Transitions

Population and Economic Trends

Prepared for: Envision Littleton

Chris Akers

State Demography Office

Colorado Department of Local Affairs

February 2019

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

Why Does Economics / Demographics Matter?

- **What, Why, When, How Much, Where**?

- **People** – anticipate age, race, labor force participation, etc. to understand **who** will demand **what** public services

- **Housing demand / supply** – prices, types, locations

- **Job numbers / Characteristics** – Types, Skills, secondary effects

- **Incomes** – Salaries & Wages, pensions, social transfers, trends

- **Economic Drivers** – What will the State, Regions, & Counties' economic profiles resemble in 10, 20, 30 years?

- **Schools, Healthcare, Transport** – What infrastructure will be needed? Where will the revenues come from?

Big Picture – 2017-2018 Pop Change

- US – 327.2 million, + 2.02 million or **.6%**

- Colorado - 5,695,564

- Ranked 7th fastest **1.4%** - NV, ID, UT, AZ, FL, WA

- 8th in total growth **79,662** – TX, FL, CA, AZ, NC, WA, GA

- Growth of 666,200 since 2010 and Ave. Annual Growth rate of 1.6% or 83,000/yr

- Littleton 2010-2017 +5,500 or 1.8% Ave. Annual Growth rate

Colorado: Total Population Change
2010 - 2017

Population Change
- -1,173 to -500
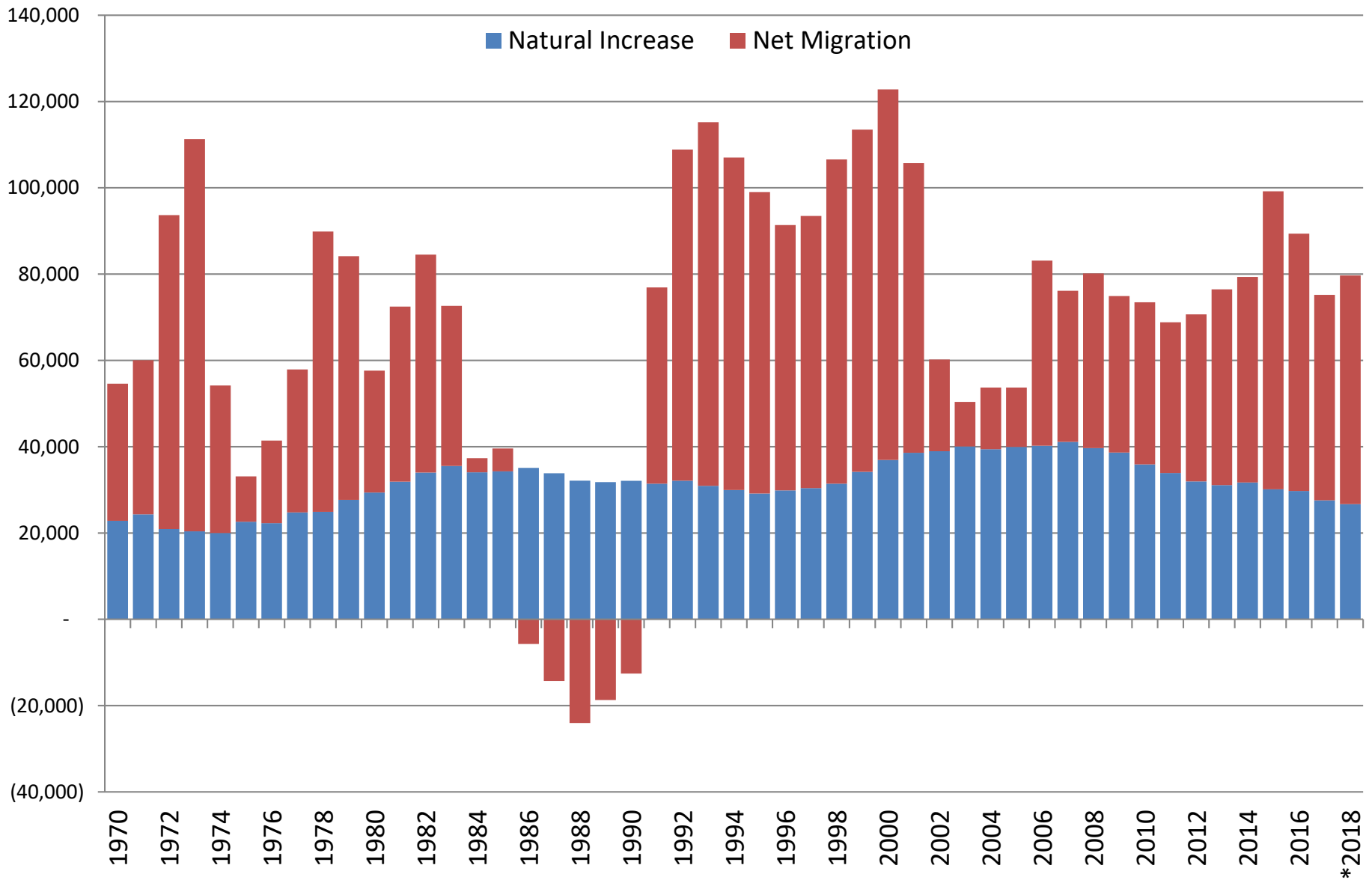- -499 to 0
- 1 to 10,000
- 10,001 to 50,000
- 50,000 to 101,403
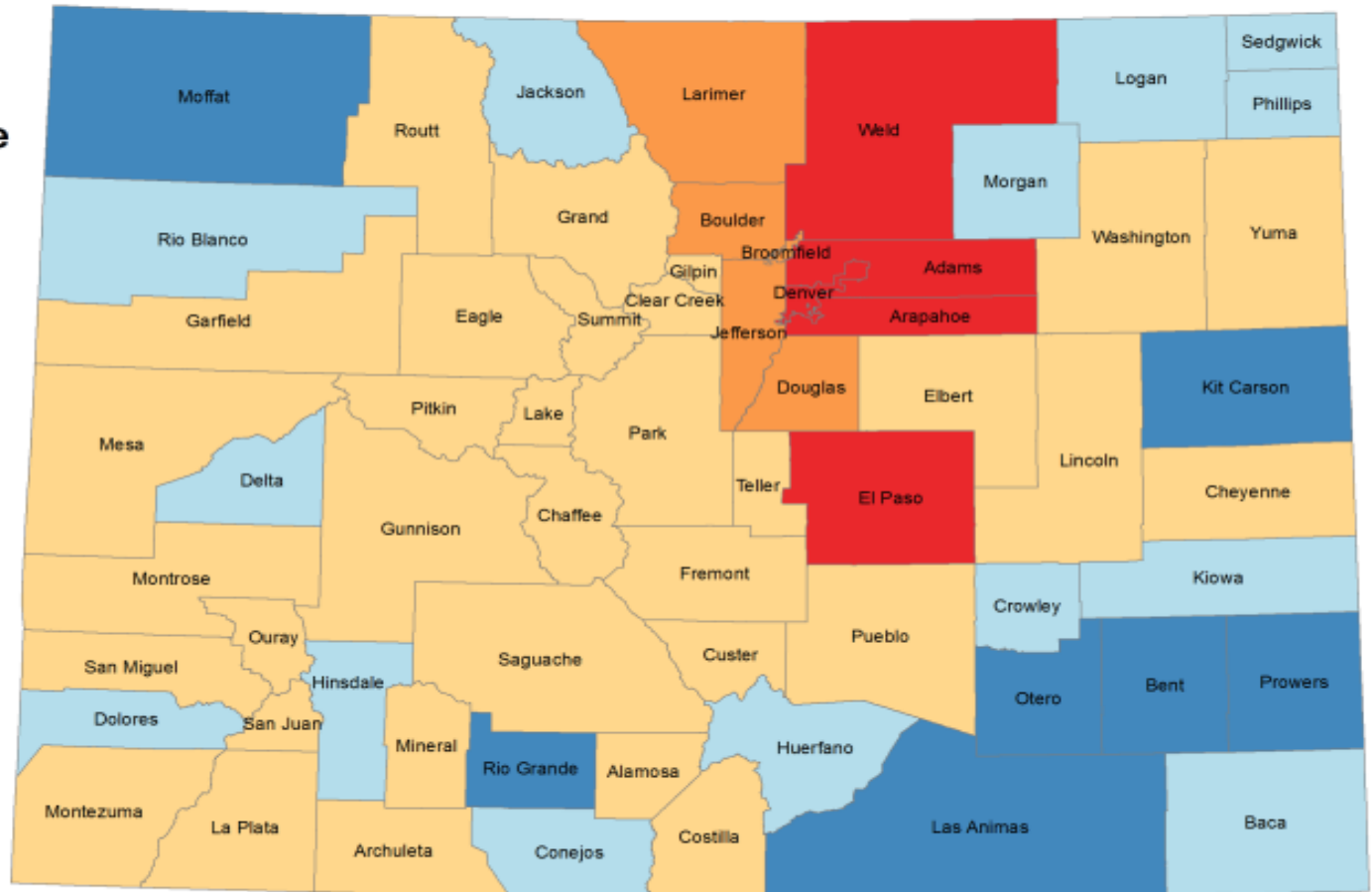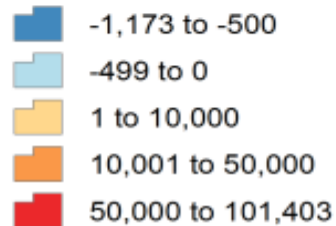
Colorado State Demography Office, 03/22/2018

