### **Growing Forward** Population Trends impacting Colorado's School-Age Population

Colorado Charter School Institute, November 2022

Nancy Gedeon State Demography Office, Department of Local Affairs Demography.dola.colorado.gov



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# Trends

- Population growing at a slowing rate births down, deaths up
- Migration and mobility slowing
  - Harder to attract and retaining the best and brightest.
  - Labor tight very competitive in US
- Concentrated growth
- Aging impacts everything... including the economy, labor force, housing, and public finance.
  - Largest share of future growth is the 65+
- Increase racial and ethnic diversity.



# 2020 Census Count

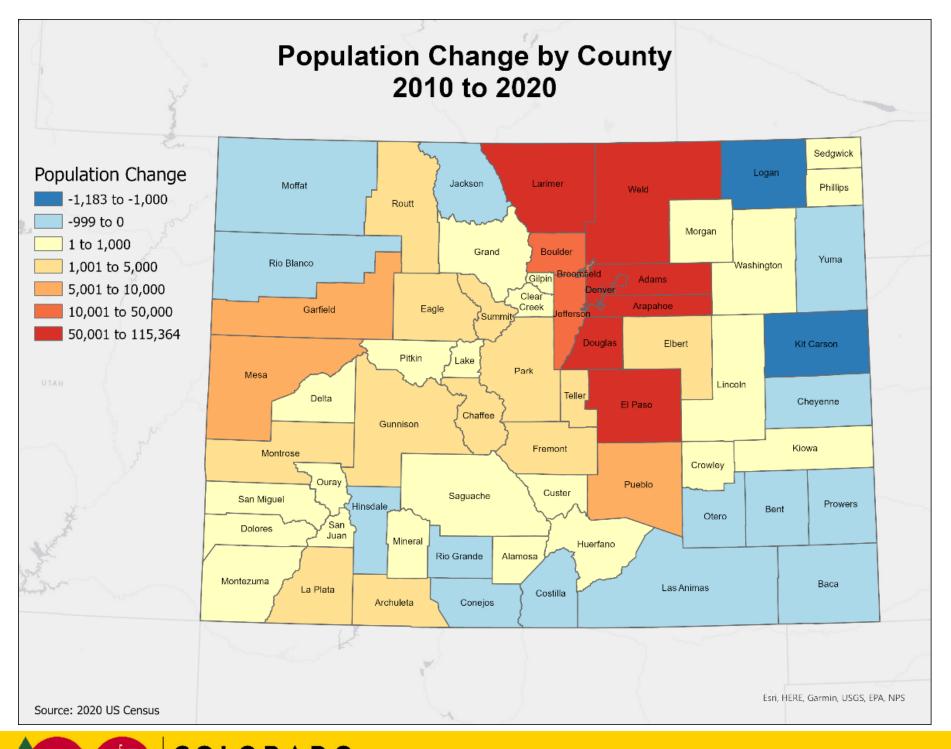
US - 331.5 million, + 22.7 million, 7.4% since 2010

- Second slowest growth rate on record
- **CO 5,774,000**, + 744,500, 14.8% since 2010
  - 6<sup>th</sup> ranked percent change, 9<sup>th</sup> in numeric change
  - Colorado gained an 8<sup>th</sup> seat

2020-2021 - Slowest US growth rate on record of 0.1%

- 17 states lost population
- Colorado + 27,700. 0.5% growth rate
- Net Migration 14,700
- Ranked 17<sup>th</sup> in percent growth and 11<sup>th</sup> in total growth

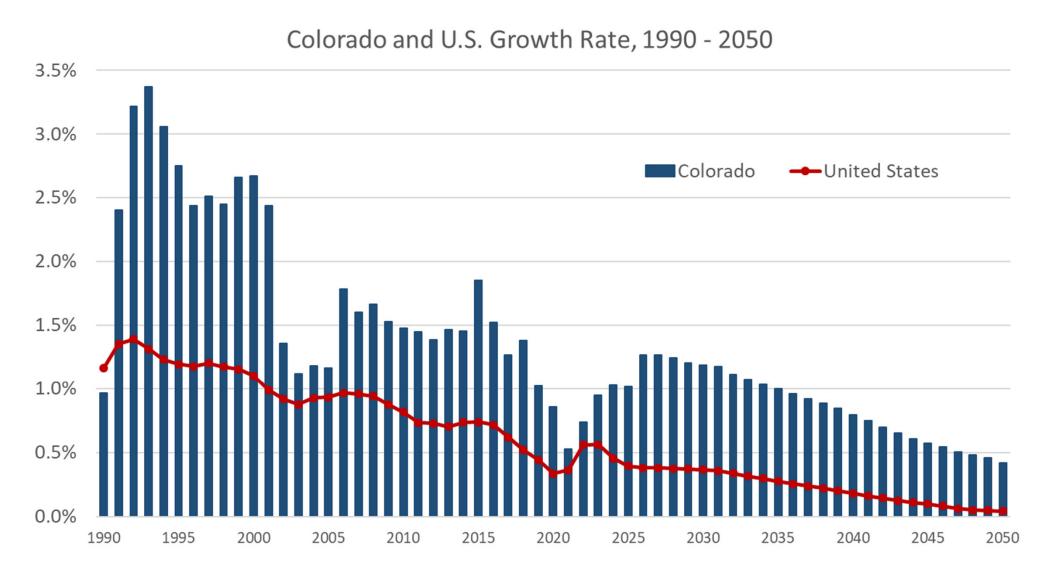




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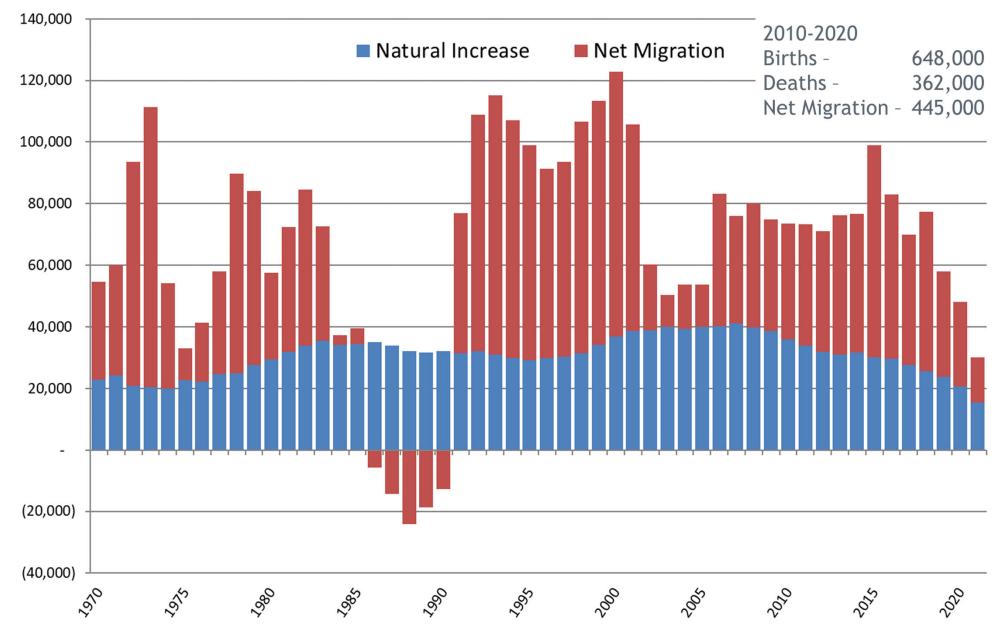
Source: 2010 and 2020 Census, U.S. Census Bureau

