Colorado Demographic Trends

Elizabeth Garner  
State Demographer  
Colorado Department of Local Affairs  
www.colorado.gov/demography  
January 2011  
Elizabeth.garner@state.co.us  

Department of Local Affairs  

Strengthening Colorado Communities
Colorado Demography Office

- **State Agency**
  - Responsible for population data needed by state agencies.

- **Department of Local Affairs**
  - Prepares data and information in ways that account for local perspectives, needs.

- **Public Information**
  - Makes data and information readily available to the public, including citizens, businesses and non-profit agencies.

- **Outreach**
  - Work with local governments and others to understand what the numbers are saying
Who Are We and Why Does it Matter?

- Services – age, race/ethnicity
- Housing – prices, types
- Jobs – education, wages
- Market
- Schools
- Health Care
- Its all related....
- Now
- Future - Planning
State Is Very Diverse

- Different economic drivers will result in different demographics (age, education etc.)
  - Tourism, Agriculture, Oil and Gas, Retirees National/Regional Services.
  - Environment – natural or built will facilitate different economic drivers.

- Age distribution varies
  - Economy – type of industry
  - Access to Education
  - Environment – natural or built will facilitate different demographic segments. (outdoor recreation, home prices/types, transportation)

- Understanding your economic drivers will help to understand the demographic components of your area
Its All About Relationships

- **The Economy**: jobs, personal income.
- **The Labor Market**: commuters, second jobs, the Labor Force = employed + unemployed.
- **POPULATION**: by age and gender.
- **Social Characteristics**: ethnicity, other.
- **Living Arrangements**: group qtrs, households.
- **Household Income**: by household types.
- **Housing Units**: various characteristics.
Current Colorado Profile

- April 2010 population estimate of 5 million 9th fastest growth at 16.9% in the US from 2000.
  - US grew at 9.7%
- Annual average growth rates within the state since 2000 range from 5.6% to -1.4%
- The 7 county metro area has an estimated 2009 population of 2.82 million or 55% of the total state population.
- Since 2000 the fastest growing part of the state has been the North Front Range with an annual average growth rate of 2.7% followed by the Western Slope at 2.2%.
Demographic Profile for Larimer and Weld

- Economic
  - Total Estimated Jobs by Industrial Sector
  - Economic Base
  - Forecast of the Base Industry Groups

- Population
  - Estimates 2000-09
  - Households/housing
  - Characteristics (age, education, income etc)
  - Forecasts

- Census Bureau American Community Survey
  - Detailed Characteristics
Weld Total Estimated Jobs 2009

- Manufacturing
- Local Government
- Retail Trade
- Construction
- Health Services & Soc. Asst.
- Other Services, exc. Pub Ad
- Mgmt. & Admin/Support
- Accommodations, Food Srvcs
- Agriculture
- Government, Federal & State
- Finance & Insurance
- Prof., Sci. & Tech. Services
- Wholesale Trade
- Mining & Utilities
- Transprt & Warehousing
- Real Estate & Rental
- Recreation, Enter., & Arts
- Information
- Education - Private

0 2,000 4,000 6,000 8,000 10,000 12,000
Larimer Total Estimated Jobs 2009

- Retail Trade
- Health Services & Soc. Asst.
- Government, Federal & State
- Accommodations, Food Srvc
- Prof., Sci. & Tech. Services
- Local Government
- Construction
- Manufacturing
- Other Services, exc. Pub Ad
- Mgmt. & Admin/Support
- Real Estate & Rental
- Finance & Insurance
- Recreation, Enter., & Arts
- Wholesale Trade
- Information
- Transprt & Warehousing
- Education - Private
- Agriculture
- Mining & Utilities

Y-axis: Number of Jobs
X-axis: Job Categories
### PERSONAL INCOME - REGION 2 COUNTIES, 2008

<table>
<thead>
<tr>
<th>Source of Personal Income</th>
<th>Region 2</th>
<th>Larimer</th>
<th>Weld</th>
<th>Colorado</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Personal Income</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>Earned Income by Residents</td>
<td>69.3%</td>
<td>67.9%</td>
<td>71.6%</td>
<td>72.0%</td>
</tr>
<tr>
<td>- Earnings by Place of Work</td>
<td>70.3%</td>
<td>69.1%</td>
<td>72.1%</td>
<td>80.0%</td>
</tr>
<tr>
<td>- Contrib. For Social Ins.</td>
<td>-7.2%</td>
<td>-7.2%</td>
<td>-7.3%</td>
<td>-8.1%</td>
</tr>
<tr>
<td>Residency Adjustment</td>
<td>6.3%</td>
<td>6.0%</td>
<td>6.8%</td>
<td>0.2%</td>
</tr>
<tr>
<td>Transfer Payments</td>
<td>11.8%</td>
<td>10.7%</td>
<td>13.8%</td>
<td>10.0%</td>
</tr>
<tr>
<td>- Retirement &amp; Disability</td>
<td>4.8%</td>
<td>4.6%</td>
<td>5.0%</td>
<td>3.9%</td>
</tr>
<tr>
<td>- Medical: Medicare,-caid, VA</td>
<td>4.6%</td>
<td>3.9%</td>
<td>5.7%</td>
<td>4.0%</td>
</tr>
<tr>
<td>Other</td>
<td>2.5%</td>
<td>2.1%</td>
<td>3.1%</td>
<td>2.1%</td>
</tr>
<tr>
<td>Dividends, Interest, and Rent</td>
<td>18.8%</td>
<td>21.4%</td>
<td>14.6%</td>
<td>17.9%</td>
</tr>
</tbody>
</table>
## NORTH FRONT RANGE - REGION 2
### ECONOMIC BASE (JOBS), 2009

