Enrollment under the Medicaid Expansion and Health Insurance Exchanges

A Focus on Those with Behavioral Health Conditions in Colorado
Data Sources

• National Survey on Drug Use and Health
  – Sponsored by SAMHSA
  – National and state estimates on prevalence of behavioral health conditions and treatment
  – 2008 – 2010 data
  – Approximately 67,500 interviews per year

• American Community Survey
  – Sponsored by the U.S. Bureau of the Census
  – National and State population estimates, including counts of uninsured by income level
  – 2010 data
  – Approximately 1.9 million persons in sample
Methods for Estimating Uninsured with M/SU Conditions by FPL

- From NSDUH, identified by State the number of uninsured persons aged 18-64 with income:
  - Between 133% and 400% of the Federal poverty level (FPL) eligible for health insurance exchanges
  - Less than 139% of the FPL eligible for Medicaid expansion
- Calculated NSDUH prevalence rates for serious mental illness (SMI) and substance use disorder (SUD) by State, for the above groups
- Applied SMI/SUD prevalence rates to American Community Survey counts of uninsured by State
Prevalence of Serious Mental Illness Among Adults Ages 18 – 64 by Current Medicaid Status and Eligibility for Medicaid Expansion or Health Insurance Exchanges: Colorado, US

<table>
<thead>
<tr>
<th>Population</th>
<th>Prevalence Rate</th>
<th>CI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population</td>
<td>11.7%</td>
<td>4.8% - 29.7%</td>
</tr>
<tr>
<td>(Colorado: 218,197)</td>
<td></td>
<td>CO CI: 10.8% - 12.7%</td>
</tr>
<tr>
<td>Medicaid Expansion Population</td>
<td>12.7%</td>
<td>2% - 11.9%</td>
</tr>
<tr>
<td>(Colorado: 278,906)</td>
<td></td>
<td>CO CI: 6.3% - 7.7%</td>
</tr>
<tr>
<td>Health Insurance Exchange Population</td>
<td>6.0%</td>
<td>2.3% - 18.8%</td>
</tr>
<tr>
<td>(Colorado: 323,487)</td>
<td></td>
<td>CO CI: 5.5% - 6.6%</td>
</tr>
</tbody>
</table>

CI = Confidence Interval
Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)
2010 American Community Survey
Prevalence of Serious Psychological Distress Among Adults Ages 18 – 64 by Current Medicaid Status and Eligibility for Medicaid Expansion or Health Insurance Exchanges: Colorado, US

- Current Medicaid Population (Colorado: 218,197)
  - CO CI: 15.7% - 45.1%
  - U.S. CI: 21% - 23.2%
- Medicaid Expansion Population (Colorado: 278,906)
  - CO CI: 6.3% - 22.6%
  - U.S. CI: 14% - 15.9%
- Health Insurance Exchange Population (Colorado: 323,487)
  - CO CI: 6.9% - 26.3%
  - U.S. CI: 12.5% - 14.2%

CI = Confidence Interval
Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)
2010 American Community Survey
Prevalence of Substance Use Disorders Among Adults Ages 18 – 64 by Current Medicaid Status and Eligibility for Medicaid Expansion or Health Insurance Exchanges: Colorado, US

<table>
<thead>
<tr>
<th>Category</th>
<th>Prevalence Rate</th>
<th>National CI</th>
<th>Colorado CI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population</td>
<td>12.4%</td>
<td>U.S. CI: 11.5% - 13.3%</td>
<td>CO CI: 6.7% - 23%</td>
</tr>
<tr>
<td>Medicaid Expansion Population</td>
<td>14.2%</td>
<td>U.S. CI: 13.2% - 15.2%</td>
<td>CO CI: 7.2% - 19.7%</td>
</tr>
<tr>
<td>Health Insurance Exchange Population</td>
<td>14.6%</td>
<td>U.S. CI: 13.7% - 15.6%</td>
<td>CO CI: 16.5% - 39.8%</td>
</tr>
</tbody>
</table>

CI = Confidence Interval

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)
2010 American Community Survey

Uninsured Adults Ages 18 - 64 with Incomes Between 133-399% of the Federal Poverty Level (Colorado: 323,487)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Colorado CI</th>
<th>National CI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious Mental Illness</td>
<td>6.8%</td>
<td>6.0% - 7.6%</td>
</tr>
<tr>
<td>Serious Psychological Distress</td>
<td>14.0%</td>
<td>12.5% - 15.6%</td>
</tr>
<tr>
<td>Substance Use Disorder</td>
<td>26.6%</td>
<td>16.5% - 23.9%</td>
</tr>
</tbody>
</table>

