Enrollment under the Medicaid Expansion and Health Insurance Exchanges

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

<table>
<thead>
<tr>
<th>Population Type</th>
<th>Iowa Prevalence (%)</th>
<th>National Prevalence (%)</th>
<th>CI of Iowa</th>
<th>CI of National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population</td>
<td>11.7%</td>
<td>10.8% - 12.7%</td>
<td>13.2% - 30.3%</td>
<td>10.8% - 12.7%</td>
</tr>
<tr>
<td>Medicaid Expansion Population</td>
<td>7.0%</td>
<td>6.3% - 7.7%</td>
<td>5.2% - 22.7%</td>
<td>5.5% - 6.6%</td>
</tr>
<tr>
<td>Health Insurance Exchange</td>
<td>6.0%</td>
<td>5.5% - 6.6%</td>
<td>2.5% - 10.4%</td>
<td>2.5% - 10.4%</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: Iowa, US

<table>
<thead>
<tr>
<th>Population</th>
<th>Prevalence Rate</th>
<th>CI</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population (Iowa: 165,058)</td>
<td>22.1% - 34.0%</td>
<td></td>
<td>2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)</td>
</tr>
<tr>
<td>Medicaid Expansion Population (Iowa: 120,411)</td>
<td>14.9% - 21.0%</td>
<td></td>
<td>2008 – 2010 National Survey on Drug Use and Health (Revised March 2012)</td>
</tr>
<tr>
<td>Health Insurance Exchange Population (Iowa: 122,334)</td>
<td>13.3% - 11.3%</td>
<td></td>
<td>2010 American Community Survey</td>
</tr>
</tbody>
</table>

CI = Confidence Interval
Prevalence of Substance Use Disorders Among Adults Ages 18 – 64 by Current Medicaid Status and Eligibility for Medicaid Expansion or Health Insurance Exchanges: Iowa, US

<table>
<thead>
<tr>
<th>Population Type</th>
<th>Prevalence Rate Iowa</th>
<th>National CI</th>
<th>CI:</th>
<th>95% CI of Iowa Prevalence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population (Iowa: 165,058)</td>
<td>11.9%</td>
<td>12.4% - 13.3%</td>
<td>6.1% - 21.7%</td>
<td></td>
</tr>
<tr>
<td>Medicaid Expansion Population (Iowa: 120,411)</td>
<td>16.5%</td>
<td>14.2% - 18%</td>
<td>10.7% - 24.4%</td>
<td></td>
</tr>
<tr>
<td>Health Insurance Exchange Population (Iowa: 122,334)</td>
<td>13.5%</td>
<td>14.6% - 20.8%</td>
<td>7.5% - 23%</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
Prevalence of Behavioral Conditions Among Health Insurance Exchange Population: Iowa, US

Uninsured Adults Ages 18 - 64 with Incomes Between 133-399% of the Federal Poverty Level (Iowa: 122,334)

- **Serious Mental Illness**
  - CI: 2.5% - 10.4%
  - U.S. CI: 5.5% - 6.6%

- **Serious Psychological Distress**
  - CI: 6.7% - 18.4%
  - U.S. CI: 12.5% - 14.2%

- **Substance Use Disorder**
  - CI: 7.5% - 23%
  - U.S. CI: 13.7% - 15.6%

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 (Iowa: 120,411)

- **Serious Mental Illness**
  - IA CI: 5.2% - 22.7%
  - U.S. CI: 6.3% - 7.7%
- **Serious Psychological Distress**
  - IA CI: 12.8% - 32.4%
  - U.S. CI: 14% - 15.9%
- **Substance Use Disorder**
  - IA CI: 10.7% - 24.4%
  - 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)
Most common characteristics of persons with SMI in Medicaid expansion population in Iowa are:

- Female
- Non-Hispanic White
- 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></th>
<th>National</th>
<th>Iowa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>75%</td>
<td>75%</td>
</tr>
<tr>
<td>Age 18-34</td>
<td>63%</td>
<td>66%</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>51%</td>
<td>78%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>20%</td>
<td>8%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
<td>2%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>25%</td>
<td>12%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; High School</td>
<td>37%</td>
<td>31%</td>
</tr>
<tr>
<td>High School Graduate</td>
<td>32%</td>
<td>31%</td>
</tr>
<tr>
<td>College</td>
<td>31%</td>
<td>38%</td>
</tr>
</tbody>
</table>

Most common characteristics of persons with SUD in Medicaid expansion population in Iowa are:

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

* 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 SMI in exchange population in Iowa are:

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