



### 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
  - 6th ranked percent change, 9th 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

#### **Population Change by County** 2010 to 2020 Sedgwick Population Change Logan Jackson Moffat Larimer Phillips Weld -1,183 to -1,000 Routt -999 to 0 Morgan 1 to 1,000 Boulder Grand Yuma Rio Blanco 1,001 to 5,000 Washington ' Gilpin Broomfield Adams 5,001 to 10,000 Arapahoe Creek 10,001 to 50,000 Garfield Eagle .Summit∫ 50,001 to 115,364 Douglas Elbert Kit Carson Pitkin Park Mesa Lincoln Teller Delta Cheyenne El Paso Chaffee Gunnison Fremont Kiowa Montrose Crowley Ouray Pueblo Custer Saguache San Miguel Prowers Hinsdale Bent Otero Dolores Juan Mineral Huerfano Rio Grande Alamosa Montezuma Baca Las Animas La Plata Costilla Archuleta Conejos

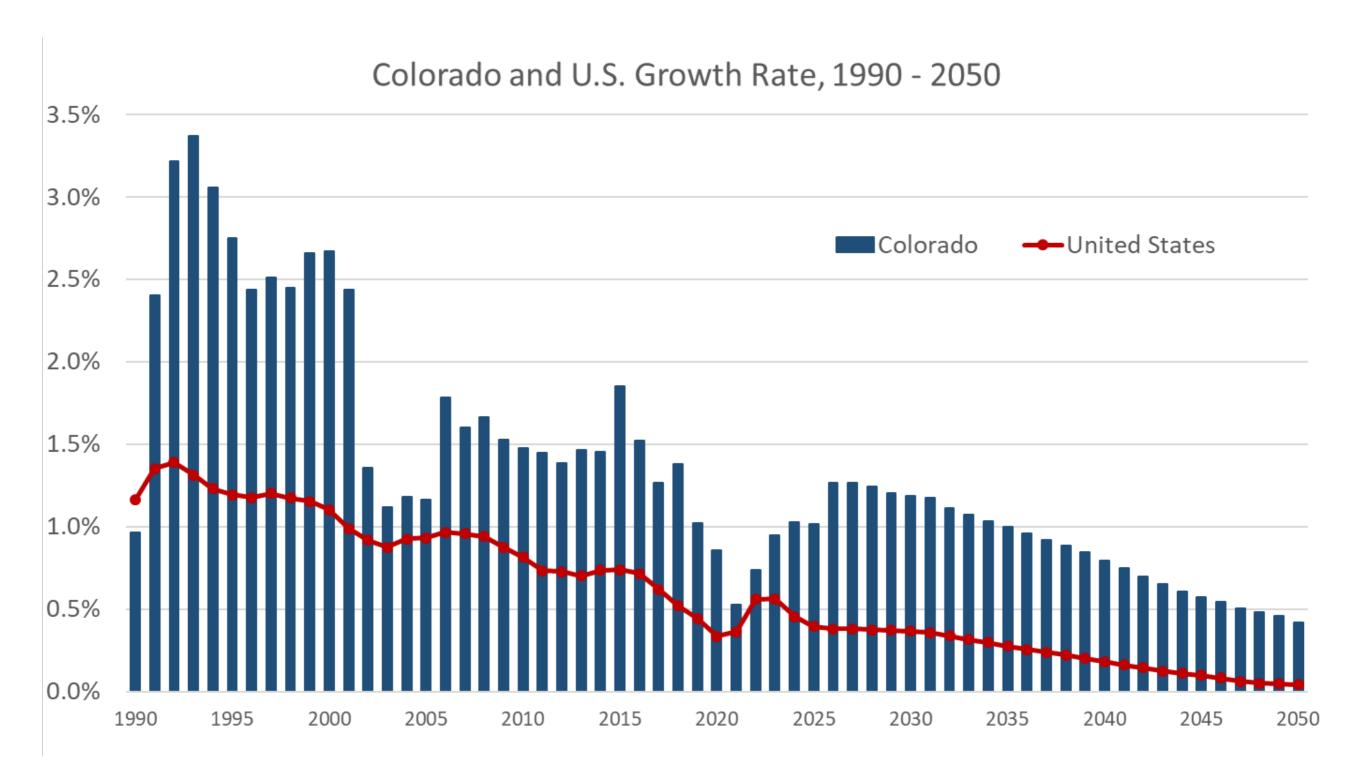


Source: 2020 US Census

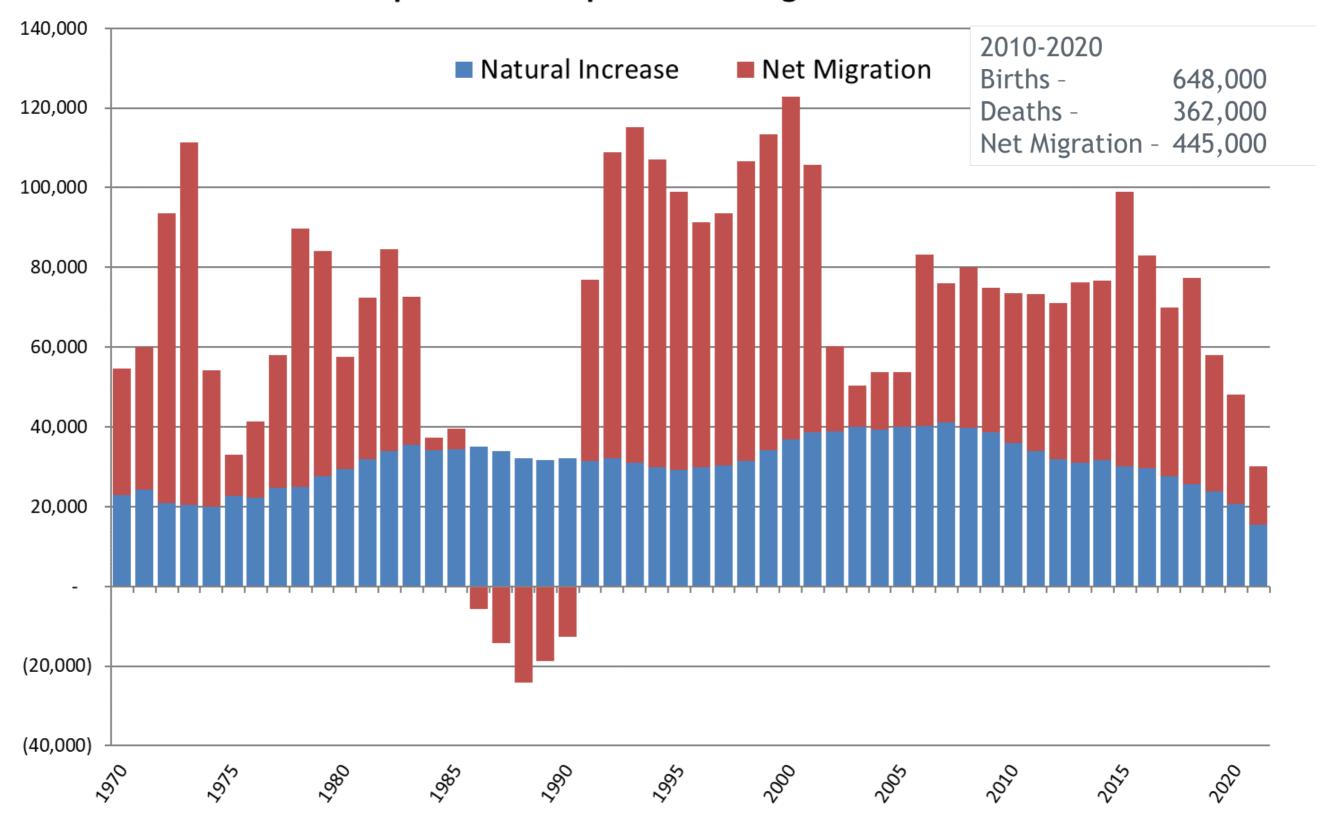