# Population growth is slowing



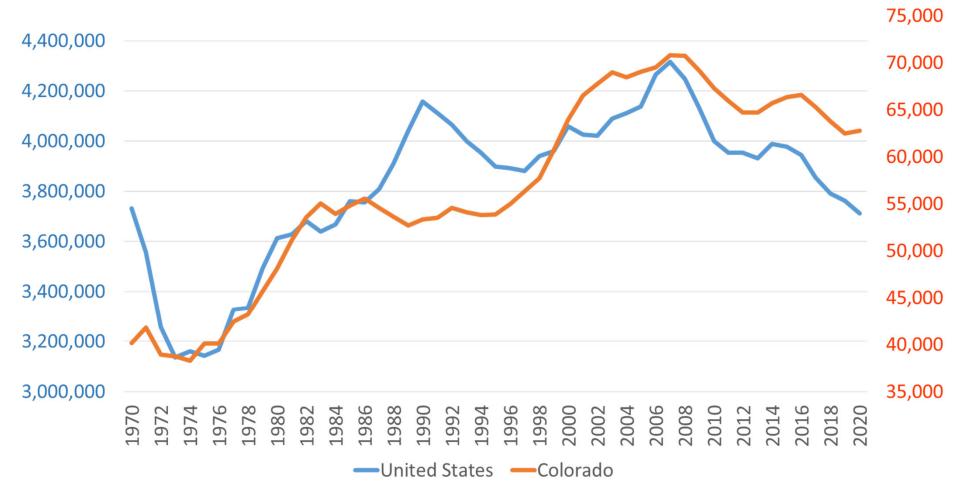


### Components of Population Change 1970-2021





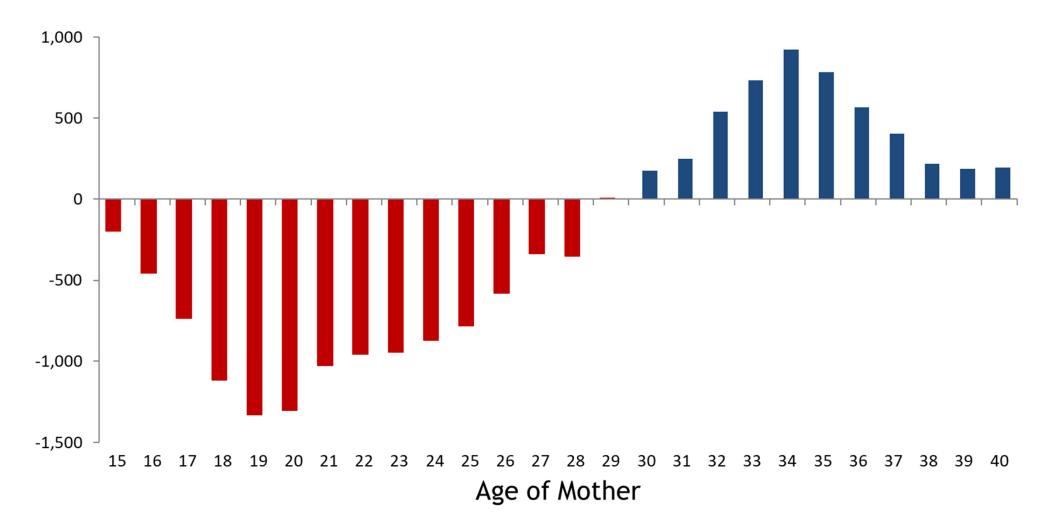
### Births in Colorado and the US



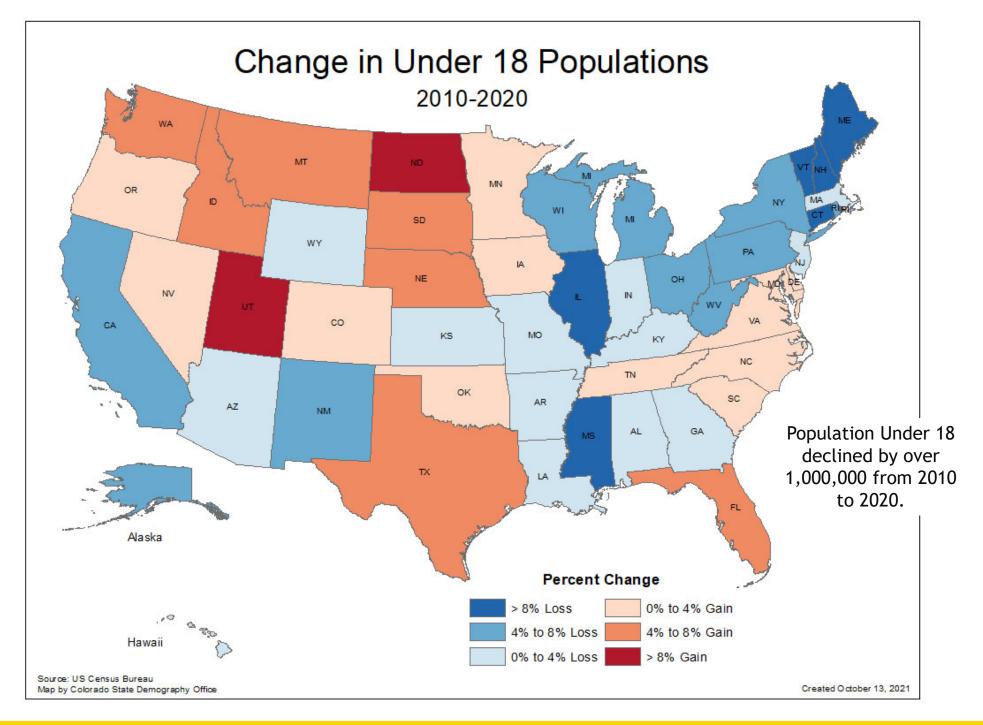
Peak Births in 2007, currently 15 years old Peak Millennial Born in 1991 and is 31 years old 180,000 more women age 15-45 in 2020 than in 2007 525,000 fewer births in 2020 than 2007 for the US, 8,000 fewer in Colorado



