Fiscal Year 2021

Behavioral Health Outcomes for Publicly Funded Services
The South Dakota Department of Social Services

is dedicated to strengthening and supporting individuals and families by promoting cost effective and comprehensive services in connection with our partners that foster independent and healthy families.

Our Vision and Mission

Strong families – South Dakota’s foundation and our future
About DBH

The Division of Behavioral Health (DBH) supports a comprehensive array of publicly funded behavioral health treatment services.

Publicly Funded Behavioral Health Treatment Services

- Outpatient mental health services
- Outpatient and inpatient substance use disorder treatment services
- Prevention services
Data Collection Methodology

Data Collection Process

Stakeholder Survey
- Collected annually for each accredited provider
  - Mental health and substance use disorder agencies
  - DBH also surveys the Department of Corrections (DOC), Unified Judicial System (UJS), and Child Protection Services (CPS)

Mental Health Services
- Contracted agencies collect mental health outcome data at:
  - admission
  - every six months
  - successful discharge from services

Substance Use Disorder Services
- Contracted agencies collect substance use disorder outcome data at admission and successful discharge from service(s)

Targeted Services for Justice-Involved Clients
- Additional outcome questionnaires for targeted services for justice-involved clients:
  - The Texas Christian University Criminal Thinking Scales (TCU)
  - How I think Questionnaire (HIT)
  - Aggression Questionnaire (AQ)
Stakeholder Survey Results
The Division of Behavioral Health (DBH) collects Stakeholder Survey data once a year for all accredited mental health and substance use disorder agencies.

Community Needs

- **88%**
  - Behavioral health agencies are responsive to the needs within the community

Location Convenience

- **88%**
  - Location of behavioral health services is convenient for clients

Eighty-eight percent of behavioral health stakeholders reported publicly funded behavioral health agencies are responsive to the needs within the community.

Eighty-eight percent of stakeholders reported the location of behavioral health services is convenient for clients.
Stakeholder Survey Results

The Division of Behavioral Health (DBH) collects Stakeholder Survey data once a year for all accredited mental health and substance use disorder agencies.

Quality of Service

Eighty-seven percent of stakeholders reported publicly funded behavioral health agencies provide quality services.

Client Support

Ninety-one percent of stakeholders reported publicly funded behavioral health agencies support the needs of their clients.
Stakeholder Survey Results

The Division of Behavioral Health (DBH) collects Stakeholder Survey data once a year for all accredited mental health and substance use disorder agencies.

Positive Outcomes

- **81%**
  - Clients receiving services have positive outcomes

Group Times

- **80%**
  - Services are available at convenient times

Eighty-one percent of behavioral health stakeholders reported that clients have positive outcomes as a result of services received. Eighty percent of stakeholders reported that behavioral health services are available at times that are convenient for clients.
Stakeholder Survey Results

The Division of Behavioral Health (DBH) collects Stakeholder Survey data once a year for all accredited mental health and substance use disorder agencies.

Staff Training

84% Staff are well trained

Eighty-four percent of stakeholders reported behavioral health agency staff are well trained

Staff Competency

87% Staff are competent to deliver treatment services

Eighty-seven percent of stakeholders reported behavioral health agency staff are competent to deliver treatment services
Adult Substance Use Disorder Services
Adult Substance Use Disorder Services

Discharge Rates and General Satisfaction

<table>
<thead>
<tr>
<th>Discharge Reasons</th>
<th>State Average</th>
<th>National Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment Completed</td>
<td>75%</td>
<td>30%</td>
</tr>
<tr>
<td>Left Against Professional Advice</td>
<td>13%</td>
<td>40%</td>
</tr>
<tr>
<td>Terminated by Facility</td>
<td>3%</td>
<td>4%</td>
</tr>
</tbody>
</table>

• **Clients discharged from treatment.** Seventy-five percent of clients completed treatment, exceeding the national average of 30%. Thirteen percent of clients left against professional advice, and 3% of clients were terminated by the facility.