DOLA
CO

COLORADO
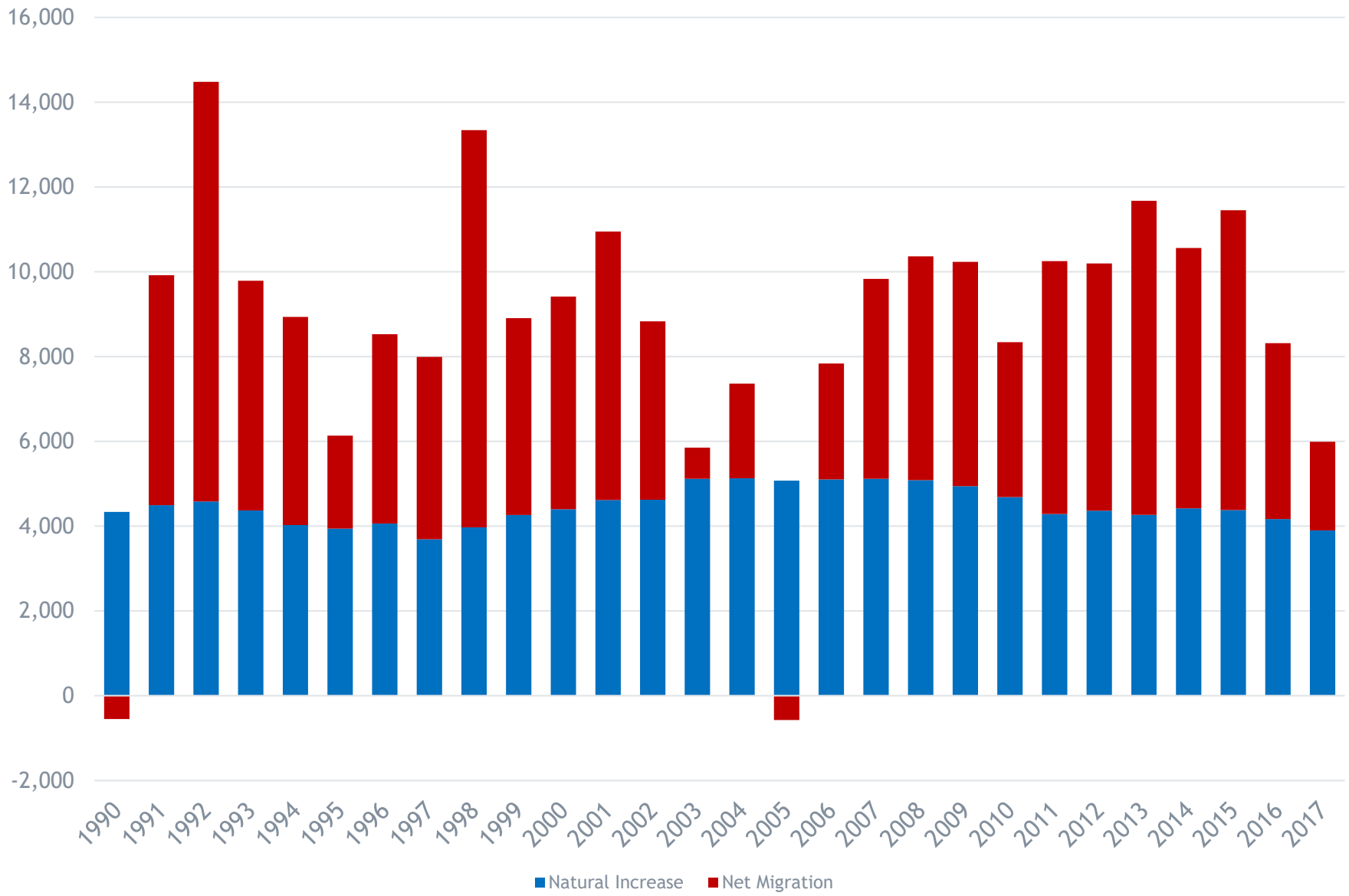Department of Local Affairs

Components of Population Change 1970-2018

Legend: Natural Increase | Net Migration

COLORADO
Department of Local Affairs

Colorado Births and Deaths

COLORADO
Department of Local Affairs
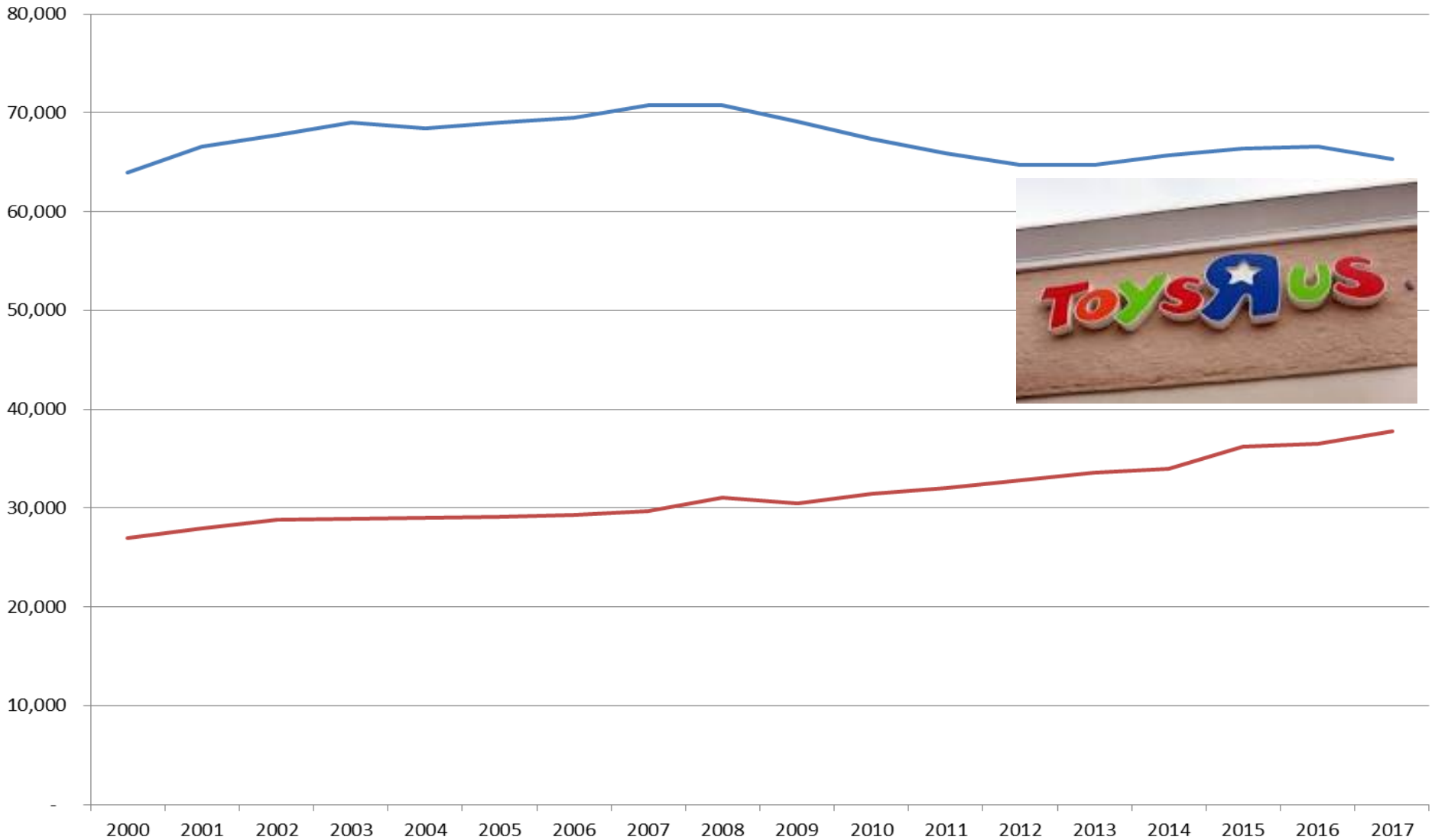
Arapahoe County Componets of Change

Population Change by Place

	2010	2014	2015	2016	2017	Ch. 2010-17	Ann. Ave. % Change
ARAPAHOE COUNTY	574,819	617,498	628,951	637,266	643,257	68,438	1.6%
Aurora (Part)	286,393	306,862	311,773	314,261	317,802	31,409	1.5%
Bennett (Part)	354	371	376	378	375	21	0.8%
Bow Mar (Part)	591	632	648	668	662	71	1.6%
Centennial	101,398	107,263	108,725	109,356	110,319	8,921	1.2%
Cherry Hills Village	6,013	6,430	6,535	6,617	6,601	588	1.3%
Columbine Valley	1,261	1,341	1,403	1,445	1,474	213	2.3%
Deer Trail	548	581	615	689	696	148	3.5%
Englewood	30,374	32,466	32,883	34,035	34,283	3,909	1.7%
Foxfield	691	764	773	780	774	83	1.6%
Glendale	4,200	4,960	5,018	5,044	5,003	803	2.5%
Greenwood Village	13,987	15,335	16,031	16,160	16,072	2,085	2.0%
Littleton (Part)	**39,613**	**42,096**	**43,521**	**43,733**	**44,887**	**5,274**	**1.8%**
Sheridan	5,686	7,663	8,174	8,663	8,934	3,248	6.7%
Unincorp. Area	83,710	90,734	92,476	95,437	95,375	11,665	1.9%
Littleton (Total)	**42,034**	**44,616**	**46,094**	**46,353**	**47,588**	**5,554**	**1.8%**

Colorado

Net Migration by Age, 2000 to 2010
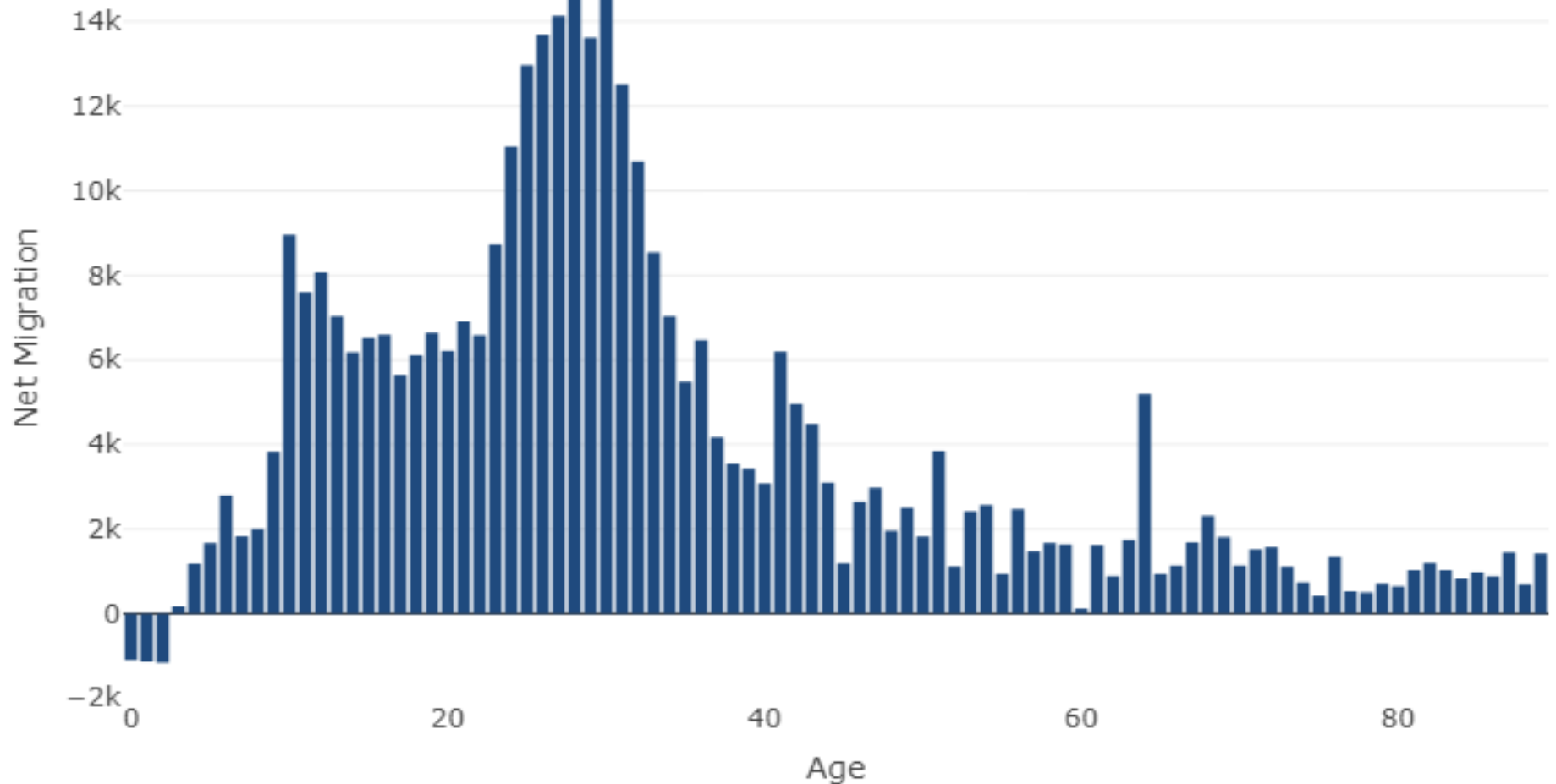
Arapahoe