<table>
<thead>
<tr>
<th></th>
<th>Region 2</th>
<th>Larimer</th>
<th>Weld</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TRADITIONAL</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agribusiness</td>
<td>17,922</td>
<td>4,266</td>
<td>13,656</td>
</tr>
<tr>
<td>Mining</td>
<td>3,287</td>
<td>269</td>
<td>3,018</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>12,551</td>
<td>8,621</td>
<td>3,930</td>
</tr>
<tr>
<td>Government</td>
<td>20,787</td>
<td>15,652</td>
<td>5,134</td>
</tr>
<tr>
<td><strong>NAT’L / RGL SERVICES</strong></td>
<td>37,720</td>
<td>25,347</td>
<td>12,373</td>
</tr>
<tr>
<td>Mining, Construction</td>
<td>4,523</td>
<td>2,508</td>
<td>2,015</td>
</tr>
<tr>
<td>Trade &amp; Transportation</td>
<td>4,442</td>
<td>2,522</td>
<td>1,920</td>
</tr>
<tr>
<td>Information, Comm.</td>
<td>1,553</td>
<td>1,115</td>
<td>439</td>
</tr>
<tr>
<td>Financial Activities</td>
<td>1,394</td>
<td>464</td>
<td>930</td>
</tr>
<tr>
<td>Prof. &amp; Business Srvcs</td>
<td>10,498</td>
<td>8,365</td>
<td>2,133</td>
</tr>
<tr>
<td>Health &amp; Education</td>
<td>15,279</td>
<td>10,351</td>
<td>4,928</td>
</tr>
<tr>
<td><strong>TOURISM</strong></td>
<td>12,612</td>
<td>9,444</td>
<td>3,168</td>
</tr>
<tr>
<td>Recr., Lodging, Food</td>
<td>8,900</td>
<td>7,149</td>
<td>1,751</td>
</tr>
<tr>
<td>Real Est., Construction</td>
<td>1,450</td>
<td>858</td>
<td>592</td>
</tr>
<tr>
<td>Retail Trade</td>
<td>1,519</td>
<td>1,006</td>
<td>512</td>
</tr>
<tr>
<td>Transportation</td>
<td>742</td>
<td>430</td>
<td>313</td>
</tr>
<tr>
<td><strong>HOUSEHOLD BASIC</strong></td>
<td>42,329</td>
<td>27,498</td>
<td>14,830</td>
</tr>
<tr>
<td>Retirees</td>
<td>16,845</td>
<td>11,456</td>
<td>5,389</td>
</tr>
<tr>
<td>Commuters</td>
<td>11,327</td>
<td>6,749</td>
<td>4,578</td>
</tr>
<tr>
<td>Trans &lt;65</td>
<td>5,688</td>
<td>3,281</td>
<td>2,407</td>
</tr>
<tr>
<td>DIR &lt; 65</td>
<td>8,468</td>
<td>6,012</td>
<td>2,457</td>
</tr>
<tr>
<td><strong>TOTAL DIRECT BASIC</strong></td>
<td>147,207</td>
<td>91,097</td>
<td>56,110</td>
</tr>
<tr>
<td><strong>TOTAL INDIRECT BASIC</strong></td>
<td>22,615</td>
<td>13,900</td>
<td>8,715</td>
</tr>
<tr>
<td><strong>TOTAL NON-BASIC</strong></td>
<td>99,244</td>
<td>59,267</td>
<td>39,977</td>
</tr>
<tr>
<td>(Wkwr LRS)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL ALL JOBS</strong></td>
<td>269,066</td>
<td>164,264</td>
<td>104,802</td>
</tr>
<tr>
<td>Ratio: Ind + NB / D. B.</td>
<td>0.83</td>
<td>0.80</td>
<td>0.87</td>
</tr>
<tr>
<td>Ratio: Total / Dir. Basic</td>
<td>1.83</td>
<td>1.80</td>
<td>1.87</td>
</tr>
</tbody>
</table>
Overview of Demographic Trends