• **Overall satisfaction with treatment services received.** Ninety-four percent of clients served reported general satisfaction with services.
# Substance Use Disorder Diagnosis Updates – Adult

## Trends

<table>
<thead>
<tr>
<th>State Primary SUD Diagnosis</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Alcohol Use Disorder</td>
<td>3,389</td>
<td>3,137</td>
<td>3,234</td>
<td>4,232</td>
<td>3,654</td>
</tr>
<tr>
<td></td>
<td>50%</td>
<td>51%</td>
<td>56%</td>
<td>59%</td>
<td>58%</td>
</tr>
<tr>
<td>Primary Cannabis Use Disorder</td>
<td>559</td>
<td>743</td>
<td>577</td>
<td>604</td>
<td>508</td>
</tr>
<tr>
<td></td>
<td>8%</td>
<td>12%</td>
<td>10%</td>
<td>8%</td>
<td>8%</td>
</tr>
<tr>
<td>Primary Amphetamine Use Disorder</td>
<td>1,175</td>
<td>1,227</td>
<td>1,420</td>
<td>1,921</td>
<td>1,898</td>
</tr>
<tr>
<td></td>
<td>17%</td>
<td>20%</td>
<td>25%</td>
<td>27%</td>
<td>30%</td>
</tr>
<tr>
<td>Primary Opioid Use Disorder</td>
<td>253</td>
<td>209</td>
<td>225</td>
<td>276</td>
<td>210</td>
</tr>
<tr>
<td></td>
<td>4%</td>
<td>3%</td>
<td>4%</td>
<td>4%</td>
<td>3%</td>
</tr>
<tr>
<td>Primary Other Substance Use Disorder</td>
<td>132</td>
<td>221</td>
<td>234</td>
<td>248</td>
<td>93</td>
</tr>
<tr>
<td></td>
<td>2%</td>
<td>4%</td>
<td>4%</td>
<td>3%</td>
<td>1%</td>
</tr>
</tbody>
</table>

- Amphetamine Use Disorder continues to increase over time (17% to 30%).
- Alcohol Use Disorder increases over time (50% to 58%).
Adult Substance Use Disorder Services

Ability to Control Substance Use and Motivation to Not Use Substances

• **Client-reported ability.** Ninety-eight percent of clients served reported the ability to control their substance use at discharge, compared to 39% at admission.

![Chart showing increase in ability to control substance use from 39% at admission to 98% at discharge.]

• **Client-reported motivation.** Eighty-nine percent of clients served reported motivation to not use substances at discharge, compared to 63% at admission.

![Chart showing increase in motivation to not use substances from 63% at admission to 89% at discharge.]

Strong families – South Dakota’s foundation and our future
Adult Substance Use Disorder Services

Employment

Clients who reported employment.

Twenty-six percent of clients served reported employment at discharge, which exceeds the national average of 18%.
• **History of Arrests.** At discharge, 7% of clients served reported an arrest within the last 30 days, compared to 11% at admission, which are below the national averages.

• **Clients who reported nights in a correctional facility.** At discharge, 7% percent of clients served reported at least one night spent in a correctional facility within the last 30 days, compared to 36% at admission.
Youth Substance Use Disorder Services
Youth Substance Use Disorder Services

Return Rates and Discharge Rates

- **Clients discharged from treatment.** Sixty-five percent of youth clients completed treatment. Sixteen percent of youth clients left against professional advice, and 8% of youth clients were terminated by the facility.

<table>
<thead>
<tr>
<th>Discharge Reasons</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment Completed</td>
<td>65%</td>
</tr>
<tr>
<td>Left Against Professional Advice</td>
<td>16%</td>
</tr>
<tr>
<td>Terminated by Facility</td>
<td>8%</td>
</tr>
</tbody>
</table>
Overall satisfaction with treatment services received.

Ninety-two percent of youth clients served and 90% of parents/guardians reported general satisfaction with services.
### Substance Use Disorder Diagnosis Updates – Youth