Net Migration by Age, 2000 to 2010

COLORADO
Department of Local Affairs

Migration locations

Total Net Migration Flows
for Arapahoe County, Colorado

Migration by County

- 521 to 2,897
- 1 to 520
- No net movers
- -232 to -1
- -778 to -233

Source: U.S. Census Bureau, 2012-2016 5-year American Community Survey

United States Census Bureau
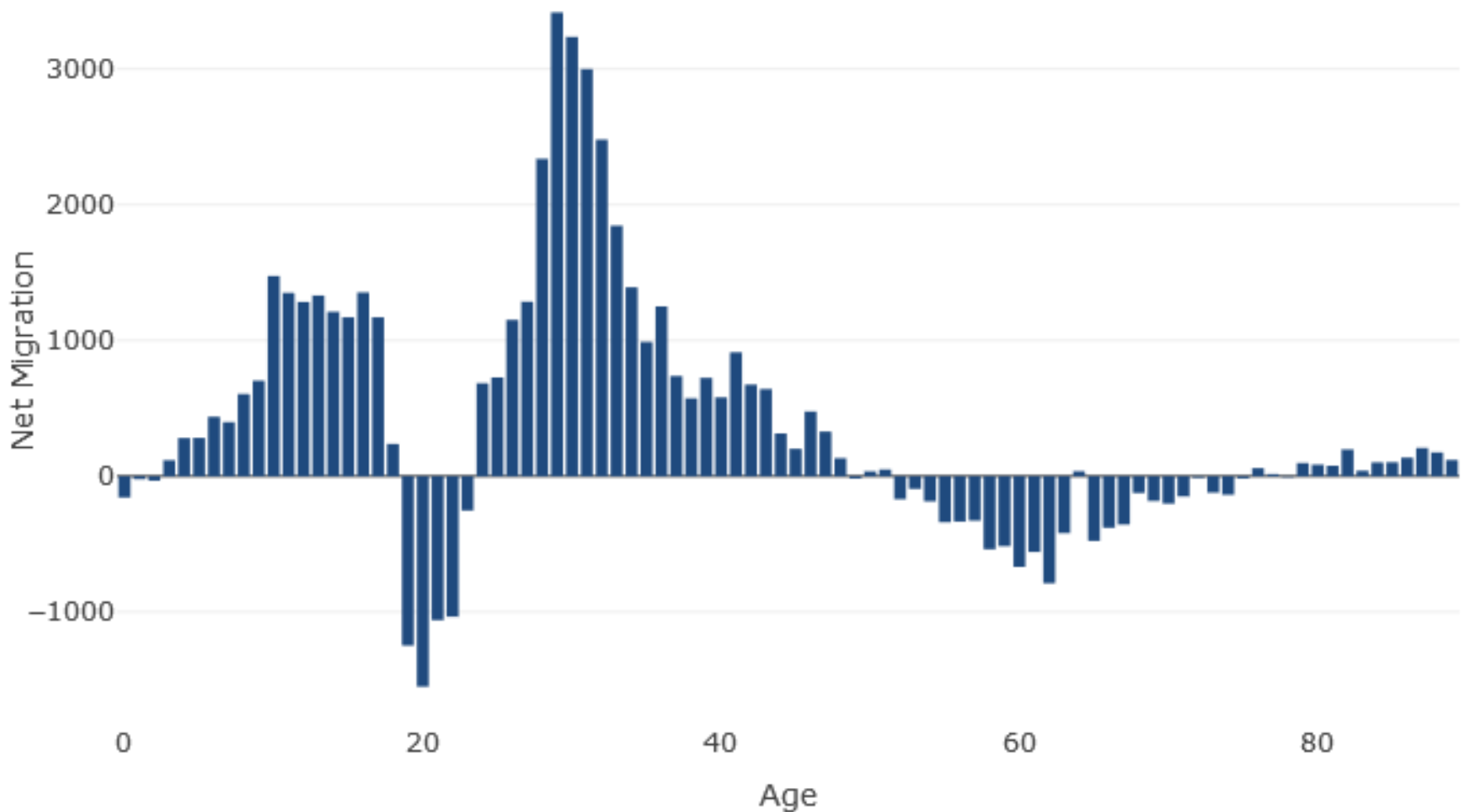
COLORADO
Department of Local Affairs
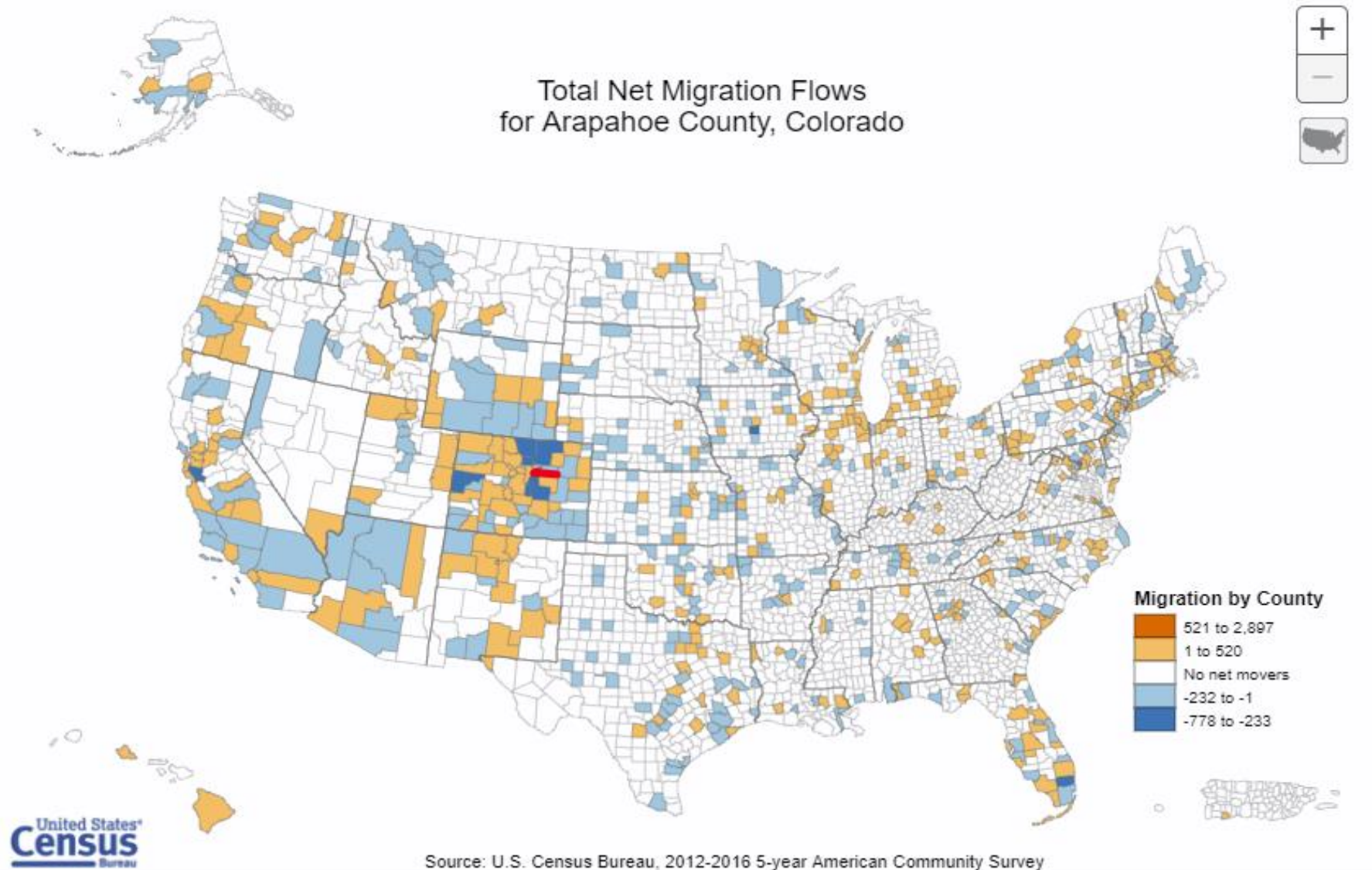
Colorado New Jobs and Net Migration

Jobs Are People

Total Estimated Jobs, 2001 to 2017

Arapahoe County

Year

Jobs

COLORADO
Department of Local Affairs

Colorado 2017 Total Employment by Industry & Wage

3.3 million jobs at an average annual wage of $57,000

2017 Employment Share by Wage		
Low Wage ($22,100-$41,100)	Mid Wage ($46,900 - $62,600)	High Wage ($69,500 - $148,800)
36%	35%	28%

- ■ Low Wage ($22,100-$41,100)
- ■ Mid Wage ($46,900 - $62,600)
- ■ High Wage ($69,500 - $148,800)

COLORADO
DOLA
Department of Local Affairs

Low Wage = Less than 80% Average Annual Wage; Mid Wage between 80% and 120% of A

Arapahoe County 2017 Employment by Industry & Wage

405K total jobs at an average wage of $64,300

2017 Employment Share by Wage		
Low Wage ($21,300 - $49,200)	Mid Wage ($53,000 - $75,300)	High Wage ($96,600 - $167,400)
39%	30%	30%

Chart categories (top to bottom): Health Services, Professional and Tech. services, Retail Trade, Finance activities, Admin and waste, Local Government, Accommodation & food, Construction, Other services, Information, Wholesale trade, Real estate, Transportation and warehousing, Management of companies, Manufacturing, Arts, Entertainment & Rec, Private Education, State Government, Federal Government, Mining, Agriculture, Utilities

X-axis: 0, 5,000, 10,000, 15,000, 20,000, 25,000, 30,000, 35,000, 40,000, 45,000, 50,000

Legend:
- ■ Low Wage ($21,300 - $49,200)
- ■ Mid Wage ($53,000 - $75,300)
- ■ High Wage ($96,600 - $167,400)

Low Wage = Less than 80% Average Annual Wage; Mid Wage between 80% and 120% of Average Annual Wage; High Wage= 120%+

Colorado Employment Change from 2008 to 2017

Total employment change = 381,300

Employment Change from 2008-17 by Wage		
Low Wage ($22,100-$41,100)	Mid Wage ($46,900 - $62,600)	High Wage ($69,500 - $148,800)
37%	42%	19%

Low Wage ($22,100-$41,100)   Mid Wage ($46,900 - $62,600)   High Wage ($69,500 - $148,800)

COLORADO
Department of Local Affairs
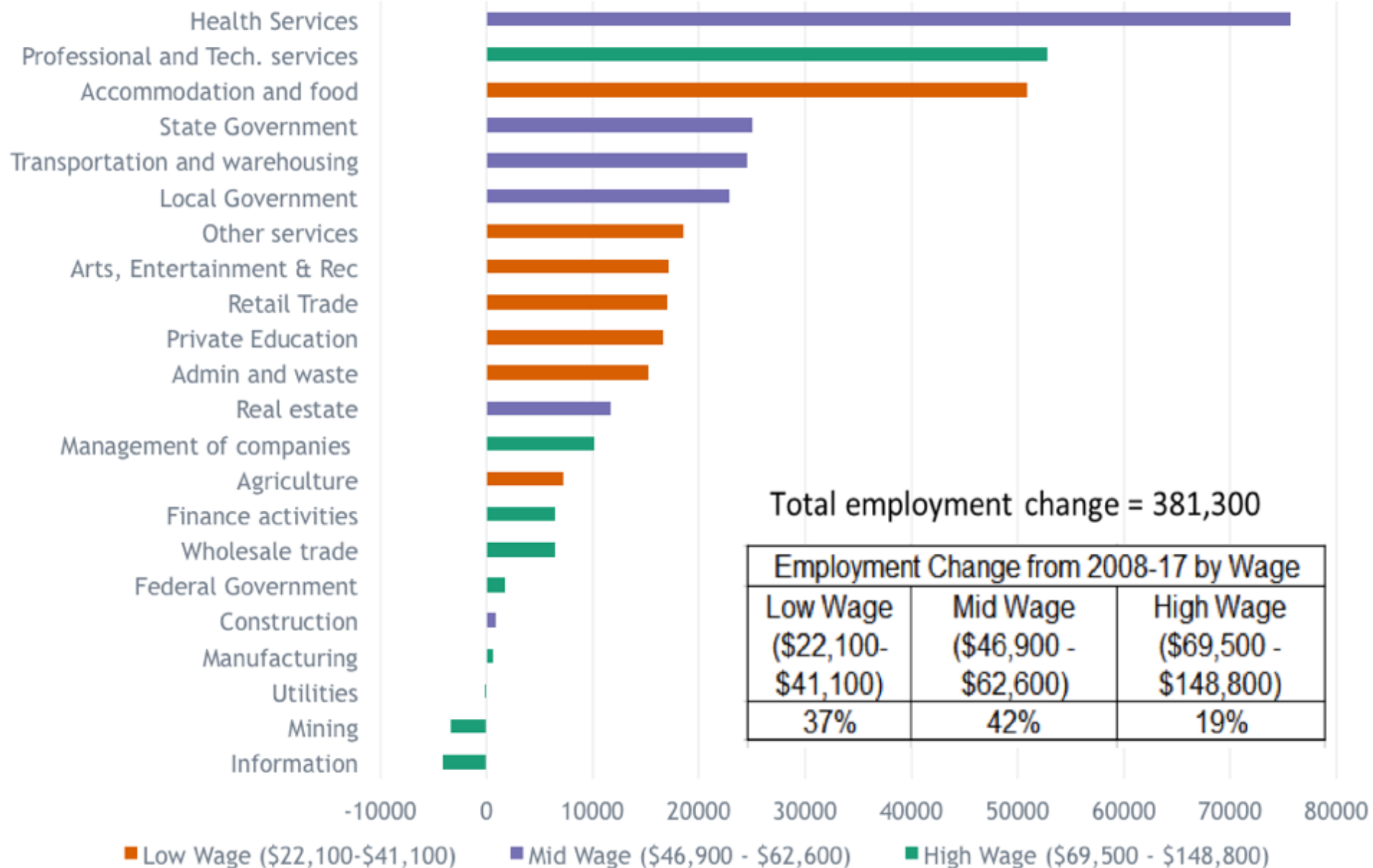
Arapahoe County Employment change from 2008 to 2017

