Enrollment under the Medicaid Expansion and Health Insurance Exchanges

A Focus on Those with Behavioral Health Conditions in Vermont
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: Vermont, US

<table>
<thead>
<tr>
<th>Population Type</th>
<th>Prevalence Rate</th>
<th>Vermont CI</th>
<th>National CI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population (Vermont: 69,273)</td>
<td>11.7% 16.7%</td>
<td>11.6% - 23.5%</td>
<td>10.8% - 12.7%</td>
</tr>
<tr>
<td>Medicaid Expansion Population (Vermont: 12,592)</td>
<td>7.0% 15.9%</td>
<td>8.5% - 27.8%</td>
<td>6.3% - 7.7%</td>
</tr>
<tr>
<td>Health Insurance Exchange Population (Vermont: 25,378)</td>
<td>6.0% 11.2%</td>
<td>6% - 19.9%</td>
<td>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: Vermont, US

<table>
<thead>
<tr>
<th>Population</th>
<th>Vermont (%)</th>
<th>Confidence Interval (VT CI)</th>
<th>National (%)</th>
<th>Confidence Interval (U.S. CI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population</td>
<td>22.1%</td>
<td>20.5% - 36%</td>
<td>27.6%</td>
<td>14.9% - 35.4%</td>
</tr>
<tr>
<td>Medicaid Expansion Population</td>
<td>14.9%</td>
<td>13.2% - 15.9%</td>
<td>23.3%</td>
<td>14.4% - 34.8%</td>
</tr>
<tr>
<td>Health Insurance Exchange</td>
<td>13.3%</td>
<td>12.5% - 14.2%</td>
<td>22.2%</td>
<td>14.4% - 15.9%</td>
</tr>
</tbody>
</table>

CI = Confidence Interval

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

<table>
<thead>
<tr>
<th>Population</th>
<th>Vermont</th>
<th>CI: 11.7% - 26.4%</th>
<th>National CI: 11.5% - 13.3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population (Vermont: 69,273)</td>
<td>12.4%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medicaid Expansion Population (Vermont: 12,592)</td>
<td>14.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Insurance Exchange Population (Vermont: 25,378)</td>
<td>14.6%</td>
<td></td>
<td></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 (Vermont: 25,378)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Vermont CI</th>
<th>National CI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious Mental Illness</td>
<td>6.0% - 19.9%</td>
<td>5.5% - 6.6%</td>
</tr>
<tr>
<td>Serious Psychological Distress</td>
<td>13.3% - 34.8%</td>
<td>12.5% - 14.2%</td>
</tr>
<tr>
<td>Substance Use Disorder</td>
<td>8% - 21.1%</td>
<td>13.7% - 15.6%</td>
</tr>
</tbody>
</table>

CI = Confidence Interval

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

Uninsured Adults Ages 18-64 with Incomes < 139% of the Federal Poverty Level (Vermont: 12,592)

- **Serious Mental Illness**
  - VT CI: 8.5% - 27.8%
  - U.S. CI: 6.3% - 7.7%
  - Vermont: 15.9%

- **Serious Psychological Distress**
  - VT CI: 14.4% - 35.4%
  - U.S. CI: 14% - 15.9%
  - Vermont: 23.3%

- **Substance Use Disorder**
  - VT CI: 10% - 28.6%
  - U.S. CI: 13.2% - 15.2%
  - Vermont: 17.4%

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).
Most common characteristics of persons with SMI in Medicaid expansion population in Vermont are:

- Non-Hispanic White
- High School 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
Most common characteristics of persons with SUD in Medicaid expansion population in Vermont are:

- Male
- Non-Hispanic White
- High School Graduate

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

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>National</th>
<th>Vermont</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>75%</td>
<td>78%</td>
</tr>
<tr>
<td>Age 18-34</td>
<td>63%</td>
<td>55%</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>51%</td>
<td>97%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>20%</td>
<td>1%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
<td>2%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>25%</td>
<td>1%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; High School</td>
<td>37%</td>
<td>20%</td>
</tr>
<tr>
<td>High School Graduate</td>
<td>32%</td>
<td>41%</td>
</tr>
<tr>
<td>College</td>
<td>31%</td>
<td>38%</td>
</tr>
</tbody>
</table>

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**

Most common characteristics of persons with SMI in exchange population in Vermont are:

- Non-Hispanic White
- High School Graduate

<table>
<thead>
<tr>
<th></th>
<th>National</th>
<th>Vermont</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Female</strong></td>
<td>60%</td>
<td>51%</td>
</tr>
<tr>
<td><strong>Age 18-34</strong></td>
<td>57%</td>
<td>57%</td>
</tr>
<tr>
<td><strong>Race/Ethnicity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>68%</td>
<td>98%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>10%</td>
<td>0%</td>
</tr>
<tr>
<td>Other</td>
<td>5%</td>
<td>2%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>17%</td>
<td>1%</td>
</tr>
<tr>
<td><strong>Education</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; High School</td>
<td>18%</td>
<td>7%</td>
</tr>
<tr>
<td>High School Graduate</td>
<td>38%</td>
<td>52%</td>
</tr>
<tr>
<td>College</td>
<td>44%</td>
<td>41%</td>
</tr>
</tbody>
</table>

*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 Vermont are:

- Male
- 18-34 years old
- Non-Hispanic White
- High School 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