**Department of Local Affairs** 

Esri, HERE, Garmin, USGS, EPA, NPS

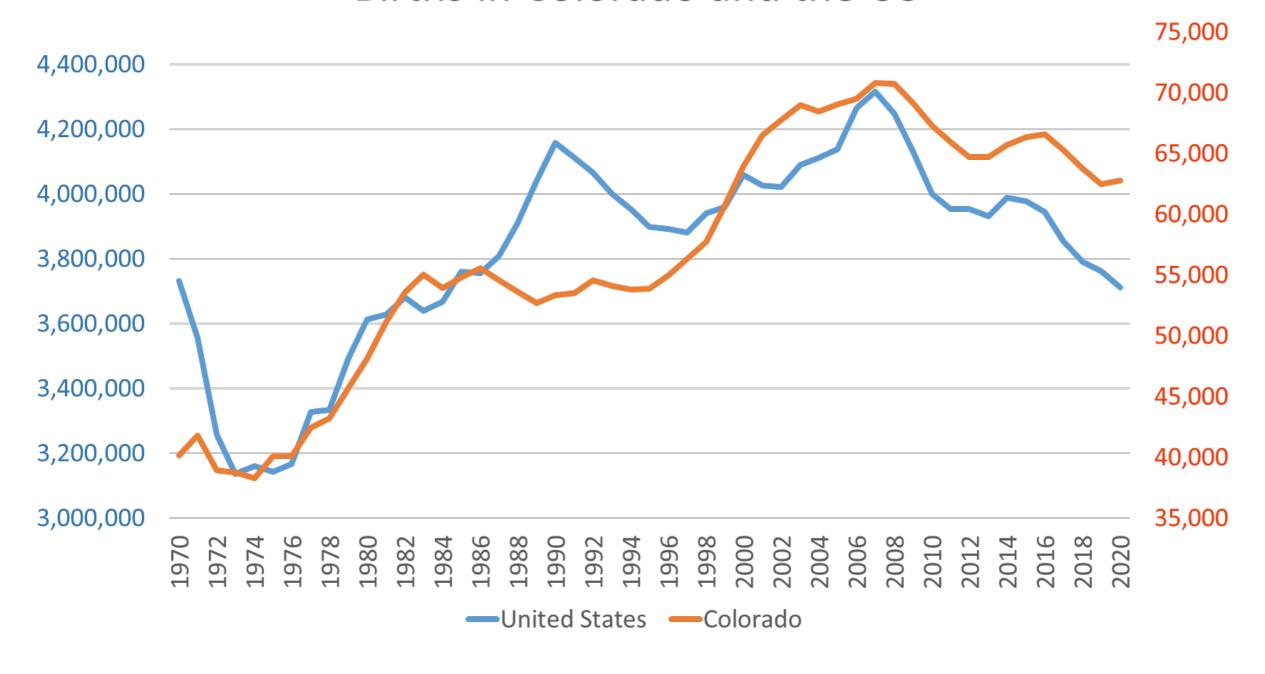
## Population growth is slowing



### **Components of Population Change 1970-2021**



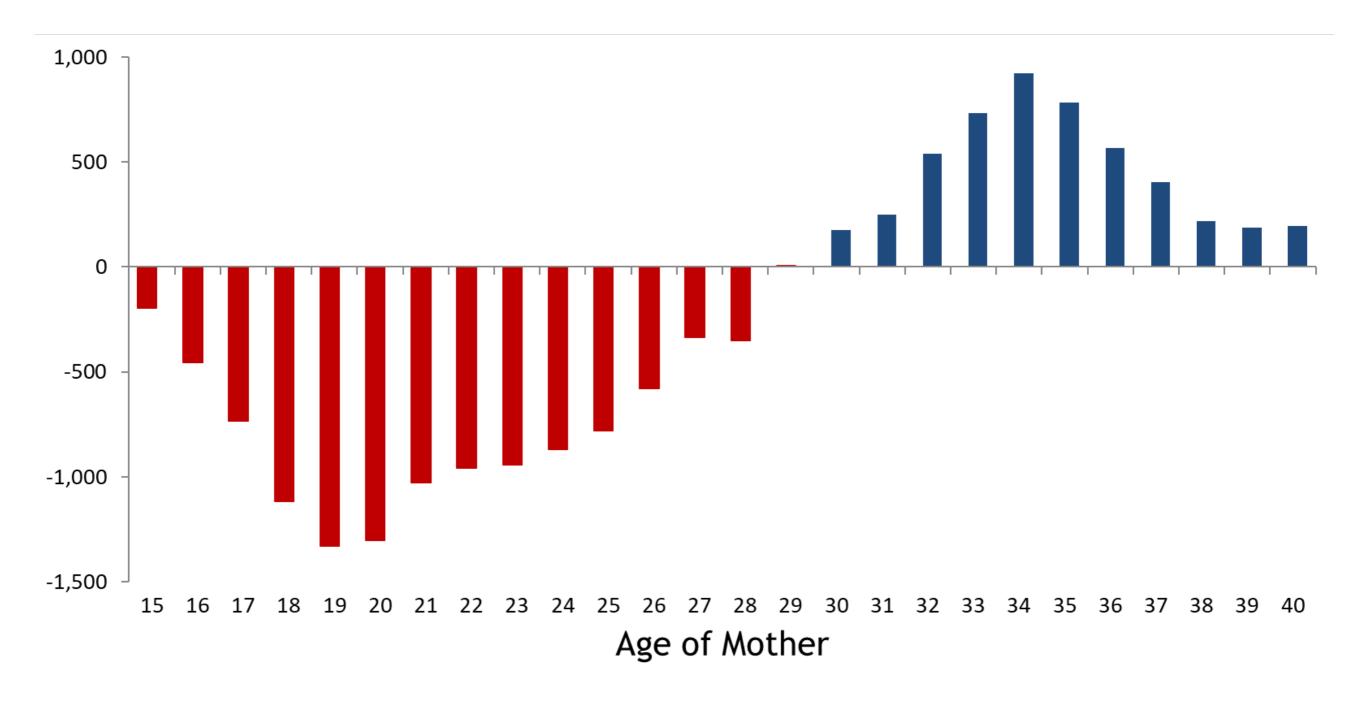
### Births in Colorado and the US

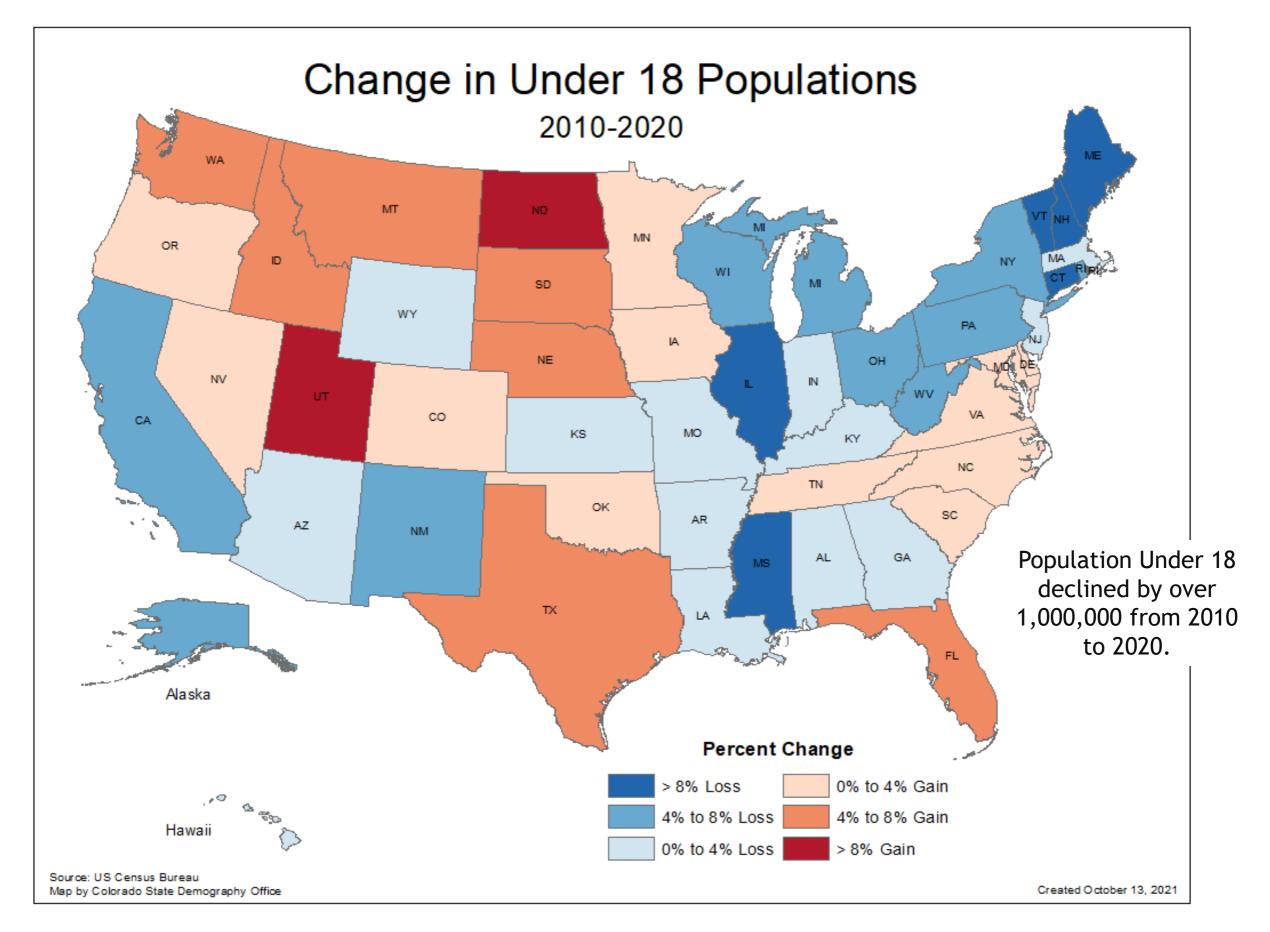


Peak Births in 2007, currently 15 years old Peak Millennial Born in 1991 and is 31 years old 180,000 more women age 15-45 in 2020 than in 2007 525,000 fewer births in 2020 than 2007 for the US, 8,000 fewer in Colorado



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





### Under 18 Population Change by County 2010 to 2020



-5,246 to -1,000

-999 to -500

-499 to -100

-99 to 0

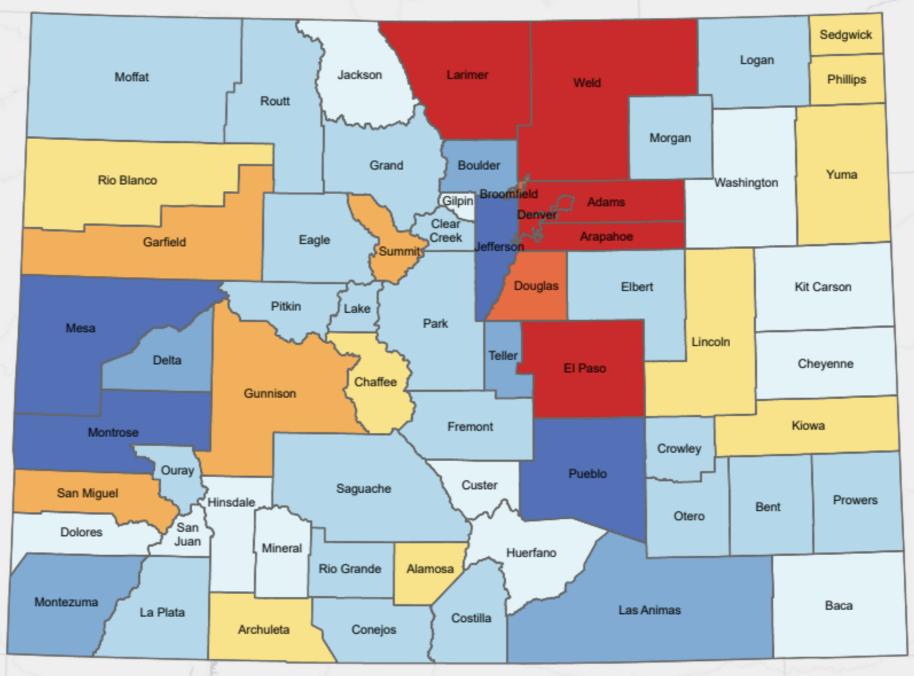
1 to 100

101 to 500

501 to 5,000

5,001 to 16,747

UTAH



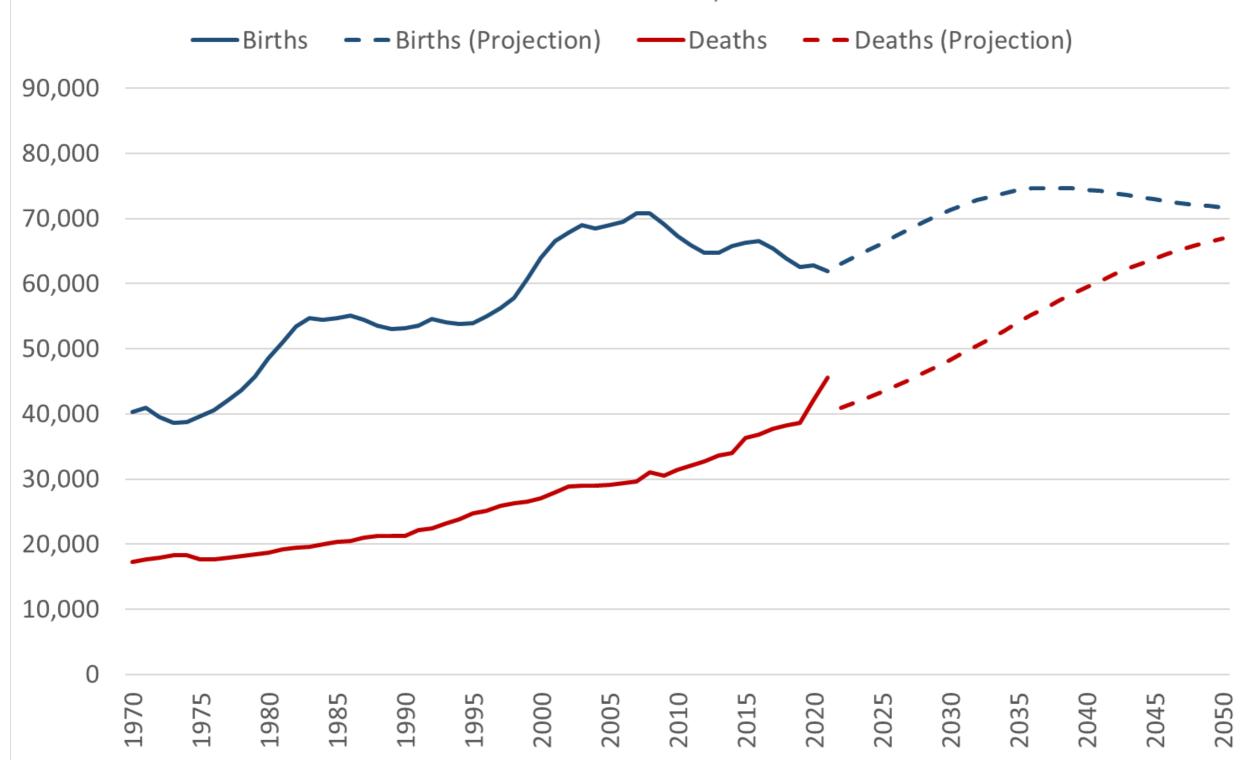
Population Under 18 increased by 38K over the decade.

