Enrollment under the Medicaid Expansion and Health Insurance Exchanges

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Prevalence Rate</th>
<th>Pennsylvania CI</th>
<th>National CI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population</td>
<td>11.7%</td>
<td>12.6% - 20.4%</td>
<td>10.8% - 12.7%</td>
</tr>
<tr>
<td>Medicaid Expansion Population</td>
<td>7.0%</td>
<td>4.1% - 9.7%</td>
<td>6.3% - 7.7%</td>
</tr>
<tr>
<td>Health Insurance Exchange Population</td>
<td>6.0%</td>
<td>2.5% - 6.9%</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: Pennsylvania, US

- Current Medicaid Population (Pennsylvania: 765,626)
  - CI: 23.8% - 33.9%
  - U.S. CI: 21% - 23.2%

- Medicaid Expansion Population (Pennsylvania: 482,704)
  - CI: 10.4% - 19.2%
  - U.S. CI: 14% - 15.9%

- Health Insurance Exchange Population (Pennsylvania: 559,571)
  - CI: 10% - 18.4%
  - 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: Pennsylvania, US

<table>
<thead>
<tr>
<th>Category</th>
<th>National</th>
<th>Pennsylvania</th>
<th>CI (Pa)</th>
<th>CI (U.S.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Medicaid Population</td>
<td>12.4%</td>
<td>13.8%</td>
<td>9.9% - 18.8%</td>
<td>11.5% - 13.3%</td>
</tr>
<tr>
<td>Medicaid Expansion Population</td>
<td>14.2%</td>
<td>16.7%</td>
<td>11.9% - 23.1%</td>
<td>13.2% - 15.2%</td>
</tr>
<tr>
<td>Health Insurance Exchange</td>
<td>14.6%</td>
<td>17.1%</td>
<td>13.2% - 21.8%</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 Between 133- 399% of the Federal Poverty Level (Pennsylvania: 559,571)

- **Serious Mental Illness**
  - Pennsylvania CI: 2.5% - 6.9%
  - U.S. CI: 5.5% - 6.6%

- **Serious Psychological Distress**
  - Pennsylvania CI: 10% - 18.4%
  - U.S. CI: 12.5% - 14.2%

- **Substance Use Disorder**
  - Pennsylvania CI: 13.2% - 21.8%
  - U.S. CI: 13.7% - 15.6%

Prevalence Rate

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 (Pennsylvania: 482,704)

- **Serious Mental Illness**
  - PA CI: 4.1% - 9.7%
  - U.S. CI: 6.3% - 7.7%
  - Prevalence Rate: 7.0% - 6.4%

- **Serious Psychological Distress**
  - PA CI: 10.4% - 19.2%
  - U.S. CI: 14% - 15.9%
  - Prevalence Rate: 14.9% - 14.2%

- **Substance Use Disorder**
  - PA CI: 11.9% - 23.1%
  - U.S. CI: 13.2% - 15.2%
  - Prevalence Rate: 14.2% - 16.7%

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>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>61%</td>
<td>57%</td>
</tr>
<tr>
<td>Age 18-34</td>
<td>53%</td>
<td>51%</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>66%</td>
<td>78%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>13%</td>
<td>14%</td>
</tr>
<tr>
<td>Other</td>
<td>5%</td>
<td>3%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>16%</td>
<td>5%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; High School</td>
<td>26%</td>
<td>19%</td>
</tr>
<tr>
<td>High School Graduate</td>
<td>38%</td>
<td>46%</td>
</tr>
<tr>
<td>College</td>
<td>37%</td>
<td>36%</td>
</tr>
</tbody>
</table>

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

- Male
- 18-34 years old
- Non-Hispanic White or Black
- 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 Serious Mental Illness (SMI) Projected in Health Insurance Exchange*

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

- Female
- Non-Hispanic White
- High School Graduate

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

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<thead>
<tr>
<th></th>
<th>National</th>
<th>Pennsylvania</th>
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</thead>
<tbody>
<tr>
<td>Female</td>
<td>60%</td>
<td>61%</td>
</tr>
<tr>
<td>Age 18-34</td>
<td>57%</td>
<td>58%</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>68%</td>
<td>84%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>10%</td>
<td>8%</td>
</tr>
<tr>
<td>Other</td>
<td>5%</td>
<td>3%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>17%</td>
<td>5%</td>
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</tr>
<tr>
<td>High School Graduate</td>
<td>38%</td>
<td>46%</td>
</tr>
<tr>
<td>College</td>
<td>44%</td>
<td>42%</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 Substance Use Disorder (SUD) Projected in Health Insurance Exchange*

Most common characteristics of persons with SUD in exchange population in Pennsylvania 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