#### Trends

<table>
<thead>
<tr>
<th>State Primary SUD Diagnosis</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Alcohol Use Disorder</td>
<td>131</td>
<td>200</td>
<td>121</td>
<td>152</td>
<td>110</td>
</tr>
<tr>
<td></td>
<td>26%</td>
<td>36%</td>
<td>29%</td>
<td>33%</td>
<td>28%</td>
</tr>
<tr>
<td>Primary Cannabis Use Disorder</td>
<td>315</td>
<td>319</td>
<td>262</td>
<td>271</td>
<td>203</td>
</tr>
<tr>
<td></td>
<td>63%</td>
<td>58%</td>
<td>63%</td>
<td>59%</td>
<td>52%</td>
</tr>
<tr>
<td>Primary Amphetamine Use Disorder</td>
<td>30</td>
<td>19</td>
<td>19</td>
<td>35</td>
<td>51</td>
</tr>
<tr>
<td></td>
<td>6%</td>
<td>3%</td>
<td>5%</td>
<td>8%</td>
<td>13%</td>
</tr>
<tr>
<td>Primary Opioid Use Disorder</td>
<td>3</td>
<td>7</td>
<td>6</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
<td>0.2%</td>
<td>0%</td>
</tr>
<tr>
<td>Primary Other Substance Use Disorder</td>
<td>12</td>
<td>11</td>
<td>11</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>2%</td>
<td>2%</td>
<td>3%</td>
<td>2%</td>
<td>3%</td>
</tr>
</tbody>
</table>

- Cannabis Use Disorder decreases over time (63% to 52%).
- Amphetamine Use Disorder increases over time (6% to 13%).
Youth Substance Use Disorder Services

Ability to Control Substance Use

Client-reported ability.

Ninety-three percent of youth clients reported the ability to control their substance use at discharge, compared to 34% at admission. Ninety-one percent of parents/guardians reported their youth’s ability to control substance use at discharge, compared to 17% at admission.
Youth Substance Use Disorder Services

Motivation to Not Use Substances

Client-reported motivation.

Seventy percent of youth clients reported motivation to not use substances at discharge, compared to 52% at admission. Fifty-one percent of parents/guardians reported their youth’s motivation to not use substances at discharge, compared to 32% at admission.
• Clients who reported getting in trouble due to substance use. Fifty percent of youth clients served reported getting in trouble due to substance use at admission, compared to 14% at discharge.

• Clients who reported missing school/work due to their substance use. Thirty percent of youth clients served reported missing school or work due to substance use at admission, compared to 11% at discharge.
Adult Mental Health Services
Adult Mental Health Services

General Satisfaction

Overall satisfaction with treatment services received.

Ninety-seven percent of clients served reported general satisfaction with services, exceeding the national average of 90%.
## Mental Health Diagnosis Updates – Adults

### Trends

<table>
<thead>
<tr>
<th>State Primary MH Disorders</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depressive Disorders</td>
<td>3,284</td>
<td>3,671</td>
<td>3,651</td>
<td>3,512</td>
<td>3,379</td>
</tr>
<tr>
<td></td>
<td>38%</td>
<td>40%</td>
<td>38%</td>
<td>37%</td>
<td>36%</td>
</tr>
<tr>
<td>Other Disorders</td>
<td>751</td>
<td>800</td>
<td>810</td>
<td>732</td>
<td>713</td>
</tr>
<tr>
<td>(including Personality Disorders, etc.)</td>
<td>9%</td>
<td>9%</td>
<td>8%</td>
<td>8%</td>
<td>8%</td>
</tr>
<tr>
<td>Anxiety, Stress and Trauma Disorders</td>
<td>2,293</td>
<td>2,263</td>
<td>2,728</td>
<td>2,793</td>
<td>2,864</td>
</tr>
<tr>
<td>(includes Post Traumatic Stress Disorder)</td>
<td>26%</td>
<td>25%</td>
<td>28%</td>
<td>30%</td>
<td>31%</td>
</tr>
<tr>
<td>Schizophrenia Spectrum Disorder</td>
<td>1,371</td>
<td>1,408</td>
<td>1,389</td>
<td>1,342</td>
<td>1,345</td>
</tr>
<tr>
<td>(includes Schizoaffective Disorder)</td>
<td>16%</td>
<td>15%</td>
<td>14%</td>
<td>14%</td>
<td>14%</td>
</tr>
<tr>
<td>Bipolar Disorders</td>
<td>1,003</td>
<td>1,038</td>
<td>1,070</td>
<td>1,036</td>
<td>1,029</td>
</tr>
<tr>
<td></td>
<td>12%</td>
<td>11%</td>
<td>11%</td>
<td>11%</td>
<td>11%</td>
</tr>
</tbody>
</table>

- Anxiety, stress, and trauma disorders increasing over time (26% to 31%).
Client perception of their mental health and social well-being.