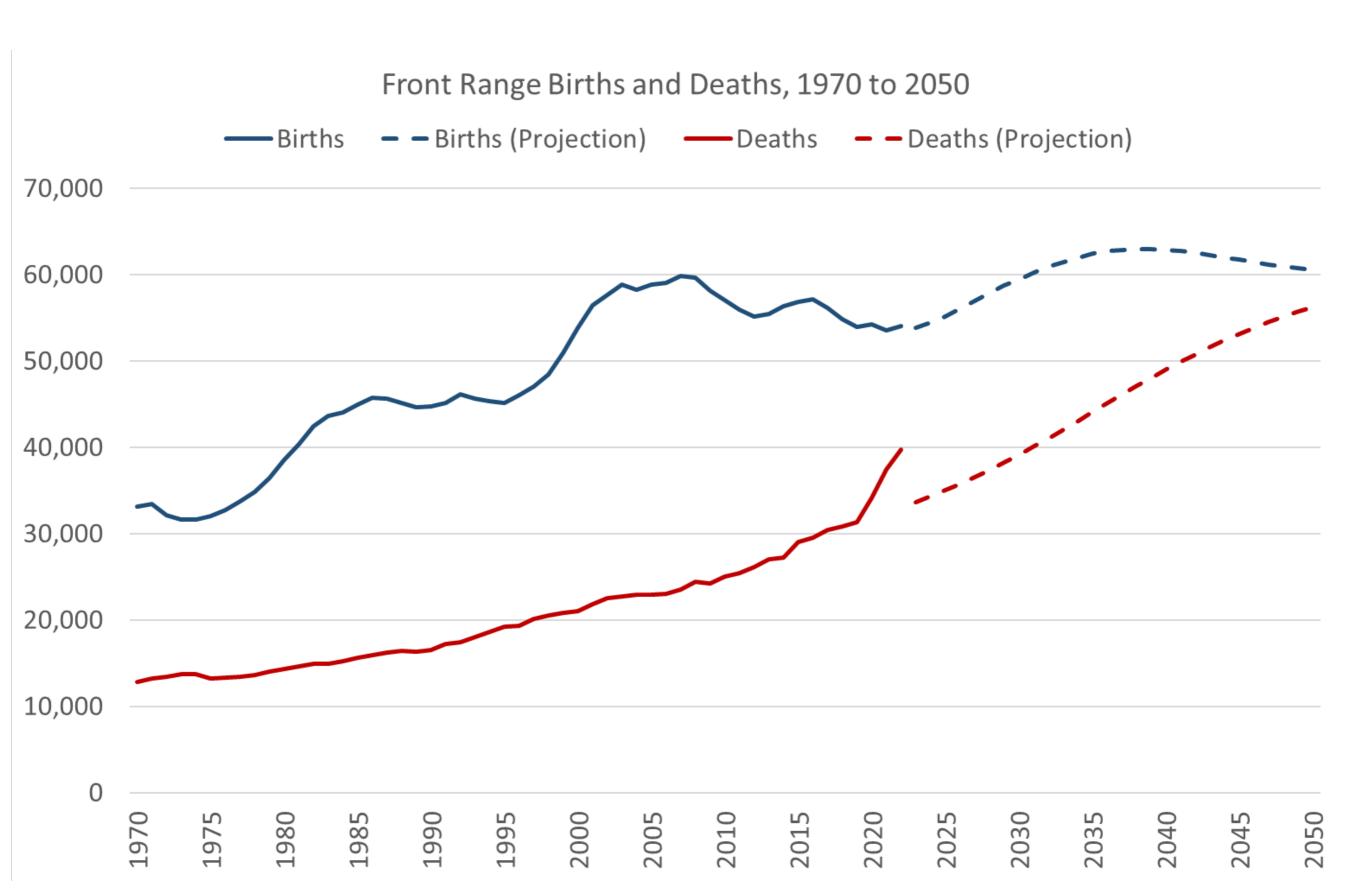
Esri, HERE, Garmin, USGS, EPA, NPS



Source: 2020 US Census

#### Colorado Births and Deaths, 1970 to 2050

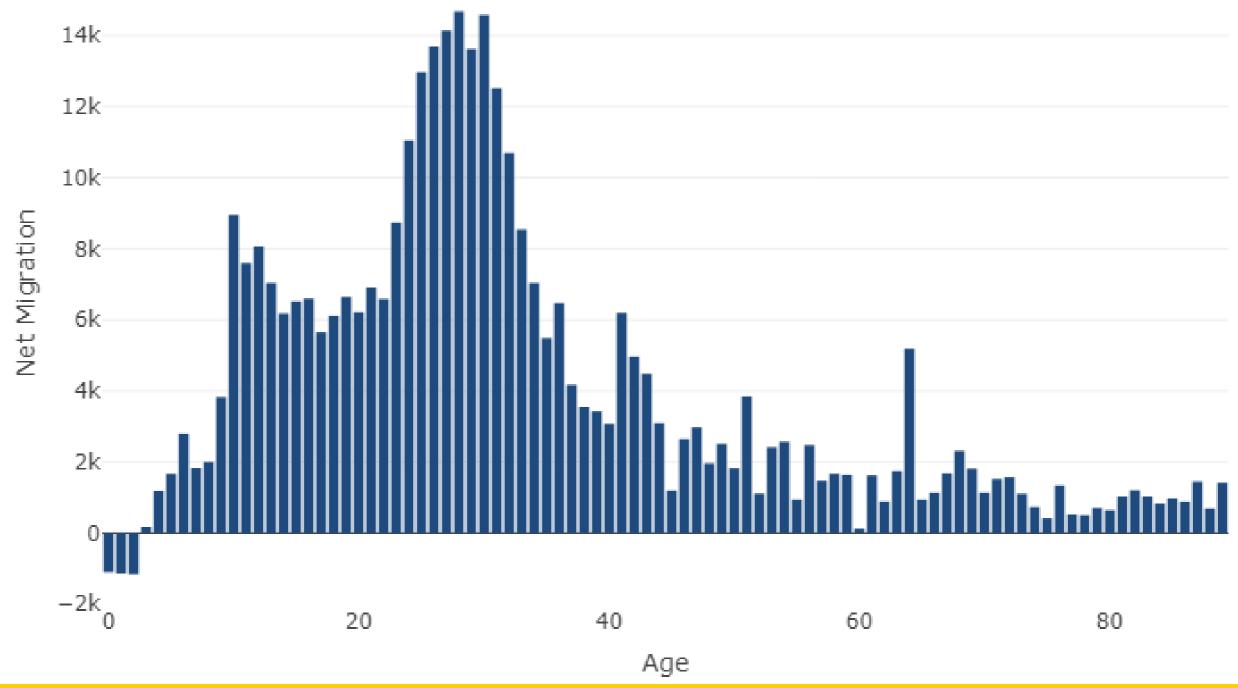






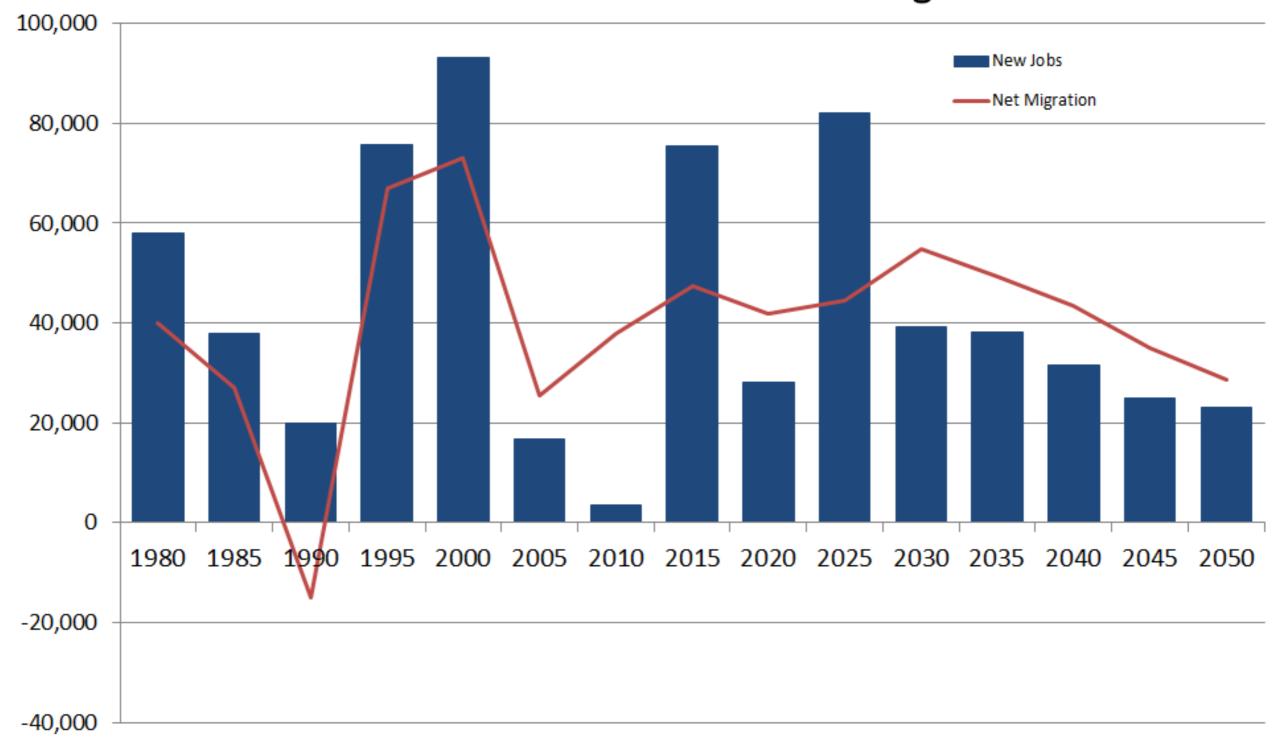
### Colorado

Net Migration by Age, 2000 to 2010





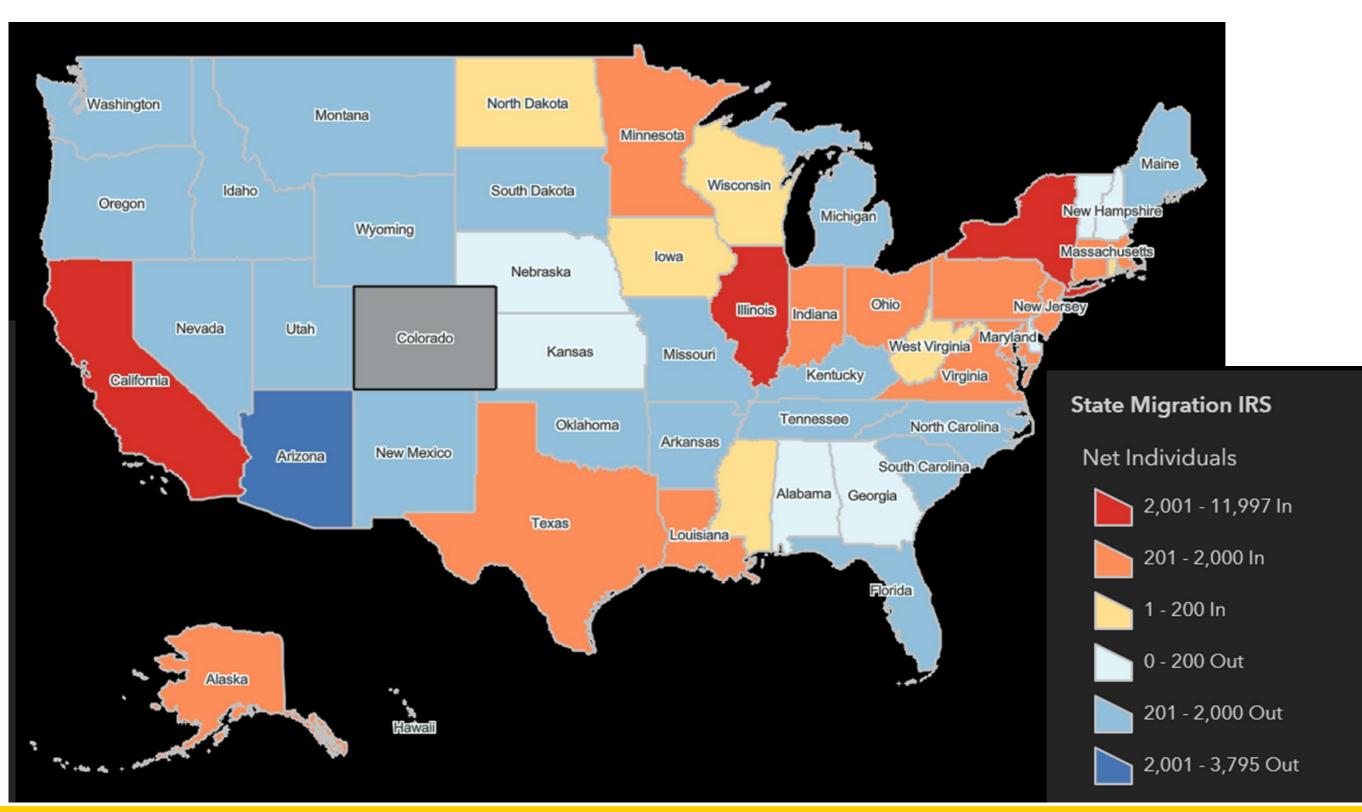
### **Colorado New Jobs and Net Migration**



