Enrollment under the Medicaid Expansion and Health Insurance Exchanges

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

<table>
<thead>
<tr>
<th>Population</th>
<th>Mississippi CI (MS)</th>
<th>National CI (U.S.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population</td>
<td>4.1% - 10.3%</td>
<td>10.8% - 12.7%</td>
</tr>
<tr>
<td>Medicaid Expansion Population</td>
<td>4.1% - 14.2%</td>
<td>6.3% - 7.7%</td>
</tr>
<tr>
<td>Health Insurance Exchange</td>
<td>5.4% - 16.8%</td>
<td>5.5% - 6.6%</td>
</tr>
</tbody>
</table>

Prevalence Rate

Current Medicaid Population (Mississippi: 193,864)
Medicaid Expansion Population (Mississippi: 261,186)
Health Insurance Exchange Population (Mississippi: 202,032)

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: Mississippi, US

<table>
<thead>
<tr>
<th>Population Description</th>
<th>National Prevalence</th>
<th>Mississippi Prevalence</th>
<th>CI Mississippi</th>
<th>CI National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population (Mississippi: 193,864)</td>
<td>22.1%</td>
<td>18.5%</td>
<td>13.7% - 24.5%</td>
<td>21% - 23.2%</td>
</tr>
<tr>
<td>Medicaid Expansion Population (Mississippi: 261,186)</td>
<td>14.9%</td>
<td>16.2%</td>
<td>11.6% - 22.1%</td>
<td>14% - 15.9%</td>
</tr>
<tr>
<td>Health Insurance Exchange Population (Mississippi: 202,032)</td>
<td>13.3%</td>
<td>16.6%</td>
<td>10.8% - 24.6%</td>
<td>12.5% - 14.2%</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: Mississippi, US

<table>
<thead>
<tr>
<th>Population Type</th>
<th>Current Population (Mississippi: 193,864)</th>
<th>MS CI</th>
<th>U.S. CI:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population</td>
<td>12.4%</td>
<td>3.7% - 12.6%</td>
<td>12.5% - 14.2%</td>
</tr>
<tr>
<td>Medicaid Expansion Population</td>
<td>14.2%</td>
<td>6.6% - 15.3%</td>
<td>13.2% - 15.2%</td>
</tr>
<tr>
<td>Health Insurance Exchange Population</td>
<td>14.6%</td>
<td>6.8% - 19.6%</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
Prevalence of Behavioral Conditions Among Health Insurance Exchange Population: Mississippi, US

Uninsured Adults Ages 18 - 64 with Incomes Between 133-399% of the Federal Poverty Level (Mississippi: 202,032)

- **Serious Mental Illness**
  - MS CI: 5.4% - 16.8%
  - U.S. CI: 5.5% - 6.6%
  - National CI: 5.5% - 6.6%

- **Serious Psychological Distress**
  - MS CI: 10.8% - 24.6%
  - U.S. CI: 12.5% - 14.2%

- **Substance Use Disorder**
  - MS CI: 6.8% - 19.6%
  - 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 (Mississippi: 261,186)

- **Serious Mental Illness**
  - MS CI: 4.1% - 14.2%
  - U.S. CI: 6.3% - 7.7%
- **Serious Psychological Distress**
  - MS CI: 11.6% - 22.1%
  - U.S. CI: 14% - 15.9%
- **Substance Use Disorder**
  - MS CI: 6.6% - 15.3%
  - 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 Mississippi are:

- Female
- Non-Hispanic White or Black

* 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*

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

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

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>National</th>
<th>Mississippi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>75%</td>
<td>74%</td>
</tr>
<tr>
<td>Age 18-34</td>
<td>63%</td>
<td>64%</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>51%</td>
<td>44%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>20%</td>
<td>52%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
<td>1%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>25%</td>
<td>4%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; High School</td>
<td>37%</td>
<td>35%</td>
</tr>
<tr>
<td>High School Graduate</td>
<td>32%</td>
<td>34%</td>
</tr>
<tr>
<td>College</td>
<td>31%</td>
<td>31%</td>
</tr>
</tbody>
</table>

* 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*

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

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

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>National</th>
<th>Mississippi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>60%</td>
<td>61%</td>
</tr>
<tr>
<td>Age 18-34</td>
<td>57%</td>
<td>57%</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>68%</td>
<td>67%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>10%</td>
<td>28%</td>
</tr>
<tr>
<td>Other</td>
<td>5%</td>
<td>2%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>17%</td>
<td>3%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; High School</td>
<td>18%</td>
<td>18%</td>
</tr>
<tr>
<td>High School Graduate</td>
<td>38%</td>
<td>38%</td>
</tr>
<tr>
<td>College</td>
<td>44%</td>
<td>44%</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 Mississippi are:

- Male
- 18-34 years old
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* 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