Growth Matters

Workforce Board Rural Resort Eagle, Garfield, Lake, Pitkin, Summit

State Demography Office
Colorado Department of Local Affairs
2018

https://demography.dola.colorado.gov/



Transitions to Watch

- Workforce is the balance between people and jobs
- Disparity growth, income, jobs, education.
- Migration attracting and retaining the right fit.
- Aging labor force, income, housing, jobs
- Changes to industries booms, downturns, automation, retail, manufacturing, construction.
- Increasing racial and ethnic diversity.
- Slowing income growth spending, industries, taxes
- 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
- Growth of 578,000 since 2010 and Ave. Annual Growth rate of 1.5%

Colorado: Total Population Change 2010 - 2017

Population Change

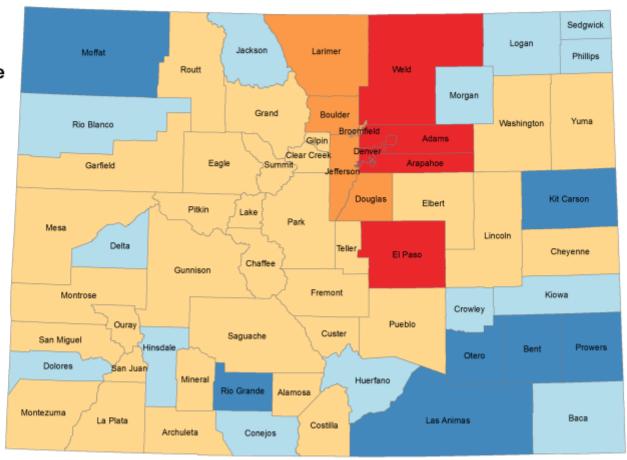
-1,173 to -500

-499 to 0

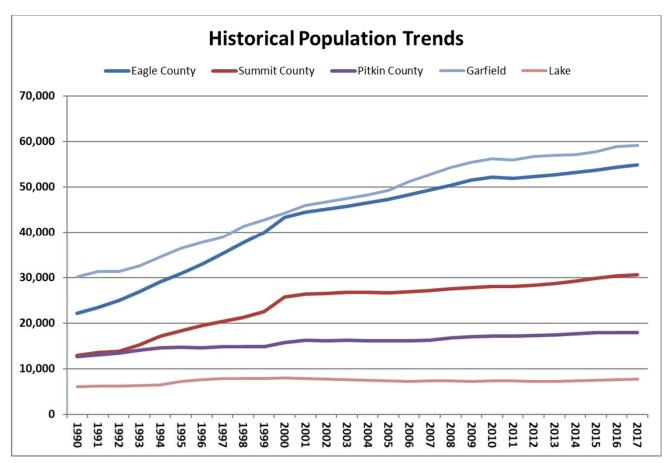
1 to 10,000

10,001 to 50,000

50,000 to 101,403

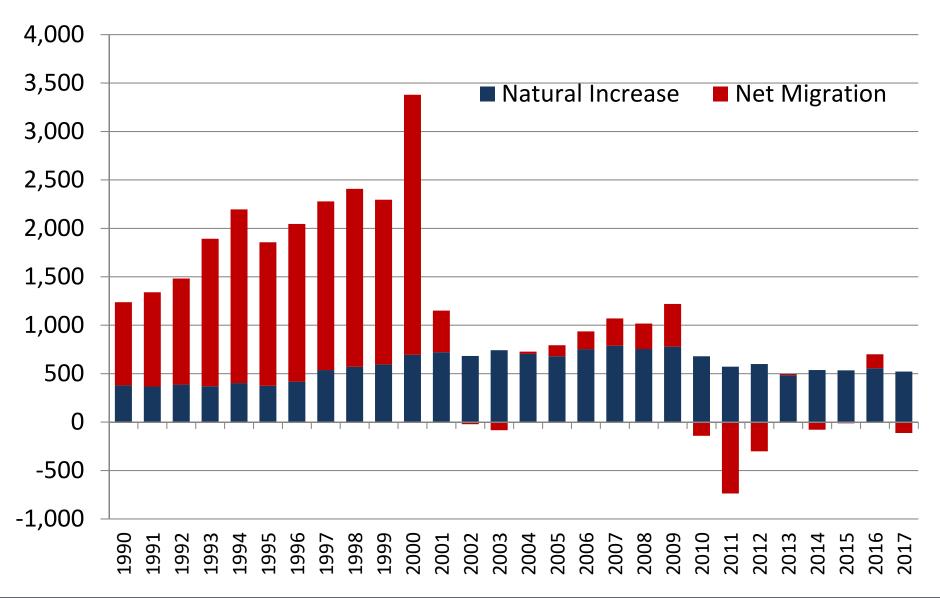


Colorado State Demography Office, 03/22/2018

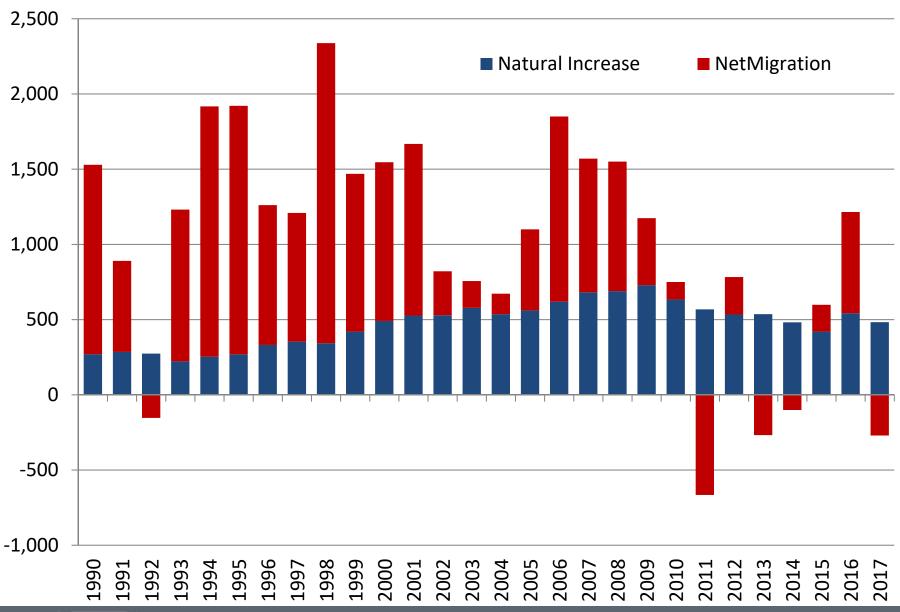


Recent Population	Trends									
									Ch. 2010-	Ann. Ave.
	2010	2011	2012	2013	2014	2015	2016	2017	17	Pct Ch
Eagle County	52,102	51,892	52,189	52,685	53,143	53,664	54,364	54,772	2,670	0.72%
Garfield	56,098	55,964	56,694	56,888	57,120	57,691	58,906	59,118	3,020	0.75%
Lake County	7,282	7,281	7,195	7,214	7,272	7,399	7,534	7,705	423	0.81%
Pitkin County	17,156	17,146	17,259	17,425	17,664	17,862	17,894	17,890	734	0.60%
Summit County	28,068	27,988	28,229	28,655	29,186	29,852	30,332	30,585	2,517	1.23%
Colorado									578,000	1.4%

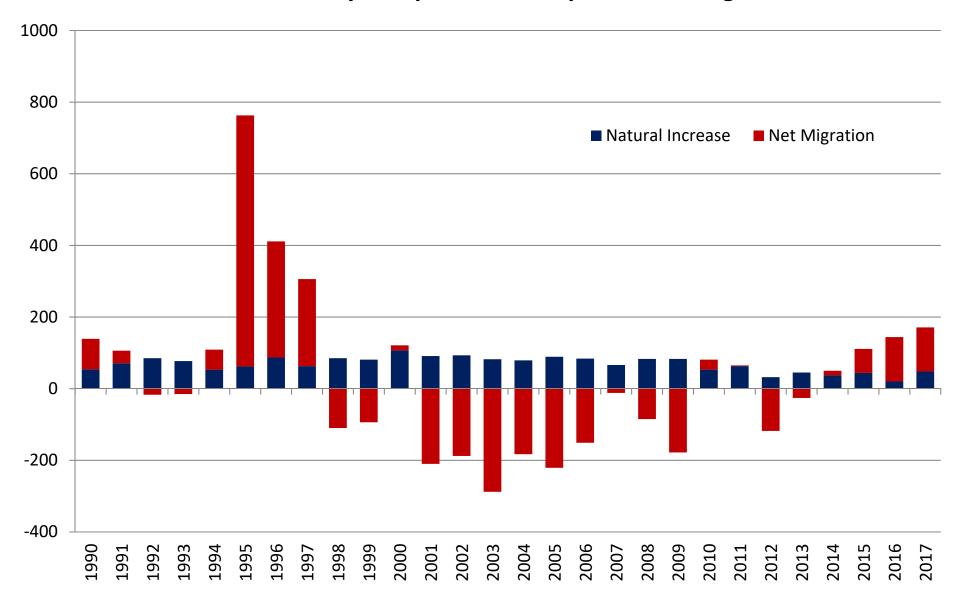
Eagle County Components of Population Change



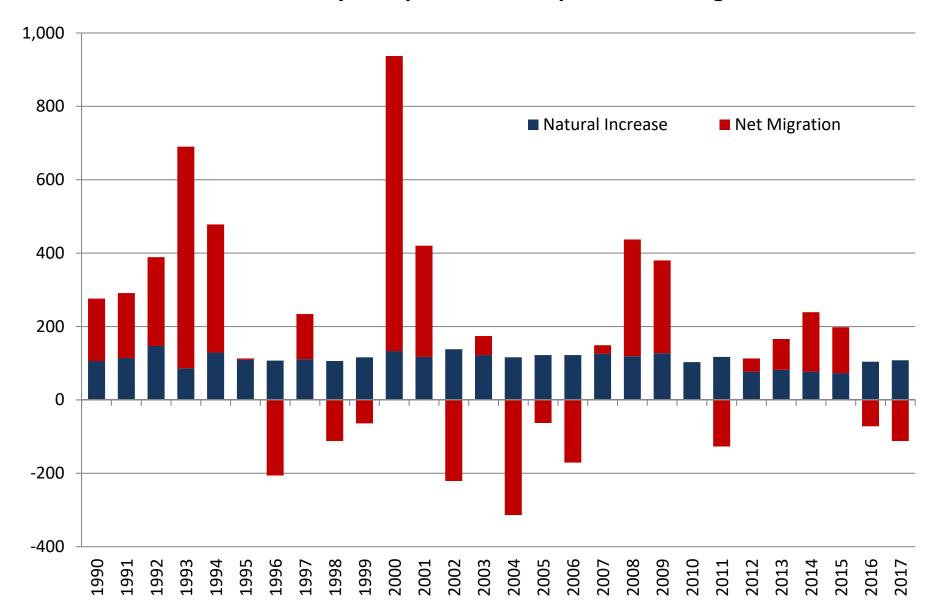
Garfield County Components of Population Change



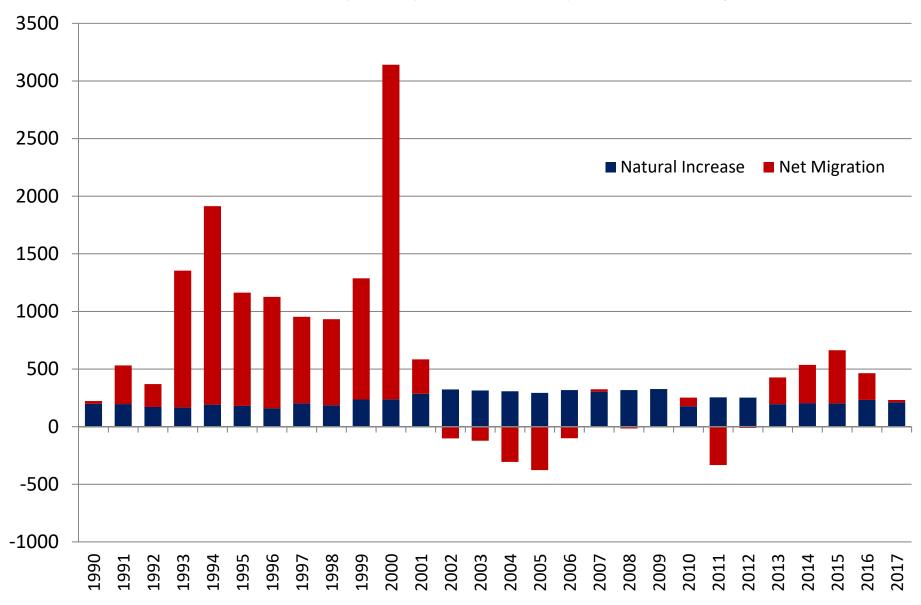
Lake County Components of Population Change

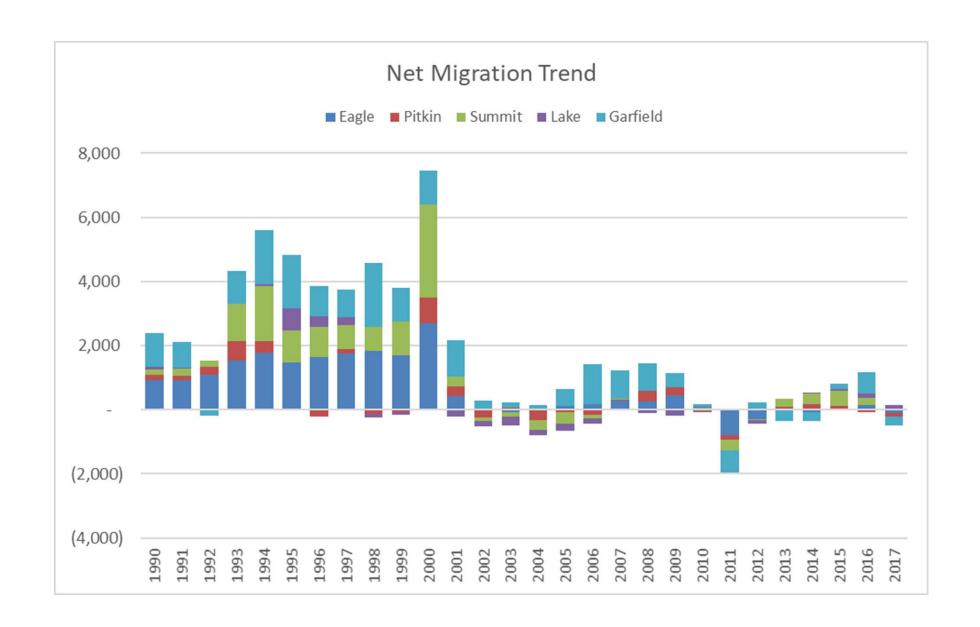


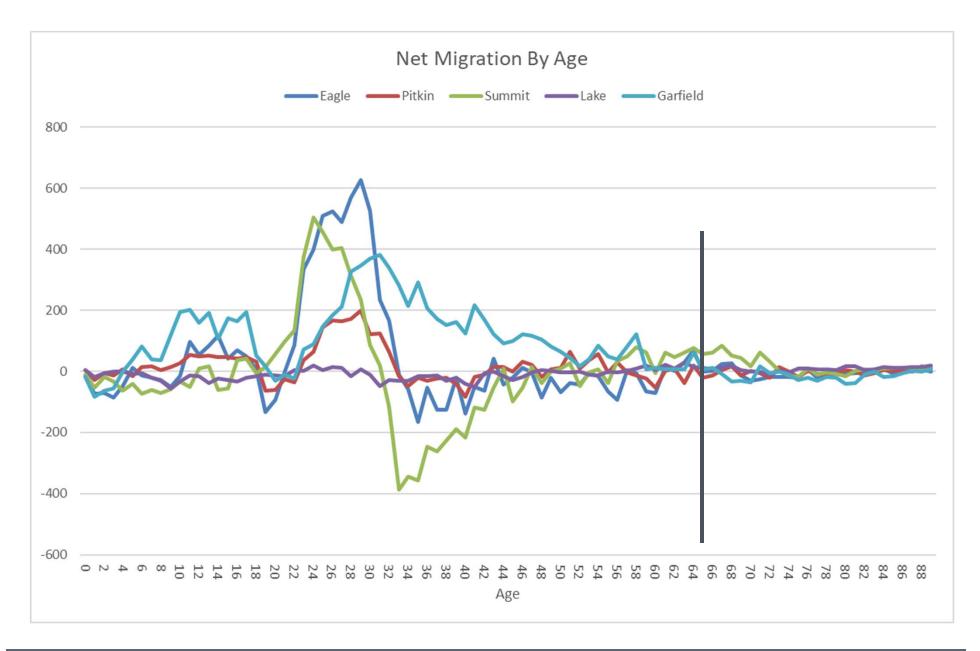
Pitkin County Components of Population Change