# Jobs Are People



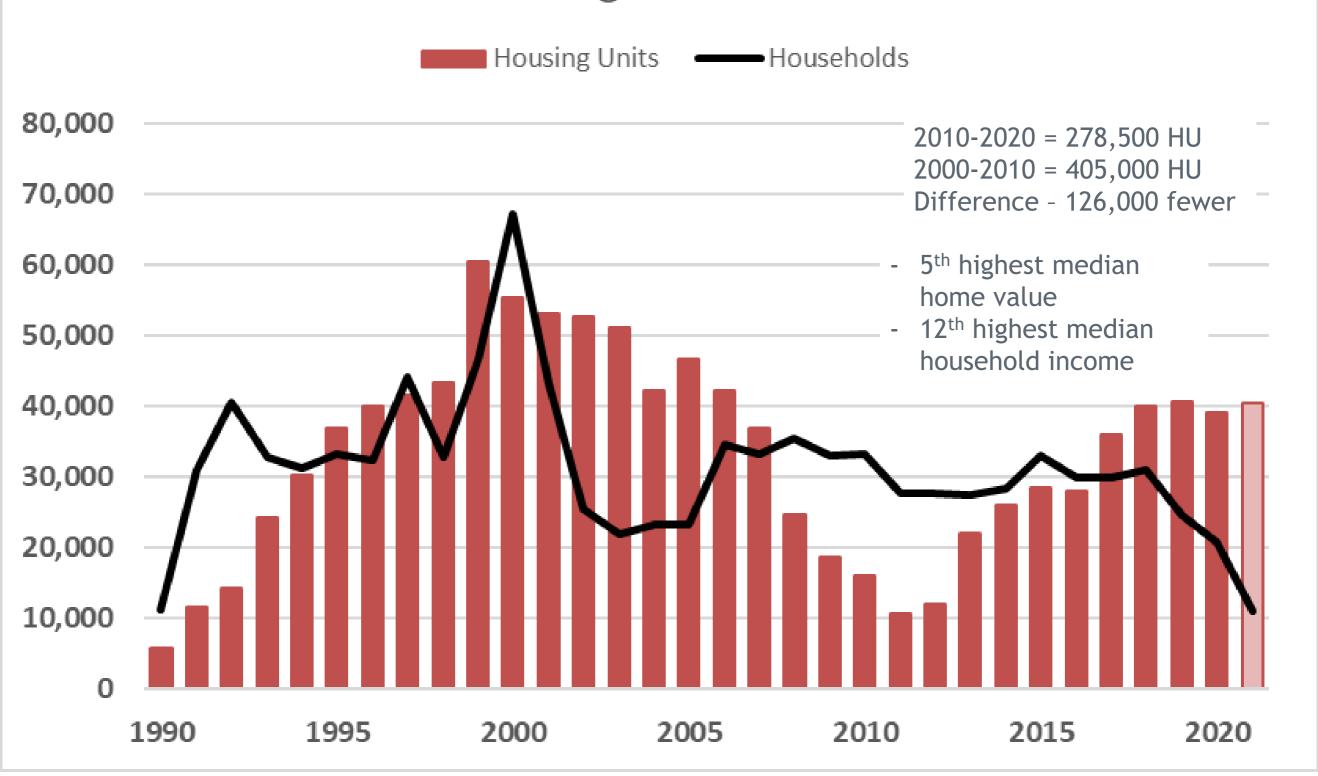
## Net Migration 2019-2020



Source: IRS 2019-2020

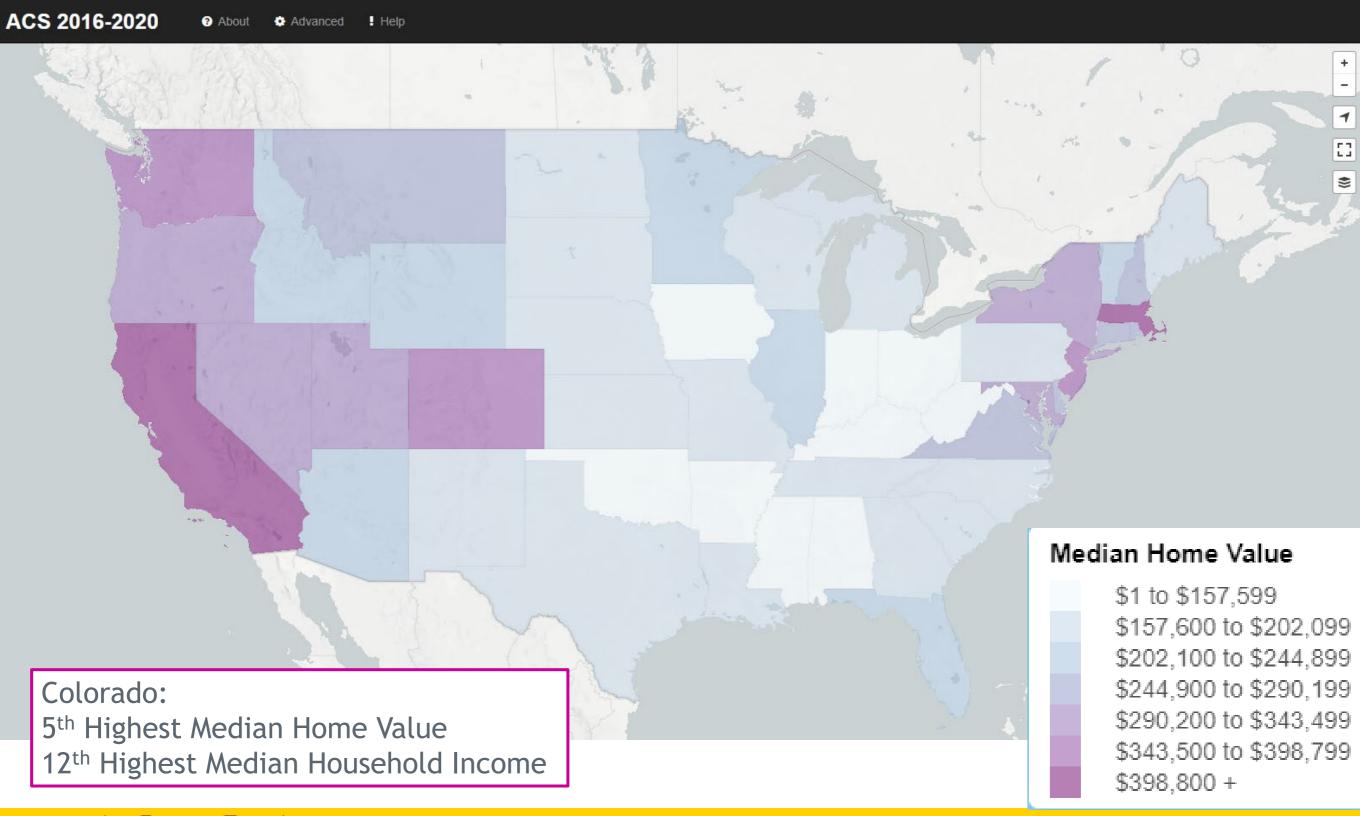


### Colorado Annual Housing Units and Household Growth





### Median Home Value

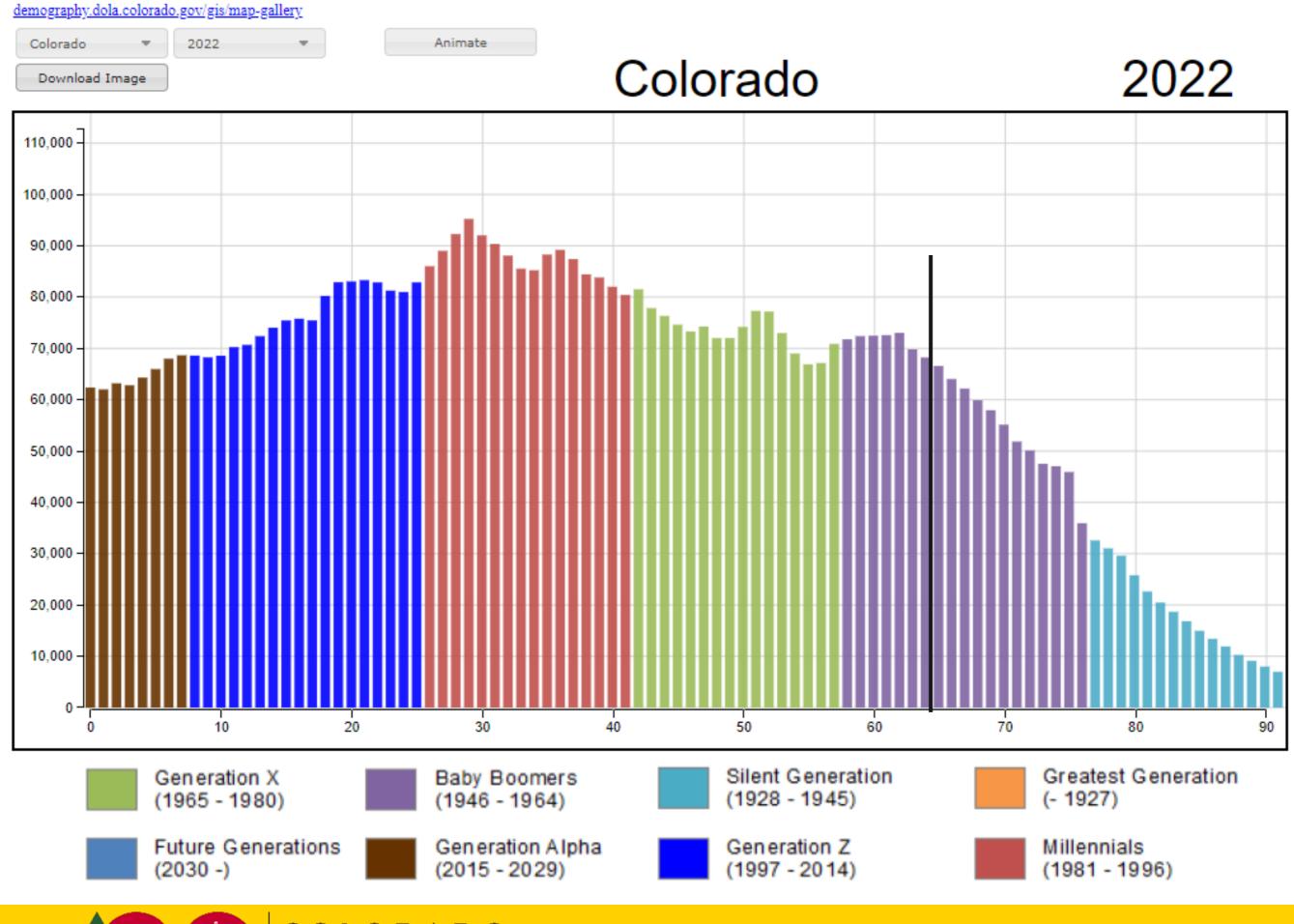




