Colorado Population Trends in Aging

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State Demography Office
Colorado Department of Local Affairs
2017
demography.dola.colorado.gov
*Take Aways*....

- What is demographics, the State Demography Office, and how we can be a resource.
- General demographic trends
- Every county is different.
- We are in transition decades.
- More racially/ethnically diverse
- We are aging
- Economy drives a large portion of population change through migration.
- Downward pressure on incomes.
Big Picture - 2015-2016 Pop Change

- US - 323.1 million, + 2.2 million or .7%
- Colorado - 5,540,500
- Ranked 7th fastest 1.7% - UT, NV, ID, FL, WA, OR
- 8th absolute growth 91,700 - TX, FL, CA, WA, AZ, NC, GA
- Growth in Colorado disproportionately concentrated in Front Range
  - +14,000 El Paso County
  - Denver County +13,000
  - Weld County fastest urban (3.5%)
  - Costilla County fastest overall (4.4%)
El Paso

Net Migration by Age, 2000 to 2010
# Colorado State to State Migration

## 2015 State to State Migration

<table>
<thead>
<tr>
<th>In</th>
<th>Out</th>
<th>Net</th>
</tr>
</thead>
<tbody>
<tr>
<td>California</td>
<td>Texas</td>
<td>California</td>
</tr>
<tr>
<td>Texas</td>
<td>California</td>
<td>Illinois</td>
</tr>
<tr>
<td>Florida</td>
<td>Arizona</td>
<td>Wisconsin</td>
</tr>
<tr>
<td>Illinois</td>
<td>Florida</td>
<td>Virginia</td>
</tr>
<tr>
<td>Arizona</td>
<td>Wyoming</td>
<td>Florida</td>
</tr>
</tbody>
</table>
Migration by doners and 65+ trend
Colorado New Jobs and Net Migration

Source: State Demography Office
Why Are We Getting Old Fast?

• Currently very few people over the age 65.
  ◦ 6th lowest share of all states in US (13%) in 2015

• Baby Boomers
  ◦ Born 1946 - 1964
  ◦ 1,360,000 Boomers in Colorado (25% of pop. in 2015)

• By 2030, Colorado’s population 65+ will be 77% larger than it was in 2015 growing from 719,000 to 1,270,000. (primarily from aging)

• Transition age distribution from “young” to more US average between 2015 and 2030.
Growth in young adults due to migration

Demographic Dividend

Aging

Colorado Population by Age 1990-2030

AGE

COLORADO Department of Local Affairs
Forecast for the Population 65+ in Colorado

Source: Census and State Demography Office

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>27%</td>
</tr>
<tr>
<td>2010</td>
<td>32%</td>
</tr>
<tr>
<td>2020</td>
<td>61%</td>
</tr>
<tr>
<td>2030</td>
<td>39%</td>
</tr>
<tr>
<td>2040</td>
<td>15%</td>
</tr>
</tbody>
</table>
## Change in the 65+ Population By County 2010-15

<table>
<thead>
<tr>
<th>Fastest Growing</th>
<th>Slowest Growing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arapahoe</td>
<td>18,759</td>
</tr>
<tr>
<td>El Paso</td>
<td>17,318</td>
</tr>
<tr>
<td>Jefferson</td>
<td>17,169</td>
</tr>
<tr>
<td>Douglas</td>
<td>13,099</td>
</tr>
<tr>
<td>Denver</td>
<td>12,358</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>San Juan</td>
<td>13%</td>
<td>70</td>
<td>Cheyenne 1%</td>
</tr>
<tr>
<td>San Miguel</td>
<td>12%</td>
<td>397</td>
<td>Baca 1%</td>
</tr>
<tr>
<td>Elbert</td>
<td>10%</td>
<td>1,425</td>
<td>Sedgwick 1%</td>
</tr>
<tr>
<td>Douglas</td>
<td>10%</td>
<td>13,099</td>
<td>Lincoln 1%</td>
</tr>
<tr>
<td>Routt</td>
<td>10%</td>
<td>1,175</td>
<td>Otero 1%</td>
</tr>
</tbody>
</table>
Forecast Change in the Population 65+
2010 - 2020