Industry	
Health Services	
Professional and Tech. services	
Accommodation & food	
Transportation and warehousing	
Retail Trade	
Finance activities	
Admin and waste	
Construction	
Management of companies	
Other services	
Arts, Entertainment & Rec	
Local Government	
Private Education	
Wholesale trade	
State Government	
Real estate	
Information	
Agriculture	
Federal Government	
Utilities	
Manufacturing	
Mining	

Total Employment
Change = 57,400

Employment Change from 2008-17 by Wage		
Low Wage ($21,300 - $49,200)	Mid Wage ($53,000 - $75,300)	High Wage ($96,600 - $167,400)
34%	41%	24%

-1,000 1,000 3,000 5,000 7,000 9,000 11,000 13,000

■ Low Wage ($21,300 - $49,200)   ■ Mid Wage ($53,000 - $75,300)   ■ High Wage ($96,600 - $167,400)

Low Wage = Less than 80% Average Annual Wage; Mid Wage between 80% and 120% of Average Annual Wage; High Wage= 120%+

Commuting

## Arapahoe County
All Jobs, 2015

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

208,155   110,018   196,015

Source: U.S. Census Bureau On the Map, Print Date: 02/20/2019

Jobs Counts by Places (Cities, CDPs, etc.) Where Workers are Employed - All Jobs

	2015	
	Count	Share
All Places (Cities, CDPs, etc.)	22,961	100.0%
Denver city, CO	6,439	28.0%
Littleton city, CO	2,726	11.9%
Centennial city, CO	1,474	6.4%
Lakewood city, CO	1,309	5.7%
Aurora city, CO	1,119	4.9%
Greenwood Village city, CO	1,016	4.4%
Englewood city, CO	947	4.1%
Highlands Ranch CDP, CO	847	3.7%
Colorado Springs city, CO	385	1.7%
Lone Tree city, CO	345	1.5%
All Other Locations	6,354	27.7%

Littleton
All Jobs, 2015

Jobs Counts by Places (Cities, CDPs, etc.) Where Workers Live - All Jobs

	2015	
	Count	Share
All Places (Cities, CDPs, etc.)	32,227	100.0%
Denver city, CO	5,214	16.2%
Centennial city, CO	2,803	8.7%
Littleton city, CO	2,726	8.5%
Highlands Ranch CDP, CO	2,695	8.4%
Aurora city, CO	2,461	7.6%
Lakewood city, CO	1,379	4.3%
Ken Caryl CDP, CO	964	3.0%
Columbine CDP, CO	936	2.9%
Englewood city, CO	906	2.8%
Castle Rock town, CO	798	2.5%
All Other Locations	11,345	35.2%

29,501   2,726   20,238
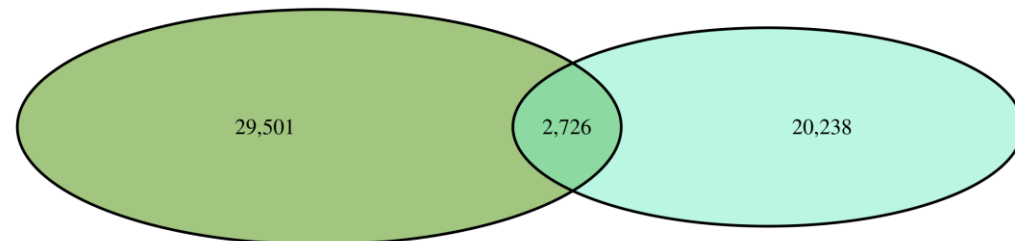
- ● Employees in Littleton living elsewhere
- ● Residents of Littleton working elsewhere
- ● Employed and Live in Littleton

Source: U.S. Census Bureau On the Map, Print Date: 02/20/2019

DOLA
CO
COLORADO
Department of Local Affairs

Census 2020 – April 1ˢᵗ.

- Important, Safe, Easy! – 11 Questions, 10 mins.

- Representation, Funding ($2,300 per person per year in federal funding), and Data/Information.

- Census will be: Online, Phone, Mail, In Person (last resort)

- Our Ask:

  ○ Become familiar with Census 2020

  ○ Encourage friends and family

  ○ Let SDO know about meetings or groups who would be interested in learning more,

  ○ Let SDO know about concerns or questions.

Why is the Census 2020 important to Colorado and its Communities?

$900 billion in federal funding allocated nationally based on Census population counts

Estimated $2,300 per person per year in Colorado or over $13.1 billion

- Senior services (Medicare)
- Public libraries
- Health services (Medicaid)
- Community centers
- Road improvements
- Public Housing (Section 8)
- Title 1 Grants to Local Education Agencies

- Programs for Veterans
- Community colleges
- Tuition assistance
- Women, Infants & Children (WIC)
- Public Assistance (SNAP)
- School Lunch
- Health Centers

AGE

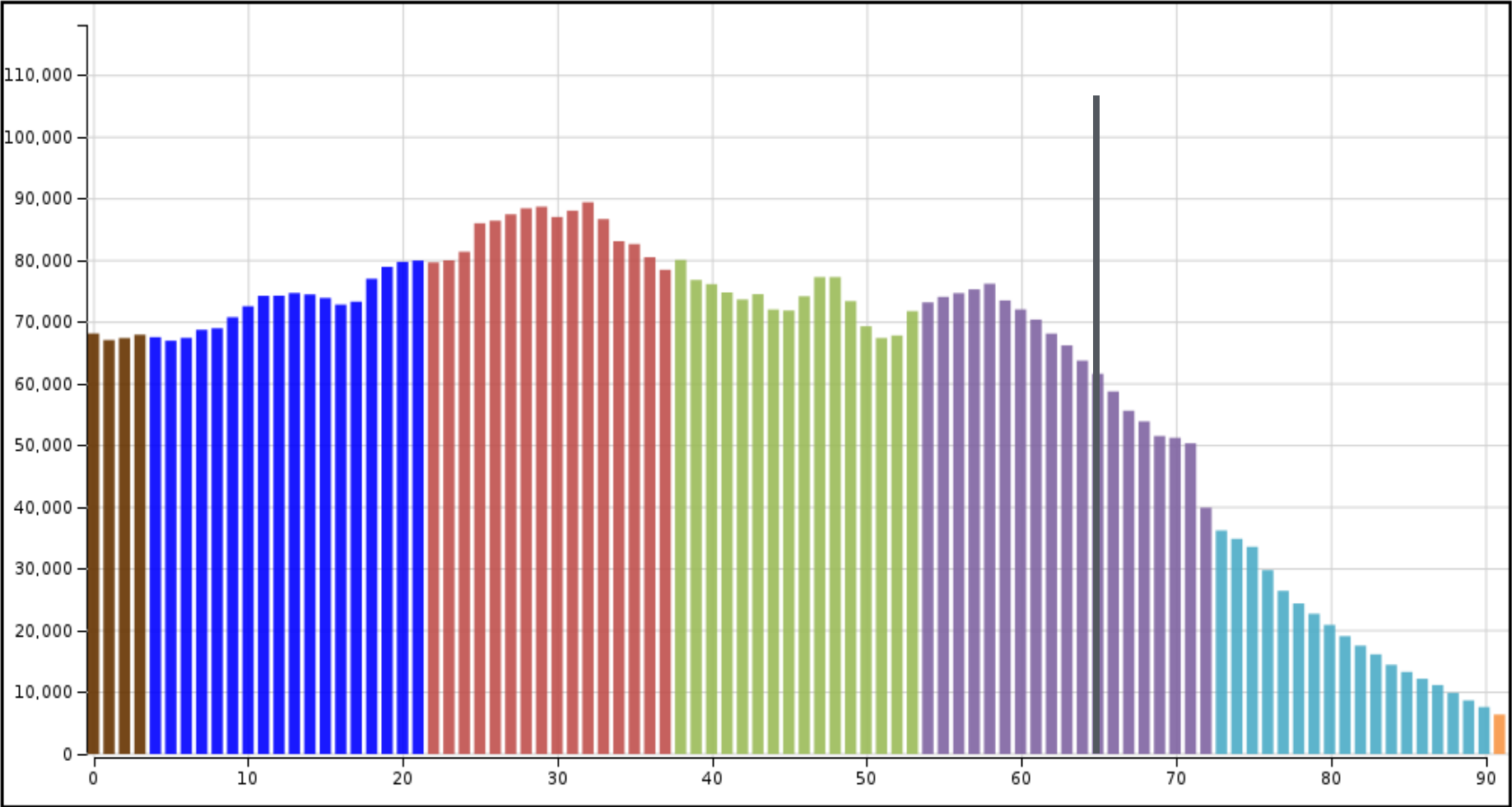## Why?
Preferences
Housing
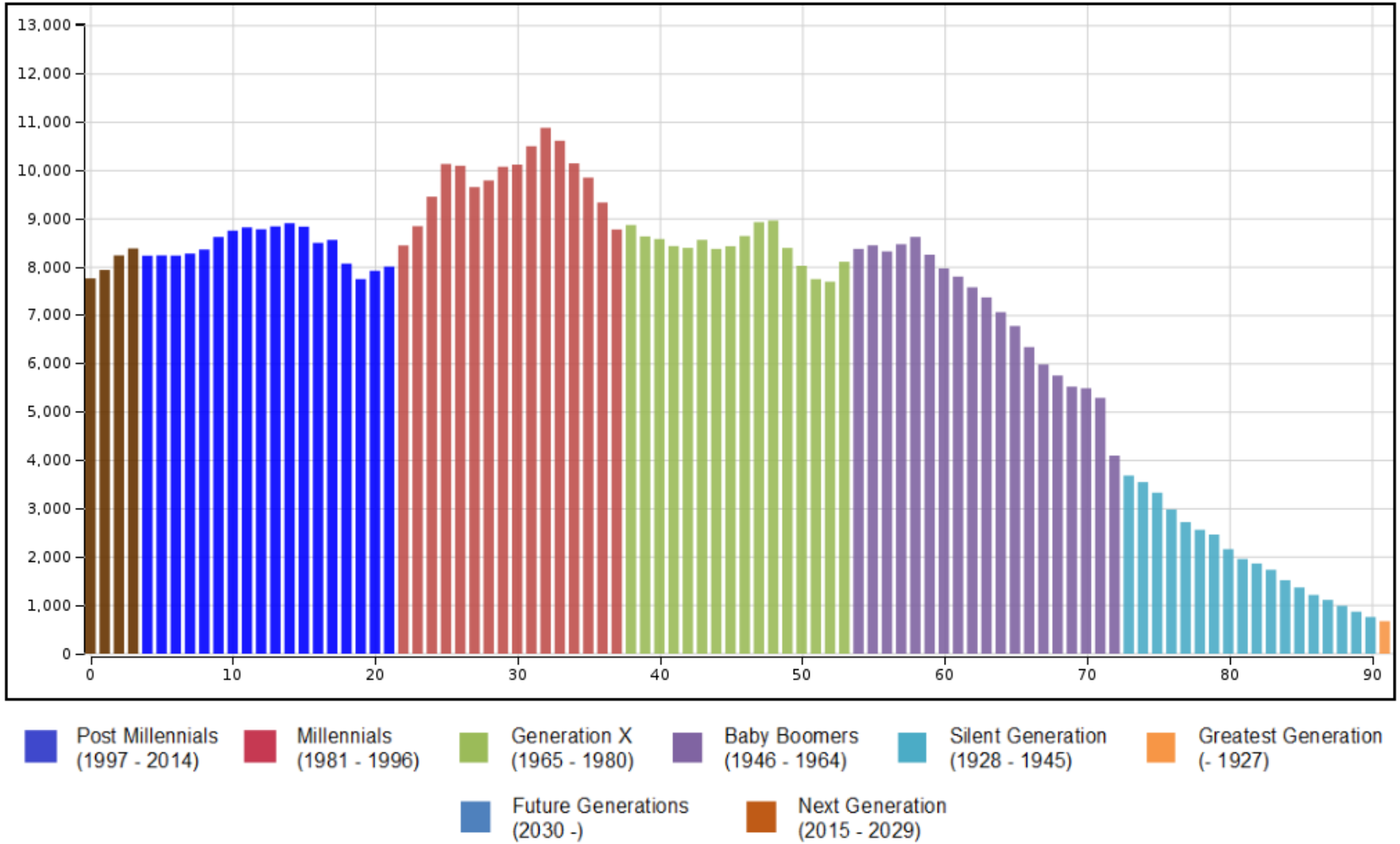Income
Service Demands
Labor Force