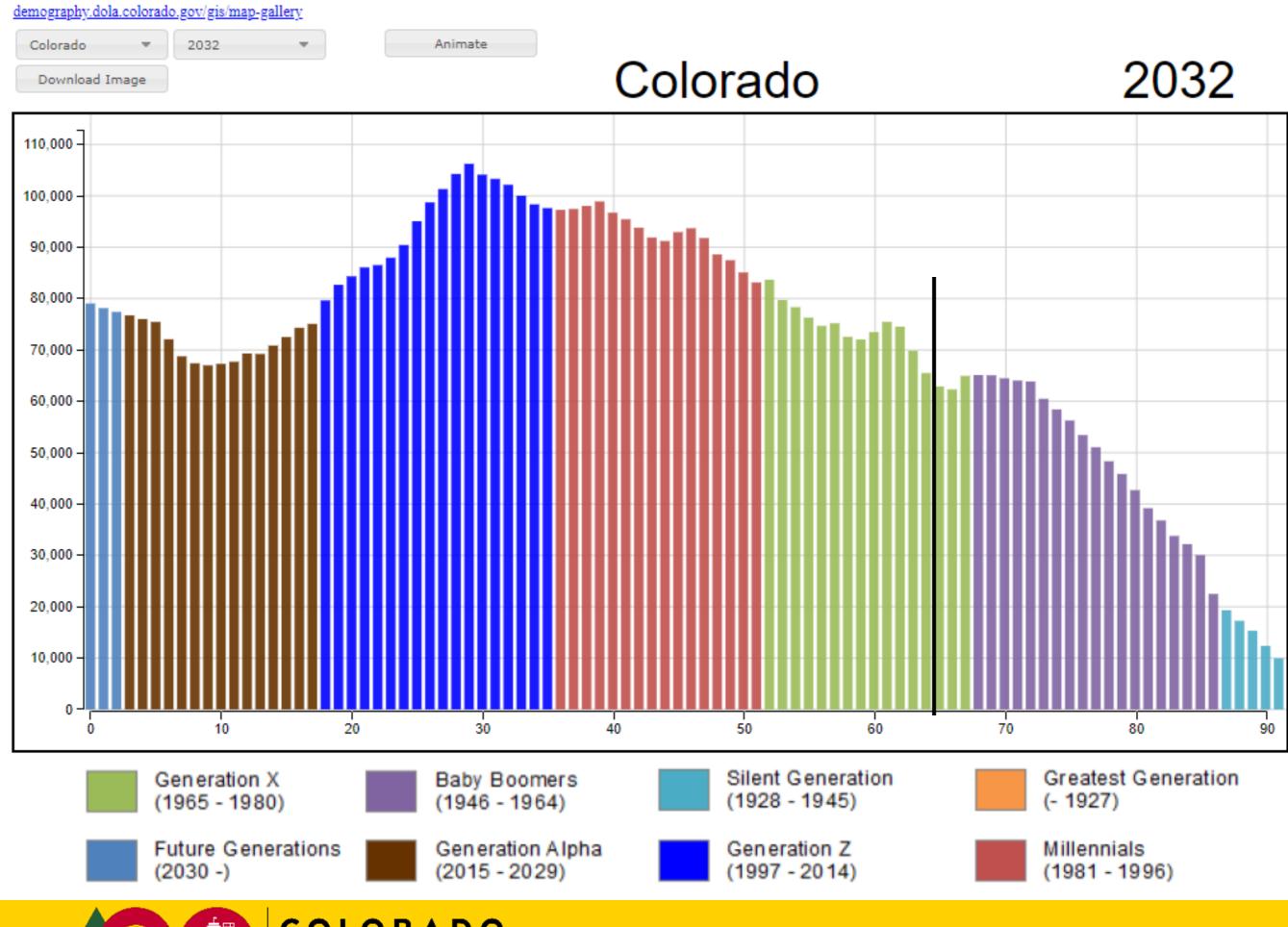
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### Age Matters

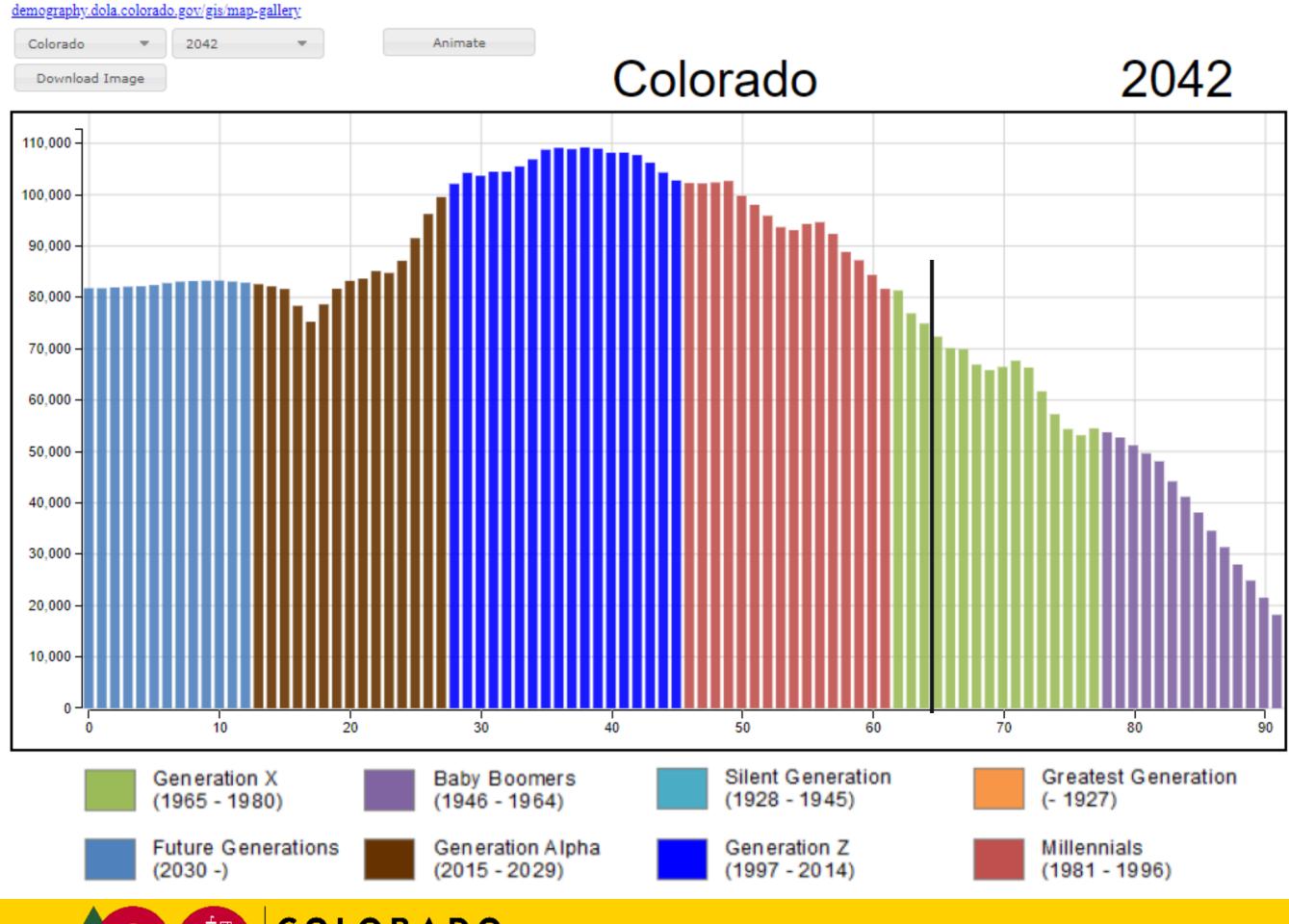
- Preferences where people shop and what they buy.
- Housing type, size, mobility
- Labor Force
- Income
- Service Demands





