II. County-Level Variation

In this section we present results for each county that participated in the South Dakota Health Survey to further explore variation across the state. Individual county-level data are compared to statewide data in Appendix B, including a guide to interpreting the results. We compared the statewide metrics to each county’s individual results for the purpose of providing decision makers and stakeholders with an accurate picture of the health and health needs of their communities. Findings may be used to help improve access to care for those in the greatest need.

County-Level Maps

*Statewide Prevalence Maps:* Spatial patterns in the results reported statewide and by geographic area below can be displayed visually using maps. Maps can help display areas where high prevalence patterns for selected behaviors may occur (e.g., depression, anxiety, heavy alcohol use, adverse childhood experiences (ACEs), unmet needs). The maps provided display the prevalence for a specified measure for all participating counties. The statewide average across all participating counties is listed at the top of each map for each measure; high prevalence counties are shaded in darker colors.

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**Statewide Prevalence of Depression: PHQ-2 depression screen | Statewide Average: 6%**

![County-Level Maps](image-url)
COUNTY-LEVEL MAPS

Statewide Prevalence of Anxiety: GAD-2 anxiety screen | Statewide Average: 8%

Statewide Prevalence of PTSD: PC-PTSD screen | Statewide Average: 6%
Statewide Prevalence of Problem Drinking: AUDIT-C standard positive screening score (score of ≥4 for males, ≥3 for females) | Statewide Average: 42%

Statewide Prevalence of “Severe Alcohol Misuse”: AUDIT-C screening score of ≥6 | Statewide Average 11%
Statewide Prevalence of Any Substance Use in the Past Year (self-reported use of marijuana, methamphetamine, other illegal drugs, or non-medical use of prescription pain relievers) | Statewide Average: 8%

Statewide Prevalence of Adverse Childhood Experiences: ACE score of ≥3 | Statewide Average: 20%
Statewide Prevalence of Adverse Childhood Experiences: ACE score of ≥5 | Statewide Average: 9%

Statewide Prevalence of Unmet Medical Need (among respondents who expressed a need for care) | Statewide Average: 13%
Statewide Prevalence of Unmet Mental Health Need
(among respondents who expressed a need for care)  | Statewide Average: 36%

Statewide Prevalence of Unmet Substance Abuse Need
(among respondents who expressed a need for care)  | Statewide Average: 46%
Statewide Prevalence of Emergency Room Use Due to a Mental Health Condition (one or more visits in the past year) | Statewide Average 11%

Lack of Access to Primary Care Provider: Statewide Prevalence | Statewide Average 23%