# Change in births by age of mother 2009 to 2020, Colorado

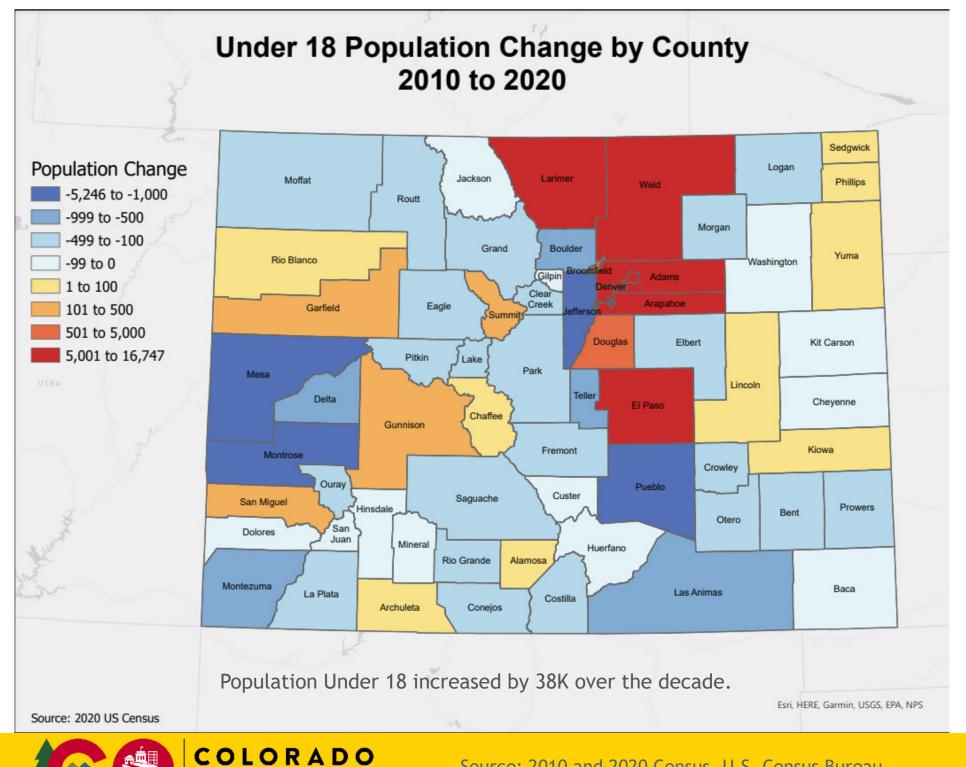






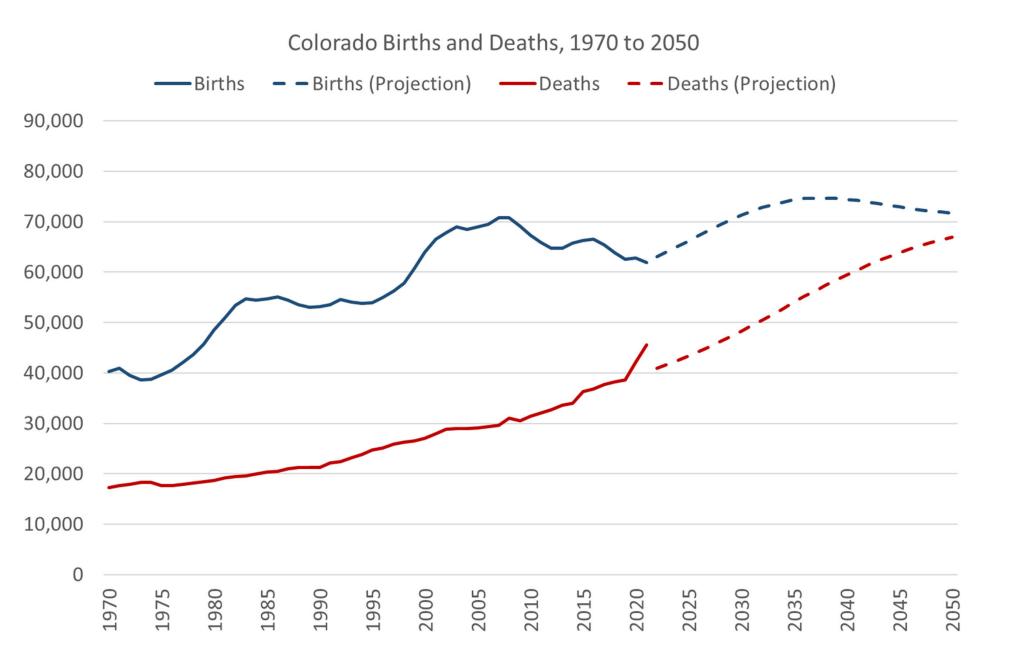


Source: 2010 and 2020 Census, U.S. Census Bureau

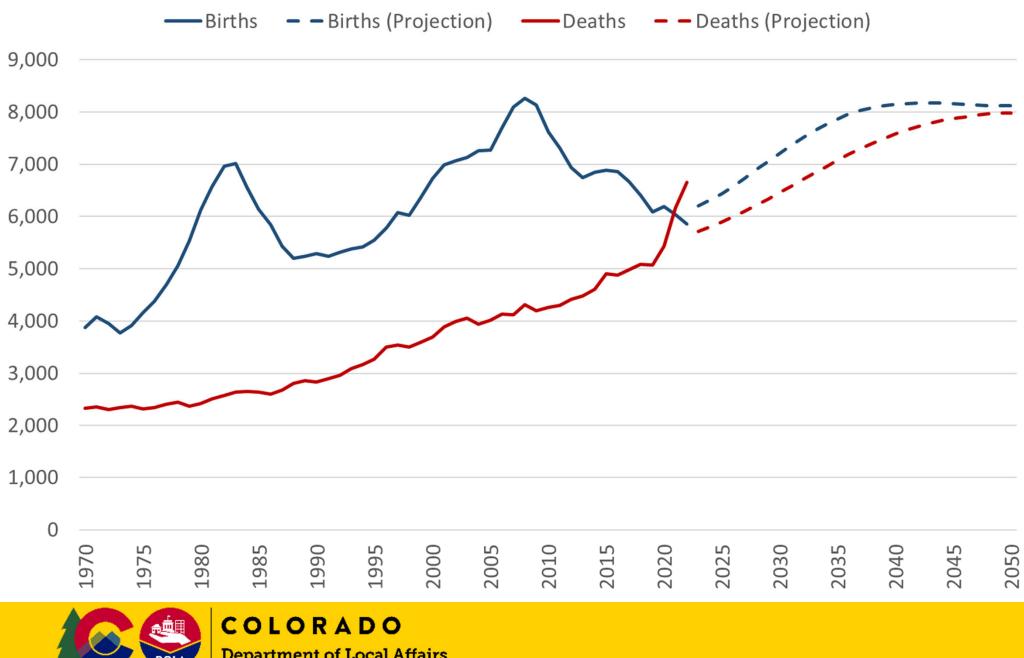


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Source: 2010 and 2020 Census, U.S. Census Bureau