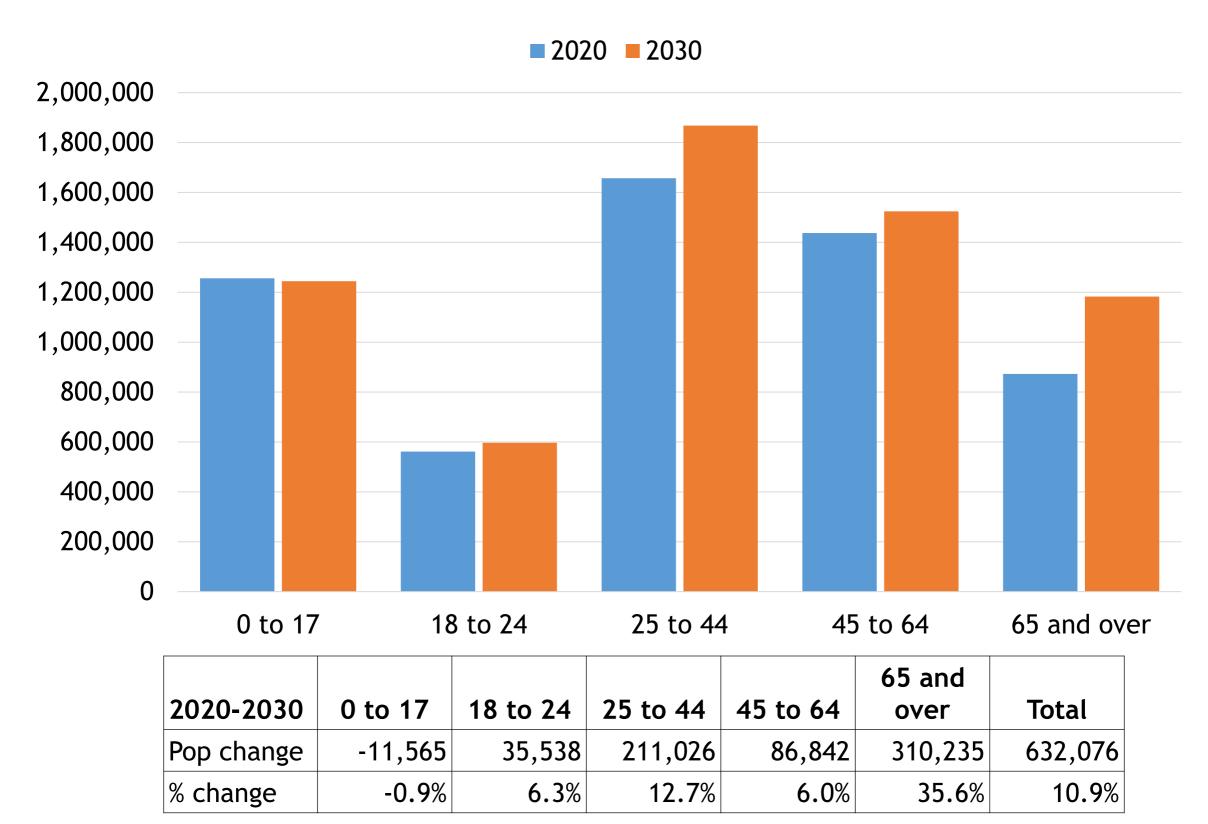






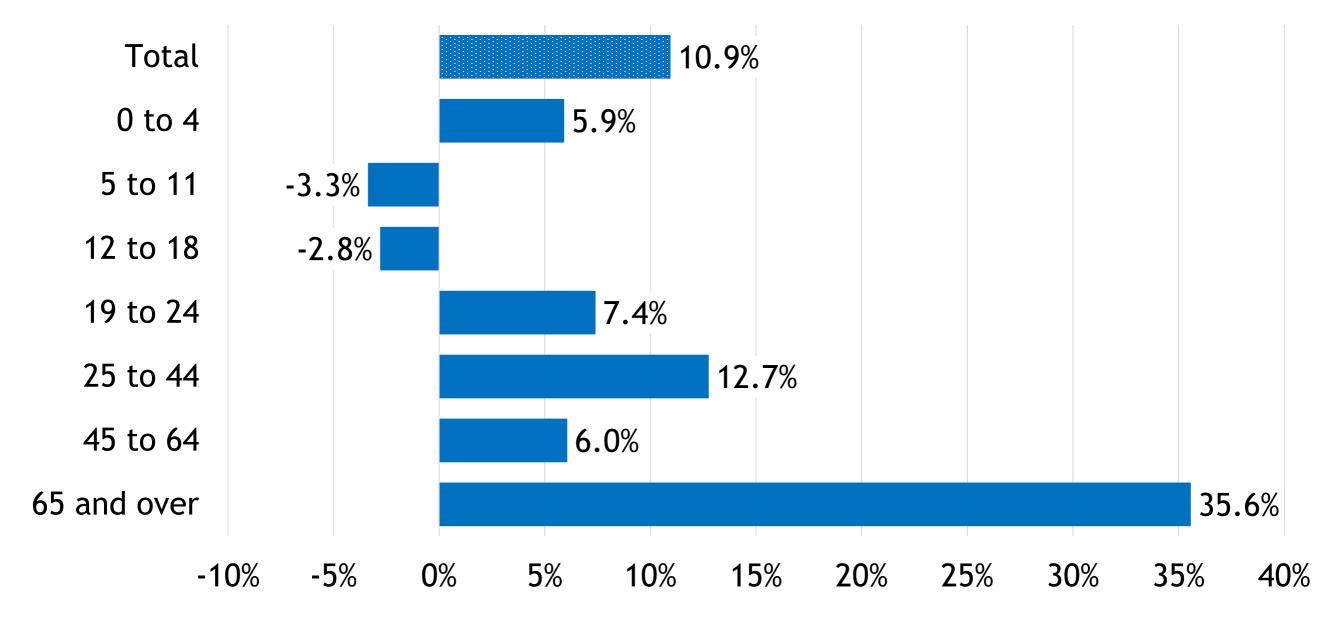


### Forecast by Age Group - Colorado





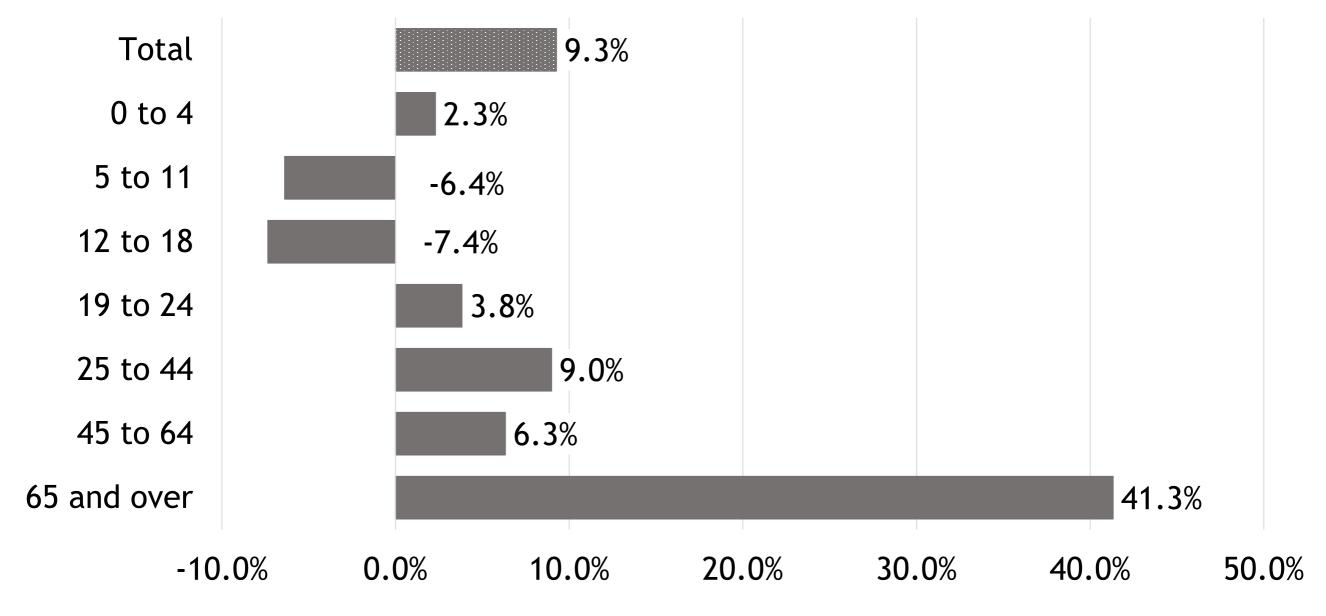
### Change by Age Group 2020-2030 Colorado



2020-2030	0 to 4	5 to 11	12 to 18	19 to 24	Total
Pop change	19,073	-16,189	-14,570	35,659	632,076



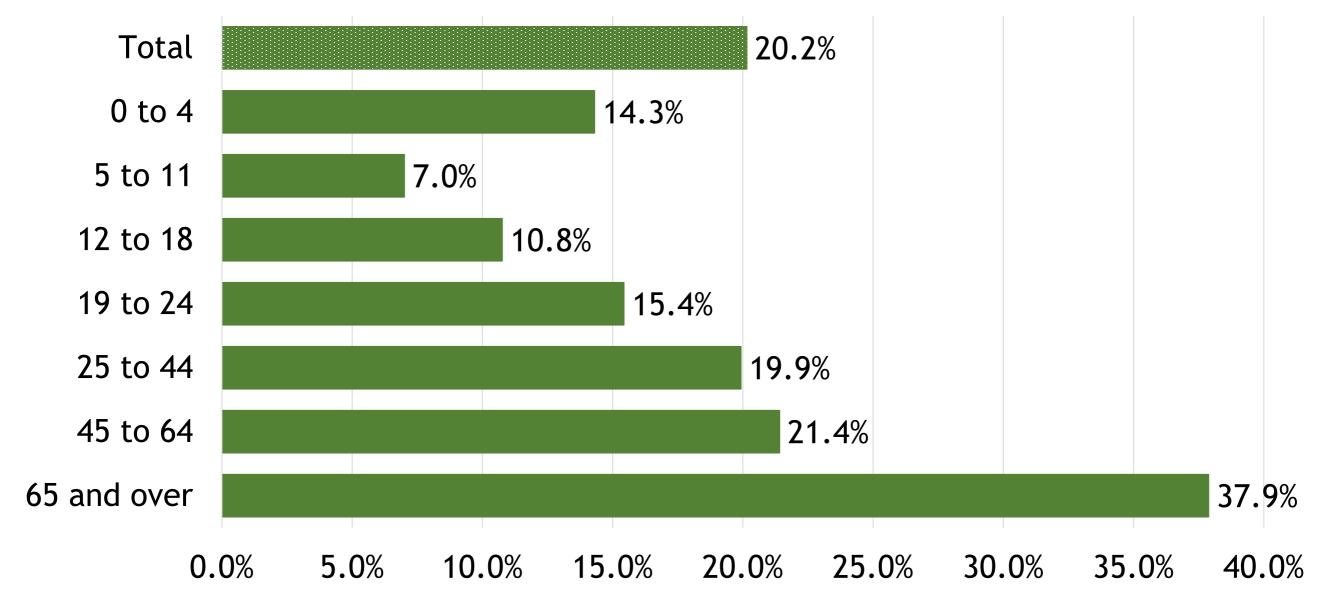
# Change by Age Group 2020-2030 Metro Denver



2020-2030	0 to 4	5 to 11	12 to 18	19 to 24	Total
Pop change	4,156	-17,019	-21,330	9,701	300,400



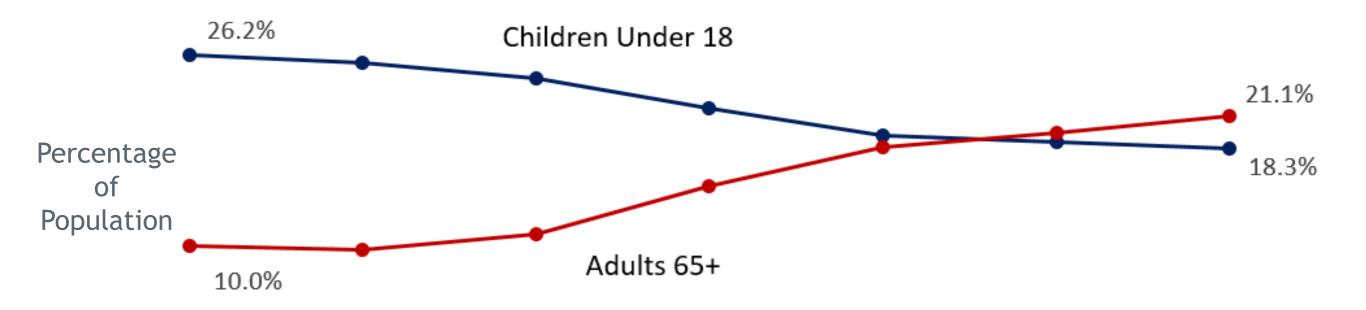
### Change by Age Group 2020-2030 North Front Range (Larimer & Weld)

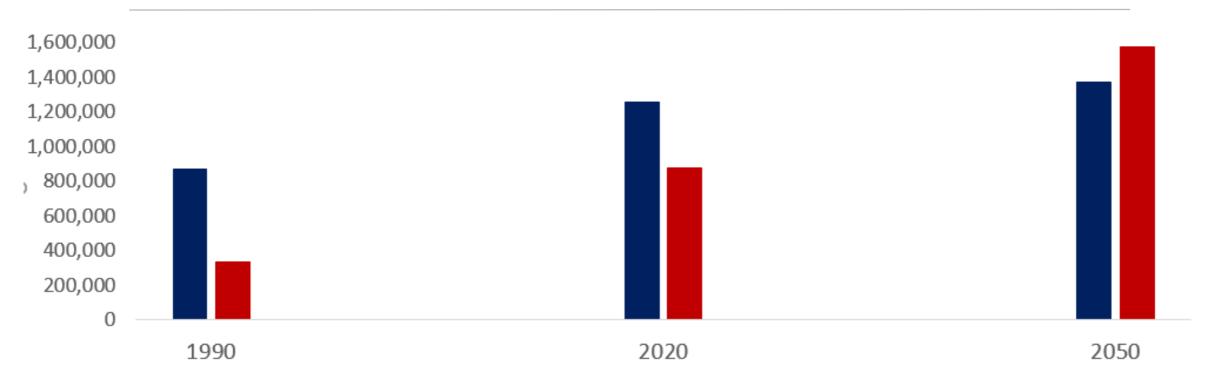


2020-2030	0 to 4	5 to 11	12 to 18	19 to 24	Total
Pop change	5,752	4,253	7,001	10,961	139,300