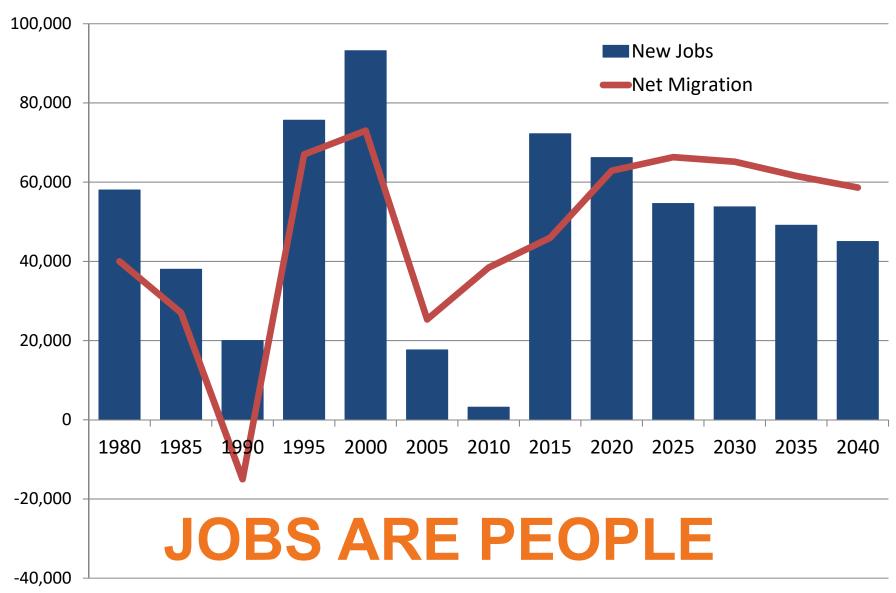
Summit County Components of Population Change







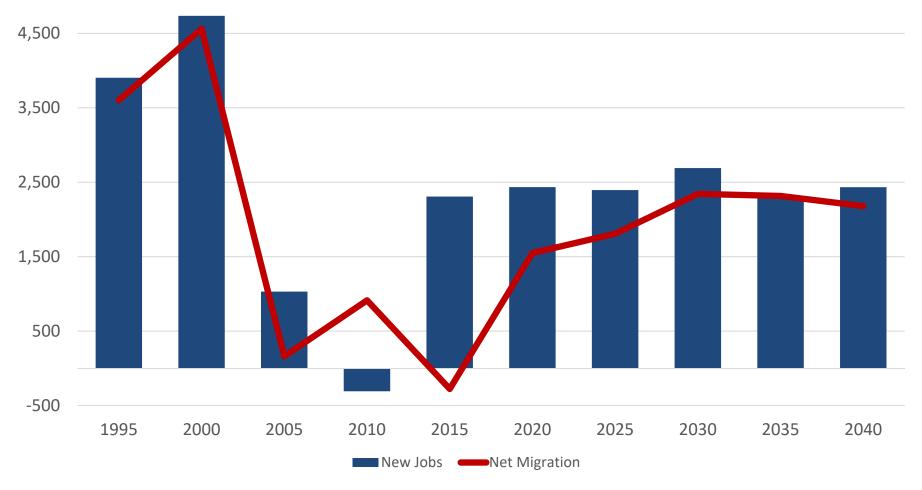
Colorado New Jobs and Net Migration



Source: State Demography Office



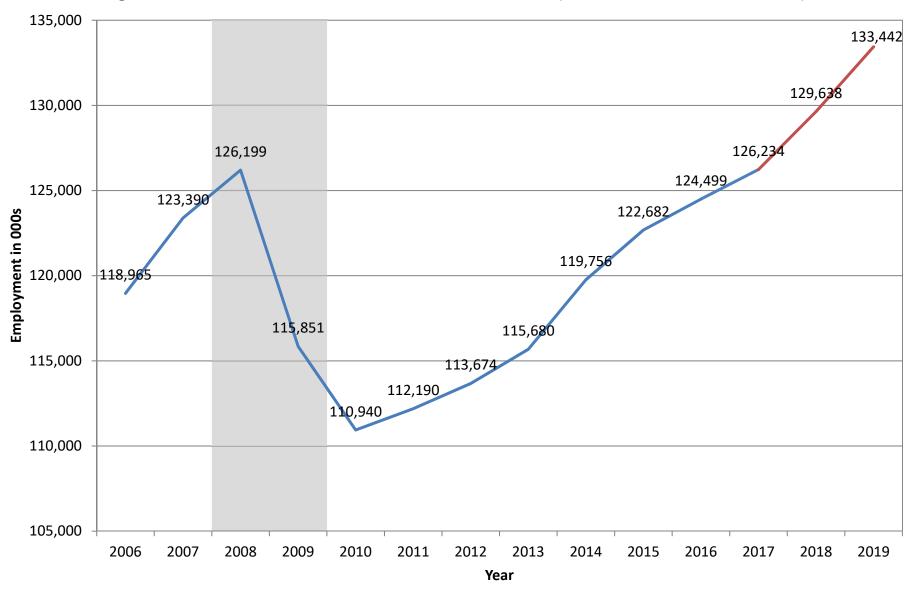
Rural Workforce (Eagle, Garfield, Lake, Pitkin & Summit) New Jobs & Net Migration



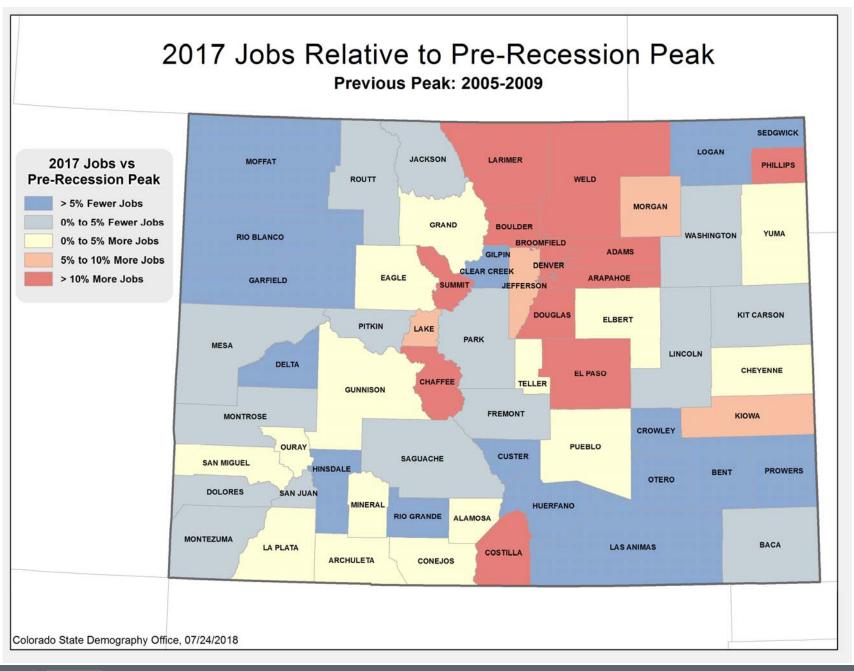
JOBS ARE PEOPLE

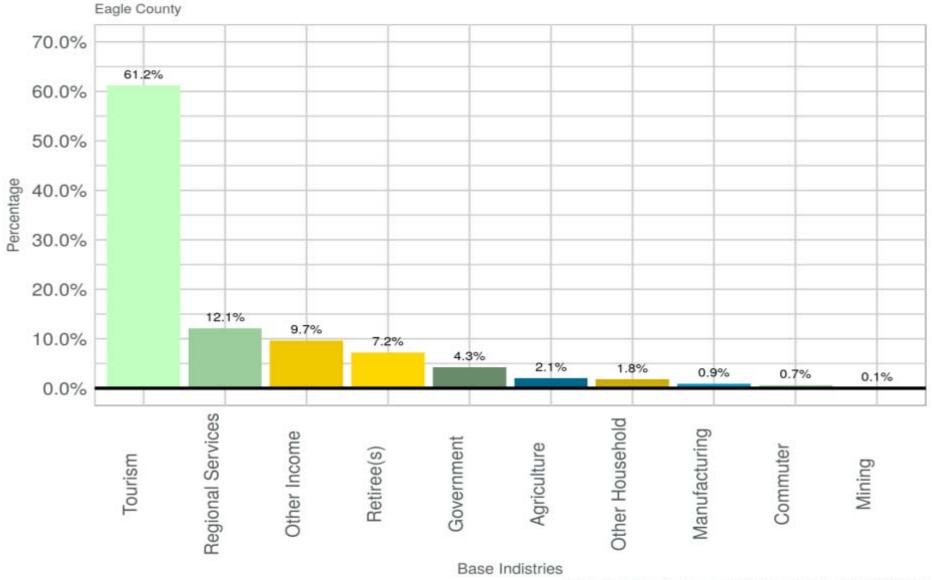


Eagle, Garfield, Lake, Pitkin & Summit Total Estimated Jobs (2006-17 Actual, 18-19 Forecast)

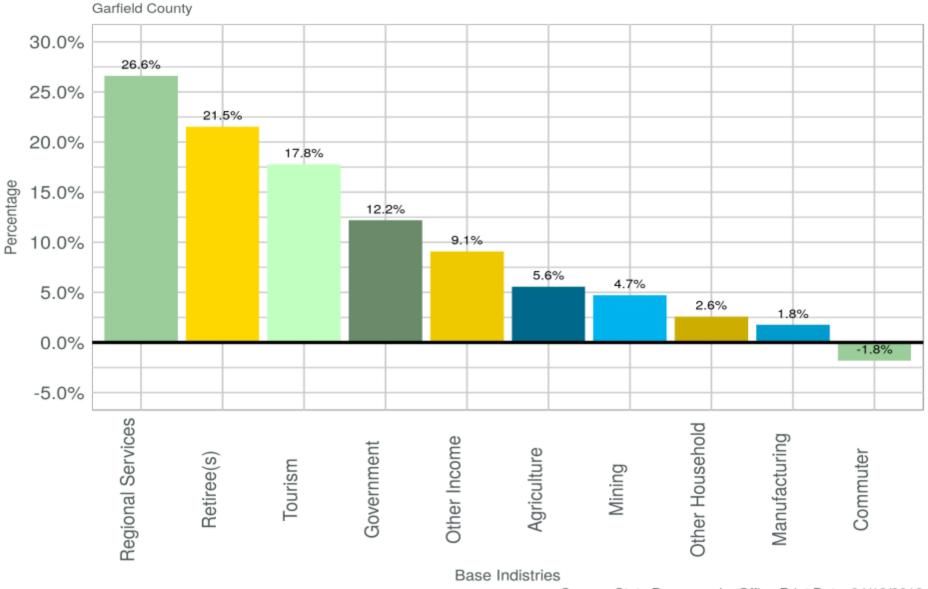


Total Employment Pre-Recession to 2017				
	Total Change 2008-17	Pct.(%) Change 2008-17		
Statewide	381,314	13.0%		
Eagle	743	1.8%		
Garfield	-2,721	-7.4%		
Lake	251	8.8%		
Pitkin	-976	-4.4%		
Summit	2,566	10.6%		

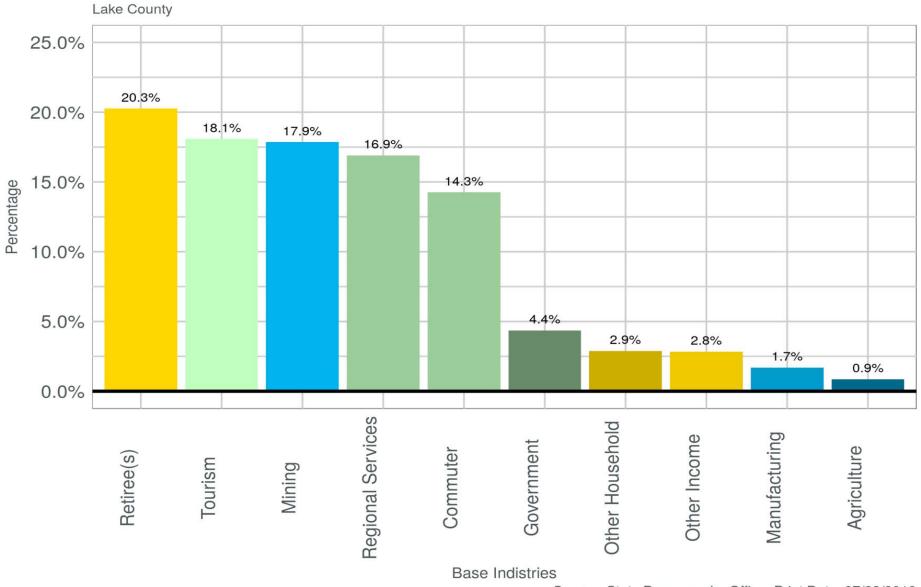




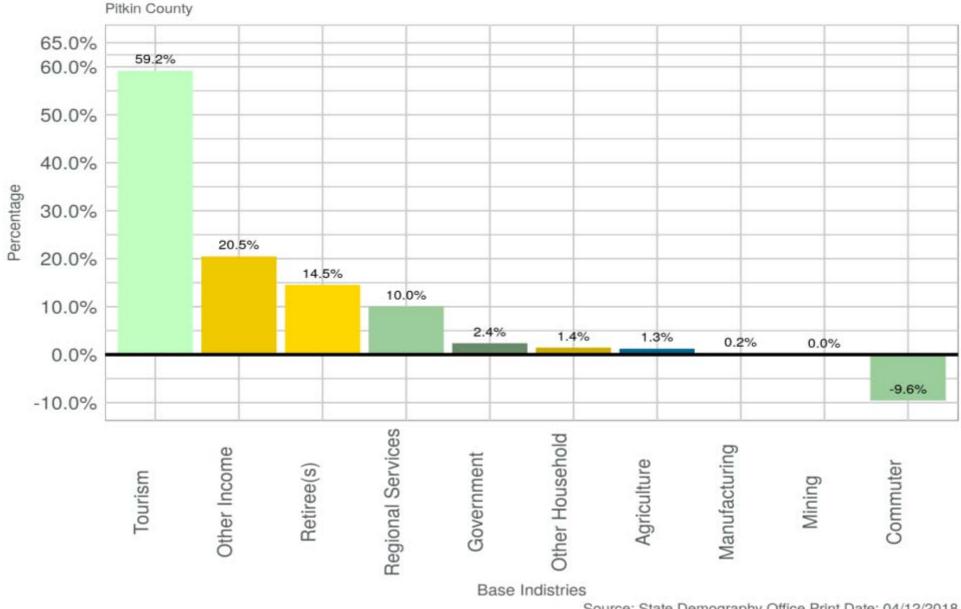
Source: State Demography Office Print Date: 04/12/2018