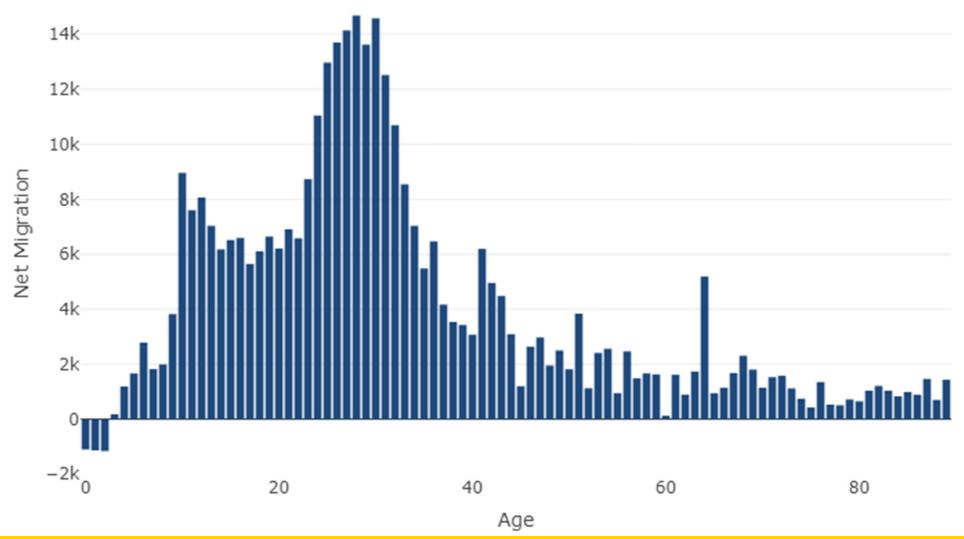


### Western Slope and North Central Mountains Births and Deaths, 1970 to 2050

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# Colorado

Net Migration by Age, 2000 to 2010

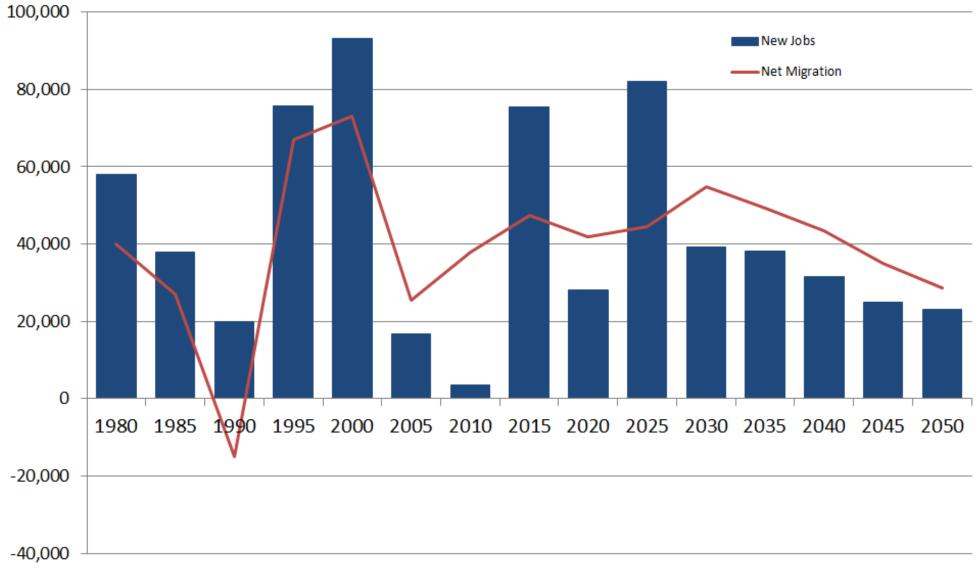




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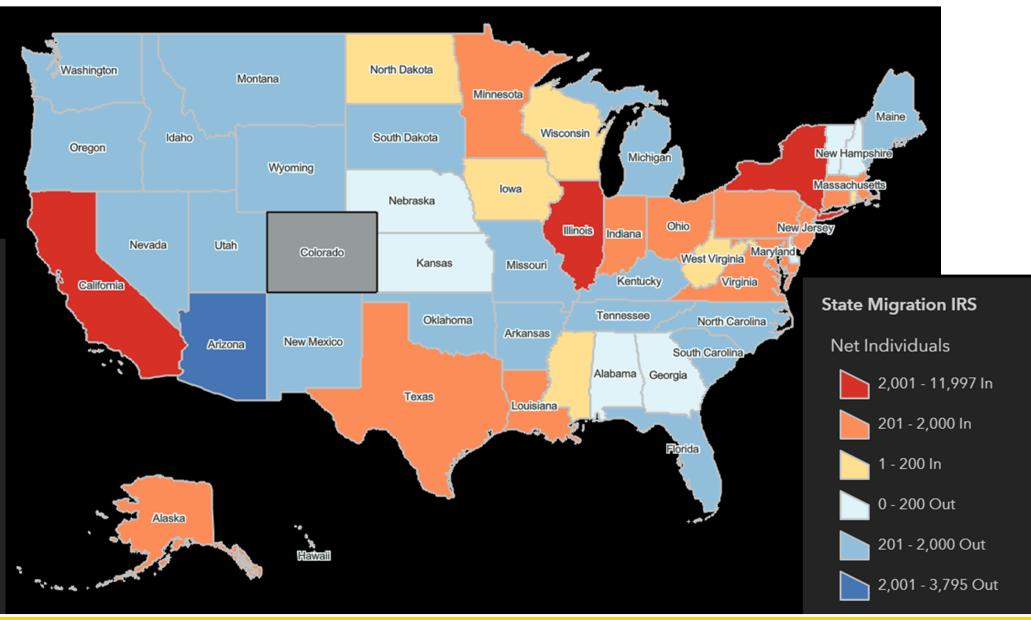
### **Colorado New Jobs and Net Migration**



# **Jobs Are People**



# Net Migration 2019-2020

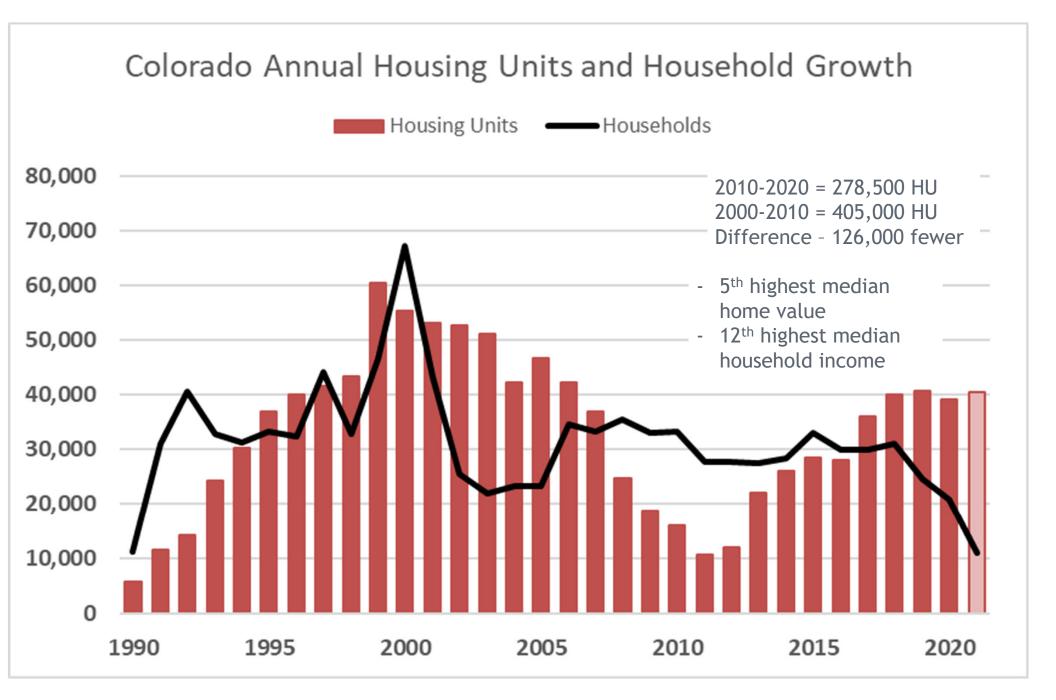




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Source: IRS 2019-2020





# Median Home Value

Colorado: 5<sup>th</sup> Highest Median Home Value 12<sup>th</sup> Highest Median Household Income



\$1 to \$157,599 \$157,600 to \$202,099 \$202,100 to \$244,899 \$244,900 to \$290,199 \$290,200 to \$343,499 \$343,500 to \$398,799 \$398,800 +