Colorado 2018

Post Millenials (1997 - 2014) — Millenials (1981 - 1996) — Generation X (1965 - 1980) — Baby Boomers (1946 - 1964) — Silent Generation (1928 - 1945) — Greatest Generation (- 1927)

Future Generations — Next Generation

COLORADO
DOLA
Department of Local Affairs

Arapahoe County   2018

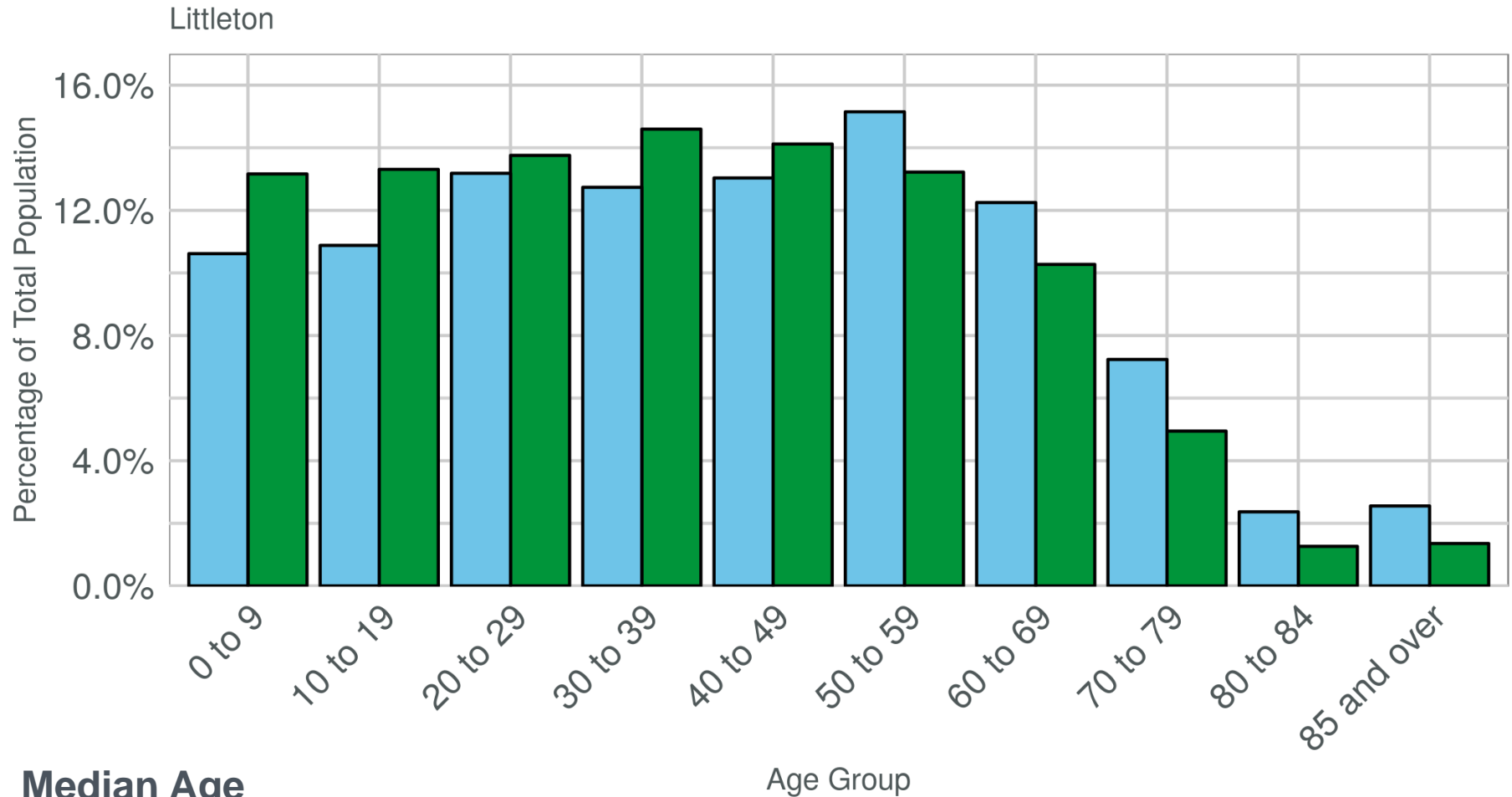| Post Millennials (1997 - 2014)	Millennials (1981 - 1996)	Generation X (1965 - 1980)	Baby Boomers (1946 - 1964)	Silent Generation (1928 - 1945)	Greatest Generation (- 1927)

Future Generations (2030 -)	Next Generation (2015 - 2029)

COLORADO
Department of Local Affairs

Population Distribution by Age for 2017

Littleton

Percentage of Total Population

Age Group

Median Age
CO – 36.5
Arapahoe – 36.4
Littleton – 42.2

Geography □ Littleton ■ Arapahoe County

Source: U.S. Census Bureau, 2013-2017 American Community Survey, Print Date: 02/20/2019

DOLA
CO
COLORADO
Department of Local Affairs
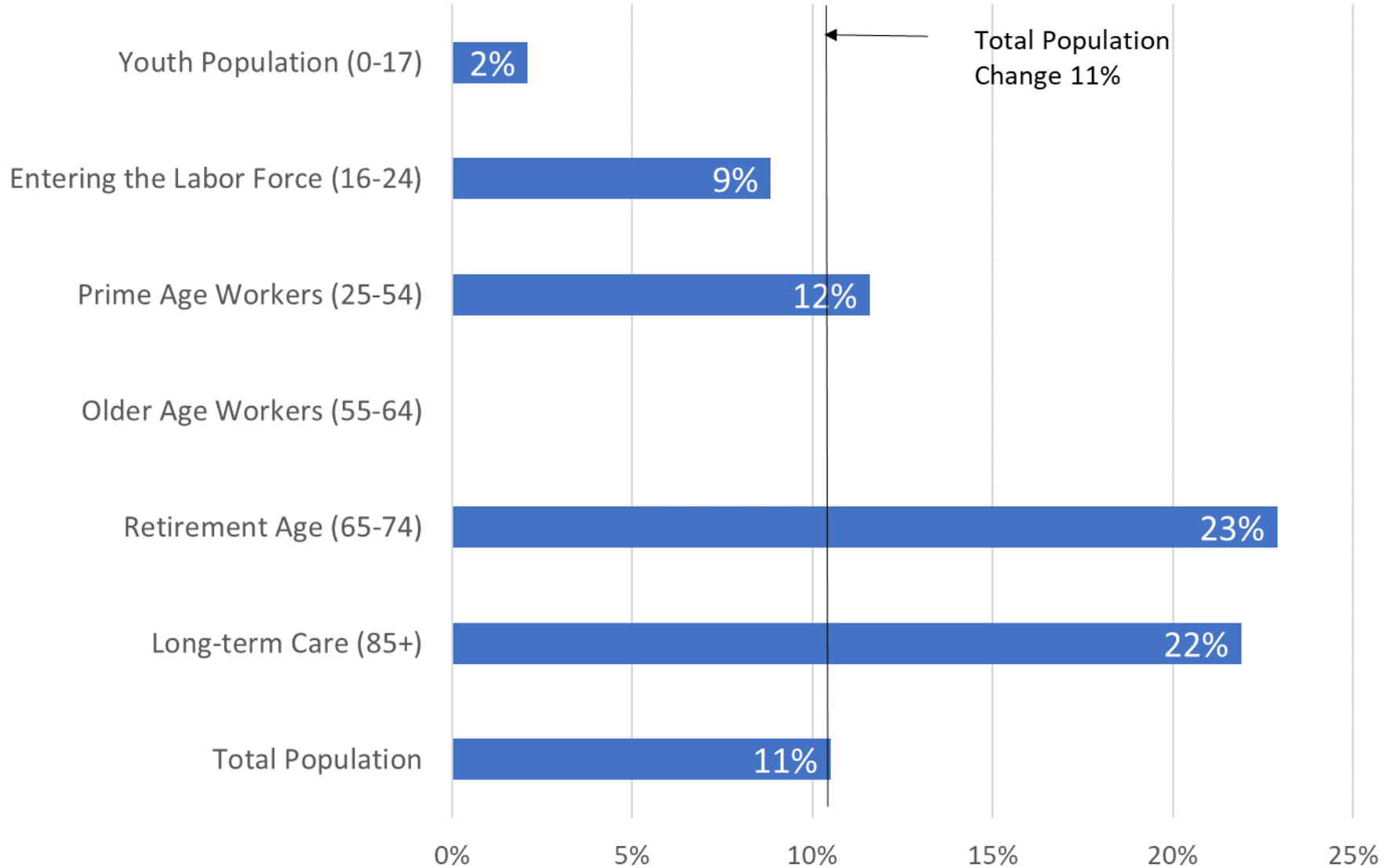
We are Aging Fast

- Currently very few people over the age 65.

  - 6th lowest share of all states in US (14%) in 2017

  - 3rd fastest growing in the 65+

- Baby Boomers

  - Born 1946 – 1964

  - 1,206,000 Boomers in Colorado (21% of pop. in 2018)

- 2018 – 2030 Colorado's population 65+ will grow 806,000 to 1,201,000 (49%) (primarily from aging)

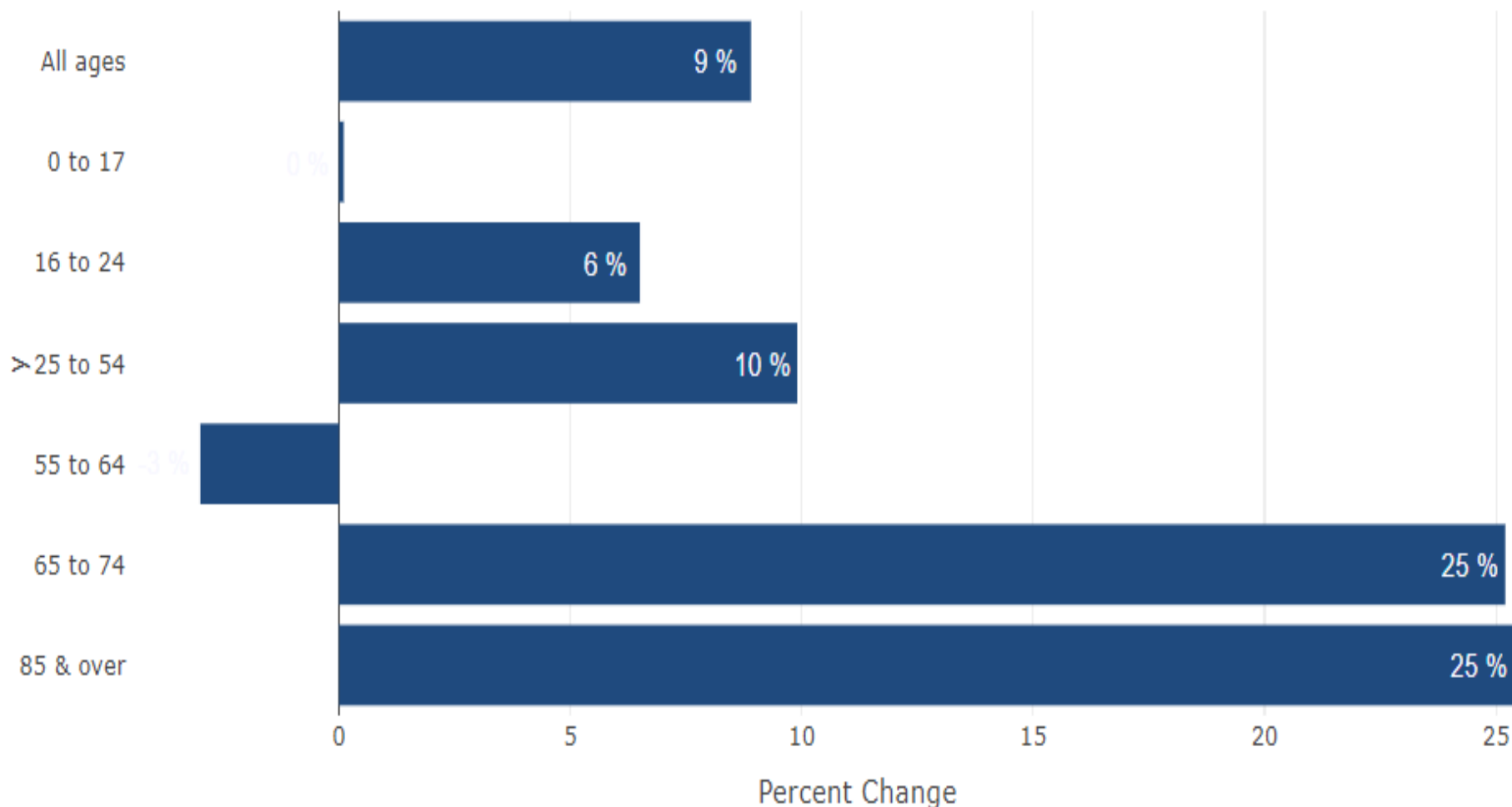- Transition age distribution from "young" to more US average between 2018 and 2030.