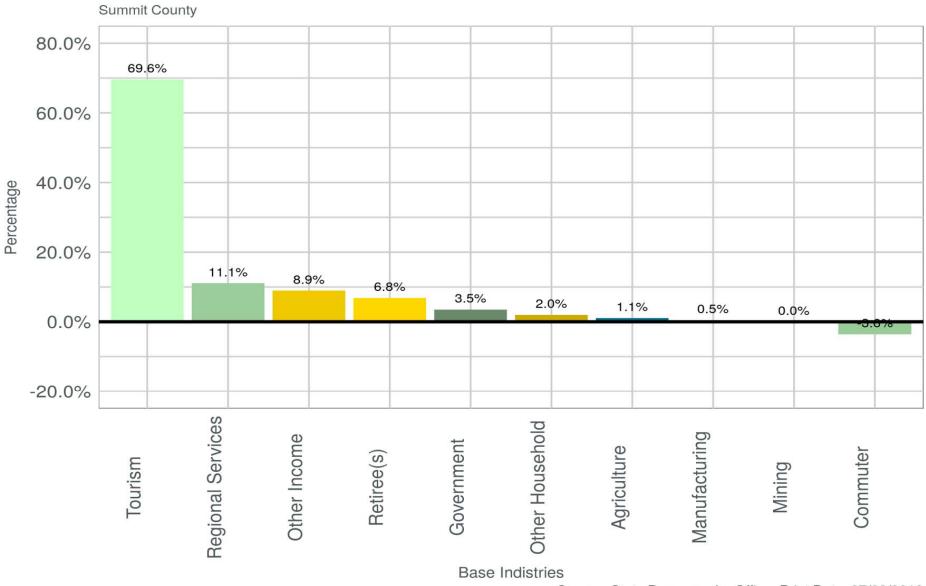


Source: State Demography Office Print Date: 04/12/2018



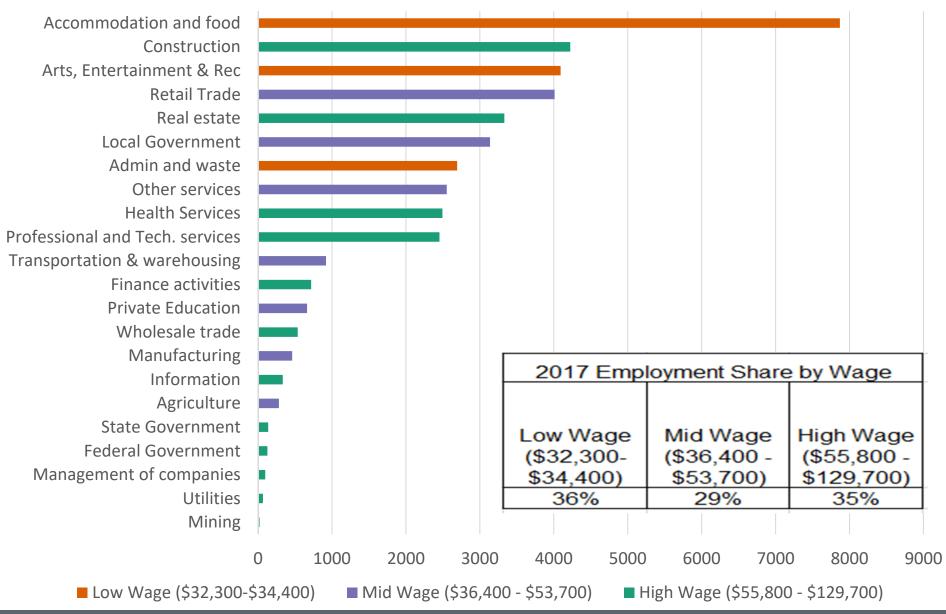
Source: State Demography Office, Print Date: 07/23/2018



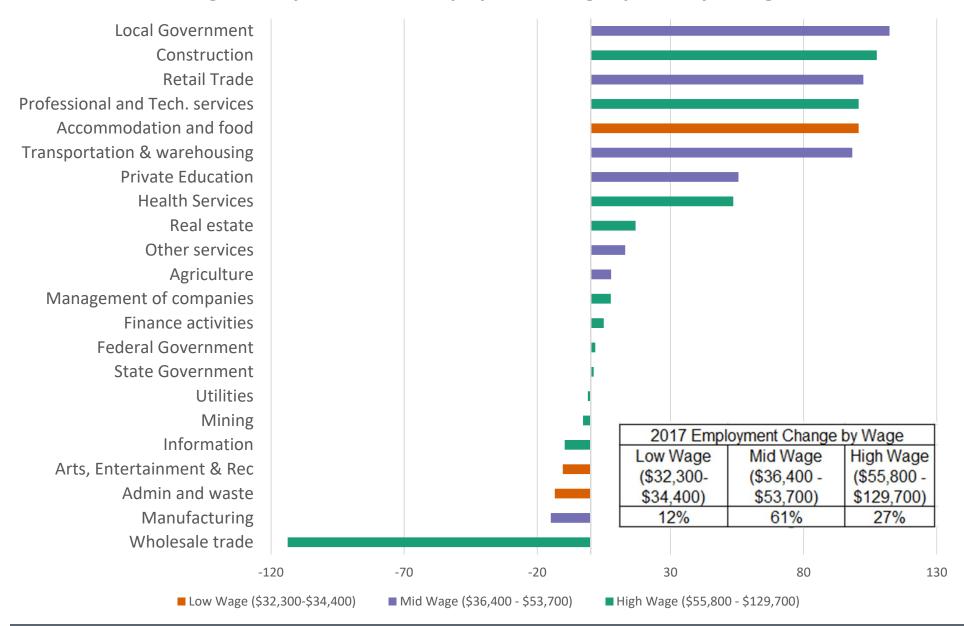


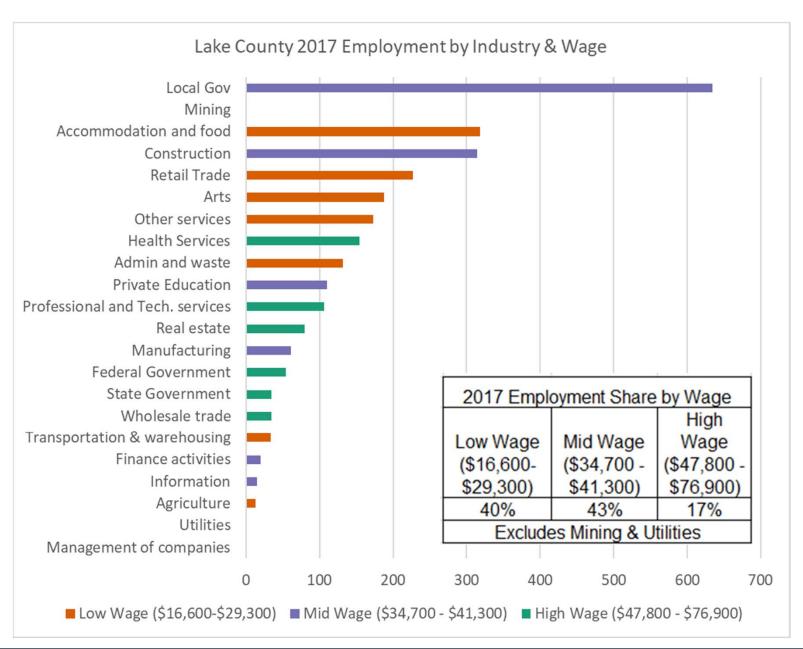
Source: State Demography Office, Print Date: 07/23/2018

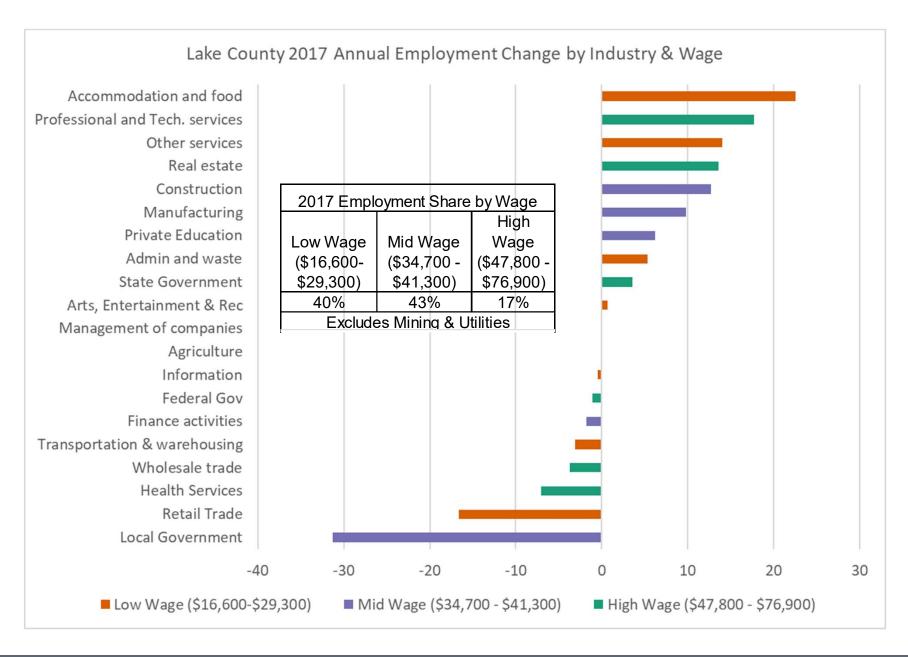
Eagle County 2017 Employment by Industry & Wage

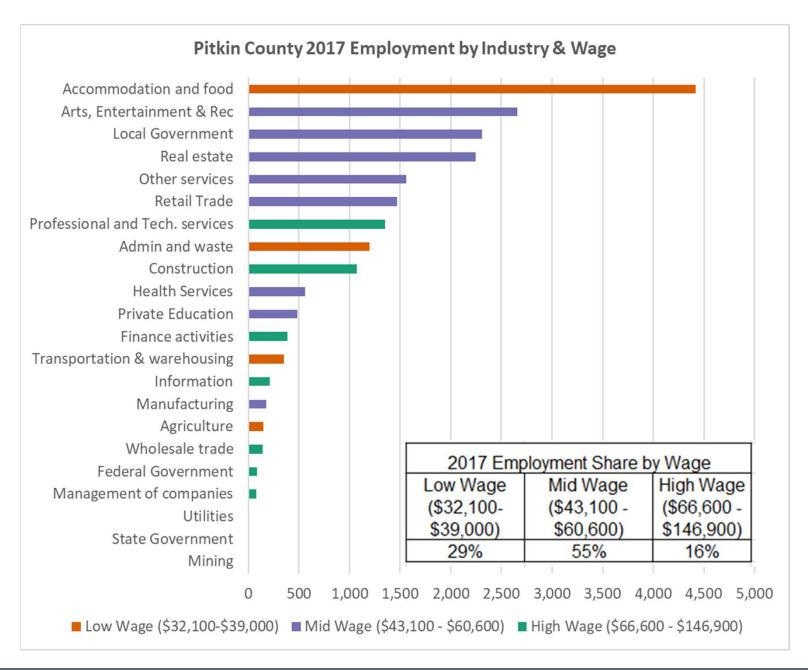


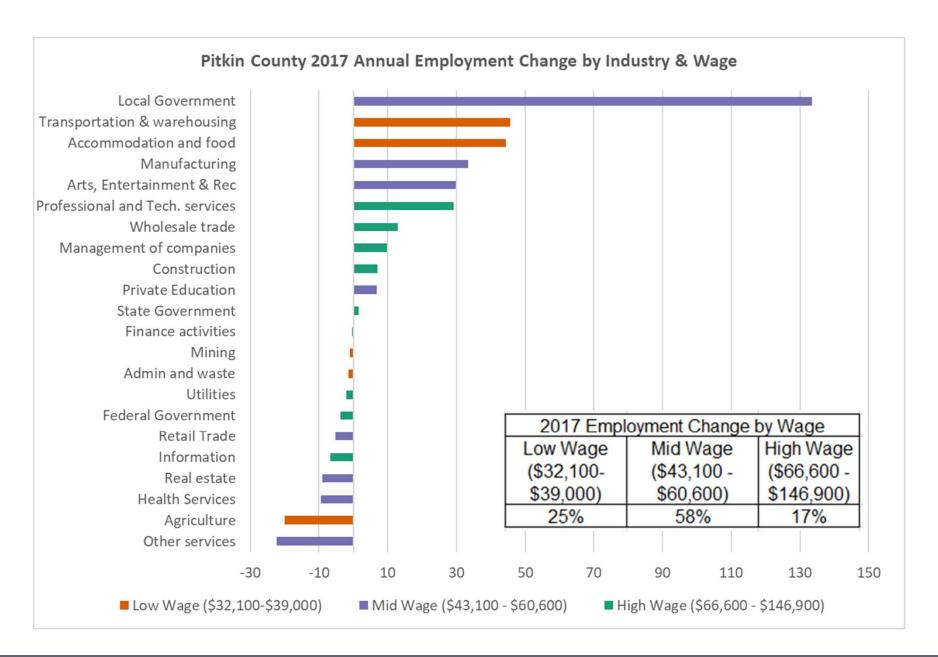
Eagle County 2017 Annual Employment Change by Industry & Wage