✓✓



ACS 2016-2020

? About

- Help

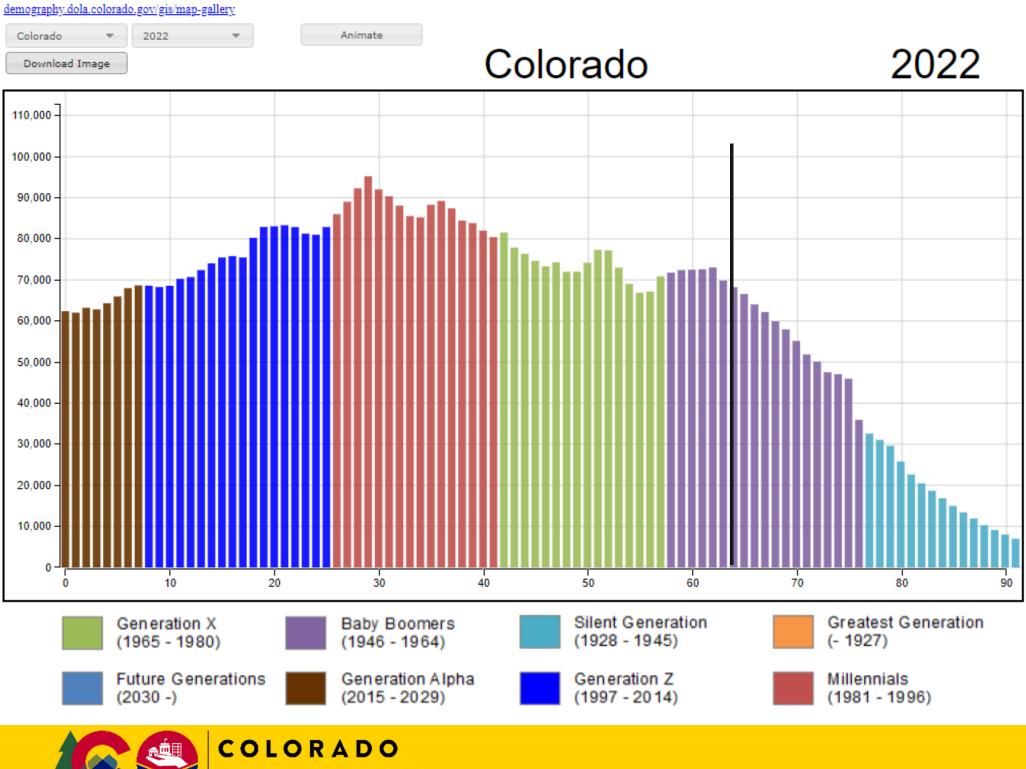
Advanced

Source: 2016-2020 American Community Survey 5-Year Estimates

## Age Matters

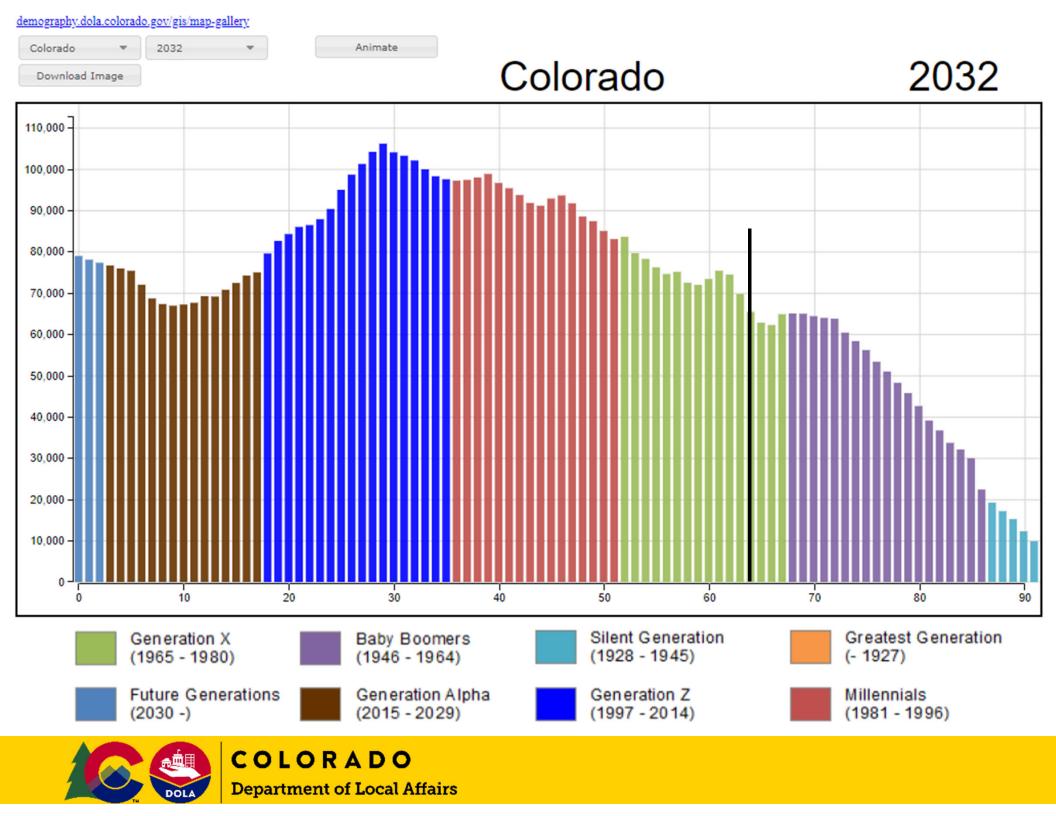
- Preferences where people shop and what they buy.
- Housing type, size, mobility
- Labor Force
- Income
- Service Demands

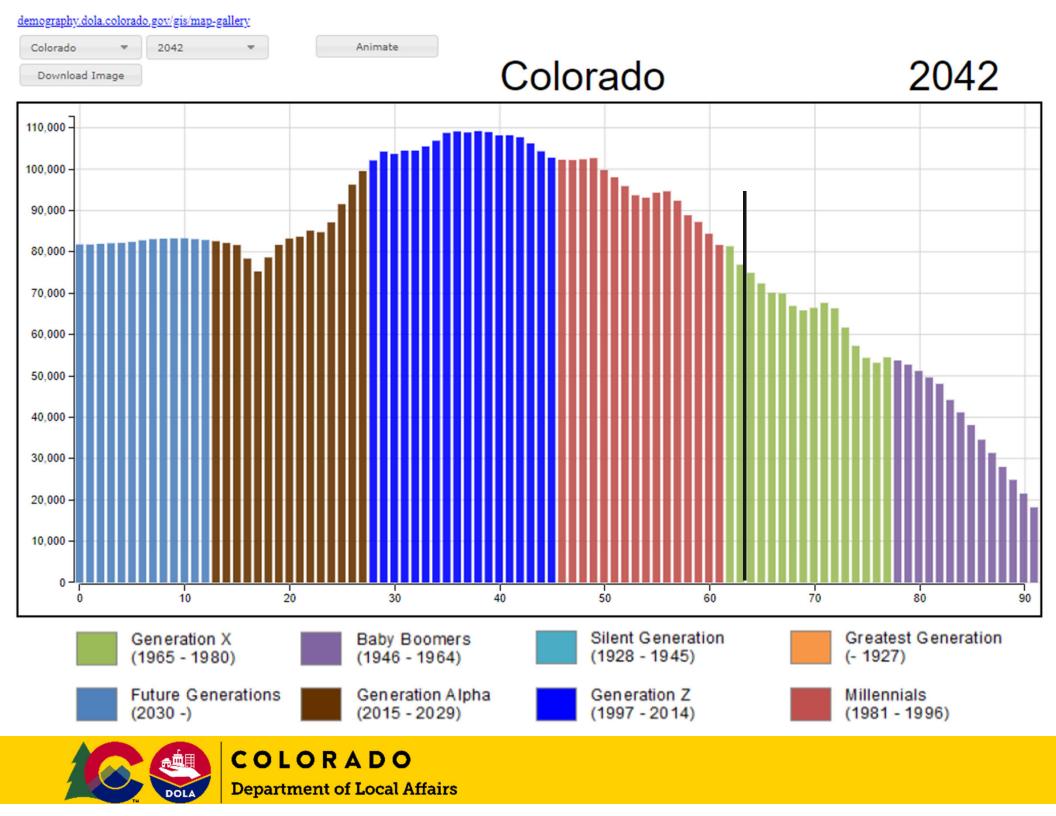




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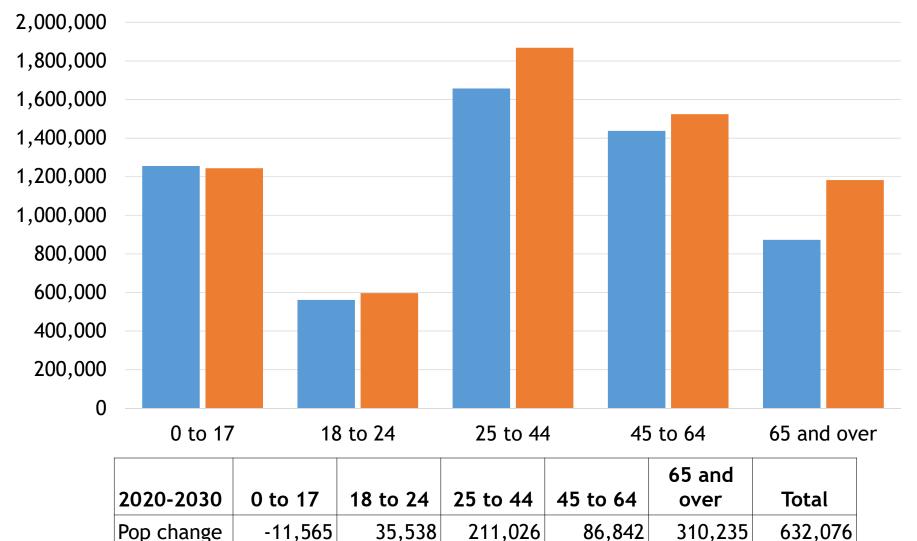
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# Forecast by Age Group - Colorado

