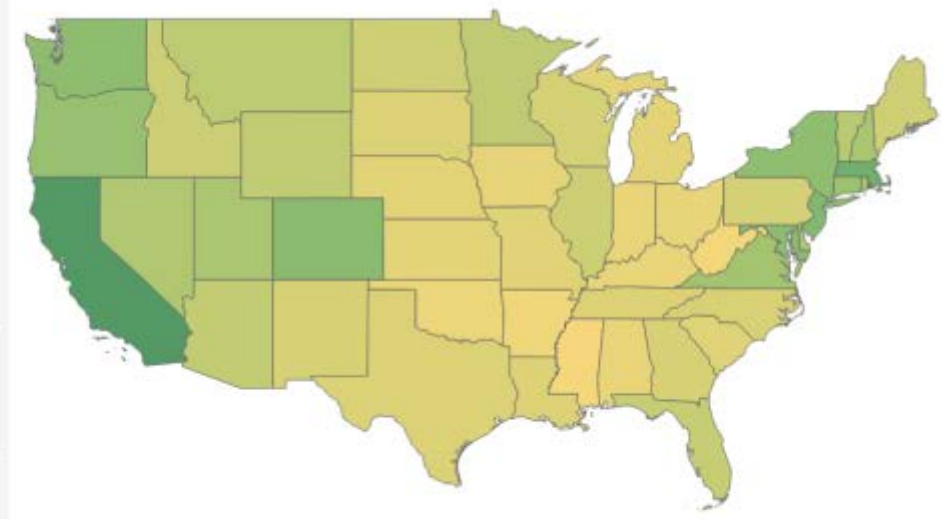
Select one of the characteristics below to display.

Characteristics

- Total population
- Median age
- Median home value (\$)
- Median household income (\$)
- Below poverty (%)
- Foreign born (%)
- High school graduate or higher (%)
- Without health insurance (%)
- Households with a broadband Internet subscription (%)

Sortable State List

Hawaii	592,000
District of Columbia	576,100
California	477,500
Massachusetts	366,900
New Jersey	328,200
Colorado	314,200
Maryland	306,900
Washington	306,400
New York	302,400
Oregon	287,100
Connecticut	274,600
Alaska	267,800
Virginia	264,000
New Hampshire	251,100



Estimates are based on a sample survey and are subject to sampling variability and nonsampling error. 2016 American Community Survey 1-year estimates were used. For more information about these data or Puerto Rico estimates, go to <https://www.census.gov/acs>



U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
[census.gov](https://www.census.gov)



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Risks (plus or minus)

- Housing - supply, price, 2nd worst change in affordability
- National Growth - Fertility, National Immigration Policy
- Water - climate
- Labor force - aging, prepared, participation, automation
- Infrastructure/Transportation
- Education - affordable, range of options,
- Aging - will we retain them, labor force, services, cost
- Industry changes - downturn, automation
- Natural disasters - climate, nationally



Summary Trends

- Disparity - growth, jobs, education, income - what is causing it and what can be done?
- Migration - how do we continue to attract and retain the best worker for the right job.
- Aging - labor force, jobs, income, housing, public finance
- Labor force - strategies to increase labor force participation
- Plan for changes in industries - amazon, climate, automation
- Increase race/ethnic diversity - education, labor force
- Downward pressure on household income - age, jobs, cost of education, home ownership
- Continued growth but slowing - What if Colorado grows by 3 million by 2050 - what if it doesn't.



Thank you

State Demography Office

Department of Local Affairs

Elizabeth Garner

Elizabeth.garner@state.co.us

303-864-7750

Demography.dola.colorado.gov



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