Projected Change in Specific Age Group Populations in Colorado, 2018 to 2025

Total Population Change 11%

Age Group	Change
Youth Population (0-17)	2%
Entering the Labor Force (16-24)	9%
Prime Age Workers (25-54)	12%
Older Age Workers (55-64)	
Retirement Age (65-74)	23%
Long-term Care (85+)	22%
Total Population	11%

DOLA
CO
COLORADO
Department of Local Affairs

Arapahoe County Aging

Projected Population Change by Age Group, 2018 to 2025

Age Group	Percent Change
All ages	9 %
0 to 17	0 %
16 to 24	6 %
25 to 54	10 %
55 to 64	-3 %
65 to 74	25 %
85 & over	25 %

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
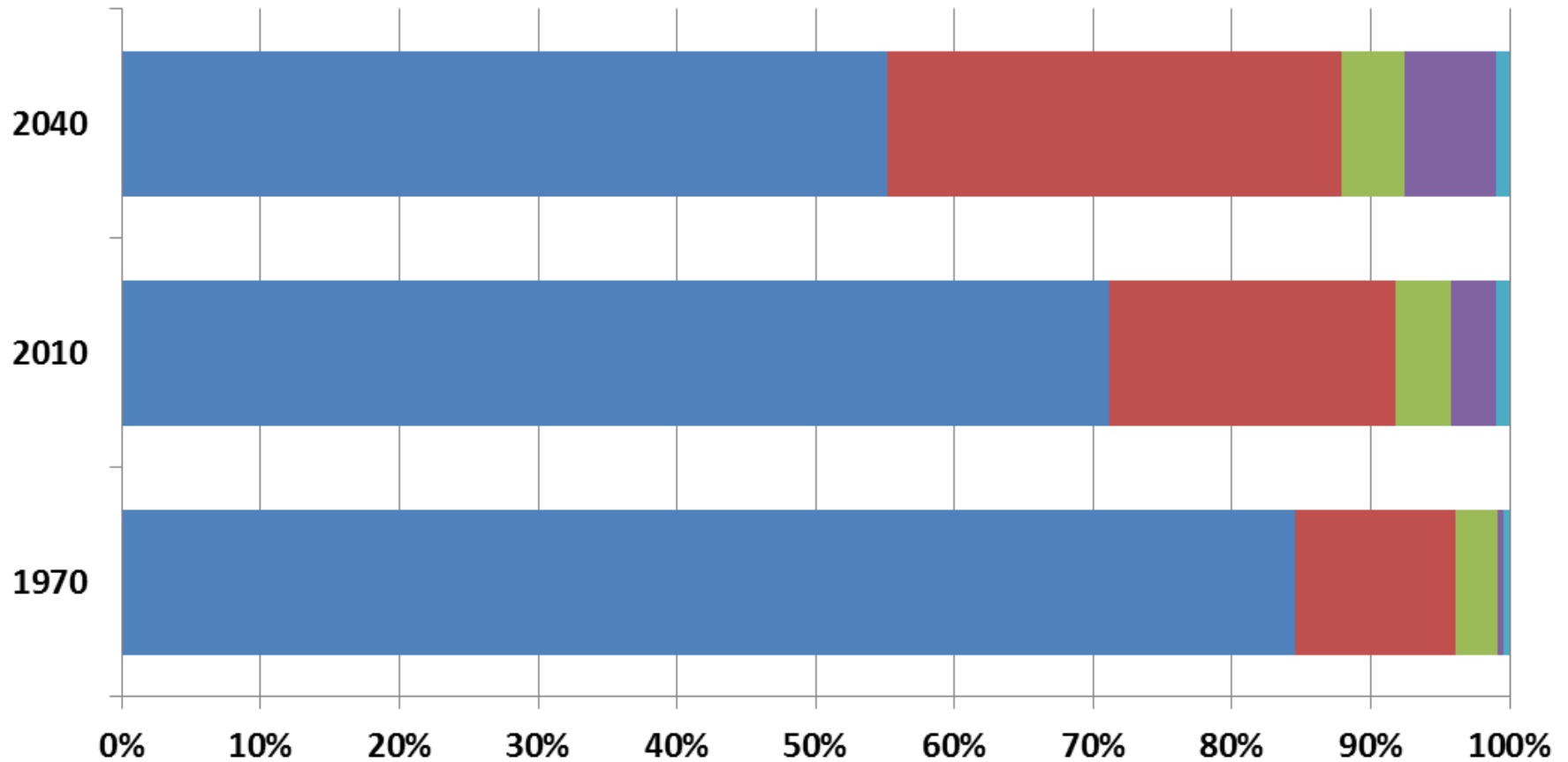- Public Finance – Downward Pressure
- Aging Plan – Make sure to have one.
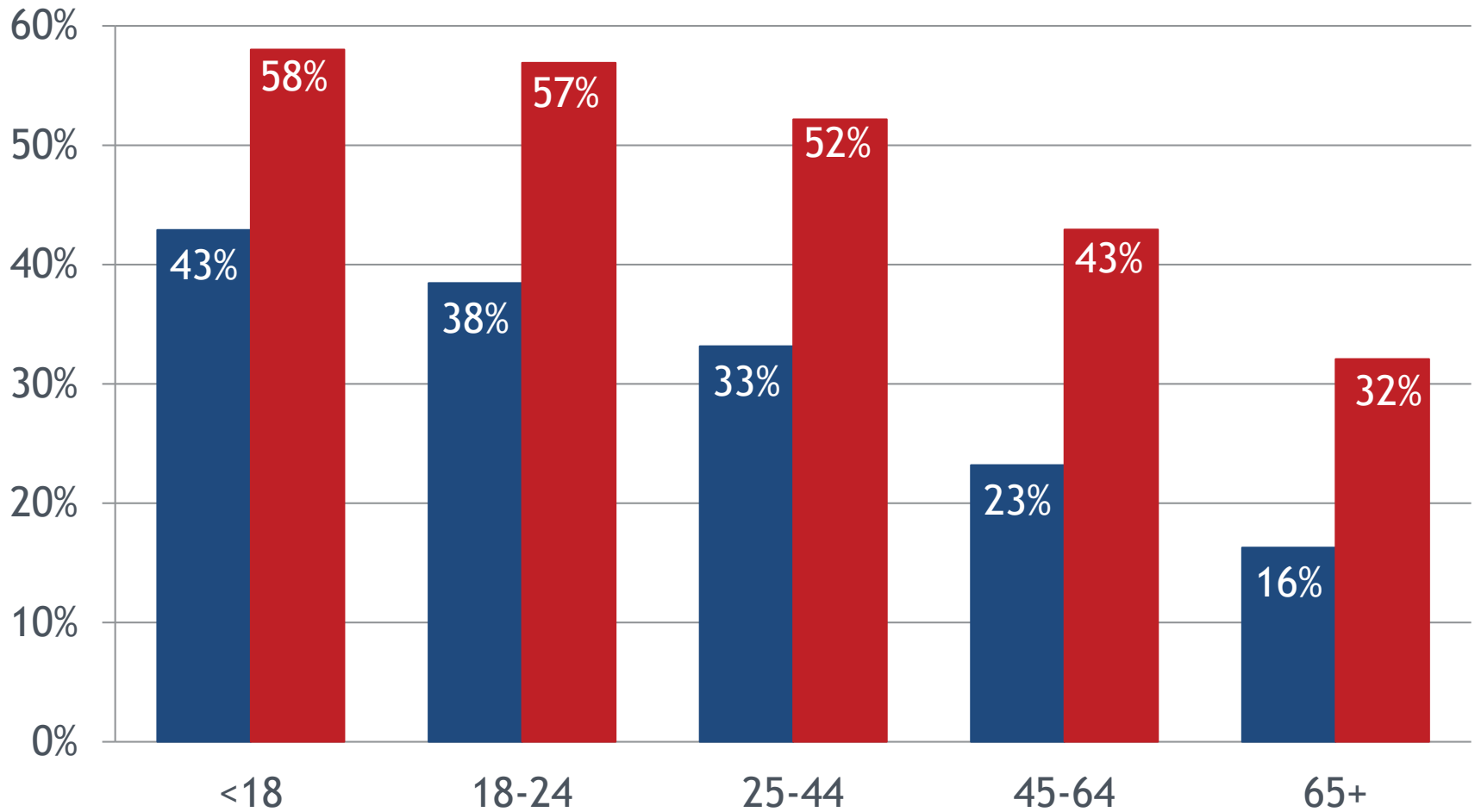
Ethnicity/Race increasing

Colorado Population by Race/Ethnicity

Hispanic, Black, Asian, and other minority share

■ 2015 ■ 2050

Age	2015	2050
<18	43%	58%
18-24	38%	57%
25-44	33%	52%
45-64	23%	43%
65+	16%	32%

DOLA
CO
COLORADO
Department of Local Affairs

Share of Colorado Population Ages 25 to 34 with Associate's Degree or Above by Race and Ethnicity