2020 2030



6.3%

Source: State Demography Office, Vintage 2021

12.7%

6.0%

35.6%

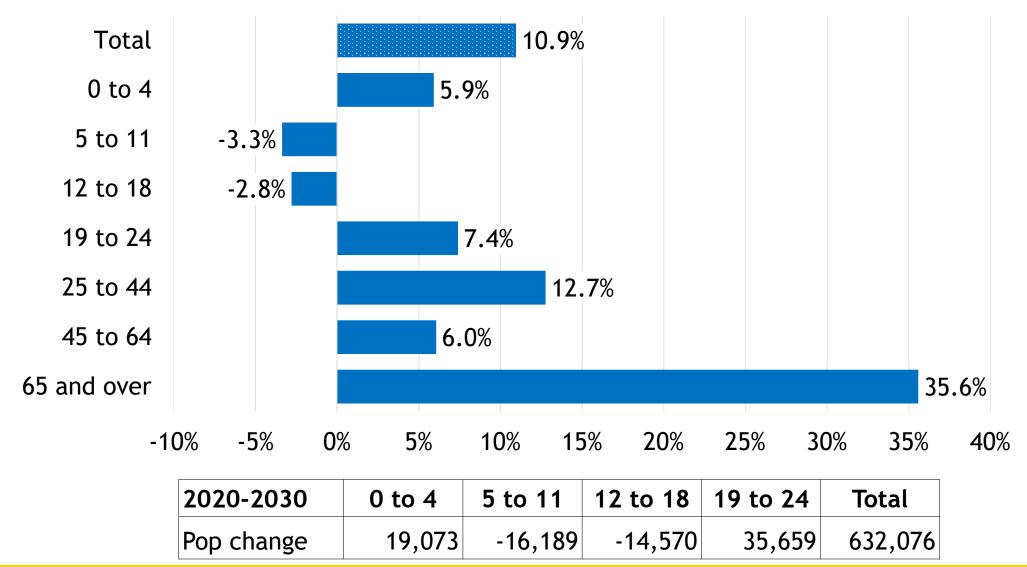
10.9%

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% change

-0.9%

### Change by Age Group 2020-2030 Colorado



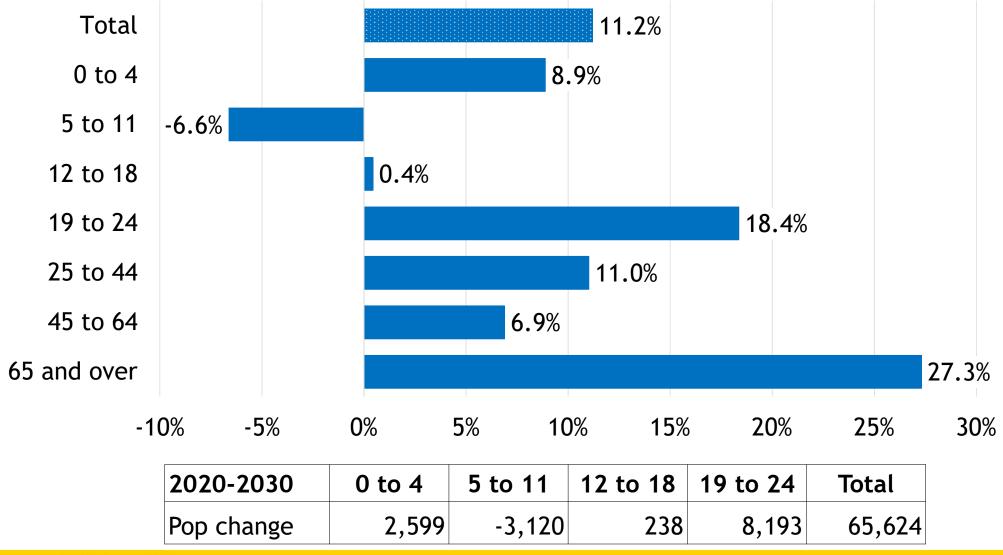


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Source: State Demography Office, Vintage 2021

### Change by Age Group 2020-2030 Western Slope



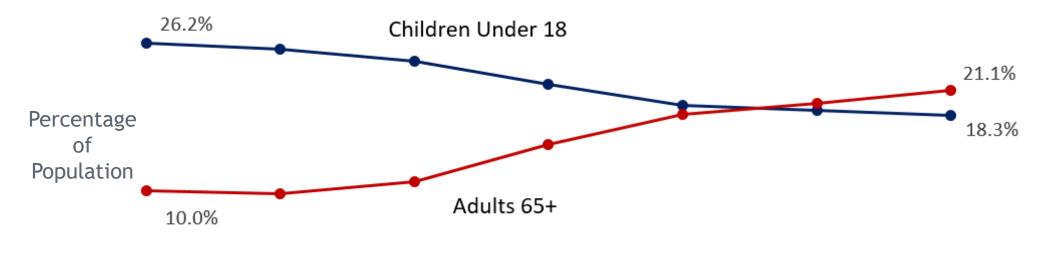


Source: State Demography Office, Vintage 2021

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Colorado Aging





# Implications From Aging

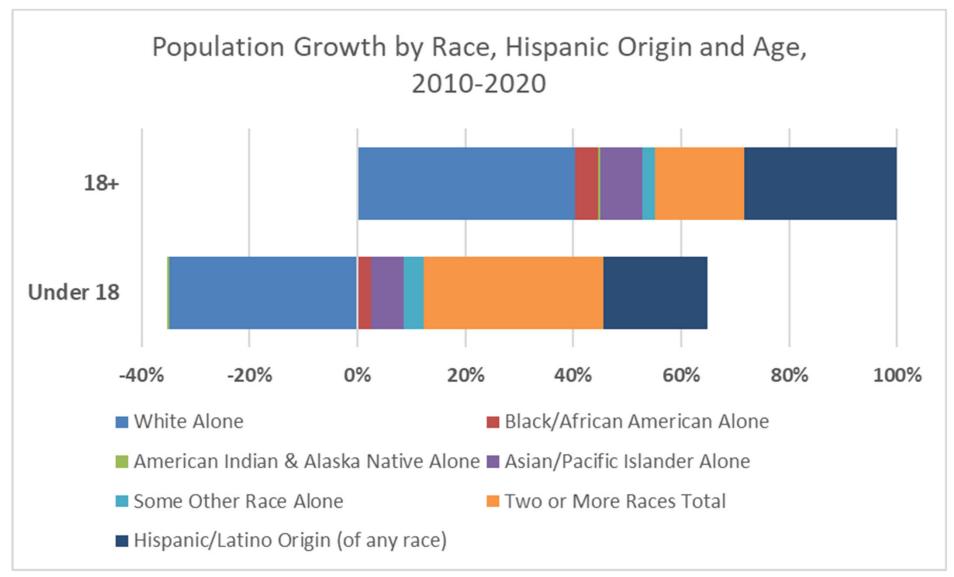
- Slowing young adult growth next decade across US
- Consumer demand driving job creation occupations
- Labor force older, retirements, tight labor force
- Housing household size, lower household turnover
- Public finance
- Downward pressure on income tax, sales tax, and property tax.
- Increase demand for services
- Increased Advocacy for Aging resources
- Advocacy for school age??



# Race and Ethnicity We are becoming more diverse



### Population Change by Race and Ethnicity



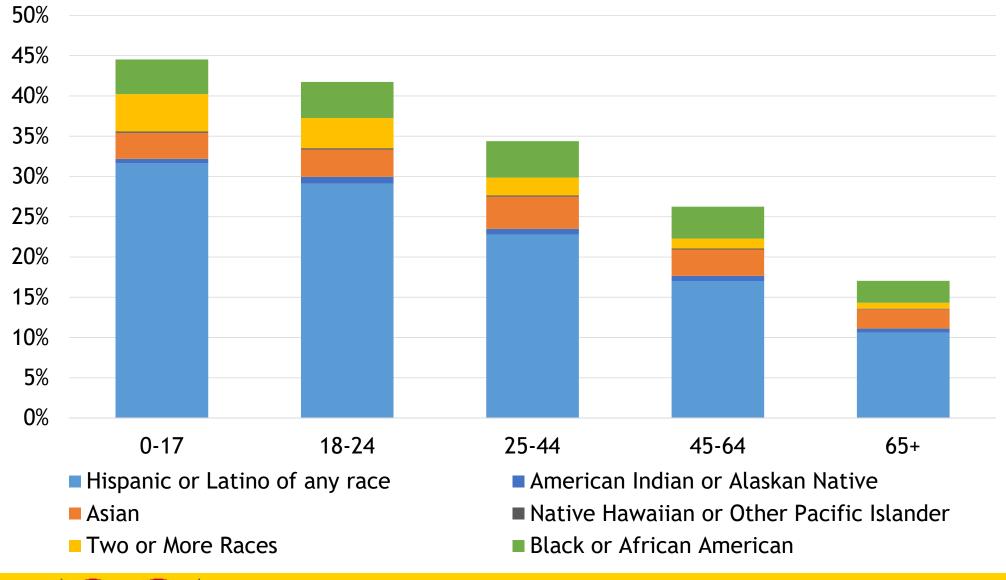
Growth in two or more due to both growth in the population as well as new methods for processing the data. Use caution comparing over time.