Seventy-one percent of clients served reported an increase in their mental health and social well-being at six months after admission, compared to 53% at admission. The national average is 80%.
**Emergency Room Visits**

- **Clients who visited an ER for a psychiatric or emotional problem.** Prior to services, 24% of clients served reported visiting the ER for a psychiatric or emotional problem, compared to 12% six months after the start of services.

**Hospital Admissions**

- **Clients who reported a hospital admission for mental health.** Clients served who reported a hospital admission for mental health declined from 23% at admission to 12% six months after the start of services.
Clients who reported suicide attempt(s).

Seventeen percent of clients reported suicide attempt(s) at admission, compared to 8% at six months after the start of services.
Adult Mental Health Services

Employment

34%

Clients who reported employment.

Thirty-four percent of clients served reported employment at the most recent update, exceeding the national average of 24%.
Youth Mental Health Services
Youth Mental Health Services

General Satisfaction

Overall satisfaction with treatment services received.

Ninety-one percent of youth clients served and 96% of parents/guardians reported general satisfaction with services received, exceeding the national average of 89%.
### Mental Health Diagnosis Updates – Youth

<table>
<thead>
<tr>
<th>State MH Primary Disorders</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
<th>FY21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depressive Disorders</td>
<td>617</td>
<td>791</td>
<td>831</td>
<td>784</td>
<td>765</td>
</tr>
<tr>
<td></td>
<td>11%</td>
<td>12%</td>
<td>13%</td>
<td>12%</td>
<td>13%</td>
</tr>
<tr>
<td>Other Disorders</td>
<td>32</td>
<td>34</td>
<td>30</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>(including Personality Disorder, etc.)</td>
<td>1%</td>
<td>1%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Anxiety, Trauma, and Stress Disorders</td>
<td>3,156</td>
<td>3,655</td>
<td>3,822</td>
<td>3,935</td>
<td>3,881</td>
</tr>
<tr>
<td>(includes Post-Traumatic Stress Disorder)</td>
<td>57%</td>
<td>57%</td>
<td>59%</td>
<td>62%</td>
<td>64%</td>
</tr>
<tr>
<td>Schizophrenia Spectrum Disorder</td>
<td>14</td>
<td>16</td>
<td>18</td>
<td>13</td>
<td>18</td>
</tr>
<tr>
<td>(includes Schizoaffective)</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Bipolar Disorders</td>
<td>25</td>
<td>21</td>
<td>17</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>0.5%</td>
<td>0.3%</td>
<td>0.3%</td>
<td>0.3%</td>
<td>0.3%</td>
</tr>
<tr>
<td>ADHD Disorders</td>
<td>950</td>
<td>999</td>
<td>964</td>
<td>918</td>
<td>808</td>
</tr>
<tr>
<td></td>
<td>17%</td>
<td>16%</td>
<td>15%</td>
<td>14%</td>
<td>13%</td>
</tr>
<tr>
<td>Conduct and Impulse-Control Disorders</td>
<td>598</td>
<td>685</td>
<td>652</td>
<td>569</td>
<td>467</td>
</tr>
<tr>
<td>(includes OCD)</td>
<td>11%</td>
<td>11%</td>
<td>10%</td>
<td>9%</td>
<td>8%</td>
</tr>
<tr>
<td>Developmental Disorders</td>
<td>159</td>
<td>166</td>
<td>136</td>
<td>93</td>
<td>72</td>
</tr>
<tr>
<td>(includes Asperger’s Syndrome Disorders)</td>
<td>3%</td>
<td>3%</td>
<td>2%</td>
<td>1%</td>
<td>1%</td>
</tr>
</tbody>
</table>

- Anxiety, stress, and trauma disorders increasing over time (57% to 64%).
- ADHD disorders decreasing over time (17% to 13%).
- Conduct and impulse-control disorders decreasing over time (11% to 8%).
- Developmental disorders decreasing over time (3% to 1%).
Client perception of their mental health and social well-being.

Seventy percent of youth clients served and 73% of parents/guardians reported satisfaction with the youth’s mental health and social well-being at the most recent update, compared to 60% and 64% at admission. The national average is 75%.
Youth clients who visited an ER for a psychiatric or emotional problem. Youth clients served reported a reduction in emergency room visits from 15% prior to starting services to 8% six months after starting services.