Percent Change 65+
- 0% to 25%
- 25% to 50%
- 50% to 75%
- > 75%

Colorado State Demography Office, 10/27/2014
Sources: Esri, USGS, NOAA
Percent of the Population 65+ by Block Group,
Annual Average Growth, 2010 - 2020

- Total Colorado Population: 0%
- CO Population, ages 65-74: 8%
- US Population, ages 65-74: 4%
## Oldest and Youngest States

<table>
<thead>
<tr>
<th>State</th>
<th>Oldest Median Age</th>
<th>Youngest Median Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maine</td>
<td>44.5</td>
<td>Utah</td>
</tr>
<tr>
<td>New Hampshire</td>
<td>42.8</td>
<td>Alaska</td>
</tr>
<tr>
<td>Vermont</td>
<td>42.8</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>West Virginia</td>
<td>42.1</td>
<td>Texas</td>
</tr>
<tr>
<td>Florida</td>
<td>41.9</td>
<td>North Dakota</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>40.7</td>
<td>Idaho</td>
</tr>
<tr>
<td>Connecticut</td>
<td>40.6</td>
<td>Kansas</td>
</tr>
<tr>
<td>Delaware</td>
<td>40</td>
<td>California</td>
</tr>
<tr>
<td>Puerto Rico</td>
<td>40</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>39.9</td>
<td>Georgia</td>
</tr>
<tr>
<td>Colorado</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Colorado is 13th youngest median age at 36.5
## Lowest Share 65+

<table>
<thead>
<tr>
<th>%65+</th>
<th>%85+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaska</td>
<td>9.9%</td>
</tr>
<tr>
<td>Utah</td>
<td>10.3%</td>
</tr>
<tr>
<td>District of</td>
<td>11.5%</td>
</tr>
<tr>
<td>Texas</td>
<td>11.7%</td>
</tr>
<tr>
<td>Georgia</td>
<td>12.8%</td>
</tr>
<tr>
<td><strong>Colorado</strong></td>
<td><strong>13.0%</strong></td>
</tr>
<tr>
<td>California</td>
<td>13.3%</td>
</tr>
<tr>
<td>Louisiana</td>
<td>14.0%</td>
</tr>
<tr>
<td>Maryland</td>
<td>14.1%</td>
</tr>
<tr>
<td>North Dak</td>
<td>14.2%</td>
</tr>
</tbody>
</table>

Colorado has the 6th lowest Share of Pop over 65. as well as over 85

## Highest Share 65+

<table>
<thead>
<tr>
<th>%65+ - Highest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Florida</td>
</tr>
<tr>
<td>Maine</td>
</tr>
<tr>
<td>West Virginia</td>
</tr>
<tr>
<td>Puerto Rico</td>
</tr>
<tr>
<td>Vermont</td>
</tr>
<tr>
<td>Montana</td>
</tr>
<tr>
<td>Pennsylvania</td>
</tr>
<tr>
<td>Delaware</td>
</tr>
<tr>
<td>Hawaii</td>
</tr>
<tr>
<td>New Hampshire</td>
</tr>
<tr>
<td>State</td>
</tr>
<tr>
<td>--------------</td>
</tr>
<tr>
<td>Alaska</td>
</tr>
<tr>
<td>Nevada</td>
</tr>
<tr>
<td>Colorado</td>
</tr>
<tr>
<td>Arizona</td>
</tr>
<tr>
<td>Washington</td>
</tr>
<tr>
<td>South Carolina</td>
</tr>
<tr>
<td>Georgia</td>
</tr>
<tr>
<td>Idaho</td>
</tr>
<tr>
<td>Oregon</td>
</tr>
<tr>
<td>Utah</td>
</tr>
</tbody>
</table>

Colorado has the 3rd fastest growth population over 65
Colorado is 15th fastest in the 85+ population
Colorado Population by Age and % Change

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2015</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 17</td>
<td>20%</td>
<td>25%</td>
</tr>
<tr>
<td>18 to 24</td>
<td>20%</td>
<td>13%</td>
</tr>
<tr>
<td>25 to 44</td>
<td>13%</td>
<td>77%</td>
</tr>
<tr>
<td>45 to 64</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65+</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
El Paso Population Growth by Age Group