Source: ACS 1-year PUMS
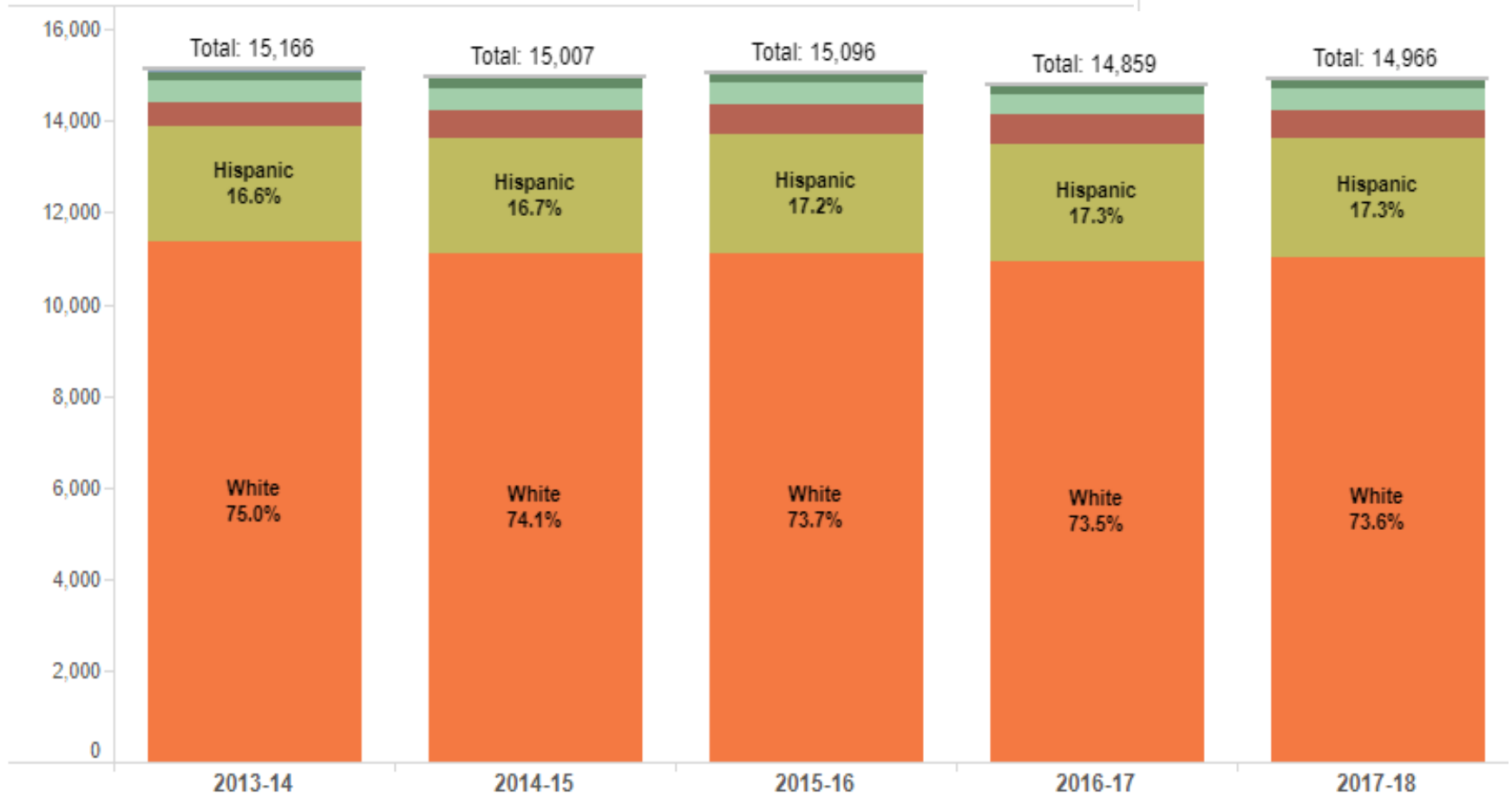
Total Enrollment
by Ethnicity
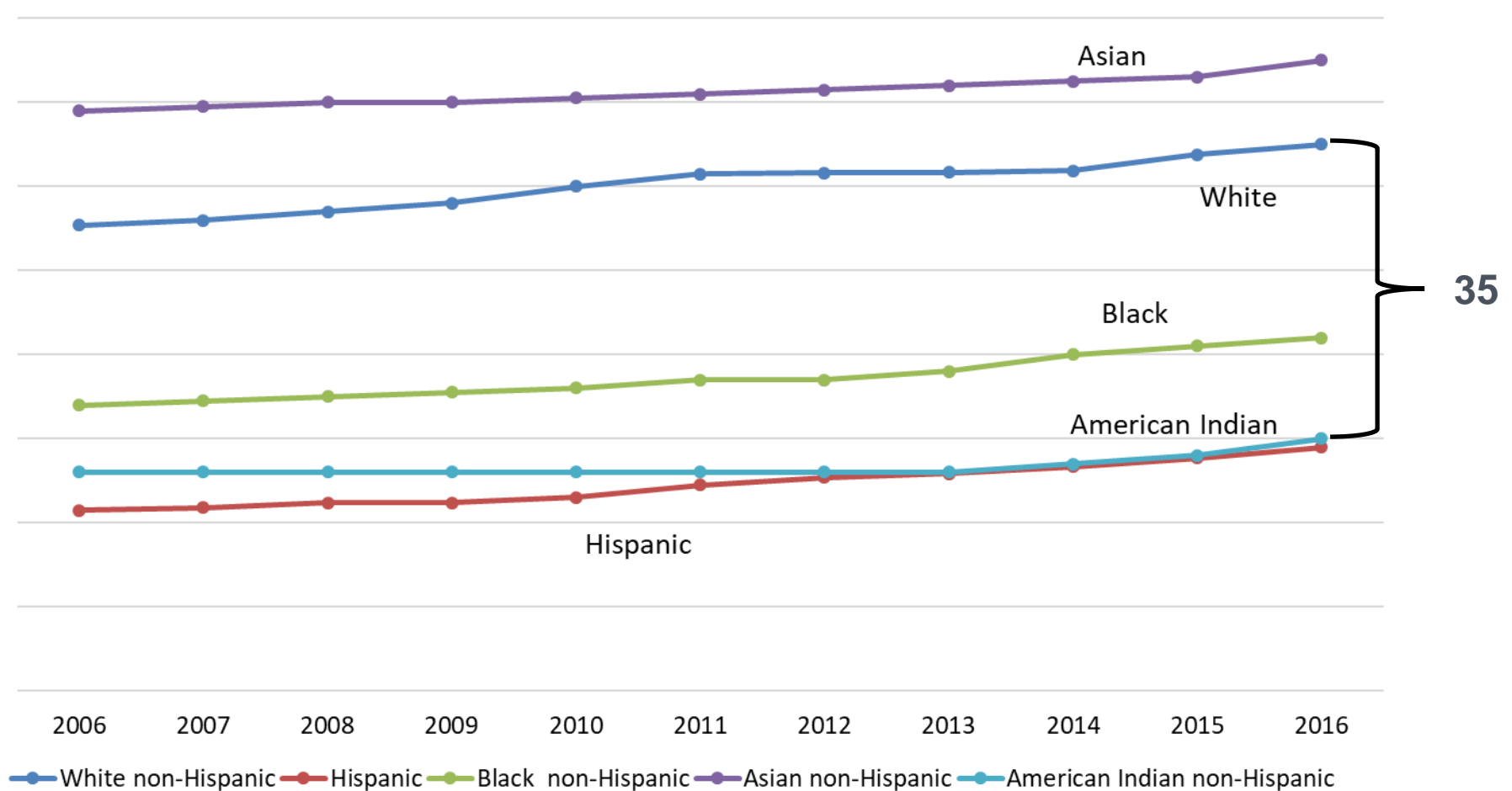
DISTRICT

LITTLETON 6 (0140)

Legend:
- American Indian Or Alaska Native
- Asian
- Black
- Hispanic
- White
- Hawaiian/Pacific Islander
- Two Or More Races

Year	Total	Hispanic	White
2013-14	Total: 15,166	Hispanic 16.6%	White 75.0%
2014-15	Total: 15,007	Hispanic 16.7%	White 74.1%
2015-16	Total: 15,096	Hispanic 17.2%	White 73.7%
2016-17	Total: 14,859	Hispanic 17.3%	White 73.5%
2017-18	Total: 14,966	Hispanic 17.3%	White 73.6%

COLORADO
Department of Local Affairs

Housing and Costs

ACS 2017 Median Home Value

Median Home Value

- $1 to $123,799
- $123,800 to $147,999
- $148,000 to $189,299
- $189,300 to $246,299
- $246,300 to $287,499
- $287,500 to $371,399
- $371,400 +

COLORADO
Department of Local Affairs

Colorado Household Formation vs. Housing Unit Growth

Legend: — Household Formation — New Housing Units

Source: State Demography Office, v2017

COLORADO
Department of Local Affairs
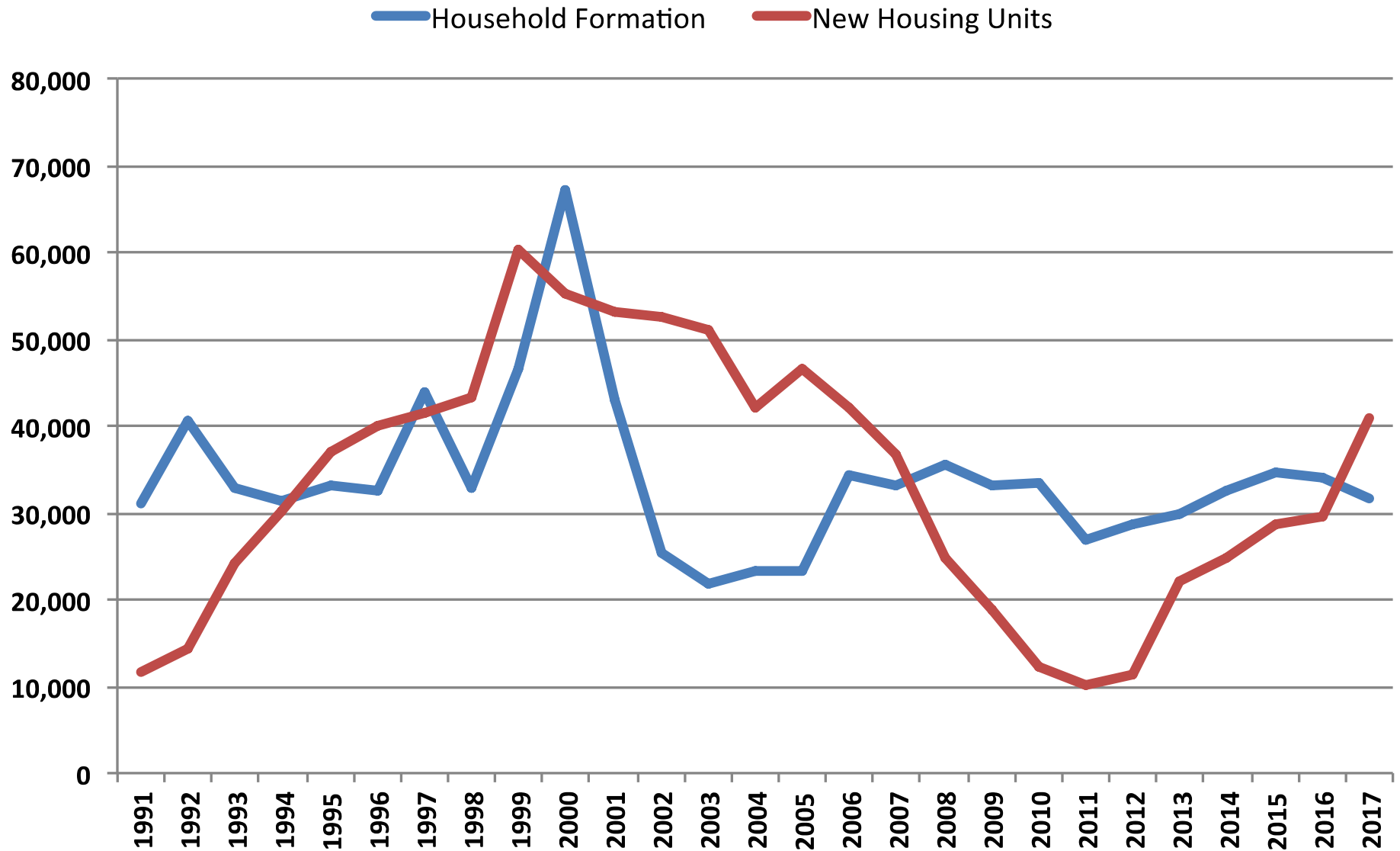
Median Home Value, ACS 2013-17
Owner Occupied
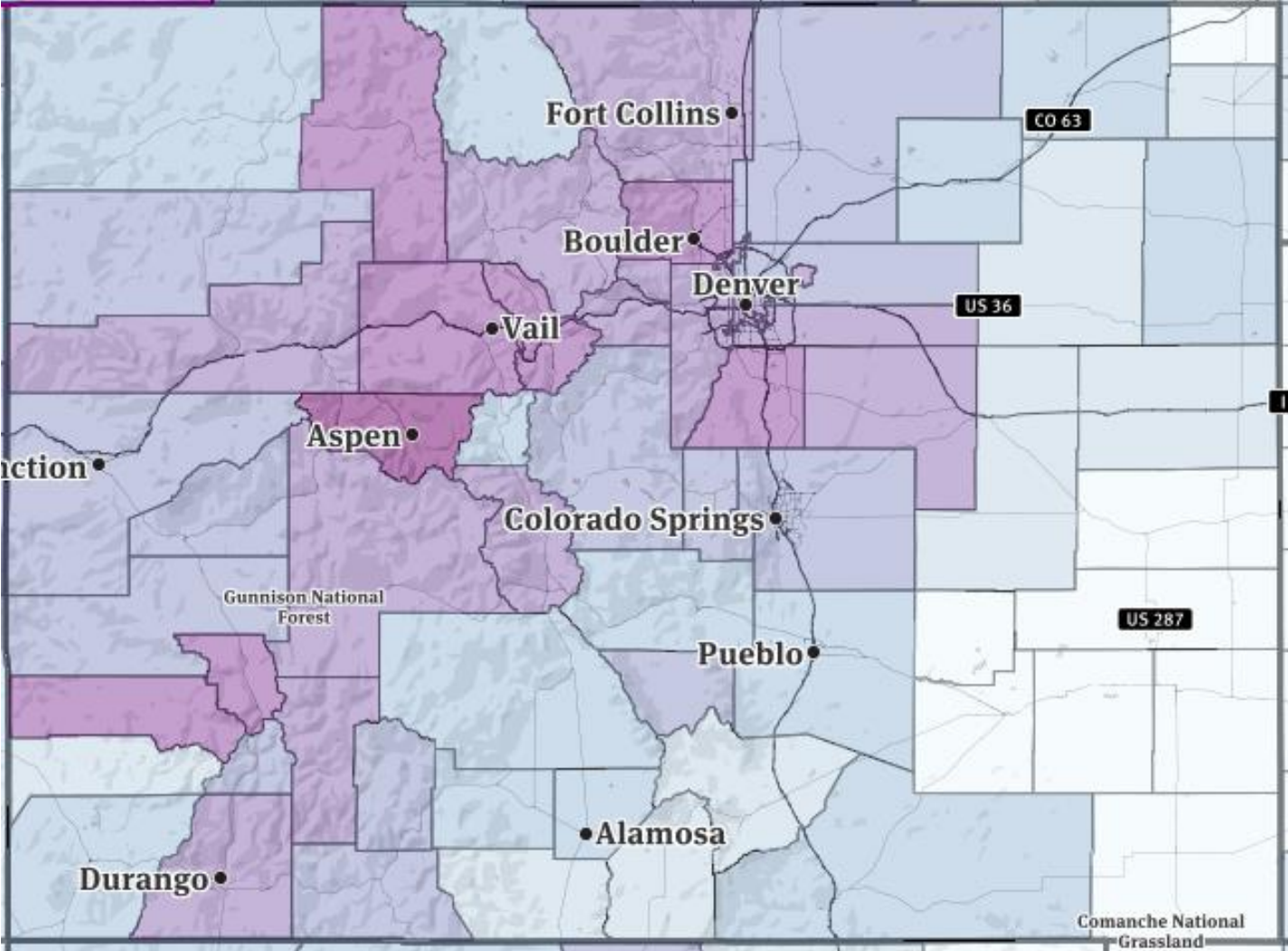
Littleton
$338,900

