Enrollment under the Medicaid Expansion and Health Insurance Exchanges

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

- **Current Medicaid Population** (Kentucky: 248,933)
  - KY CI: 10.5% - 27.5%
  - U.S. CI: 10.8% - 12.7%

- **Medicaid Expansion Population** (Kentucky: 323,038)
  - KY CI: 6% - 16.2%
  - U.S. CI: 6.3% - 7.7%

- **Health Insurance Exchange Population** (Kentucky: 259,580)
  - KY CI: 3.5% - 14%
  - U.S. CI: 5.5% - 6.6%

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: Kentucky, US

<table>
<thead>
<tr>
<th>Population</th>
<th>Prevalence Rate</th>
<th>Confidence Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population (Kentucky: 248,933)</td>
<td>22.1%</td>
<td>17.8% - 41.4%</td>
</tr>
<tr>
<td>Kentucky CI: 17.8% - 41.4%</td>
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<tr>
<td>U.S. CI: 21% - 23.2%</td>
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<tr>
<td>Medicaid Expansion Population (Kentucky: 323,038)</td>
<td>28.1%</td>
<td>14.3% - 27.3%</td>
</tr>
<tr>
<td>Kentucky CI: 14.3% - 27.3%</td>
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<td></td>
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<tr>
<td>U.S. CI: 14% - 15.9%</td>
<td></td>
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</tr>
<tr>
<td>Health Insurance Exchange Population (Kentucky: 259,580)</td>
<td>14.9%</td>
<td>7.4% - 20.9%</td>
</tr>
<tr>
<td>Kentucky CI: 13.3% - 12.7%</td>
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</tr>
<tr>
<td>U.S. CI: 12.5% - 14.2%</td>
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<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

SAMHSA
Prevalence of Substance Use Disorders Among Adults Ages 18 – 64 by Current Medicaid Status and Eligibility for Medicaid Expansion or Health Insurance Exchanges: Kentucky, US

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: Kentucky, US

Uninsured Adults Ages 18 - 64 with Incomes Between 133-399% of the Federal Poverty Level (Kentucky: 259,580)

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 (Kentucky: 323,038)

- **Serious Mental Illness**
  - KY CI: 6% - 16.2%
  - U.S. CI: 6.3% - 7.7%
  - Prevalence Rate: 7.0% - 10.0%

- **Serious Psychological Distress**
  - KY CI: 14.3% - 27.3%
  - U.S. CI: 14% - 15.9%
  - Prevalence Rate: 14.9% - 20.0%

- **Substance Use Disorder**
  - KY CI: 8.5% - 22.5%
  - U.S. CI: 13.2% - 15.2%
  - Prevalence Rate: 14.2% - 14.2%

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></th>
<th>National</th>
<th>Kentucky</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Female</strong></td>
<td>61%</td>
<td>61%</td>
</tr>
<tr>
<td><strong>Age 18-34</strong></td>
<td>53%</td>
<td>52%</td>
</tr>
<tr>
<td><strong>Race/Ethnicity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>66%</td>
<td>89%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>13%</td>
<td>7%</td>
</tr>
<tr>
<td>Other</td>
<td>5%</td>
<td>2%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>16%</td>
<td>3%</td>
</tr>
<tr>
<td><strong>Education</strong></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>44%</td>
</tr>
<tr>
<td>College</td>
<td>37%</td>
<td>34%</td>
</tr>
</tbody>
</table>

Most common characteristics of persons with SMI in Medicaid expansion population in Kentucky are:

- Female
- 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
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 Kentucky are:

- Male
- 18-34 years old
- 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
Most common characteristics of persons with SMI in exchange population in Kentucky are:

- Female
- 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
Characteristics of 18-64 Year-Olds with a Substance Use Disorder (SUD) Projected in Health Insurance Exchange*

Most common characteristics of persons with SUD in exchange population in Kentucky are:

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