- **0 to 17**: 23% (2015), 17% (2030)
- **18 to 24**: 17% (2015), 32% (2030)
- **25 to 44**: 32% (2015), 82% (2030)
- **45 to 64**: -1% (2015), 82% (2030)
- **65 to 100**: 82% (2015), 82% (2030)
Aging Issues

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

• 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
    ◦ 2000-2010 = 300,000
    ◦ 2010-2020 = 400,000
    ◦ 2020-2030 = 600,000

• Demands will vary by industry -
  ◦ Education, Health, Utilities, Mining, Govt.
  ◦ Current low numbers of Long Term Care Workers and Gerontologist
  ◦ Doctors accepting Medicare
  ◦ Increase in demand for caregivers - informal sector

• Metro/urban demands will impact rural areas
Percent Female for the Older Population by Age: 2012 and 2050

The percentage of the older population that is female is projected to decrease, particularly for those 85 and over.

Note: The scale begins at 50 percent, rather than zero.
Disabilities 65+

• Currently 34% have a disability
• Probabilities:
  ◦ 69% 65+ will have a disability at some point
  ◦ 35% 65+ will enter a nursing home
  ◦ 50% 85+ will need assistance with everyday tasks
• Increase in demand for transportation services for those with disabilities.

Percentage of seniors with Alzheimer's disease

10%
Colorado Caregiver Support Ratio
Population 45-64 per population 80+

In 2010 - 9 to 1
In 2020 - 7.4 to 1
In 2030 - 4.6 to 1
In 2040 - 3.5 to 1

Source: State Demography Office
Housing and Household Trends

- Retirees - will they stay or go? - where will they go? Migration?
- 38% of households over 65 are living alone
- **Households at risk - especially single older women.**
- Type of housing - demand by age.
- Location choice related to amenities, health services, transportation services, costs.
- Workers vs. non workers
  - Challenge in tight housing market.
- More people at home during the day.
Colorado Persons 65+ Below Official Poverty Level (poverty rate assumed near 8%)
Aging and Public Finance

- Ratio of 65+ per 18-64 year olds in CO
  - Becoming more “normal”
- End of the “demographic dividend”
- Public Finance - change in revenue and expenditures.
  - Income tax - downward pressure
  - Sales tax - downward pressure
  - Property tax - downward pressure
  - Health services - increasing
  - Medicaid - increasing
Colorado Share of Total

- 25 to 44
- <18
- 45 to 64
- 65 +
- 18 to 24

1990-2010 2010-2030 2030+

Source: State Demography Office
Colorado Dependency Ratio
Share of youth and old age of 18-64 working age population

- 1970
- 1980
- 1990
- 2000
- 2010
- 2020
- 2030
- 2040

- CO Youth, <18
- CO Old Age, 65+

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Average Taxable Expenditures and Colorado population in 2010, 2030

Source: Bureau of Labor Statistics Consumer Expenditure Survey (2009), State Demography Office
Average Income Before Taxes by Age Cohort, 2011-12

- Under 25 years
- 25-34 years
- 35-44 years
- 45-54 years
- 55-64 years
- 65-74 years
- 75 years and older

[Bar chart showing income distribution across different age groups.]
Summary of Aging Trends

- Numbers issue because Colorado has really never had a large share of people over 65 compared to the rest of its population.
- Largest changes expected in Front Range and Western Slope but will have statewide impact due to numbers.
- Implications for Labor Force, Housing, Transportation, Economy, Healthcare, etc.
- Forecasting Net Migration of 65+ to Colorado to remain close to zero but...... that could change
  - Could be higher - based on family
  - Could be lower - based on costs and potential lack of amenities
STATE DEMOGRAPHY OFFICE

The State Demography Office is the primary state agency for population and demographic information.

Popular Items

- Crosstabs - The Blog Taking a Closer Look at the Economics & Demographics of Colorado
- Community Profiles
- Publications and Presentations
- Infographics
- County Data Lookup
- Training

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

Municipal Boundary Map  Special Districts Map  DOLA Grants Map

Census and American Community Survey

ACS 2011-2015  Census API  Query Data  Census 2010 Data
Thank you!

Questions??

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