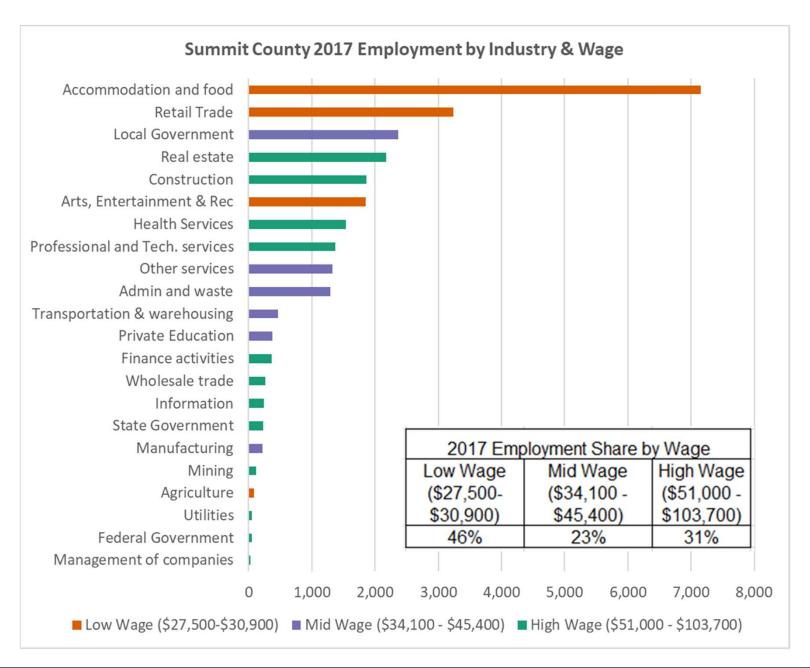


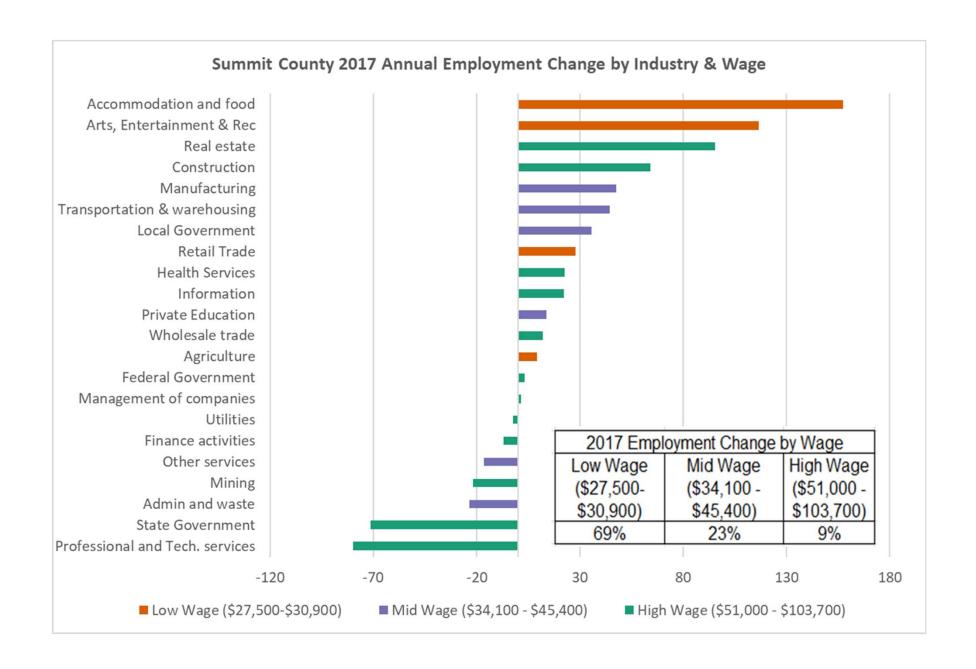


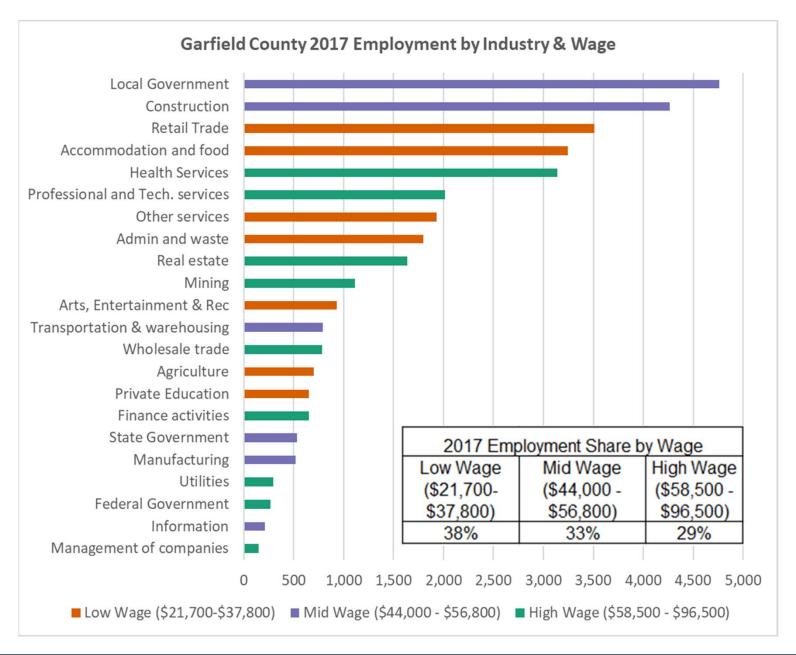


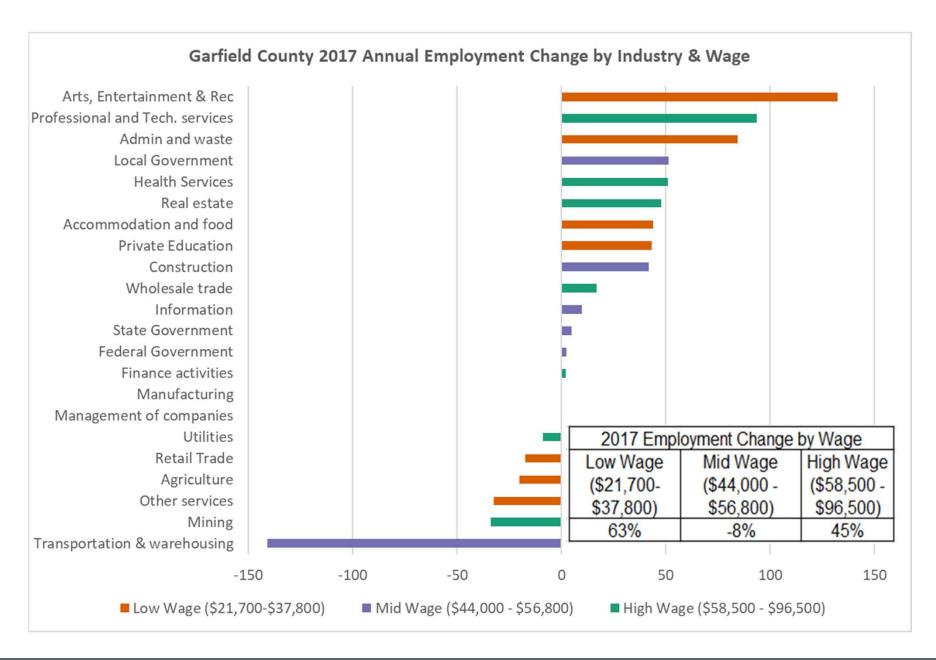












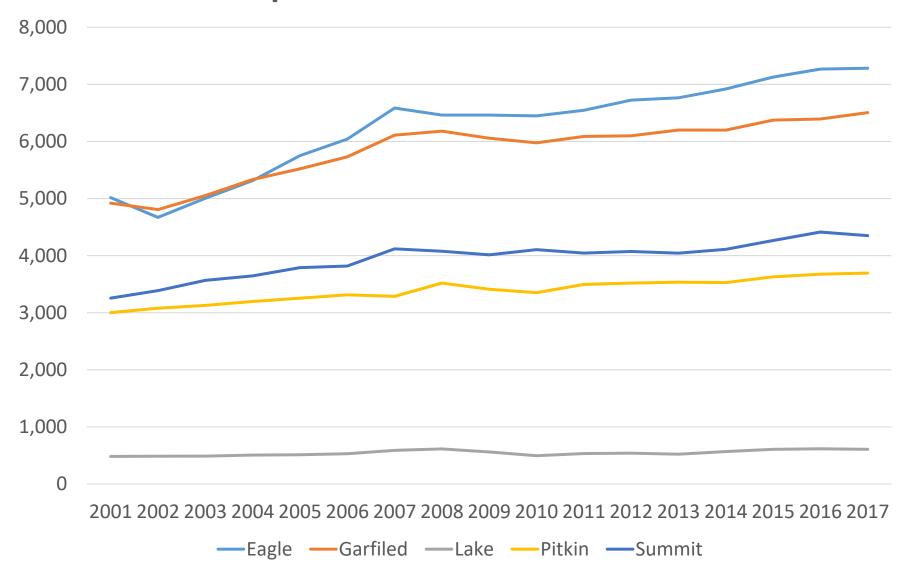
Rural Workforce Area 2017 Employment w/

	Proprie	etor Si	hare
		Wage &	
ndustry	Total Jobs	Salary Jobs	Proprieto

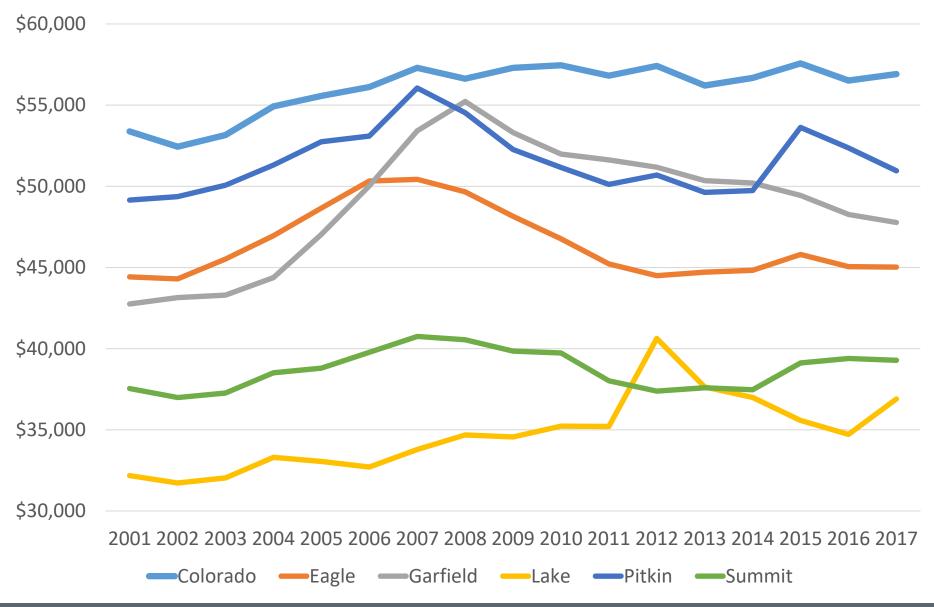
•		Wage &		
Industry	Total Jobs	Salary Jobs	Proprietors	Share Proprietors
Agriculture	1,229	569	660	54%
Mining	1,621	1,531	90	6%
Utilities	431	404	27	6%
Construction	11,739	8,656	3,083	26%
Manufacturing	1,425	1,193	232	16%
Wholesale trade	1,760	1,432	328	
Retail Trade	12,464	11,290	1,174	9%
Transportation & warehousing	2,563	1,892	671	26%
Information	1,020	762	258	25%
Finance activities	2,139	1,580	559	26%
Real estate	9,474	4,959	4,515	48%
Professional and Tech. services	7,298	3,979	3,319	45%
Management of companies	347	347	0	0%
Admin and waste	7,106	5,397	1,709	24%
Private Education	2,286	1,745	541	24%
Health Services	7,890	6,833	1,057	13%
Arts, Entertainment & Rec	9,716	8,285	1,431	15%
Accommodation and food	23,013	22,524	489	2%
Other services	7,542	5,245	2,297	30%
Federal Government	587	587	0	0%
State Government	941	941	0	0%
Local Government	13,209	13,209	0	0%
Total	126,234	103,794	22,440	18%

Proprietors as Share of Total Employment				
	2017	2016		
Lake	19.6%	20.1%		
Garfield	19.1%	19.1%		
Pitkin	17.6%	17.7%		
Eagle	17.6%	17.8%		
Summit	16.3%	16.8%		
Statewide	15.5%	15.4%		
Denver-Boulder MSA	14.6%	14.4%		

Proprietor Trends 2001 to 2017



Annual Wages (Real, 2017 \$) 2001 to 2017



2017 Unemployment Rates

_	Labor			Unemp.	
Area	Force	Employed	Unemployed	Rate	
Eagle County	35,052	34,240	812	2.3%	
Garfield County	31,778	30,863	915	2.9%	
Lake County	4,731	4,629	102	2.2%	
Pitkin County	11,032	10,691	341	3.1%	
Summit County	22,008	21,598	410	1.9%	
Colorado	2,992,307	2,907,468	84,839	2.8%	

Unemployment Changes from 2007

Area	Labor Force	Employed	Unemployed	Unemp Rt
Eagle County	4,123	4,187	-64	-0.5%
Garfield County	-3,167	-3,225	58	0.4%
Lake County	703	745	-42	-1.4%
Pitkin County	-239	-276	37	0.4%
Summit County	4,879	4,935	-56	-0.8%
Colorado	327,630	342,250	-14,620	-0.9%

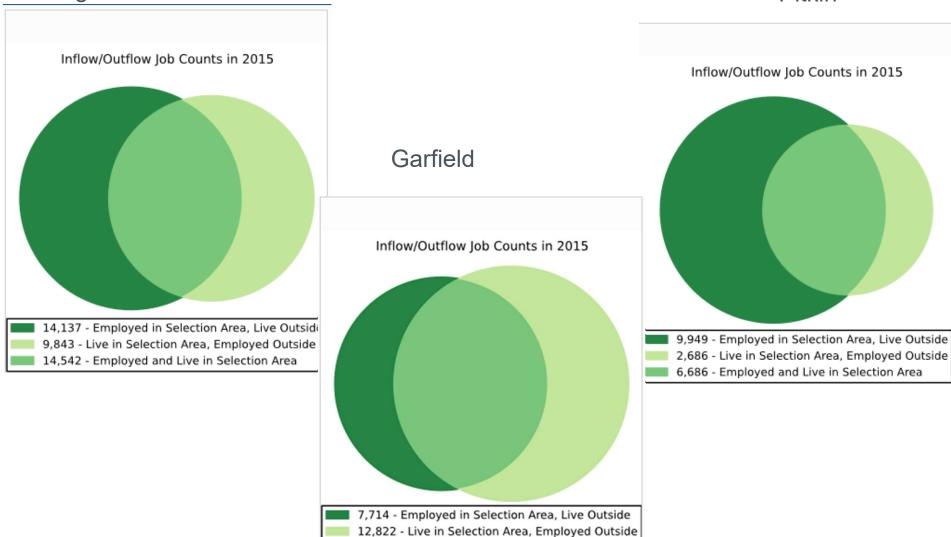
Area	Labor Force	Employed	Unomployed
Alea	Labor Force	Employed	Unemployed
Eagle County	13%	14%	-7%
Garfield County	-9%	-9%	7%
Lake County	17%	19%	-29%
Pitkin County	-2%	-3%	12%
Summit County	28%	30%	-12%
Colorado	12%	13%	-15%

What Impacts Labor Force Participation Rates

- Age
- Trends
- Why would someone enter or leave the labor force?

