Colorado Opportunity Project

Federal Reserve Bank of Kansas City
National Conference: Exploring Financial Resiliency and Mobility

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Susan E. Birch, MBA, BSN, RN Executive Director
Colorado Department of Health Care Policy & Financing
Overview

• Colorado Demographics

• Focus on Collaboration: Working Together to Become the Healthiest State in the Nation

• Brookings Model in Action: Colorado Opportunity Project
  o Family Formation Life stage
  o Local Liaisons & Early Successes

• What’s Ahead: Colorado’s Work to Expand the Model Beyond Middle Age Into Adulthood
Colorado’s Demographics

- Population = 5.4 million
- 83% live in Front Range/Urban

- Medicaid Population = 1.3 million
- 79% live in Front Range/Urban

Household composition

Increases in households will be most significant for older age groups, leading to a smaller share of households with children.

<table>
<thead>
<tr>
<th>Year</th>
<th>Over age 65</th>
<th>Under 65, with children</th>
<th>Under 65, with no children</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>18%</td>
<td>32%</td>
<td>50%</td>
</tr>
<tr>
<td>2040</td>
<td>30%</td>
<td>27%</td>
<td>43%</td>
</tr>
</tbody>
</table>

AGING OF THE LABOR FORCE

In 2010, Colorado was the 4th youngest state in the nation.

Aging of the Baby Boomers will change Colorado’s age distribution rapidly. We’ll look more like the nation by the end of this decade.

Share of the population over age 65 is increasing.

Infographic Source: Colorado Department of Local Affairs, State Demography Office at Colorado.gov/demography
Medicaid Population

FY 2014-15 Medicaid Caseload

- 44% Children & Adolescents under age 20
- 42% Adults ages 21-64
- 7% People with Disabilities in all age groups
- 4% Older Adults 65 or older

Approximately 75% of adults on Medicaid are working

Federal Poverty Levels by Family Size

<table>
<thead>
<tr>
<th></th>
<th>Family of 1</th>
<th>Family of 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>133%</td>
<td>$15,654</td>
<td>$32,252</td>
</tr>
<tr>
<td>260% (CHP+)</td>
<td>NA</td>
<td>$60,625</td>
</tr>
</tbody>
</table>

*Some earning more may still qualify.
Colorado Households Enrolled in Public Assistance Programs

- Cash Only: 2,363
- Food Only: 17,049
- Medical Only: 562,843
- APTC Only**: 75,391

- Cash + Food: 36,111
- Food + Med: 207,770
- Med + APTC: 14,383
- Cash + Med: 45,036
- Med: 34,944

**Cases represent an entire household & may contain multiple individuals

**APTC = Advance Premium Tax Credit

InterDepartmental Collaboration - Governor’s Workforce Cabinet

C O L O R A D O
Department of Health Care Policy & Financing

C O L O R A D O
Department of Human Services

C O L O R A D O
Department of Public Health & Environment

C O L O R A D O
Department of Labor and Employment

C O L O R A D O
Department of Education
Colorado Opportunity Project Goal

To deliver evidence-based initiatives and community-based promising practices that remove roadblocks for all Coloradans, so that everyone will have the opportunity to reach and maintain their full potential.
# Colorado Opportunity Project: Family Formation & Childhood

**Life Stage**

<table>
<thead>
<tr>
<th>Family Formation</th>
<th>Early Childhood</th>
<th>Middle Childhood</th>
</tr>
</thead>
<tbody>
<tr>
<td>(positive birth circumstances)</td>
<td>(ages 0 – 5)</td>
<td>(ages 6 – 11)</td>
</tr>
<tr>
<td>Planned pregnancy, born at healthy birth weight, to dual parent household without maternal depression</td>
<td>School readiness, healthy social emotional skills &amp; family access to affordable, nutritious food</td>
<td>Math/Reading skills &amp; healthy social emotional skills</td>
</tr>
</tbody>
</table>