- Most of Colorado’s population change is related to economic change. Net migration.
- Aging of the Baby Boomers
- Growing racial and ethnic diversity
- Changing occupational mix
- Growing income diversity
Colorado Population Change

Source: State Demography Office
Baby Boomers

- First “Boomers” will soon reach 65 and are currently aged between 45 and 65.
- Between 2000 and 2010, Colorado’s population 55 – 64 increased by an annual average of 6.1% from 338,000 to 619,000 compared to the total population of 1.8%
- By 2030, Colorado’s population 65 and over will be 3 times that in 2000 growing from 400,000 to 1.3 million.
Annual Average Growth, 2010 - 2020

- Total Colorado Population
- CO Population, ages 65-74
- US Population, ages 65-74
Colorado Population by Age 2000

4,340,000
Colorado Population By Age
2000 and 2030

Number of Persons

Age

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85

0 10,000 20,000 30,000 40,000 50,000 60,000 70,000 80,000 90,000 100,000 110,000

1,200,000

419,000
Aging Issues

- **Numbers**
  - Colorado has never had many older people
    - 4th lowest in 65+ (2000 Census)
    - 6th highest in baby boomers - 31% (2000 Census)
    - Migrate in people primarily 20-40

- **Healthier**
  - 65-75 – Active
  - 75+ – Service Demands, New Issue

- **Economic Driver - wealthier …. depends**
  - Spending of people 65+ supported approximately 118,000 jobs in 2009. (.25 jobs per person 65+)
  - Forecast to support 346,000 by 2030
  - Impact on occupational mix
    - Health Services both high and low end
Aging Issues
Labor Force

- The share of the population in the labor force has been increasing over time but will begin to decline in the next 5-10 years due to aging.
- Boomers are 45% of the labor force (2000)
  - Staying longer in workforce – want and need to
  - Data already showing larger share of 65+ staying in labor force
- **Increase demands**
  - Replacement - demand by sector is different.
  - new demands created by retiree needs
  - Increase in demand for caregivers – informal sector
Aged Dependency Ratio
Pop 65+ per person 18-64
Aging Issues
Housing and Household Trends

- Retirees – will they stay or go? – where will they go? Migration?
- Persons per household are forecast to shrink
  - Baby boomers – kids are leaving
  - Changes in household formation
  - Increase demand for housing units
  - Households at risk – single older women.
- Type of housing – demand by age.
  - Developers should watch demographic changes
- Location choice related to amenities, health services, transportation services, costs.
Race and Ethnicity Trends

- Colorado’s population will continue to become more diverse.
  - Share of minority expected to increase from 27.1 in 2010 to 32.6 by 2040.
- 16% of Colorado’s current population over age 65 is a minority.
- 35% of Colorado’s population under age 18 is a minority.
Colorado Minority Share of Total Population by Age Group

- 2010
- 2040

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-17</td>
<td>50%</td>
</tr>
<tr>
<td>18-24</td>
<td>30%</td>
</tr>
<tr>
<td>25-44</td>
<td>20%</td>
</tr>
<tr>
<td>45-64</td>
<td>15%</td>
</tr>
<tr>
<td>65+</td>
<td>5%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>
Occupational Mix

- Continue shift out goods-producing into service producing
  - High tech.
  - Business services
  - Health and social services
- Aging demand
- Growth projected at both the higher and lower ends of pay range.
  - Information technology, health care
  - Health care, hospitality
Demographics and Income

Household Income can be influenced by:

- **Age distributions**
  - An increase at the young or older end will cause median HH Inc. to fall.

- **Occupational Mix**
  - Growth projected at both the higher and lower ends of pay range.

- **Income inequality growing.**

- **Largest job declines have been at the low wage occupations.**

- **Poverty is increasing.**
Conclusions

- The number and the types of jobs we create greatly influence the characteristics of our population.
- Occupational mix is changing.
- Our age distribution is becoming more “average”
- The aging of the “baby boomers” will greatly impact our concept of retirement and aging.
- Household income changes
- Racial/Ethnic diversity increasing
Census 2010 Release Schedule

- February/March 2011 - Redistricting data set. Total Population, 18+, Race/eth., housing, down to the block level.
- June – Rest of data on flow basis.
- Characteristic Data – American Community Survey.
  - Social, Economic, Demographic, Housing
  - 1 yr (65K+), 3 yr (20K+), 5 yr (all places)
Resources:

- State Demography Office:  
  [www.colorado.gov/demography](http://www.colorado.gov/demography)

- Regional Profiles:  
  [https://dola.colorado.gov/dlg/demog/region_profiles.html](https://dola.colorado.gov/dlg/demog/region_profiles.html)

- Colorado Redistricting Website:  

- Census Bureau:  
  [www.census.gov](http://www.census.gov)

- Census Redistricting website:  
  [www.census.gov/rdo](http://www.census.gov/rdo)