CI = Confidence Interval
Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)
2010 American Community Survey

Uninsured Adults Ages 18-64 with Incomes < 139% of the Federal Poverty Level (Colorado: 278,906)

- **Serious Mental Illness**:
  - CO CI: 2% - 11.9%
  - U.S. CI: 6.3% - 7.7%
- **Serious Psychological Distress**: 7.0% 14.9% 14.2% 5.0% 12.2% 12.1%
- **Substance Use Disorder**: 0%
  - CO CI: 7.2% - 19.7%
  - U.S. CI: 13.2% - 15.2%

CI = Confidence Interval

Sources:
- 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)
- 2010 American Community Survey
Methods for Estimating Population Characteristics

- From NSDUH, calculated the national prevalence rates for SMI, serious psychological distress (SPD), and SUD by income group with demographic populations of interest (e.g., uninsured non-Hispanic whites with income <138% FPL with SMI)
- Multiplied national prevalence rate by the ACS’ State population by income group with this demographic characteristic (e.g., national % of uninsured 18-34 year olds with income <138% FPL with SMI * ACS State number of 18-34 year olds with income <138% FPL)
- Calculated the percent distribution with condition in the State across demographic groups such as race, age, and education (e.g., percent with SMI with < high school, high school, or college education)
Characteristics of 18-64 Year-Olds with a Serious Mental Illness (SMI) Projected in Medicaid Expansion Population*

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>National</th>
<th>Colorado</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>61%</td>
<td>60%</td>
</tr>
<tr>
<td>Age 18-34</td>
<td>53%</td>
<td>55%</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>66%</td>
<td>73%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>13%</td>
<td>4%</td>
</tr>
<tr>
<td>Other</td>
<td>5%</td>
<td>4%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>16%</td>
<td>19%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; High School</td>
<td>26%</td>
<td>22%</td>
</tr>
<tr>
<td>High School Graduate</td>
<td>38%</td>
<td>37%</td>
</tr>
<tr>
<td>College</td>
<td>37%</td>
<td>41%</td>
</tr>
</tbody>
</table>

Most common characteristics of persons with SMI in Medicaid expansion population in Colorado is:

- Female
- Non-Hispanic White or Hispanic
- College Graduate

* Population with income less than 139% of the Federal Poverty Level and uninsured

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)
2010 American Community Survey
# Characteristics of 18-64 Year-Olds with a Substance Use Disorder (SUD) Projected in Medicaid Expansion Population*

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>National</th>
<th>Colorado</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>75%</td>
<td>76%</td>
</tr>
<tr>
<td>Age 18-34</td>
<td>63%</td>
<td>65%</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>51%</td>
<td>58%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>20%</td>
<td>7%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
<td>3%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>25%</td>
<td>32%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; High School</td>
<td>37%</td>
<td>33%</td>
</tr>
<tr>
<td>High School Graduate</td>
<td>32%</td>
<td>33%</td>
</tr>
<tr>
<td>College</td>
<td>31%</td>
<td>35%</td>
</tr>
</tbody>
</table>

Most common characteristics of persons with SUD in Medicaid expansion population in Colorado is:

- Male
- 18-34 years old
- Non-Hispanic White or Hispanic

* Population with income less than 139% of the Federal Poverty Level and uninsured

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)
2010 American Community Survey
Characteristics of 18-64 Year-Olds with a Serious Mental Illness (SMI) Projected in Health Insurance Exchange*

<table>
<thead>
<tr>
<th></th>
<th>National</th>
<th>Colorado</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>60%</td>
<td>62%</td>
</tr>
<tr>
<td>Age 18-34</td>
<td>57%</td>
<td>59%</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>68%</td>
<td>77%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>10%</td>
<td>3%</td>
</tr>
<tr>
<td>Other</td>
<td>5%</td>
<td>3%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>17%</td>
<td>17%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; High School</td>
<td>18%</td>
<td>14%</td>
</tr>
<tr>
<td>High School Graduate</td>
<td>38%</td>
<td>35%</td>
</tr>
<tr>
<td>College</td>
<td>44%</td>
<td>51%</td>
</tr>
</tbody>
</table>

Most common characteristics of persons with SMI in exchange population in Colorado is:

- Female
- Non-Hispanic White or Hispanic
- College Graduate

* Population with income from 133% to 399% of the Federal Poverty Level and uninsured

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)
2010 American Community Survey
Most common characteristics of persons with SUD in exchange population in Colorado is:

- Male
- 18-34 years old
- Non-Hispanic White or Hispanic
- College Graduate

* Population with income from 133% to 399% of the Federal Poverty Level and uninsured

Sources: 2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)
2010 American Community Survey