Commuting Patterns

Eagle

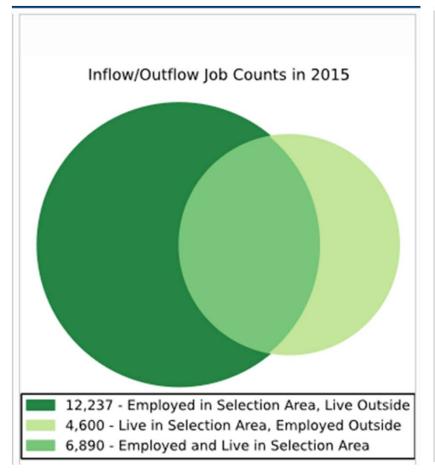


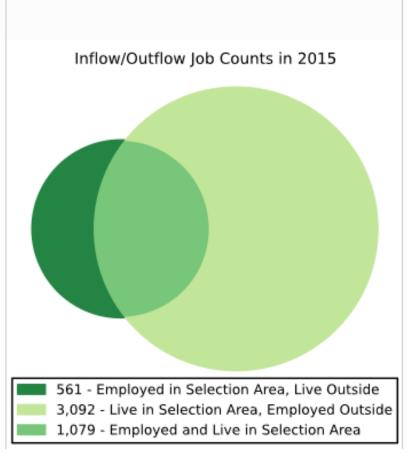
16,184 - Employed and Live in Selection Area



Source: https://onthemap.ces.census.gov/

Summit

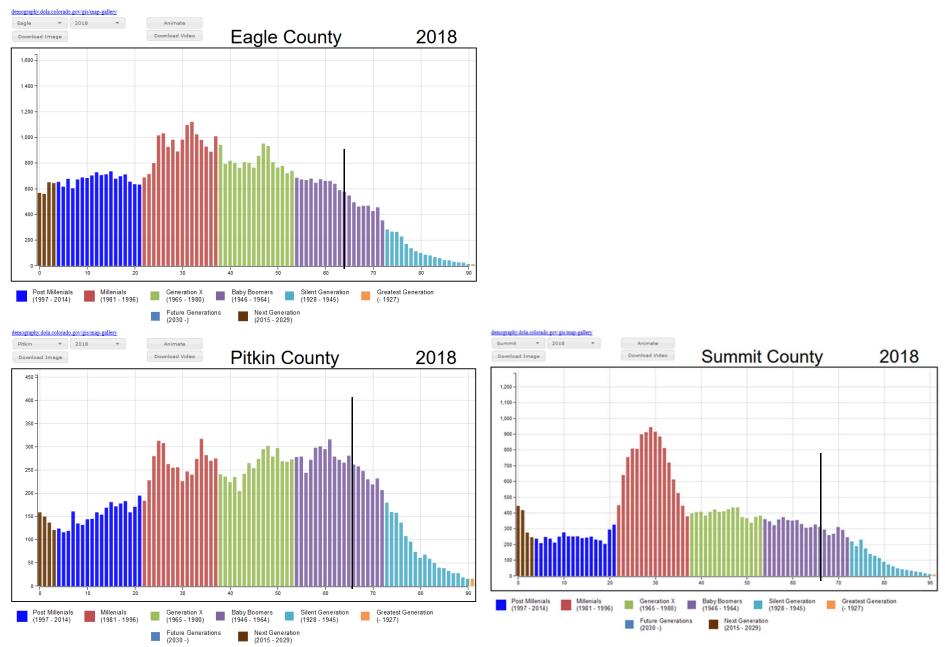




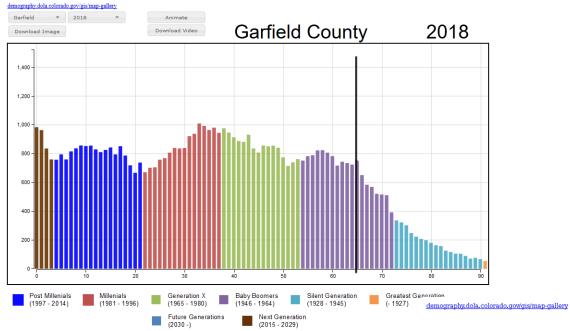
AGE

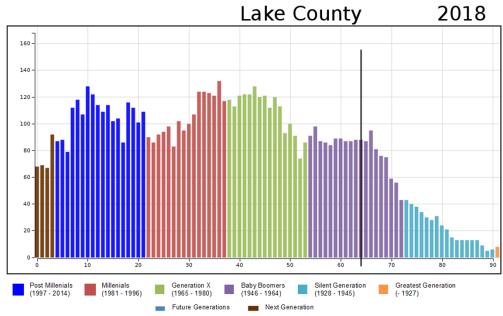
Why?
Preferences
Housing
Income
Service Demands
Labor Force











We are Aging Fast

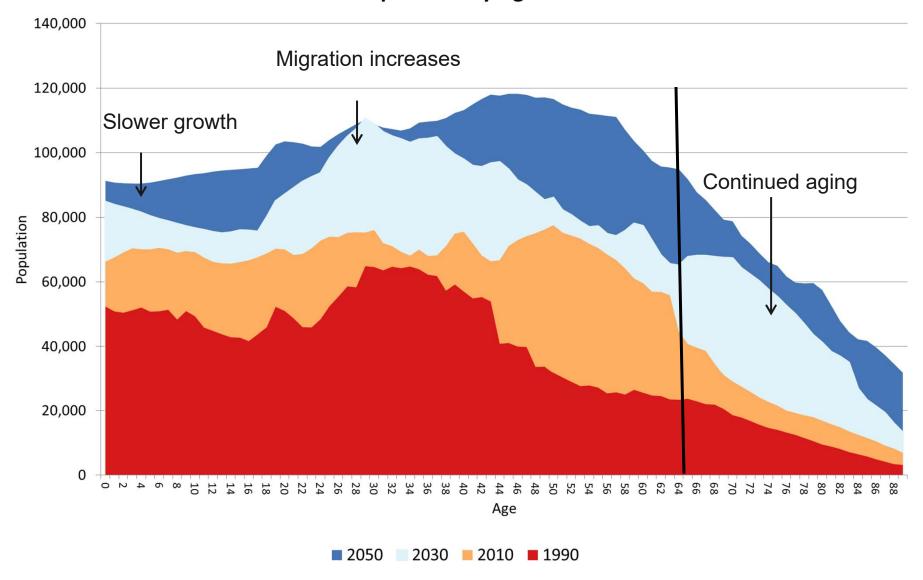
- Currently very few people over the age 65.
 - 6th lowest share of all states in US (13%) in 2015
 - 3rd fastest growing in the 65+
- Baby Boomers
 - Born 1946 1964
 - 1,360,000 Boomers in Colorado (25% of pop. in 2015)
- 2015 2030 Colorado's population 65+ will grow 719,000 to 1,270,000 (77%) (primarily from aging)
- Transition age distribution from "young" to more US average between 2015 and 2030.

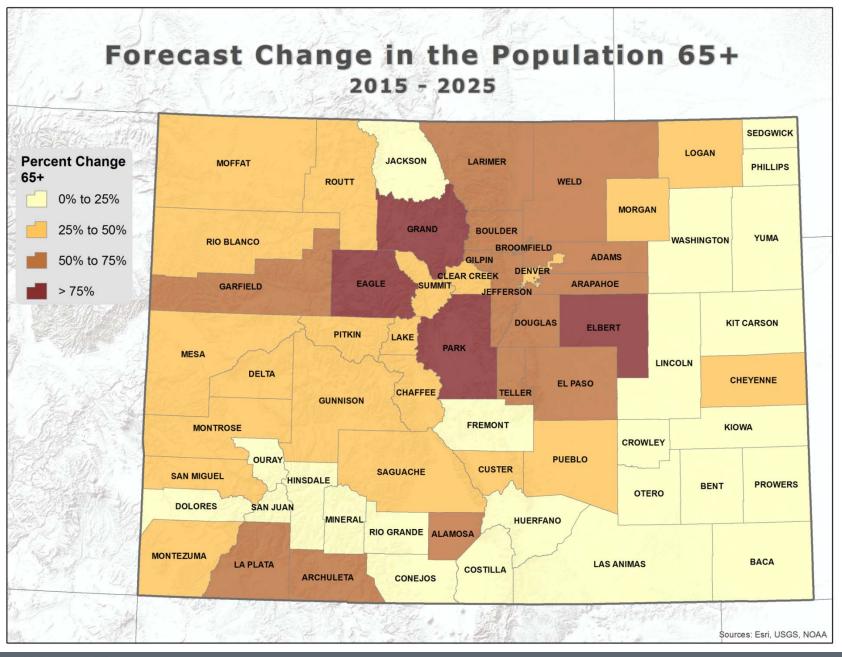
Aging Issues

- Numbers
- Economic Driver wealthier depends
 - Impact on occupational mix
- Labor Force
- Housing Universal Design, sidewalks
- All price levels and need levels, fewer movers.
- Income Downward Pressure
- Health / Disabilities
- Transportation
- Public Finance Downward Pressure
- Aging Plans