**Opportunity Indicators**

<table>
<thead>
<tr>
<th></th>
<th>Family Formation</th>
<th>Early Childhood</th>
<th>Middle Childhood</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rate of low birth weight</td>
<td>✓</td>
<td>✓ % of parents concerned about child’s emotions, concentration, behavior, or ability to get along with others (ages 0 - 8)</td>
<td>✓ standardized test: math scores</td>
</tr>
<tr>
<td>Family income</td>
<td>✓</td>
<td>✓ % of families relying on low cost food</td>
<td>✓ standardized test: reading scores</td>
</tr>
<tr>
<td>Maternal depression</td>
<td>✓</td>
<td>✓ children whose family members read to them less than 3 days/week</td>
<td>✓ % of parents concerned about child’s emotions, concentration, behavior, or ability to get along with others (ages 9 - 14)</td>
</tr>
<tr>
<td>Single- or dual-parent household</td>
<td>✓</td>
<td>✓ early screening and intervention</td>
<td></td>
</tr>
<tr>
<td>Unintended pregnancy</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early screening and intervention</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Colorado Opportunity Project: Adolescence - Early Adulthood

## Life Stage

<table>
<thead>
<tr>
<th><strong>Adolescence</strong> (ages 12 – 17)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduates from high school on time, develops healthy social emotional skills, not convicted of a crime, nor become a teen parent</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Transition to Adulthood</strong> (ages 18 – 29)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Currently sustainably employed having attended post-secondary education &amp; has good physical/mental health</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Early Adulthood</strong> (ages 30 – 40)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employment status, has good physical / mental health &amp; middle class household</td>
</tr>
</tbody>
</table>

## Opportunity Indicators

- **Adolescence**
  - High school graduation status
  - Violent arrest & property arrest rates
  - Teen parent status
  - % of students (6th - 12th grade) who report ever feeling sad/hopeless or have considered suicide
  - % of young adults (ages 18 - 25) who are currently depressed

- **Transition to Adulthood**
  - Employed status of population (ages 16 - 19, by race and gender)
  - % of Federal Poverty Level (FPL) / family income
  - Attending post-secondary training / education
  - Avg. # of days poor physical / mental health prevented usual activities, like self-care, work, or recreation

- **Early Adulthood**
  - Avg. # of days poor physical / mental health prevented usual activities, like self-care, work, or recreation
  - % of Federal Poverty Level (FPL) / family income at age 29
  - Employment status of population (by education level, ages 25+)

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[Logo: Colorado Department of Health Care Policy & Financing]
Local Example: Pueblo Coalition

COALITION MISSION STATEMENT
Dedicated to improving the birth weight of babies born to Medicaid members living in the Pueblo Community through increased referral, enrollment, and retention into evidence-based programs.

LARCs & Colorado’s Progress on Teen Pregnancy Prevention

Colorado Medicaid Teen Births (Ages 15-17)

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Rate per 1,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 11-12</td>
<td>14.1</td>
</tr>
<tr>
<td>FY 12-13</td>
<td>13.7</td>
</tr>
<tr>
<td>FY 13-14</td>
<td>9.4</td>
</tr>
</tbody>
</table>

Overall Teen Births in Colorado: 8.9 per 1000

Source: 2014 CDC Vital Statistics

Data Source: Medicaid Birth Certificates/Vital Statistics
Changing the Default - Collaboration with Nurse Family Partnership

Positive Outcomes for Clients Served by Colorado’s Nurse-Family Partnership

- 91% of children at age 24 months were fully immunized
- 90% of babies were born at a healthy weight - at or above 2500g (5.5 lbs)
- 91% of babies were born full term
- 92% of mothers initiated breastfeeding and 36% continue to breastfeed at 6 months

Cumulative data as of Dec. 31, 2015.

21 Agencies, Serving 61 of 64 Counties
Expanding the Model Beyond Middle Age

<table>
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<tr>
<th>LIFE STAGE</th>
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</thead>
<tbody>
<tr>
<td><strong>ADULTHOOD</strong> (age 41 and older)</td>
</tr>
<tr>
<td>Independence at home, employment, social connectedness, preventative services</td>
</tr>
</tbody>
</table>

**OPPORTUNITY INDICATORS**

- ✓ employment status
- ✓ affordable, accessible housing
- ✓ social connections
- ✓ primary care provider
- ✓ sufficient financial resources
- ✓ access to a formal or informal caregiver
- ✓ falls
- ✓ preventable hospitalizations
- ✓ advance care plan
- ✓ early enrollment and hospice use
- ✓ dying in preferred place

**NOTE:** Eligibility for Older Americans Act programs begin at age 60.
What’s Ahead

Full Implementation of the Model Leverages

• Delivery System Innovation
  ➢ Accountable Care Collaborative Model

• Tools of Transformation
  ➢ Financing/Payment Reform
  ➢ Health Information Technology

• Partnerships for Population Health
  ➢ Recognition of Social Determinants
Questions & Discussion

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