Arapahoe
$292,900

Colorado
$286,100
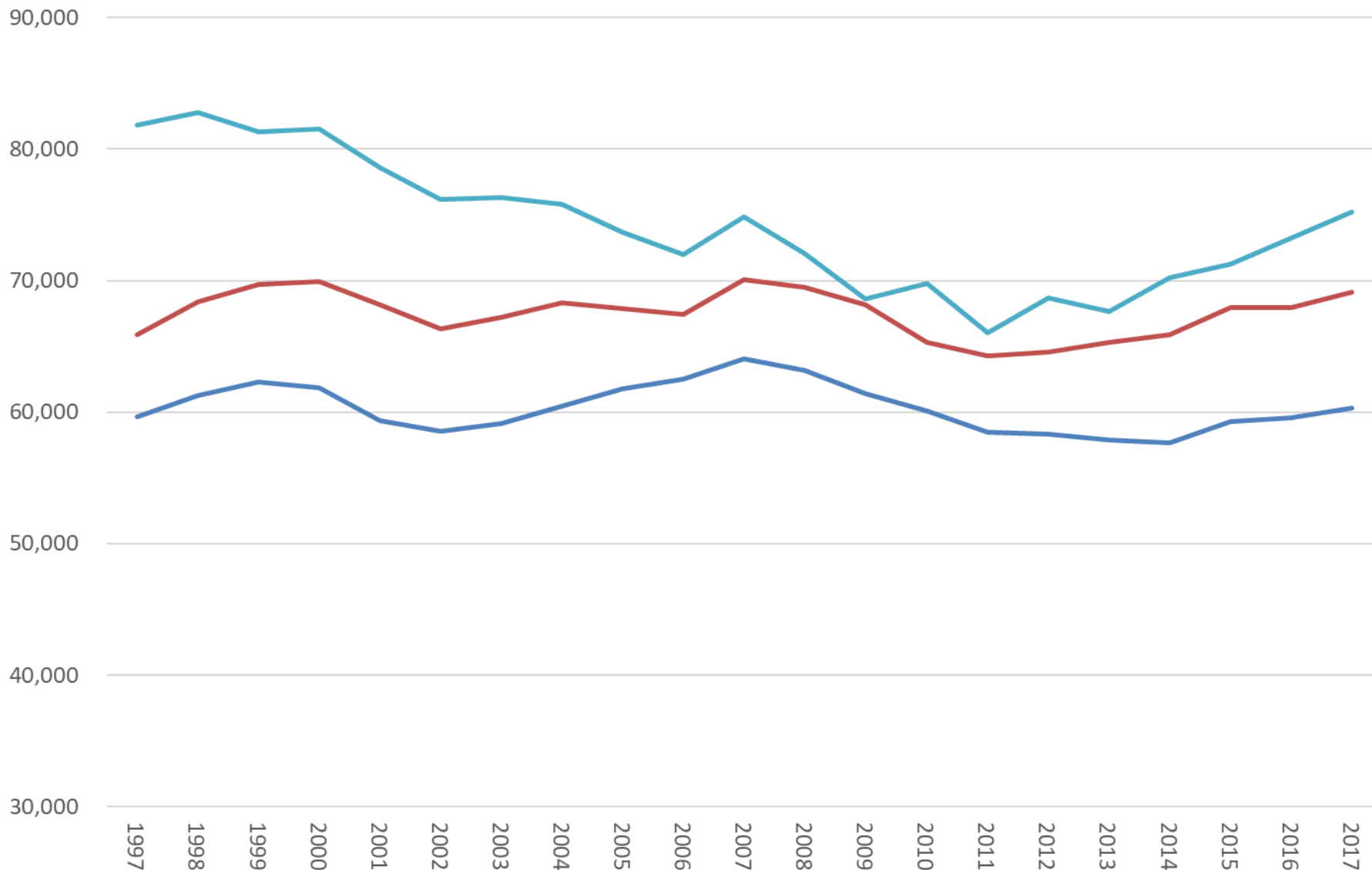
Median Home Value

$1 to $97,699
$97,700 to $139,599
$139,600 to $199,199
$199,200 to $284,399
$284,400 to $396,499
$396,500 to $570,699
$570,700 +

Median Household Income in 2017 Dollars
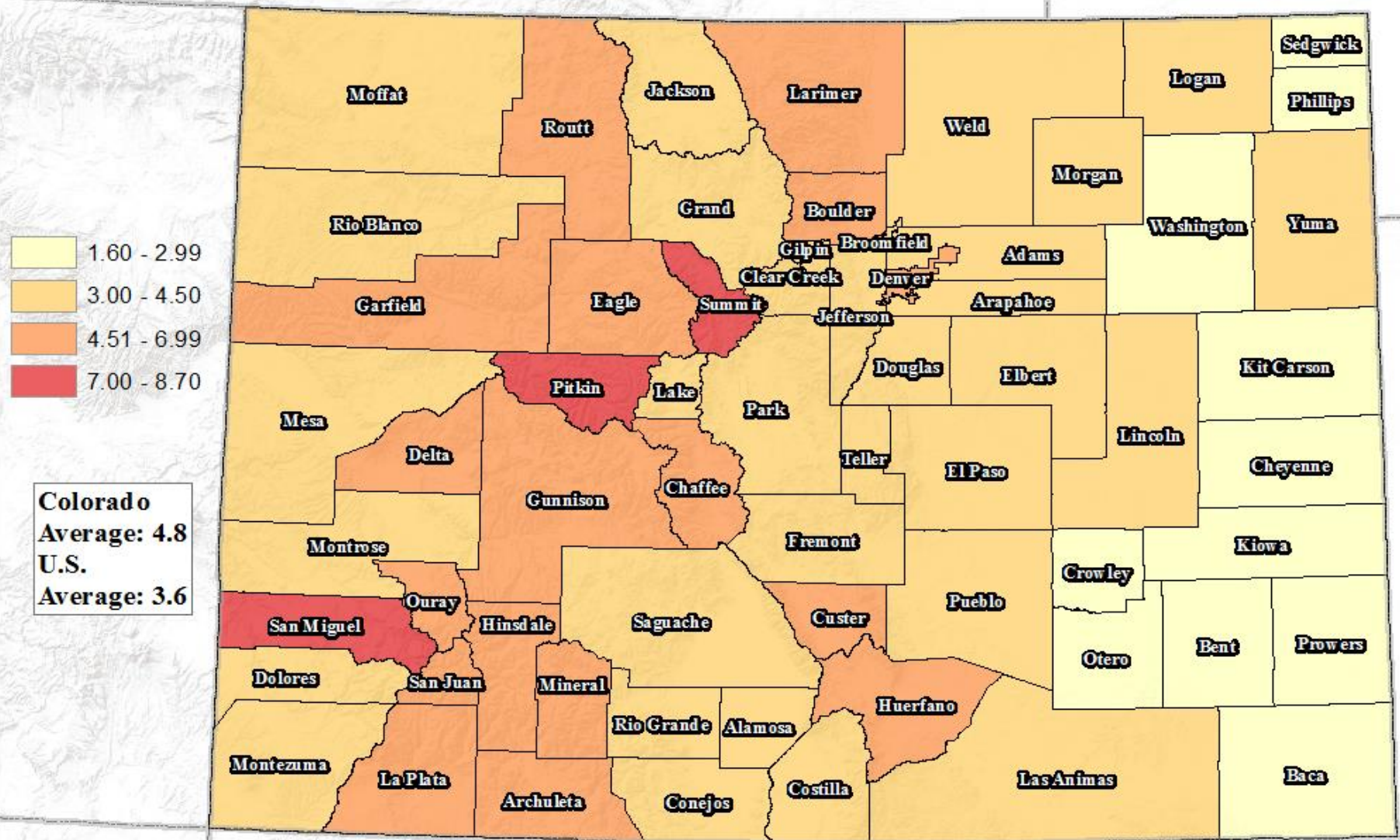
Small Area Income and Poverty Estimates, Census

Years of Median Household Income needed to Buy a Median Value Owner-Occupied Home in 2016

Legend:
- 1.60 - 2.99
- 3.00 - 4.50
- 4.51 - 6.99
- 7.00 - 8.70

Colorado Average: 4.8
U.S. Average: 3.6

Counties labeled on map: Moffat, Routt, Jackson, Larimer, Weld, Logan, Sedgwick, Phillips, Rio Blanco, Grand, Boulder, Morgan, Washington, Yuma, Gilpin, Broomfield, Adams, Clear Creek, Denver, Garfield, Eagle, Summit, Jefferson, Arapahoe, Pitkin, Lake, Park, Douglas, Elbert, Kit Carson, Lincoln, Mesa, Delta, Teller, El Paso, Cheyenne, Gunnison, Chaffee, Fremont, Kiowa, Montrose, Crowley, Ouray, Hinsdale, Saguache, Custer, Pueblo, San Miguel, Otero, Bent, Prowers, Dolores, San Juan, Mineral, Rio Grande, Alamosa, Huerfano, Montezuma, La Plata, Archuleta, Conejos, Costilla, Las Animas, Baca

2012 - 2016 American Community Survey, Colorado State Demography Office, 08/01/2018

Sources: Esri, USGS, NOAA

SUMMARY

- Disparate growth across the state.

- Slowing birth rates

- Age transitions – workforce and voting block

- Can we continue to attract and retain the best and brightest for the labor force?

- Increasing racial and ethnic diversity.

- Everything is connected – population to jobs to education to housing to daycare to infrastructure to population…

- **Importance to Good Data and Census 2020 Counts**

Thank you

State Demography Office

Department of Local Affairs

Chris Akers

chris.akers@state.co.us

303-864-7751

Demography.dola.colorado.gov