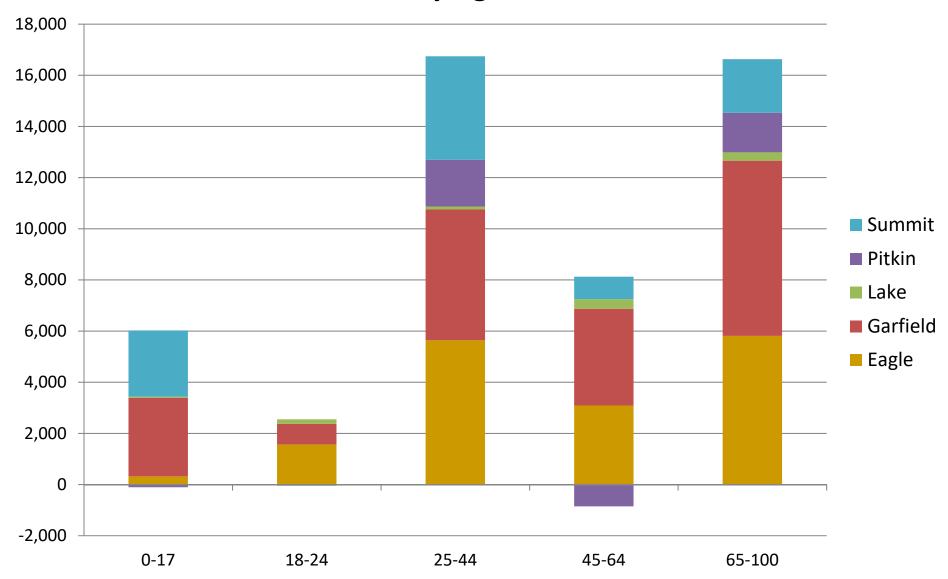


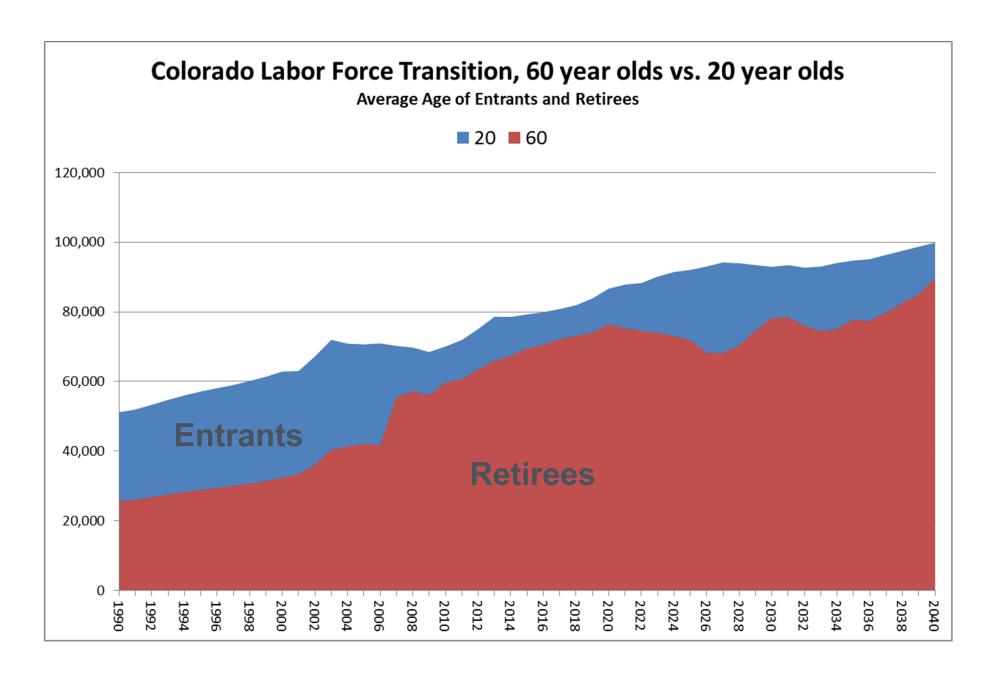
Colorado Population by Age 1990-2050





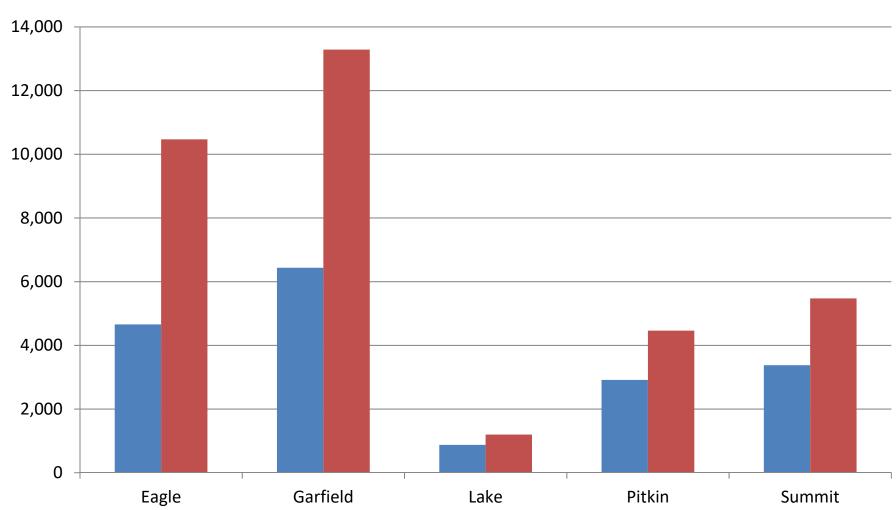
Growth by Age 2015-2030





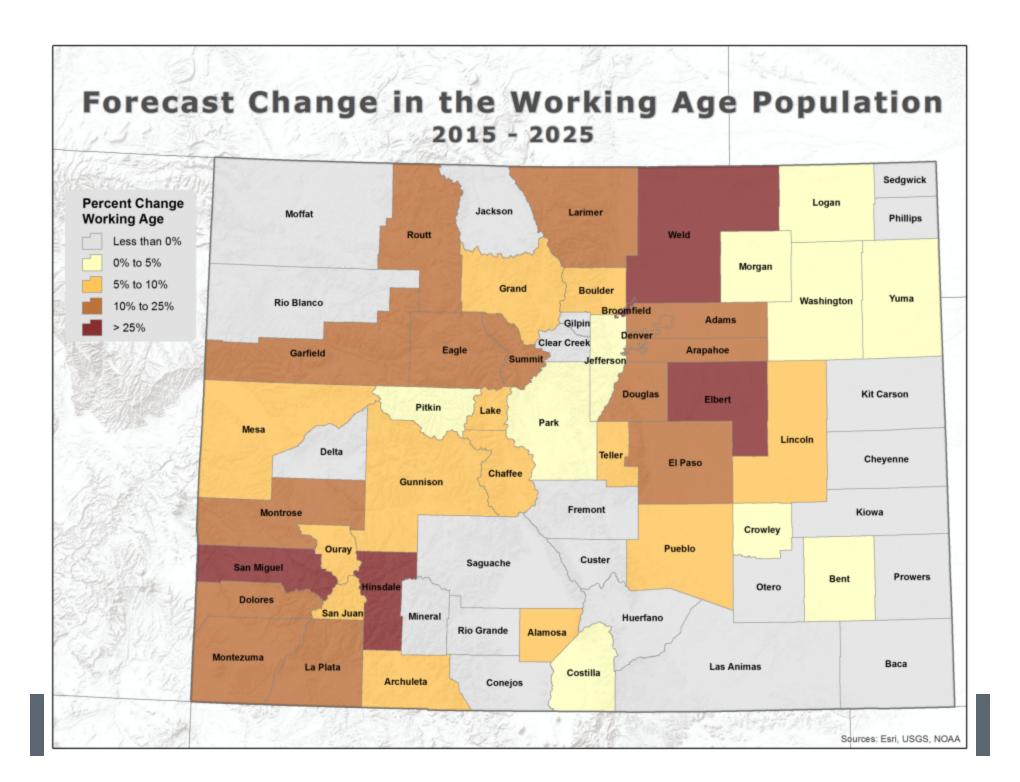
Population 65+ by County



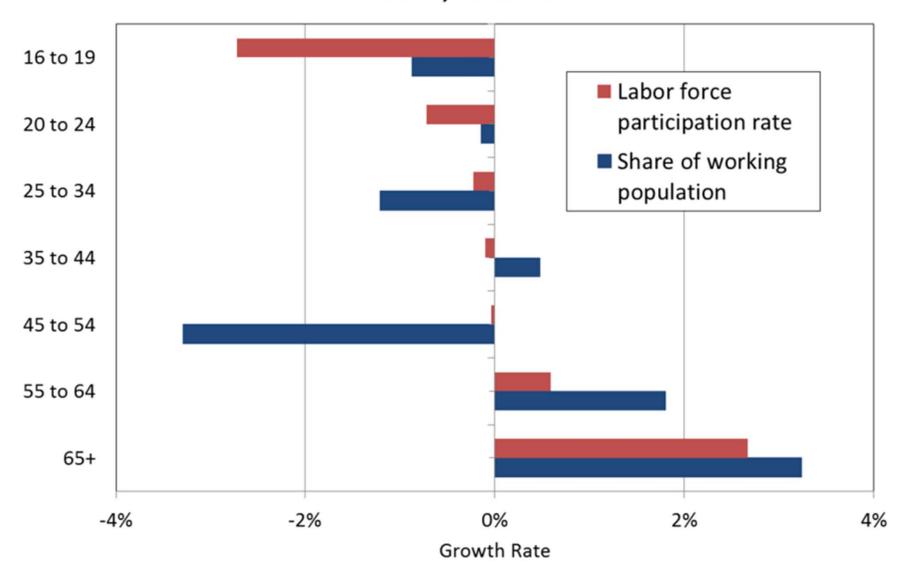


Labor Force

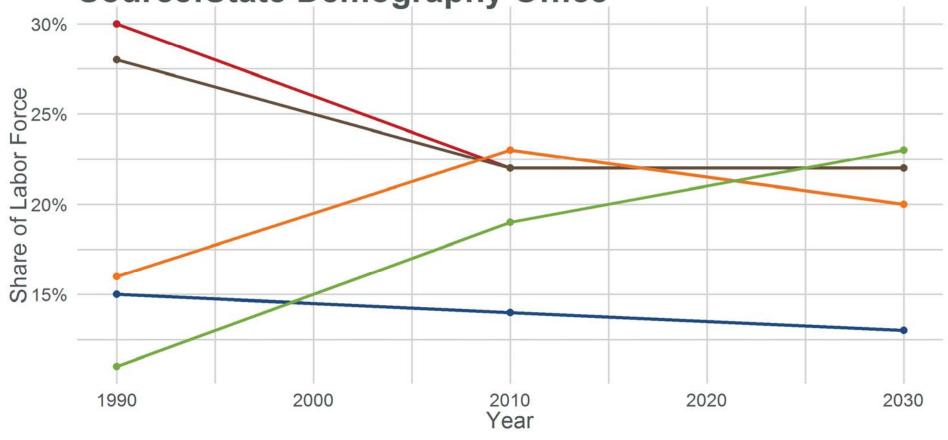
- Aging one reason labor market so tight
- Boomers are 37% of the labor force (2010)
 - Staying longer in workforce want and need to
 - Participation rates for ages 65+ increasing.
 - Approx. 1,000,000 workers aging out the next 20 years.
- Increase demands
 - Replacement and demands created by retiree needs
 - Largest increase in leavers between 2020-2025
- Participation falling at the younger end.
- Demands will vary by industry -
- Education, Health, Utilities, Mining, Govt.
- Increase in demand for caregivers leaving labor force to care for family/friends.



Colorado, 2010-2020

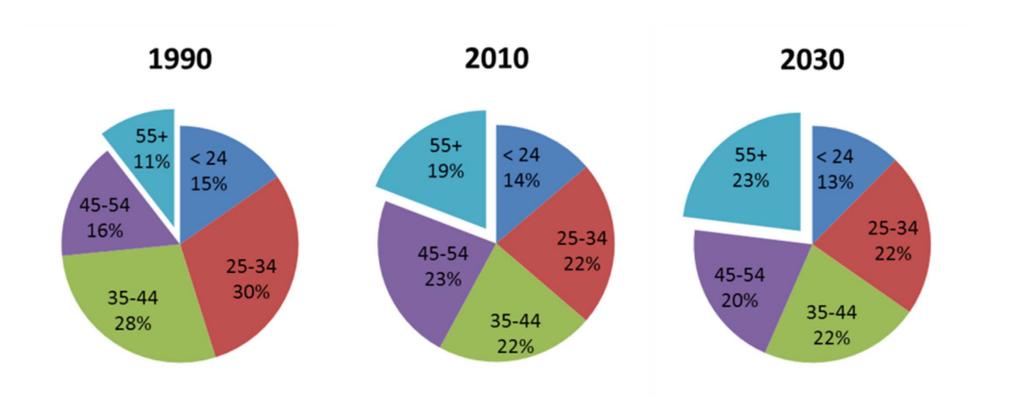


Colorado Labor Force by Age Source: State Demography Office



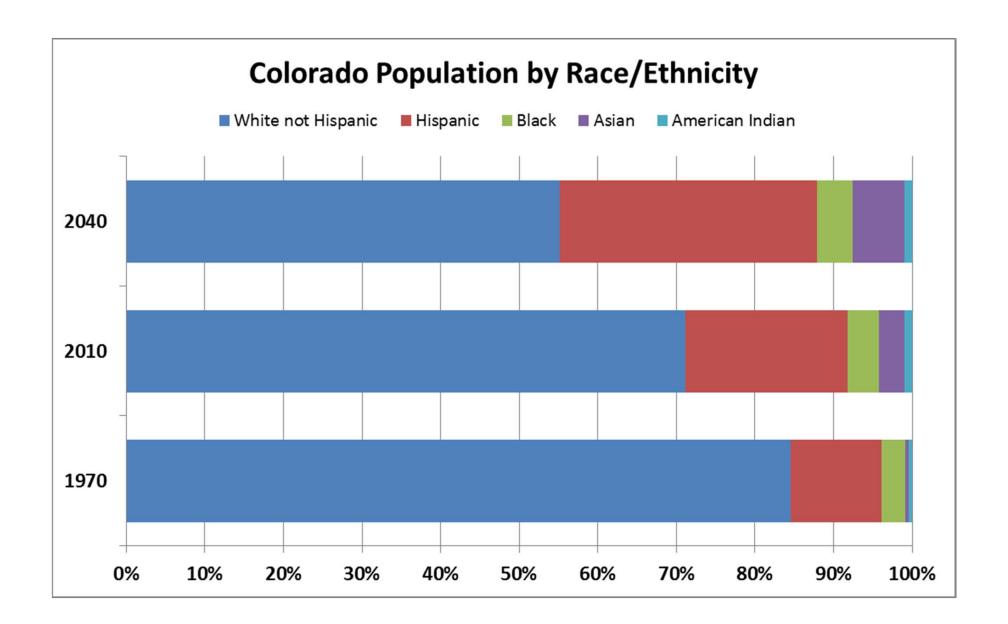
Age Group → Less than 24 → 25 to 34 → 35 to 44 → 45 to 54 → More than 55

Share of labor force by age group



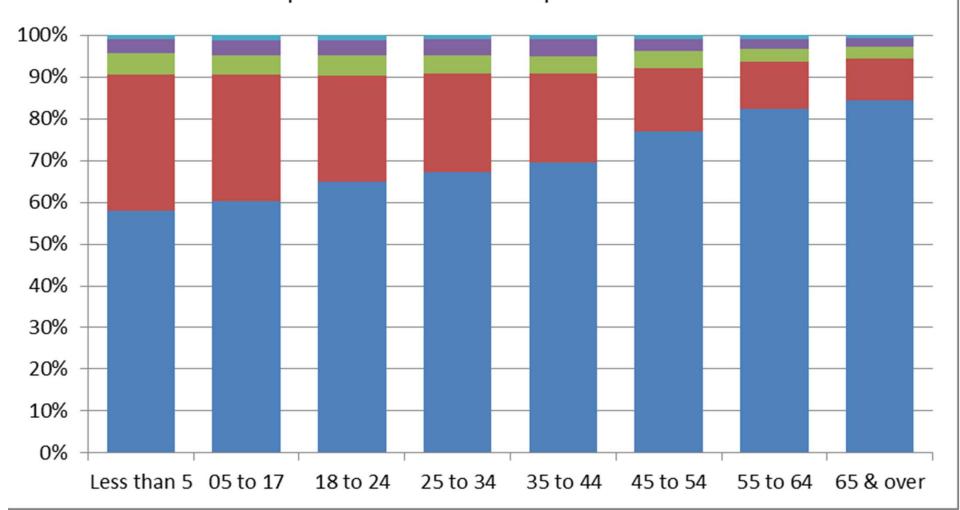
Ethnicity/Race increasing



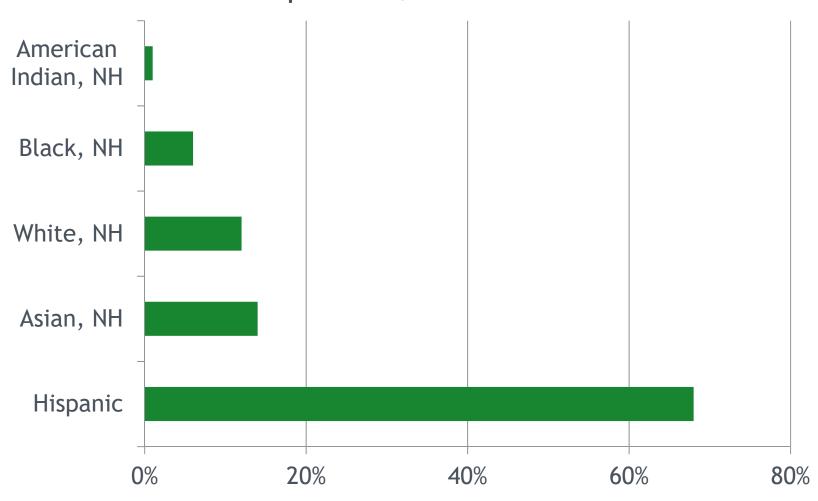


2010 Colorado Population by Race/Ethnicity and Age

■ WhiteNonHispanic ■ Hispanic ■ BlackNonHispanic



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

Populatio			
	Percent	Percent White,	Percent Other
Name	Hispanic	Non-Hispanic	Minority
Pitkin	9.80%	86.09%	4.11%
Garfield	27.93%	68.84%	3.22%
Eagle	29.73%	67.18%	3.08%
Summit	14.15%	81.42%	4.43%
Lake	34.51%	62.84%	2.65%
2016 5 Yr.	ACS		

Other Labor Force Factors



Cost-Burdened Renters and Owners

	Owner	Owner	Renter		Owners pay >35% of	Renters pay >35%
Area	Number	Share	Number	Share	income	of income
Eagle County	12007	68.2%	5606	31.8%	28.7%	34.6%
Garfield County	13695	65.9%	7076	34.1%	32.5%	38.6%
Lake County	1737	55.7%	1384	44.3%	16.7%	35.9%
Pitkin County	4774	62.8%	2827	37.2%	26.4%	33.6%
Summit County	6532	67.2%	3182	32.8%	32.5%	43.4%
Colorado	1320617	64.4%	730999	35.6%	21.5%	41.3%

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 (%)

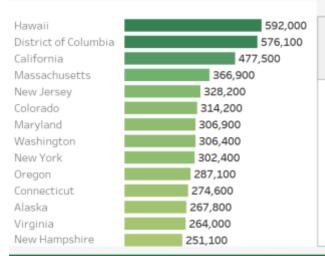
Foreign born (%)

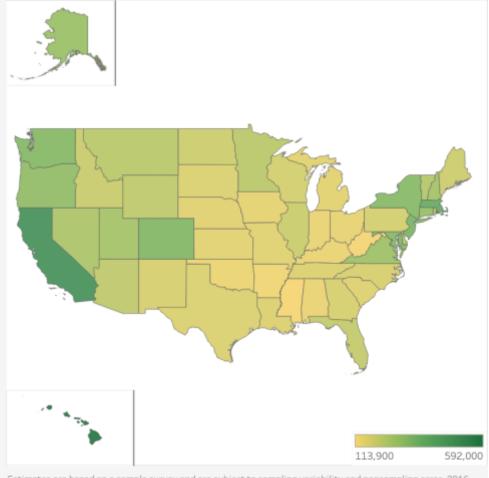
) High school graduate or higher (%)

Without health insurance (%)

Households with a broadband Internet subscription (%)