### Colorado Aging





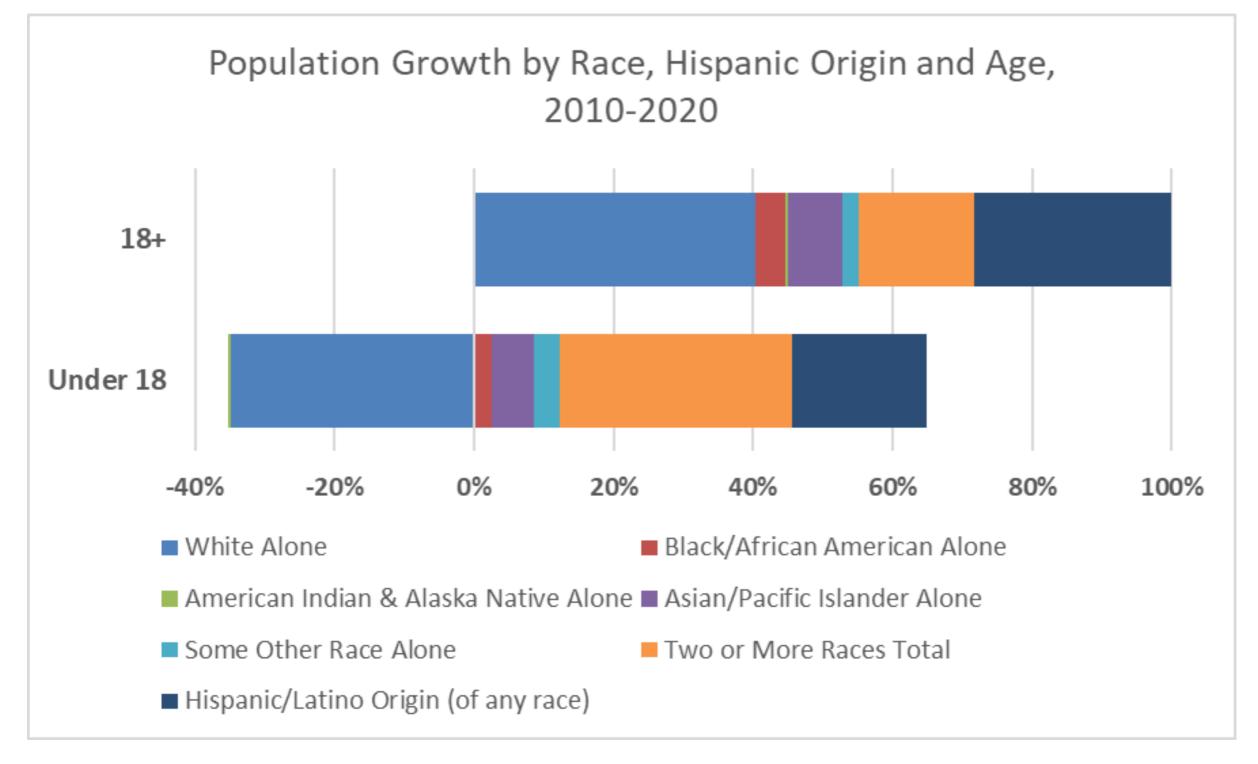


### Implications From Aging

- 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

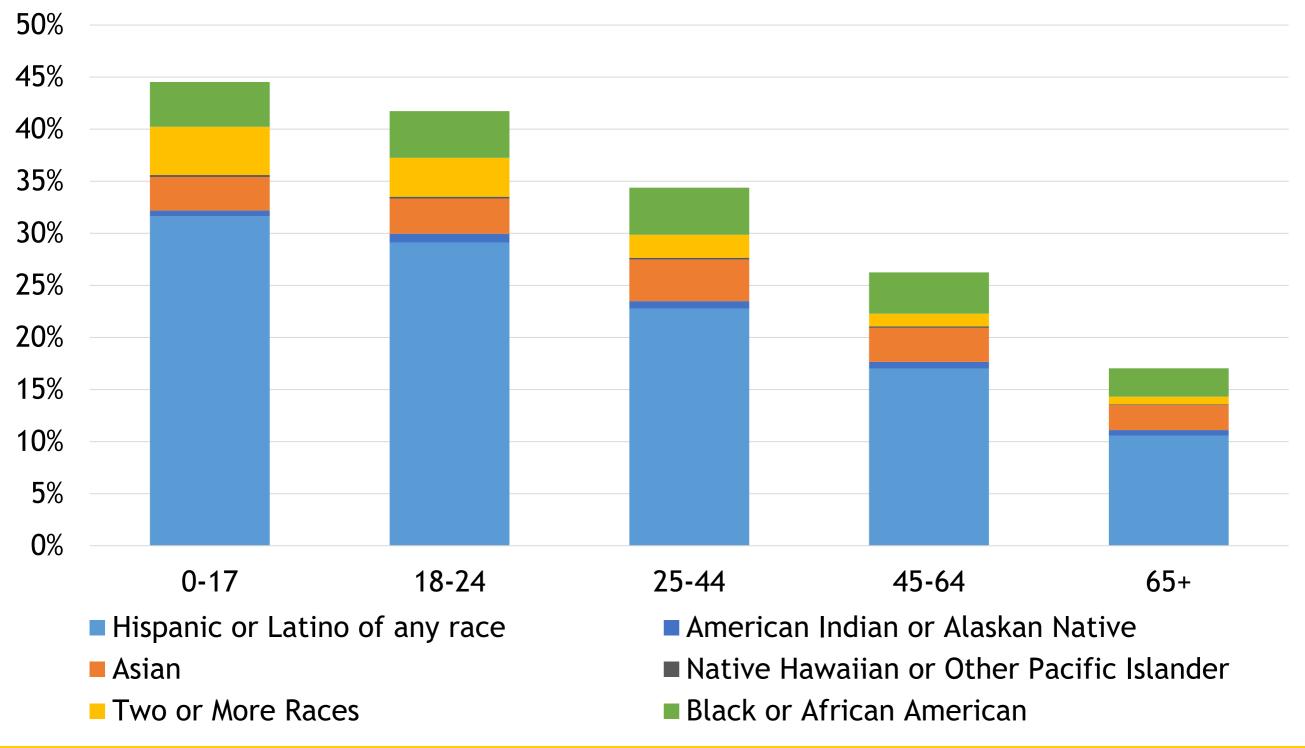
### Population Change by Race and Ethnicity



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.

### Diversity by Age

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



# Population by Age and Race and

Ethnicity

Colorado 2020

White, NH

— Hispanic

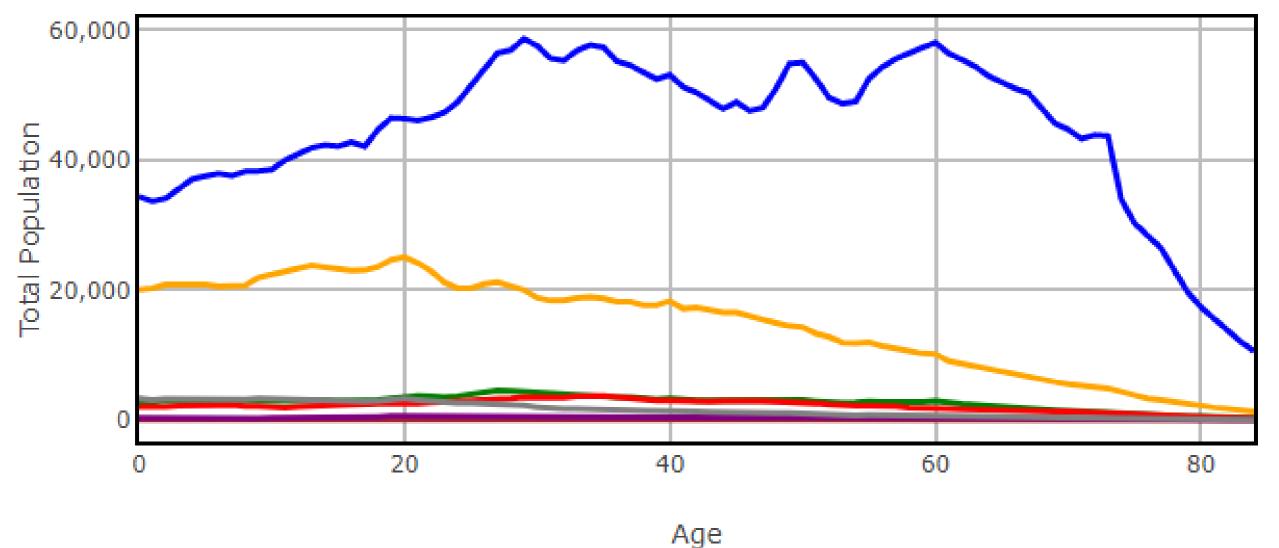
Black or African American, NH

---- Asian, NH

Native Hawaiian or Other Pacific Islander, NH

—— American Indian and Alaska Native, NH

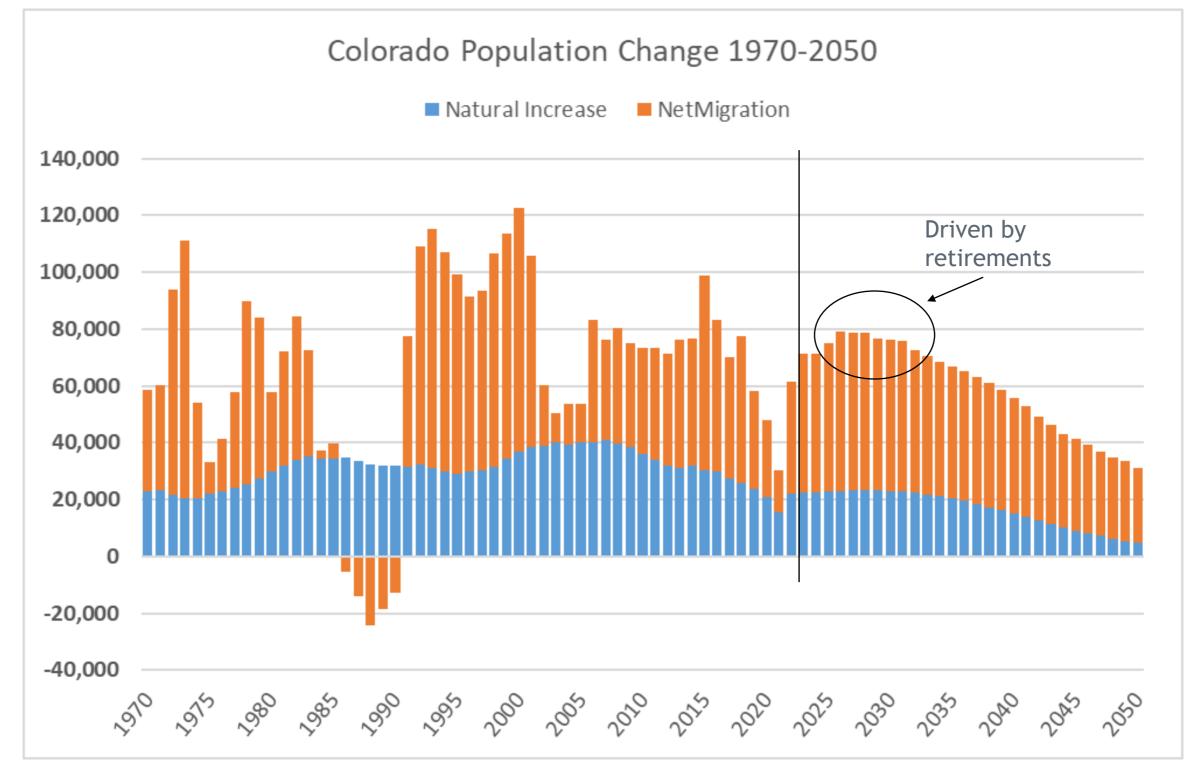
— Two or More Races, NH



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

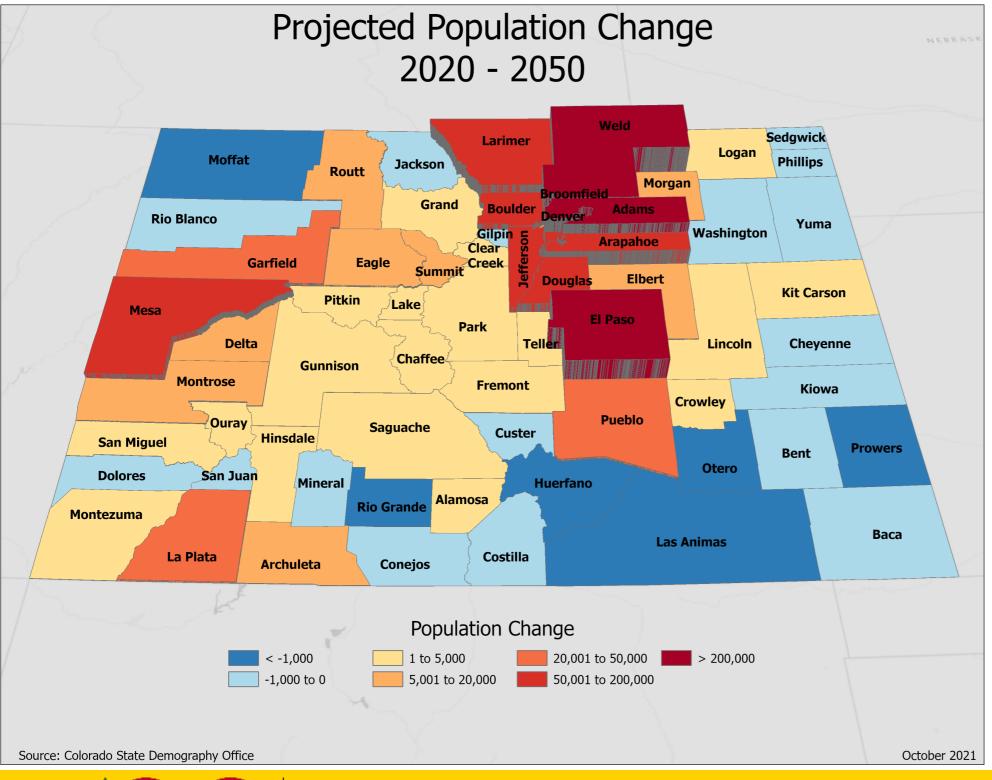
Life expectancy increases

Colorado remains competitive and continues to attract young adults



### Population Forecast 2050

7.5 million



### <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

demography.dola.colorado.gov



Divisions & Programs > Individual Assistance > Community Resources > Funding & Technical Assistance >