Clients who reported a hospital admission for mental health. Youth clients serviced who reported a mental health admission for mental health reduced from 13% at admission to 6% six months after the start of services. Parents/guardians of youth served reported a decrease in hospital admissions for mental health for their youth from 8% at admission to 4% six months after the start of services.
Youth Mental Health Services

Reduction of Suicide Attempts

Youth and parents/guardians who reported suicide attempt(s).

Youth clients served reported a reduction of suicide attempts from 20% at admission, compared to 11% six months after the start of services. Parents/guardians of youth clients served reported a reduction of suicide attempts by their youth from 7% at admission, compared to 3% six months after the start of services.
Systems of Care Services
Systems of Care Services

Families Served

Numbers of families served in SOC.

In FY21, 600 families were served in SOC services, including families served through a Project Aware grant, with over 1,400 youth benefiting from those services.
Number of SOC Care Coordinators.
In FY21, there were 44 SOC Care Coordinators, including Project Aware, serving families in 33 counties across the state.
Outcomes for families served in SOC.
Families reported improved outcomes in all areas measured, including basic needs and emotional needs.
Intensive Methamphetamine Treatment Services
Intensive Methamphetamine Treatment (IMT) Services
Discharge Rates and General Satisfaction

- **Clients discharged from treatment.** Forty percent of clients completed treatment, which is above the national average of 30%. Thirty-five percent of clients left against professional advice, and 8% of clients were terminated by the facility.

<table>
<thead>
<tr>
<th>Discharge Reasons</th>
<th>State Average</th>
<th>National Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment Completed</td>
<td>40%</td>
<td>30%</td>
</tr>
<tr>
<td>Left Against Professional Advice</td>
<td>35%</td>
<td>40%</td>
</tr>
<tr>
<td>Terminated by Facility</td>
<td>8%</td>
<td>4%</td>
</tr>
</tbody>
</table>

- **Overall satisfaction with treatment services received.** Ninety-six percent of clients served reported general satisfaction with services.
Intensive Methamphetamine Treatment Services

Ability to Control Substance Use and Motivation to Not Use Substances

- **Client-reported ability.** Ninety-six percent of clients served reported the ability to control their substance use at discharge, compared to 31% at admission.

- **Client-reported motivation.** Eighty-seven percent of clients served reported motivation to not use substances at discharge, compared to 53% at admission.
Intensive Methamphetamine Treatment Services

Employment

Clients who reported employment.

Forty-eight percent of clients served reported employment at discharge, compared to 9% at admission, which exceeds the national average of 18%.
Pregnant Women and Women with Dependent Children Services
Pregnant Women and Women with Dependent Children Services
Discharge Rates and General Satisfaction

<table>
<thead>
<tr>
<th>Discharge Reasons</th>
<th>State Average</th>
<th>National Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment Completed</td>
<td>38%</td>
<td>30%</td>
</tr>
<tr>
<td>Left Against Professional Advice</td>
<td>48%</td>
<td>40%</td>
</tr>
<tr>
<td>Terminated by Facility</td>
<td>12%</td>
<td>4%</td>
</tr>
</tbody>
</table>

- **Clients discharged from treatment.** Thirty-eight percent of clients completed treatment, which is above the national average of 30%. Forty-eight percent of clients left against professional advice, and 12% of clients were terminated by the facility.

- **Overall satisfaction with treatment services received.** Eighty-five percent of clients served reported general satisfaction with services.
Pregnant Women and Women with Dependent Children Services

Ability to Control Substance Use and Motivation to Not Use Substances

- **Client-reported ability.** One hundred percent of clients served reported the ability to control their substance use at discharge, compared to 30% at admission.

- **Client-reported motivation.** One hundred percent of clients served reported motivation to not use substances at discharge, compared to 56% at admission.

![Percentage Point Increase](image)
Clients who reported employment. Thirty percent of clients served reported employment at discharge, compared to 3% at admission, which exceeds the national average of 18%.
Next Steps
Thank You

Zach King
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Zachary.King@state.sd.gov
dss.sd.gov/behavioralhealth/default.aspx