Sortable State List



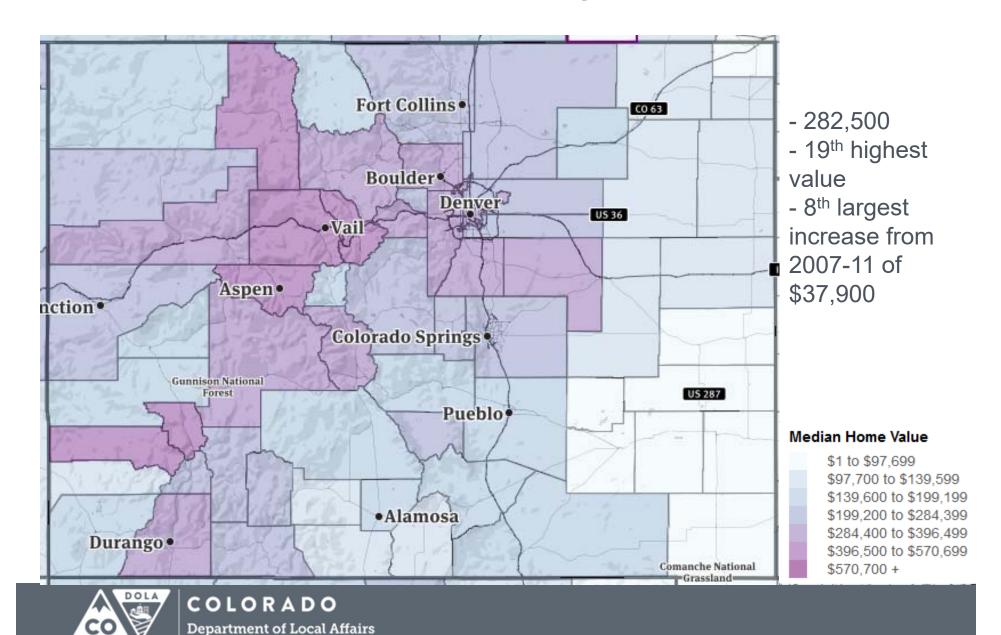


Estimates are based on a sample survey and are subject to sampling variability and nonsampling error. 2016 American Community Survey 1-year estimates were used. For more information about these data or Puerto Rico estimates, go to https://www.census.gov/acs



U.S. Department of Commerce Economics and Statistics Administration U.S. CENSUS BUREAU CENSUS.gov

Median Home Value, ACS 2012-16



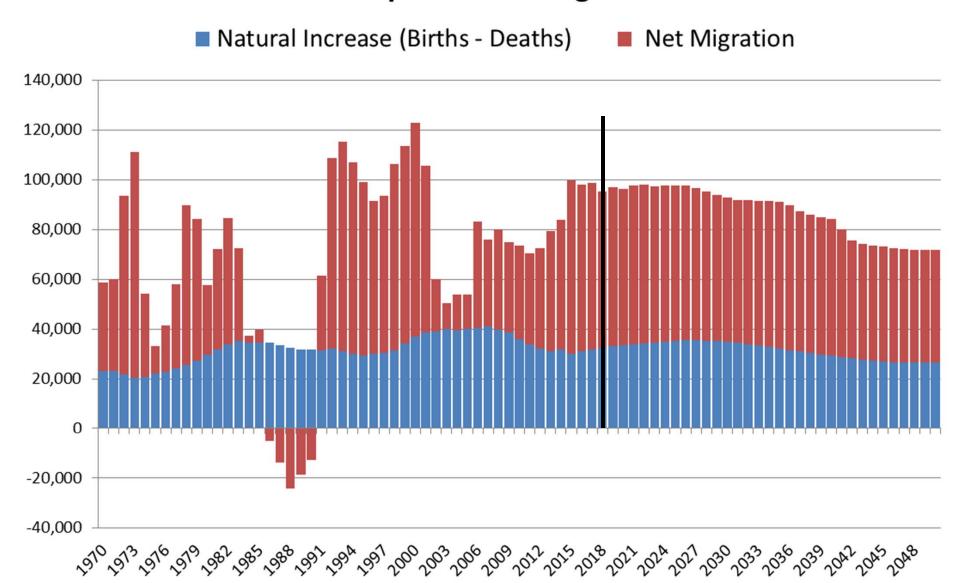
Housing								
	Median	Median			home	home		
	Home	Home			price to	price to		
Geographical	Price	Price	HH Inc	HH Inc	income	income		
Area	2007	2016	2007	2016	ratio 2007	ratio 2016	chg	
Denver	272,505	292,700	53,179	56,258	5.1	5.2		0.08
Summit	520,828	496100	76,036	70,192	6.8	7.1		0.22
Lake	192,120	184,200	45,391	46,928	4.2	3.9	,	-0.31
Garfield	384,799	299,700	71,573	61,300	5.4	4.9		-0.49
Pitkin	743,736	552,900	76,402	69,789	9.7	7.9	,	-1.81
Eagle	593,600	438,500	79,394	78,763	7.5	5.6		-1.91
American Community Survey 5 Yr. 2007 and 2016								

Educational Attainment for Populatino 25 Years and Over US Census Bureau Table: S1501 2012-2016 American Community Survey 5-Year Estimates High school graduate Percent (includes **Percent High** bachelor's **School Plus** degree or equivalency) Geographic Area **Percent Percent Percent** Colorado 21.70% 91.00% 38.70% 17.90% 88.80% 45.00% **Eagle County** 28.70% Garfield County 86.90% 29.10% Lake County 33.60% 92.80% 30.90% 13.80% 95.40% 60.40% Pitkin County 17.00% 94.70% 49.90% **Summit County**

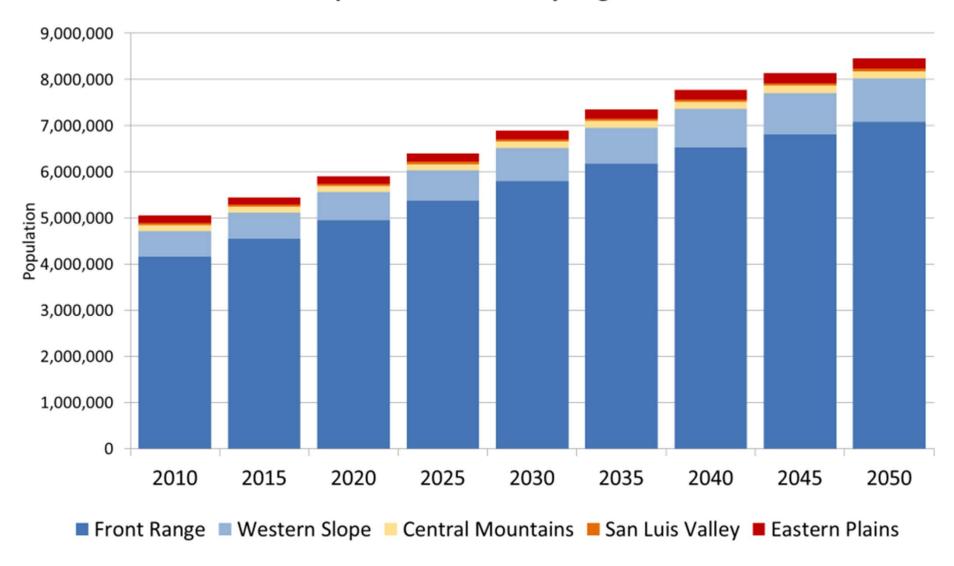
More Growth but Slowing

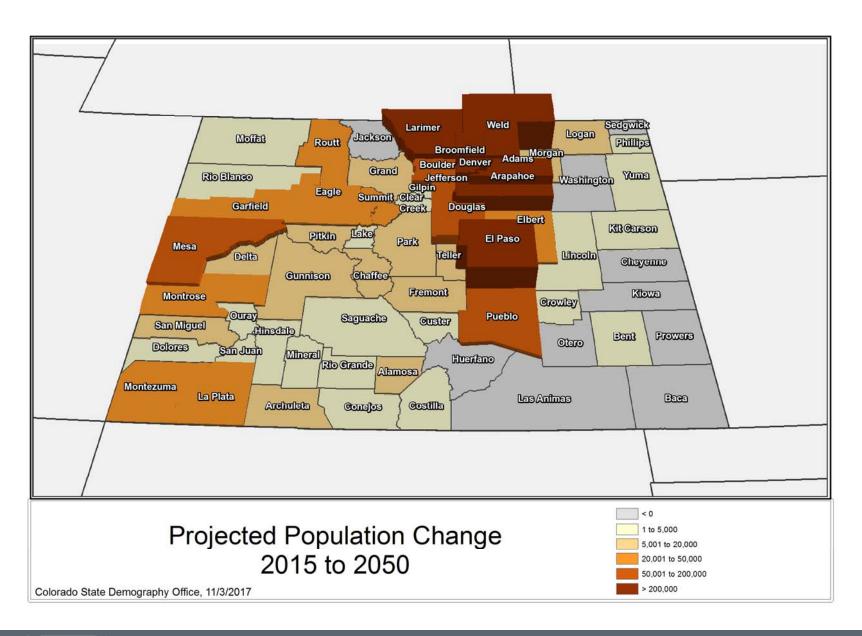


Colorado Population Change 1970-2050



Colorado Population Forecast by Region 2010-2050





Forecasts

Counties	July, 2015	July, 2020	July, 2030	July, 2040	July, 2050	Ch. 2015-30	Ch. 2030-40	Ch 2040-50	Ann. Ave Pct Ch. 2015-50
Garfield	57,779	. .							
Eagle	53,320	57,571	69,748	83,001	94,459	16,428	12,177	11,457	1.6%
Pitkin	17,845	18,562	20,218	21,854	23,209	2,373	1,655	1,355	0.8%
Summit	29,928	32,760	39,540	45,859	51,828	9,612	6,779	5,969	1.6%
Lake	7,502	7,777	8,536	9,361	9,868	1,034	759	507	0.8%

Job Forecast by Economic Driver

Job Growth 2015-2025	Garfield	Eagle	Pitkin	Summit	Lake
TRADITIONAL INDUSTRIAL BASIC JOBS	622	311	70	55	70
REGIONAL & NATIONAL SERVICES	1,136	732	103	238	86
TOURISM	250	1,630	184	472	53
COMMUTING JOBS	46	(71)	(13)	(28)	20
RETIREE GENERATED JOBS	2,551	1,332	659	704	141
PUBLIC ASST. GENERATED JOBS	67	79	11	70	4
INVESTMENT INCOME & WEALTH	13	201	(117)	182	(9)
TOTAL DIRECT BASIC JOBS	4,685	4,214	897	1,693	365
RESIDENT SV. JOBS	1,664	3,346	425	1,424	(11)
TOTAL JOBS	6,349	7,560	1,322	3,117	353

AGLE FORECASTING WORKSHEET						
	0045	0000	0000	00.40	01- 0045 40	Ann Ave. Pct
	<u>2015</u>	<u>2020</u>	<u>2030</u>		Ch. 2015-40	Ch 2015-40
TRADITIONAL INDUSTRIAL BASIC JOBS	2,038	2,146	2,520	2,817		
REGIONAL & NATIONAL SERVICES	3,113	3,479	4,090	4,543	1,430	1.5%
TOURISM	16,237	17,097	18,413	19,634	3,397	0.8%
RETIREE GENERATED JOBS	1,892	2,593	3,851	5,200	3,308	4.1%
PUBLIC ASST. GENERATED JOBS	510	545	648	764	254	1.6%
INVESTMENT INCOME & WEALTH	2,781	2,875	3,369	4,290	1,509	1.7%
NON-BASIC RESIDENT SV. JOBS	13,022	15,085	18,360	23,224	10,202	2.3%
TOTAL JOBS	39,783	43,991	51,234	60,060	20,277	1.7%
CIVILIAN JOBS HELD (SUPPLY)	38,512	40,013	48,917	60,670	22,158	1.8%
COMMUTING (+ = IN)	2,256	2,229	3,184	5,998	3,742	4.0%
JOBS HELD BY RESIDENTS	36,256	37,784	45,734	54,672	18,416	1.7%
Plus:Jobs Multiply Held	5,257	5,403	6,581	8,254	2,997	1.8%
Multiple Job Holding Rate	16.4%	16.2%	16.2%	17.1%	0	0.2%
Employed Persons (Residents)	30,998	32,381	39,153	46,418	15,419	1.6%
Unemployment Rate	3.2%	3.0%	3.4%	3.6%	0	0.5%
Unemployed Persons	1,009	1,015	1,397	1,712	703	2.1%
LABOR FORCE (RESIDENTS)	32,008	33,396	40,550	48,130	16,123	1.6%
Labor Force Participation Rate	78.1%	75.5%	75.0%	75.4%	0	-0.1%
Civilian Noninst. Population 16+	41,004	44,214	54,099	63,810	22,806	1.8%
Civilian NI Pop 16+ / Total Pop	76.9%	76.8%	77.6%	76.9%	0	0.0%
Total Population	53,320	57,571	69,748	83,001	29,681	1.8%
ource: State Demography Office						

Risks (plus or minus)

- National Growth National Policies Intl' immigration
- Water
- Housing supply, price, type, location
- Infrastructure/Transportation
- State Budget/Policy
- Aging labor force, prepared labor force
- Industry changes downturn, bust, recession, competitiveness.
- Natural disasters nationally

Summary

- Labor Force relates Jobs to the Population
- All connected jobs, population, housing, infrastructure.
- Migration how do we continue to attract and retain the best worker for the right job.
- Aging fastest growing age group, labor force, jobs, income, housing, public finance
- Labor force strategies to increase labor force participation.
- Growing diversity at youngest ages.
- Growing but slowing.
- Plan for risks in industries, climate, labor, water, downturns