#### 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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SDO Colorado Story Map

GIS Data and Resources

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Data by Topic

Population Totals, Age & Race/Hispanic Origin
Births, Deaths, & Migration
Housing & Households
Economy & Jobs
Census Data and Resources

Select County: Colorado

Population Estimates by Age		Single Year of	f 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
Component	s of Change	Components of	Change Lookup
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%
Race/ Ethnicity: 2021 Race/Ethnicity Lo			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%	
Hausing Tanura 2020	American Community Survey 2016-		
Housing Tenure 2020	2020 5-year data		
Housing Units	Number	Percentage	
Owner Occupied Housing Units	1,415,324	66.22%	

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



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Component	s of Cl	nange	Compone	nts of (	Change Lookup	
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		28,583		15,074	-47.26%	
e/ Ethni		icity: 2021		Racel	Ethnicity Lookup	
Race/ Ethnici	ty	Percentage, 2021		Number, 2021		
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		3.35%			195,073	
Native Hawaiian or Other Pacific Islander alone NH		0.15%			8,566	
American Indian and Alaska Native alone NH			0.64%		37,367	
Two or more NH		2.46%			143,014	

Housing Characteristics: 2021	County Profile Lookup	
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Housing Tenure 2020	American Community Survey 201 2020 5-year data	
Housing Units	Number	Percentage
Owner Occupied Housing Units	1,415,324	66.22%
Rental Housing Units	722,078	33.78%

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

#### **Publications**

- Main Publications Page
- Crosstabs: A closer look at the Economics & Demographics of Colorado
- Reports
- Press Releases
- 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
- County Profiles
- · 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



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County Data

Municipality & Place Data

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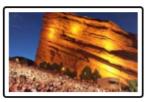
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GIS data and maps from the Colorado State Demography Office.

- Shapefiles for use with GIS software
- Interactive and static maps

You can access visualizations, data and external links by clicking on the buttons below.

#### Interactive Web Maps and Data Visualizations

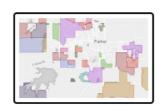


Colorado Demographic Story

Map



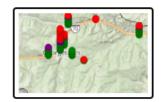
Municipal Boundary Map



Special Districts Map



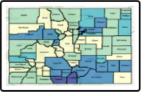
COVID Map Series



**DOLA Grants Map** 



Colorado Main Street
Communities



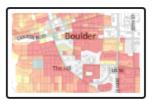
Census 2020 Interactive Map



ACS 2016-2020 Interactive Map



Prior ACS Interactive Maps



2020 Census Population Density Map



Census 2010 Interactive Map



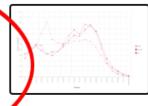
Query Census Data



Population Change: Births, Deaths, and Migration



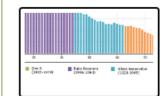
Population Change By Age: 1990-2050



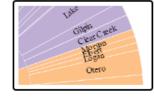
Age Distribution By County



Colorado County Population Animation



Age Animation



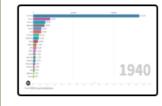
Animated Population Chart



IRS Migration 2019-2020



<u>Historic County Populations</u>



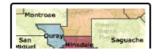
<u>Historical Birthplace of</u> <u>Colorado Residents</u>



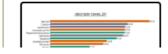
<u>Historical Residence of</u> <u>Colorado Born</u>

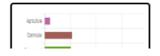


Colorado County Bracketology











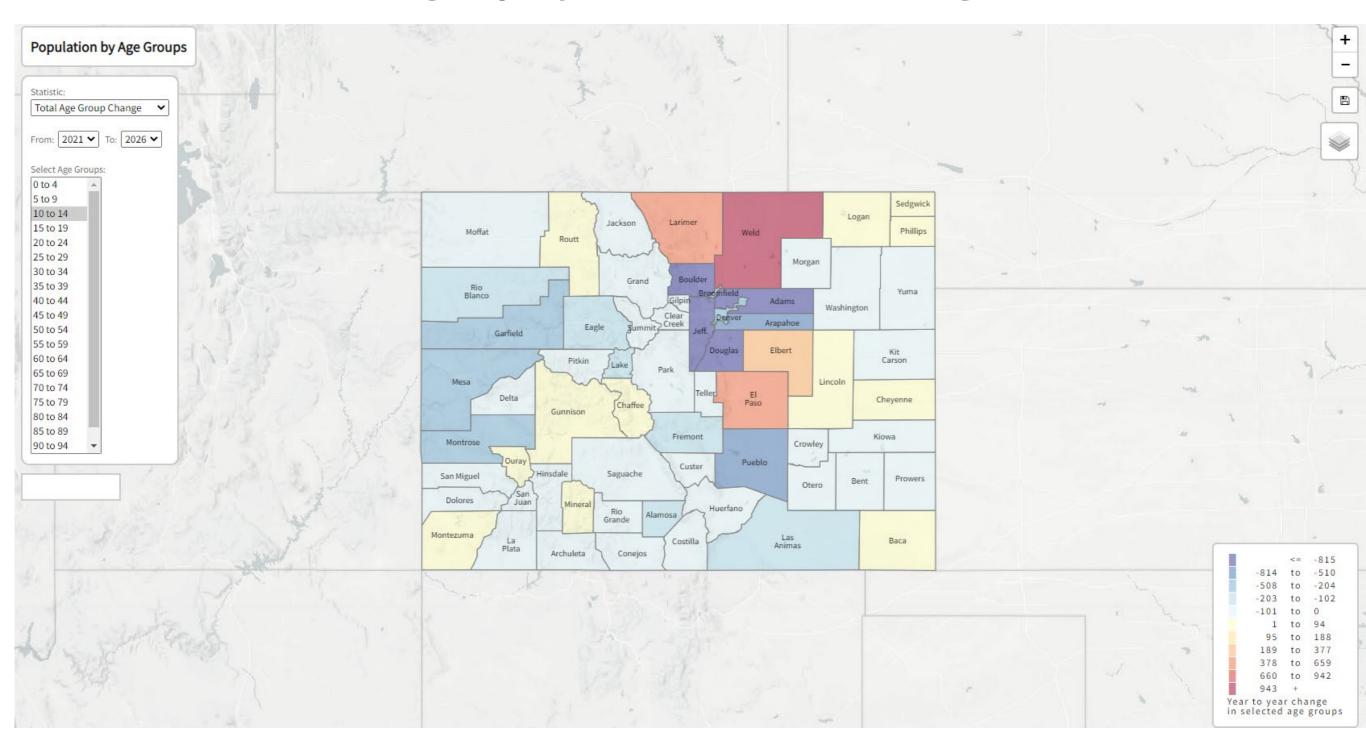


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**Department of Local Affairs** 

# Colorado Age Map

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#### **Data Tools and Resources**

- SDO U.S. Census Count Question Resolution (CQR) Information
- COVID Map Series
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- SDO Data Download Page
- SDO Census Page
- Regional and County Demographic Dashboard
- Colorado Demographic Profiles
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#### Definitions/FAQ

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- · 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



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**Department of Local Affairs** 

#### **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.

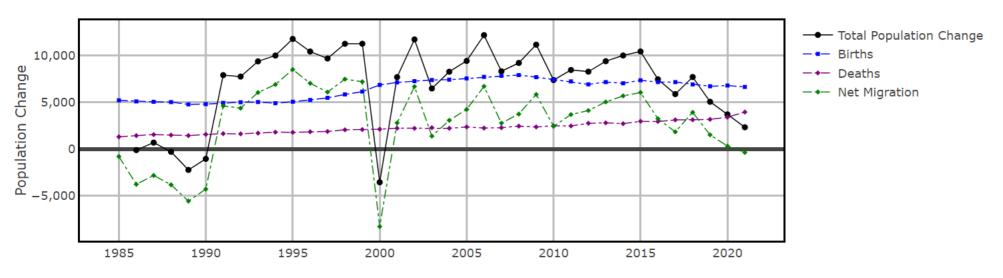
Select Geography Type: Select Geography:

County 

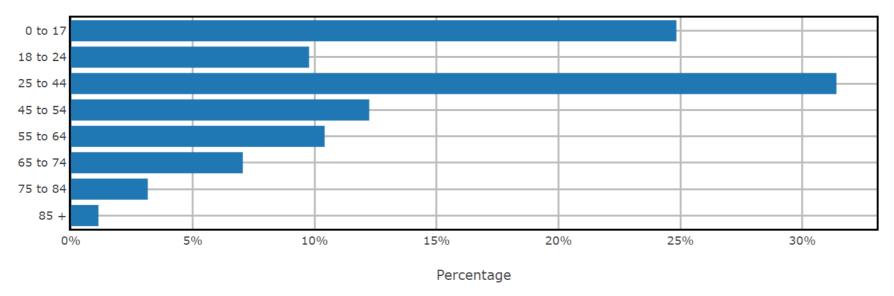
Adams County



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



Population by Age Group 2021, Adams County



# State Demography Office

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SDO Website Tutorials SDO Colorado Story Map

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Data by Topic

Population Totals, Age & Race/Hispanic Origin
Births, Deaths, & Migration
Housing & Households
Economy & Jobs
Census Data and Resources
GIS Data and Resources

Data by Geography

**Download Data** 

State & Regional Data
County Data
Municipality & Place Data
Questions? Contact SDO

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Select County: Colorado ~

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	1,24	14,189	1,244,184
18 to 24		561,243	56	64,194	596,781
25 to 44		1,657,073	1,66	67,944	1,868,099
45 to 64		1,437,494	1,43	35,048	1,524,336
65 +	872,581		90	3,297	1,182,816
Component	s of Cl	nange	Compone	nts of (	Change Lookup
Component	Nun	nber, 2020	Number, 2	021	Change
Births		62,806	(	61,976	-1.32%
Deaths		42,146	4	16,499	10.33%
Net Migration	28,583			15,074	-47.26%
Race/ Ethnicity: 2021		icity: 2021		Race/	Ethnicity Lookup
Race/ Ethnicity Percenta		ge, 2021	N	umber, 2021	
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			3.35%		195,073
Native Hawaiian or Pacific Islander alor			0.15%		8,566
American Indian and Alaska Native alone NH		0.64%		37,367	
			2.46%		143.014

Housing Characteristics: 2021	County Pro	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%		
Rental Housing Units	722,078	33.78%		

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

#### **Publications**

- Main Publications Page
- Crosstabs: A closer look at the Economics & Demographics of Colorado
- Reports
- Press Releases
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### Thank you

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