Source: U.S. Census Bureau, 2010 and 2020 Censuses

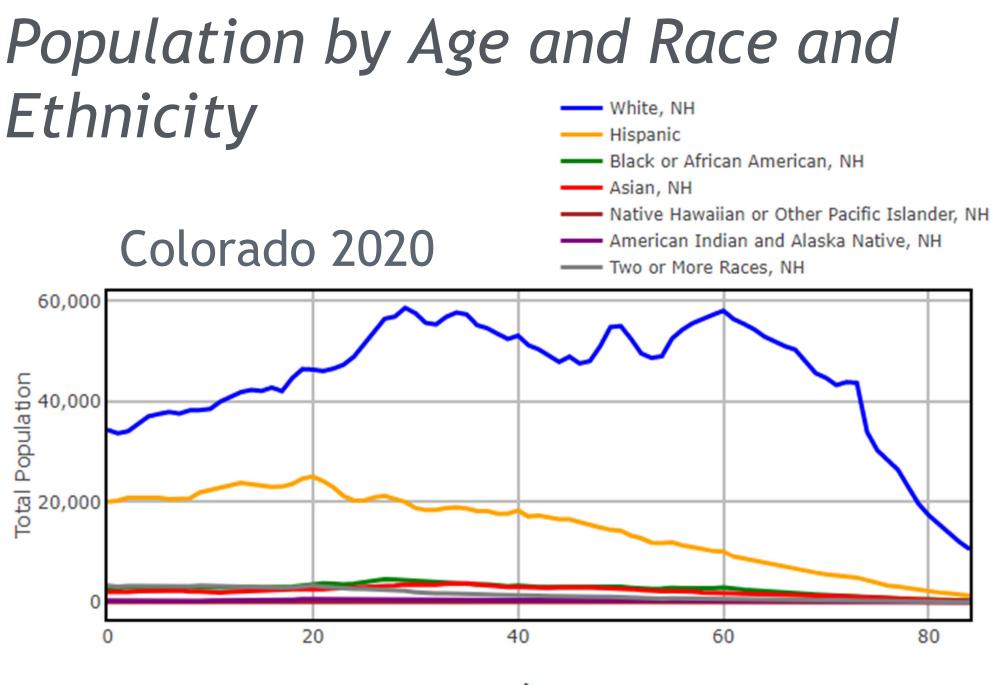
Diversity by Age

### 2020 People of Color Share of Population by Age



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Source: State Demography Office



Age

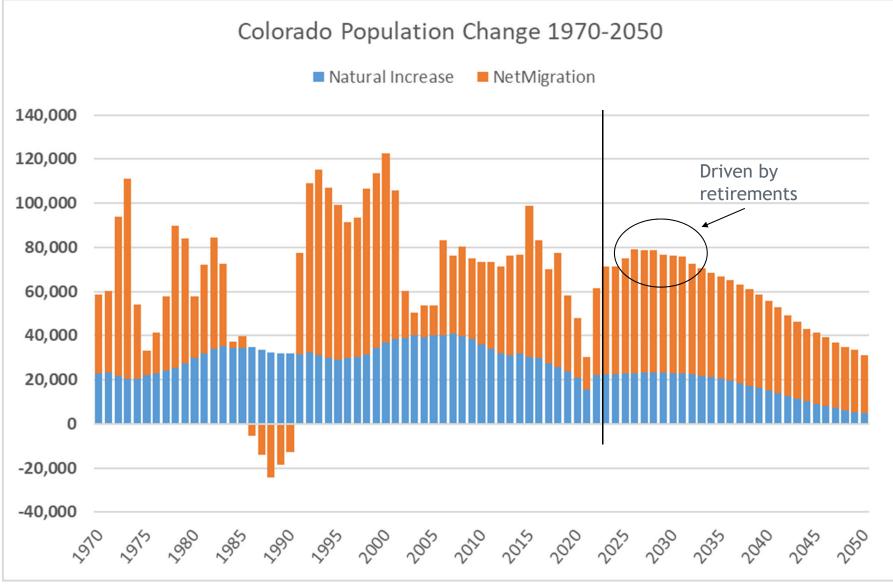


Source: State Demography Office

# Diversity Impact

- Educational attainment
- Supply of qualified workers
- Income correlation to education
- Economy 70% driven by consumer expenditures
- Homeownership wealth
- Income impact





### Assumptions

Fertility rate stabilizes below replacement

Life expectancy increases

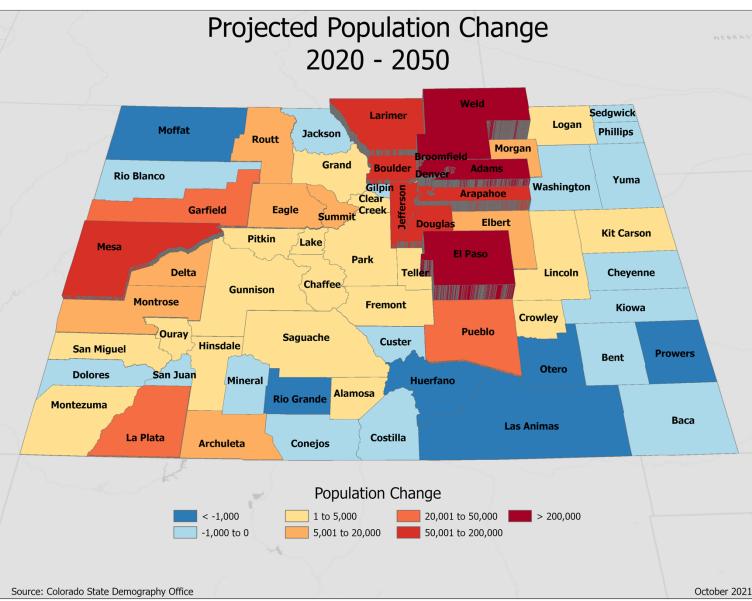
Colorado remains competitive and continues to attract young adults



State Demography Office, 2021

# **Population Forecast 2050**

### 7.5 million



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<u>Change 2020-2050</u> State: 1.8 million Front Range: 1.6M Western Slope: 190K Central Mtns: 1K San Luis Valley: -2K Eastern Plains: 7K

### **Uncertainties**

Water International migration Relative housing costs National competitiveness Aging Remote workers Infrastructure Pandemic National natural disasters

State Demography Office, 2021

### State Demography Office demography.dola.colorado.gov



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### State Demography Office

The primary source for Colorado population and demographic information

The State Demography Office provides population estimates and forecasts for Colorado's regions, counties, and municipalities developed by the State Demography Office and the U.S. Census Bureau.

You can access data visualizations, data spreadsheets, data lookup applications, data spreadsheets, data links, and technical documentation by topic or geography by clicking on one of the buttons on the left.

New Items (10/10/2022)

- 2022 State Demography Summit, November 4, 2022. Register Now.
- SDO U.S. Census Count Question Resolution (CQR) Information
- 2020 Population Summary



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Select County: Colorado 🗸

Home	5		
Data	by	Topic	

Population Totals, Age & R
Births Deaths & Migration

Housing & Households

Economy & Jobs

Census Data and Resources

Ochisus Data anu No

GIS Data and Resources

Population Es	Population Estimates by Age		Single Year of Age Lookup	
Ages	Number, 2020	Number, 2021	2030 Forecast	
Total	5,784,140	5,814,672	6,416,216	
0 to 17	1,255,749	1,244,189	1,244,184	
18 to 24	561,243	564,194	596,781	
25 to 44	1,657,073	1,667,944	1,868,099	
45 to 64	1,437,494	1,435,048	1,524,336	
65 +	872,581	903,297	1,182,816	
Componen	ts of Change	Components of	<u>Change Lookup</u>	
Component	Number, 2020	Number, 2021	Change	
Births	62,806	61,976	-1.32%	
Deaths	42,146	46,499	10.33%	
Net Migration	28,583	15,074	-47.26%	
Rac	e/ Ethnicity: 2021	Race	Ethnicity Lookup	

Housing Characteristics: 2021	County Profile Lookup		
Housing Type	Number	Change from 2020	
Total Housing Units	2,543,322	1.68%	
Household Population	5,689,261	0.54%	
Group Quarters Population	125,446	0.00%	
Households	2,273,008	0.47%	
Household Size	2.5		
Annual Building Permits	56,524	39.67%	
Vacant Housing Units	270,314	13.11%	
Housing Tenure 2020	American Community Survey 201 2020 5-year data		
Housing Units	Number	Percentage	
Owner Occupied Housing Units	1,415,324	66.22%	

Selected Statistics: 2020		American Community Survey 2016- 2020 5-year data	
Торіс	Number	Change from 2011-2015 ACS	U. S. Rank
<u>% living in Poverty</u>	9.78%	$\checkmark$	44
<u>% with Bachelor's</u> <u>Degree+</u>	41.60%	↑	2
<u>Median Household</u> Income	\$75,231	↑	11
<u>Median Home</u> Value	\$369,900	↑	4
<u>Median Gross</u> <u>Rent</u>	\$1,335	=	7



ace/Hispanic Origin

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Home

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Hispanic		22.22%			1,291,936
White alone NH			67.13%		3,903,180
Black or African Am alone NH	erican		4.05%		235,552
Asian alone NH		3.3		5% 195,07	
Native Hawaiian or Pacific Islander alor		0.159			8,566
American Indian an Alaska Native alone	- 1	0.64%			37,367
Two or more NH			2.46%		143,014