Thank you

State Demography Office

Department of Local Affairs

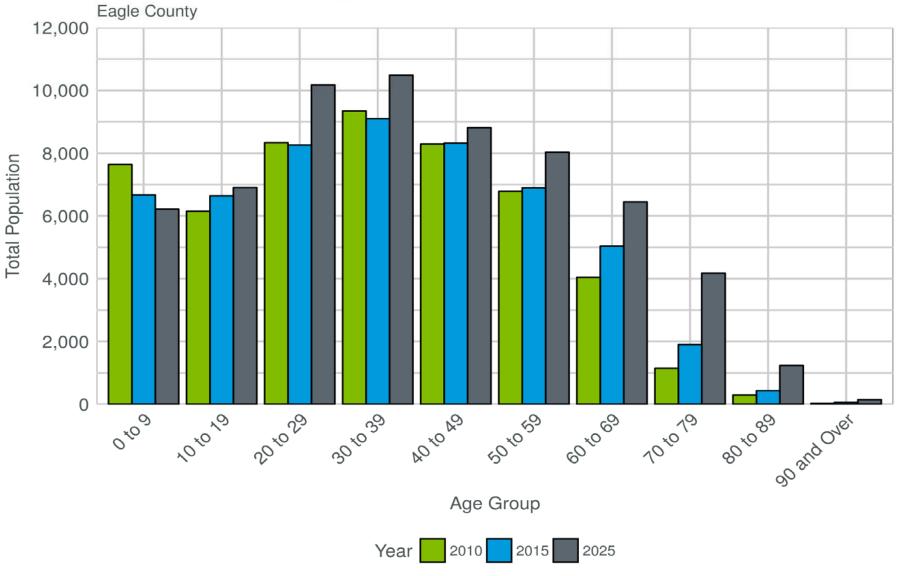
Elizabeth Garner

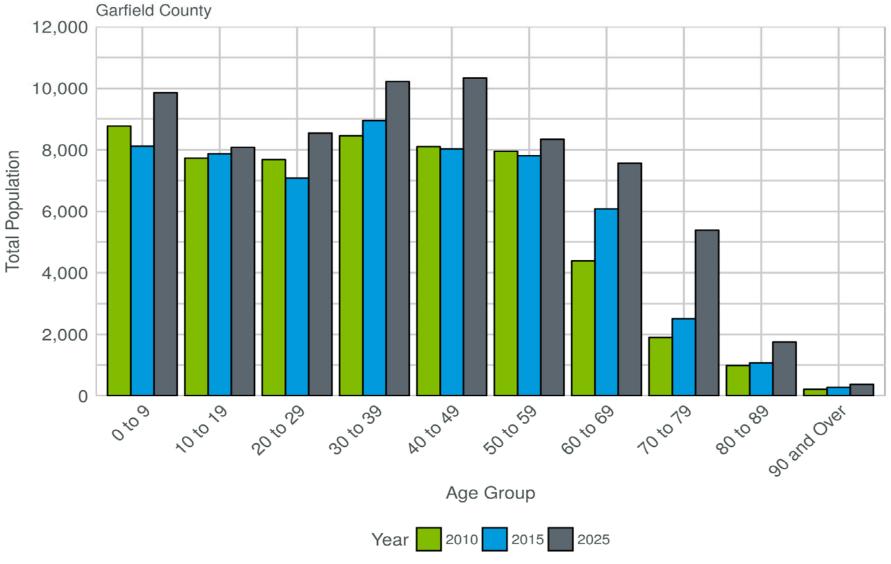
Elizabeth.garner@state.co.us

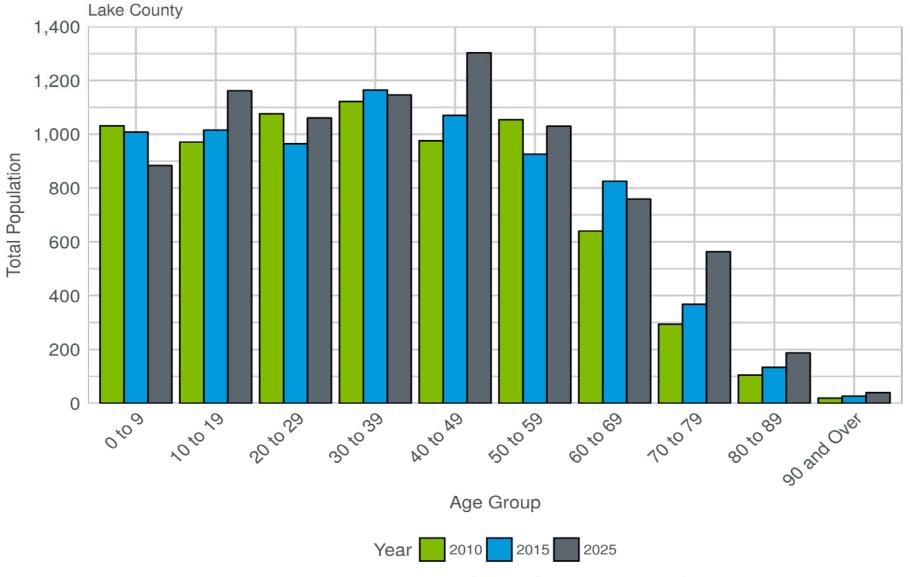
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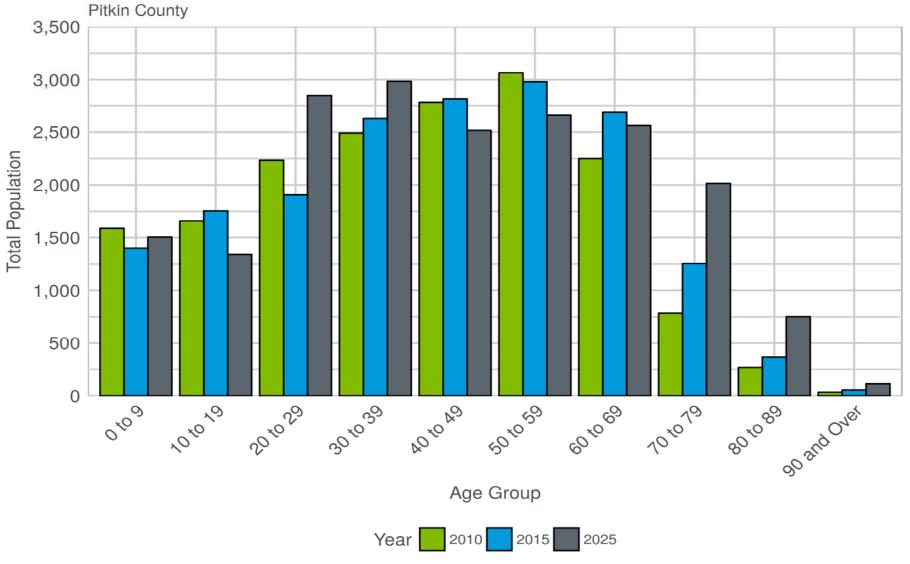
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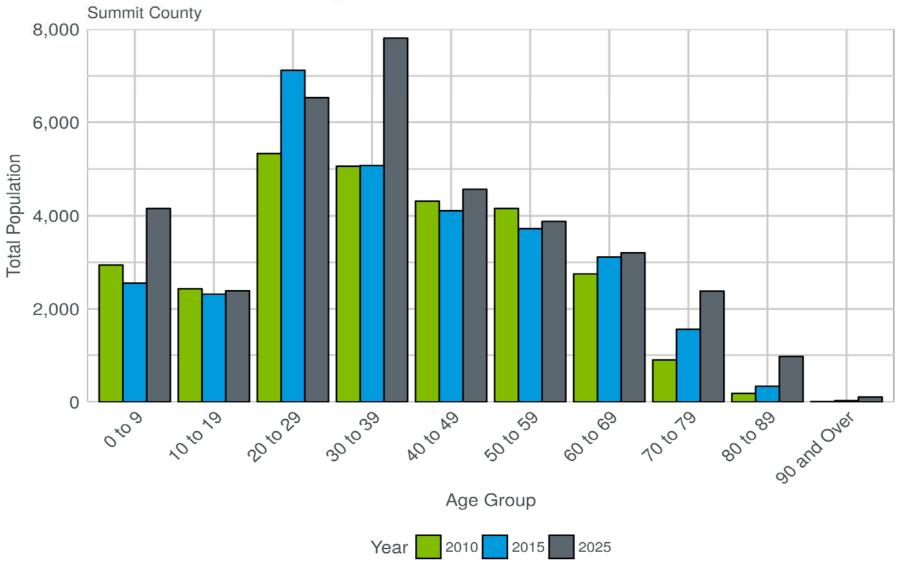




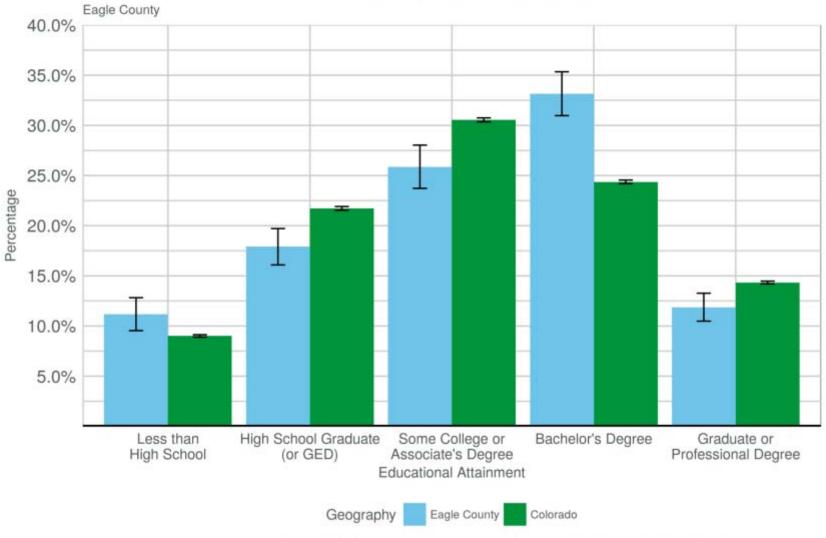






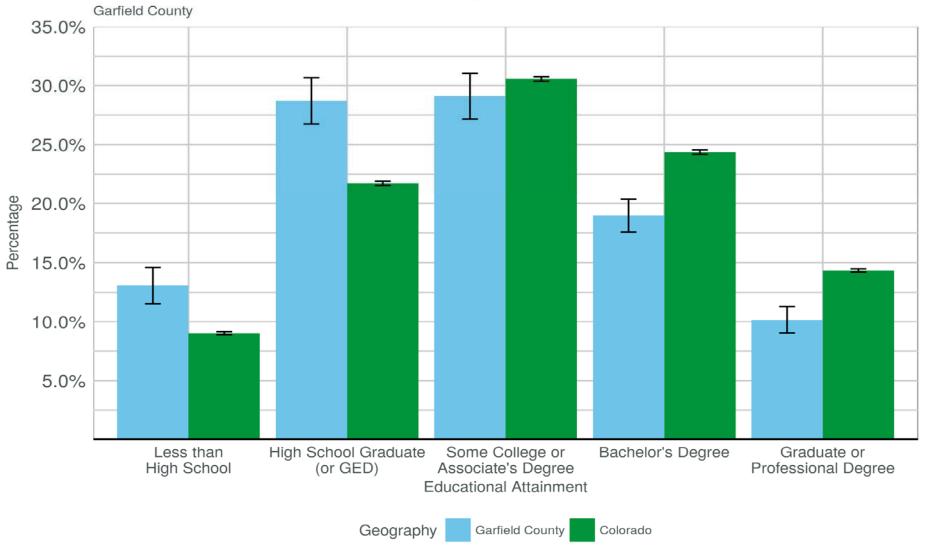


Educational Attainment, Persons Age 25 and Older



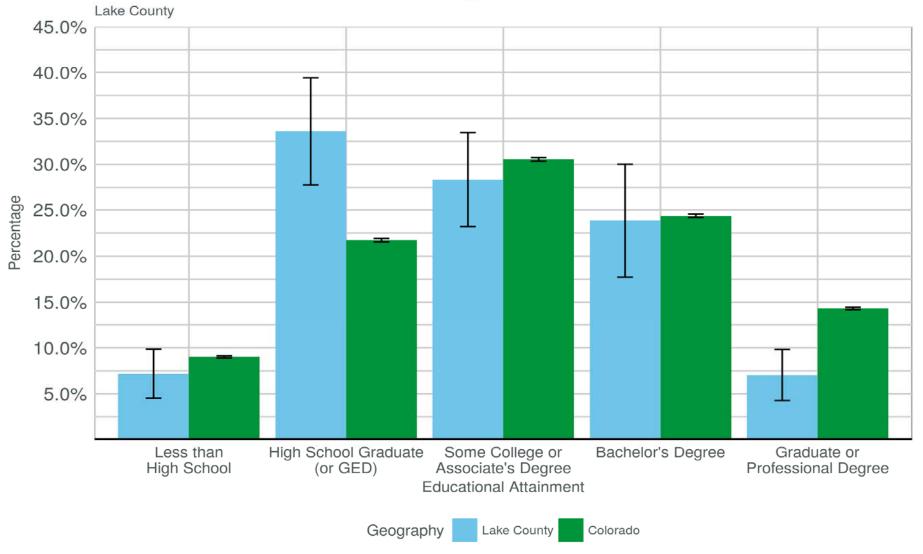
Source: U.S. Census Bureau, 2012-2016 American Community Survey. , Print Date: 04/20/2018

Educational Attainment, Persons Age 25 and Older



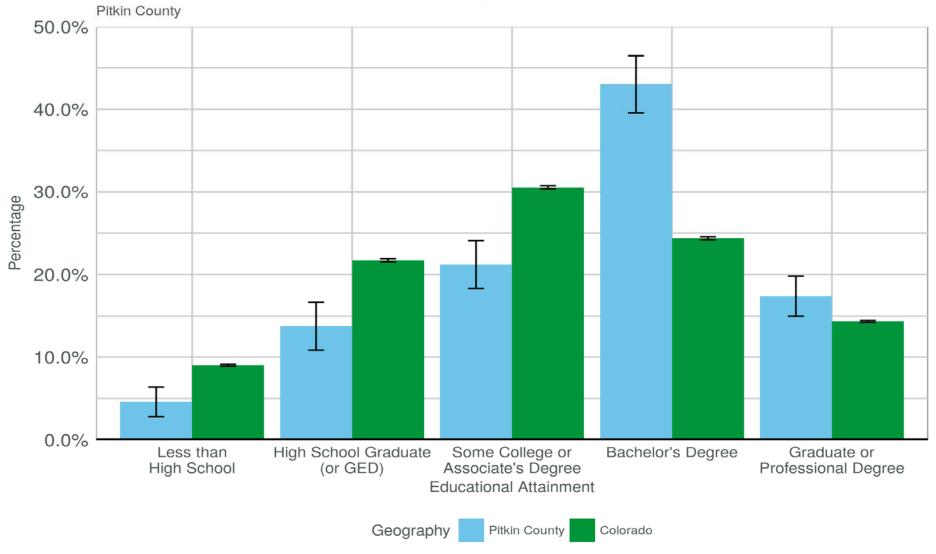
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Educational Attainment, Persons Age 25 and Older



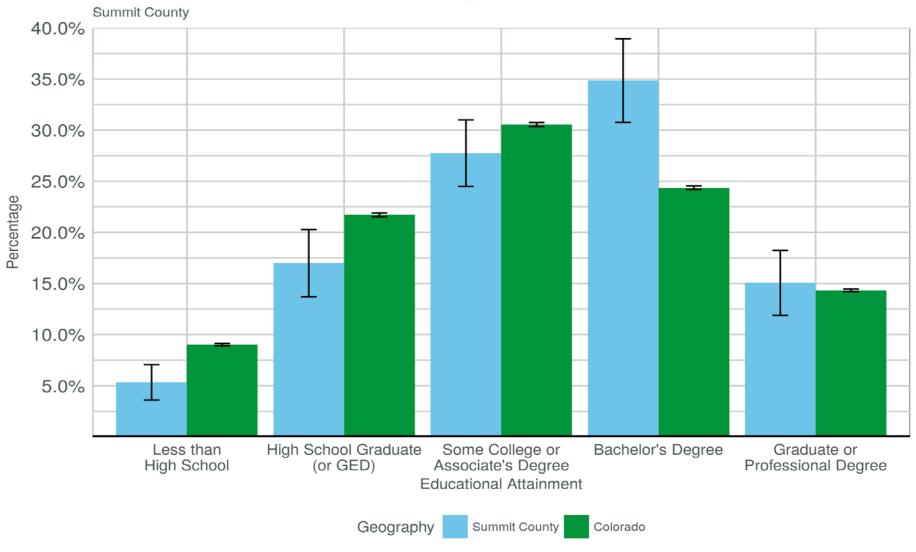
Source: U.S. Census Bureau, 2012-2016 American Community Survey, Print Date: 07/23/2018

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