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Main Publications Page

- · Crosstabs: A closer look at the Economics & Demographics of Colorado
- <u>Reports</u>
- Press Releases

Publications

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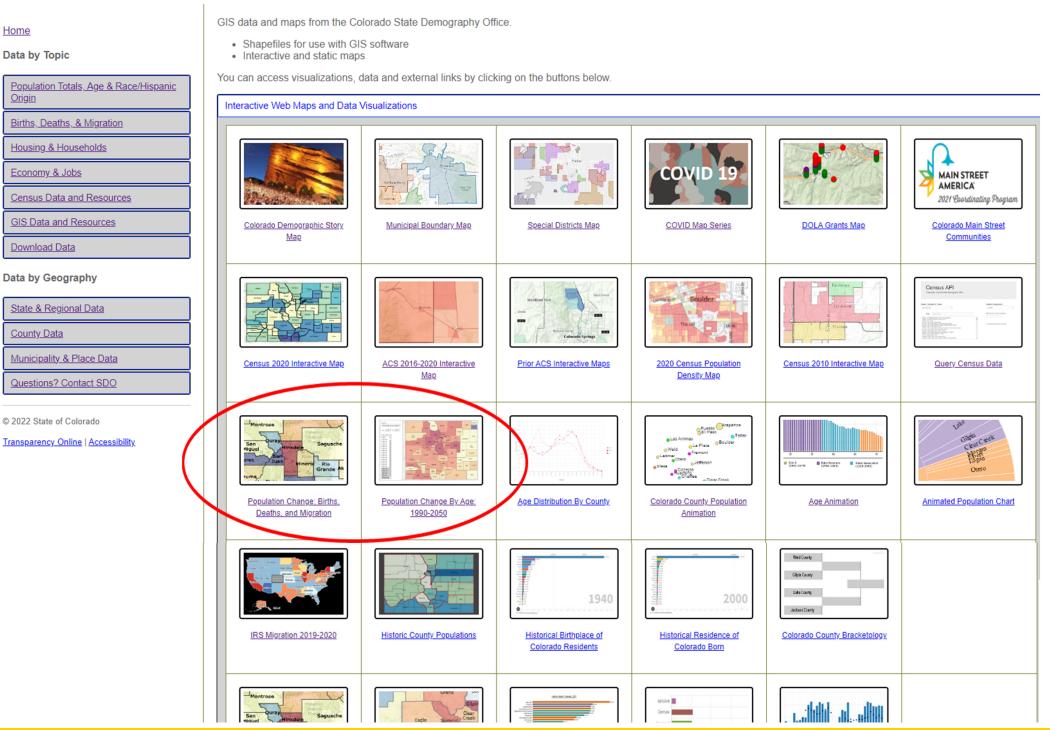
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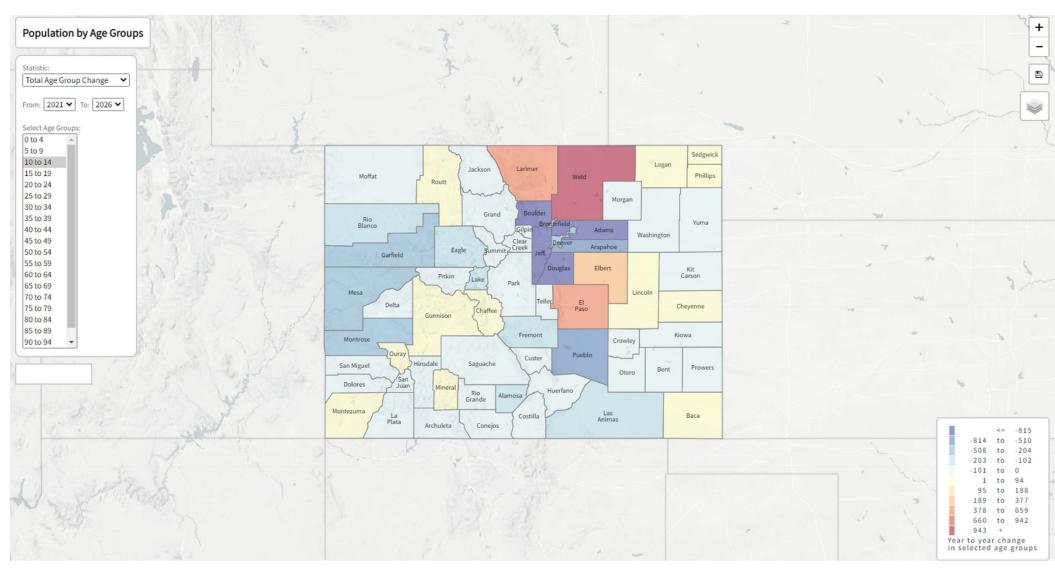




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### Colorado Age Map demography.dola.colorado.gov





https://coloradodemography.github.io/AgeMap/

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Home

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### Demographic Dashboard

### INSTRUCTIONS:

The following page shows graphs and charts for various datasets for Colorado, multi-county regions, and counties. Select the geography type and geography from the list below. You can hover over specific data points on each graph to view the data for that specific point.

Click on the download icon on the left of each chart to download the chart, the underlying data, and links to the data source.

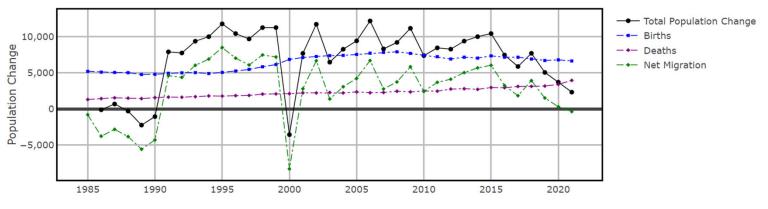
### This data visualization can only be viewed on a tablet or desktop.

Select Geograph	ny Type:
County ~	

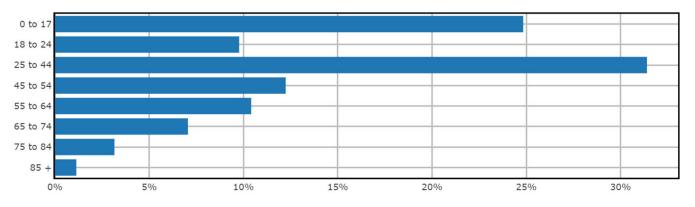
Select Geography: Adams County ~



Births, Deaths and Net Migration 1985 to 2021, Adams County



Population by Age Group 2021, Adams County



Percentage



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Home

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	Population Totals, Age & Race/Hispanic Origin	
--	---	--

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1 255 740

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Median Gross Rent	\$1,335	=	7	

Main Publications Page

· Crosstabs: A closer look at the Economics & Demographics of Colorado

0.15%

0.64%

2.46%

- <u>Reports</u>
- Press Releases

Native Hawaiian or Other

Pacific Islander alone NH

Alaska Native alone NH

American Indian and

Two or more NH

Publications

Select County: Colorado

Ages Total

0 to 17

Population Estimates by Age

- State Demography Summit Information and Archive State Demography Office Newsletter Sign-up
- State Demography Office Newsletter Archive
- Presentations
- Training/Webinars

### Data Tools and Resources

- SDO U.S. Census Count Question Resolution (CQR) Information
- COVID Map Series
- Interactive Maps and Applications
- SDO Data Download Page
- SDO Census Page
- Regional and County Demographic Dashboard
- Colorado Demographic Profiles
- <u>County Profiles</u>
- State and Region Total Population Lookup
- County Net Migration by Age Dashboard
- Resources for Colorado Area Agencies on Aging

### **Definitions/FAQ**

- Data Release Schedule
- Demographic Glossary: Common Demographic Terms
- About the State Demography Office
- Questions? Contact Us

**Census Bureau Resources and Definitions** 

- Census Bureau Page
- Explore Census Data: data.census.gov
- Understanding Census Definitions for Municipalities and Places
- What are Metropolitan & Micropolitan Statistical Areas?
- Urban & Rural Definitions



### COLORADO

**Department of Local Affairs** 



### Thank you State Demography Office Department of Local Affairs Nancy Gedeon <u>nancy.gedeon@state.co.us</u> 303-864-7755 Demography.dola.colorado.gov



COLORADO Department of Local Affairs