The 2017 Utah SHARP Survey Highlights

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2017 Reports Here:
https://dsamh.utah.gov/data/sharp-student-use-reports/

Or, via interactive website:
Utah Board of Juvenile Justice Risk and Protective factor Indicator Tool (RAPIT)
http://www.bach-harrison.com/rapit
Objectives

• Provide context for SHARP/Prevention Needs Assessment Survey

• Highlight substance abuse trends through 2017

• Highlight risk and protective factor data measured by the PNA and uses for needs assessment

• Provide brief look at antisocial behavior data measured by the PNA

• Provide brief demonstration of the UBJJ Risk and Protective factor Indicator Tool (RAPIT)

• Do it all in less than 30 minutes...
Prevention Needs Assessment (PNA) Survey Instrument

- Core survey developed through a three year collaboration between six states and the Social Development Research Group at the University of Washington
- Has been used as a needs assessment tool in the United States for nearly two decades
- Has been administered in Utah biennially since 2003
- Development of the survey was funded by the federal Center for Substance Abuse Prevention
- Over one-half of states are currently doing needs assessments with the PNA survey.
- The PNA survey instrument has been well-researched and was designed over a span of many years through much research, planning, testing, time, and effort.

- Asks questions about antisocial behaviors that students or their friends may or may not have done.
-Contains questions designed to gather information about risk and protective factors within all of the domains of a child’s life – community, family, school, and peer domains.
-Contains questions related to alcohol, tobacco, marijuana, and other drug use.
-Contains questions to assist in additional prevention efforts of the DSAMH, Department of Health, and Utah State Office of Education.
Designing a Valid Survey: Stressing Confidentiality in the Survey Administration

- The confidentiality of the survey is stressed through the instructions and administration procedures.

- Participants are assured that the survey is voluntary, anonymous, and confidential.

- Checks are built into the analyses to identify dishonest participants.
2017 SHARP Participation

- Participation of 50,237 6th, 8th, 10th, and 12th grade students for the Utah PNA

- 39 of 41 school districts and 17 charter schools participated in this year's survey.

- Data available publicly at state and regional levels. County and school district data available with permission.
<table>
<thead>
<tr>
<th></th>
<th>State 2013</th>
<th></th>
<th>State 2015</th>
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<th>State 2017</th>
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<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Percent</td>
<td>Number</td>
<td>Percent</td>
<td>Number</td>
<td>Percent</td>
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<tr>
<td>Survey Respondents Total</td>
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<td>All grades</td>
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<td>48.975</td>
<td>100.0</td>
<td>50.237</td>
<td>100.0</td>
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<td>Survey Respondents by Grade</td>
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<td>29.8</td>
<td>14.373</td>
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<td>10.816</td>
<td>22.9</td>
<td>11.055</td>
<td>22.6</td>
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<td>8.358</td>
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<td>Survey Respondents by Gender</td>
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<tr>
<td>Male</td>
<td>22.760</td>
<td>48.4</td>
<td>23.552</td>
<td>48.3</td>
<td>24.167</td>
<td>48.3</td>
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<td>Female</td>
<td>24.218</td>
<td>51.6</td>
<td>25.237</td>
<td>51.7</td>
<td>25.873</td>
<td>51.7</td>
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<td>Survey Respondents by Race/Ethnicity*</td>
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<td>African American</td>
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<td>752</td>
<td>1.5</td>
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<td>1.6</td>
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<tr>
<td>American Indian</td>
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<td>897</td>
<td>1.8</td>
<td>868</td>
<td>1.7</td>
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<tr>
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<td>846</td>
<td>1.7</td>
<td>891</td>
<td>1.8</td>
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<td>Hispanic or Latino</td>
<td>7.624</td>
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<td>8.076</td>
<td>16.6</td>
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<td>Pacific Islander</td>
<td>697</td>
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<td>675</td>
<td>1.4</td>
<td>706</td>
<td>1.4</td>
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<td>White</td>
<td>33.612</td>
<td>72.4</td>
<td>35.110</td>
<td>72.2</td>
<td>35.883</td>
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<tr>
<td>Multi-racial</td>
<td>2.136</td>
<td>4.6</td>
<td>2.242</td>
<td>4.6</td>
<td>2.113</td>
<td>4.2</td>
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</table>

\* Students are instructed to select one or more Race/Ethnicity categories. To accurately represent Hispanic/Latino participation in the SHARP survey, students indicating they are of Hispanic/Latino ethnicity and just one race are reported as Hispanic/Latino. Students reporting more than one race are reported as multi-racial, regardless of Hispanic/Latino ethnicity. See appendix X for more information.
Substance Use Trends
Substances with the Highest 30 Day Youth Use Rates in Utah: Grades 6, 8, 10 and 12 Combined (2017)

Percentage of Youth Who Indicated Any Use

- E-Cigarettes: 8.6%
- Alcohol: 6.7%
- Marijuana: 6.1%
- Any Prescription Drug: 2.4%
- Cigarettes: 2.1%
- Inhalants: 1.3%
- Prescription Sedatives: 1.3%
Substance Use Highlights (Top 3)

• Alcohol:
  - Insignificant decreases in 8th/10th grade 30-day alcohol use.
  - 12th grade 30-day alcohol use increased from 13.6% to 14.7%.
    - The first significant increase this grade has seen in the 14 years the survey has existed.
  - Binge drinking trends generally flat with exception of 12th grade.

• Marijuana:
  - 8th grade marijuana use showed slight/insignificant decreases in terms of lifetime and past-month use.
  - All other grades showed increases in marijuana experimentation and past-month use.
  - 12th grade: relatively large increase in past-month use from 9.8% in 2015 to 12.3% in 2017.

• E-cigarettes:
  - Further increases, BUT growth for this substance has slowed dramatically.
    All-grade experimentation of e-cigarettes increased from 17.4% to 18.1% since 2015, and past-month use increased from 8.1% to 8.6%.
30 Day Alcohol Use by Gender:
Grades 6, 8, 10 and 12 Combined (2013-2017)

<table>
<thead>
<tr>
<th>Year</th>
<th>Female (%)</th>
<th>Male (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>7.3%</td>
<td>6.7%</td>
</tr>
<tr>
<td>2015</td>
<td>6.7%</td>
<td>6.3%</td>
</tr>
<tr>
<td>2017</td>
<td>7.0%</td>
<td>6.5%</td>
</tr>
</tbody>
</table>
Binge Drinking in the Past Two Weeks by Gender: Grades 6, 8, 10 and 12 Combined (2013-2017)
Youth 30 Day Marijuana Use Trends in Utah by Grade (2005-2017)
30 Day Marijuana Use by Gender:
Grades 6, 8, 10 and 12 Combined (2013-2017)
30-Day Marijuana Use by LSAA (2015, 2017)

- **LSAA 2015**
- **LSAA 2017**
- **State 2017**
Youth 30 Day E-Cigarette Use Trends in Utah by Grade (2011-2017)

Percent of Students Using E-Cigarettes in the Past 30 Days

- 6th Grade
- 8th Grade
- 10th Grade
- 12th Grade
- All Grades

Year: 2011
- 6th Grade: 1.1%
- 8th Grade: 0.4%
- 10th Grade: 1.2%
- 12th Grade: 1.2%
- All Grades: 1.1%

Year: 2013
- 6th Grade: 2.8%
- 8th Grade: 0.4%
- 10th Grade: 1.5%
- 12th Grade: 2.9%
- All Grades: 2.1%

Year: 2015
- 6th Grade: 4.7%
- 8th Grade: 7.0%
- 10th Grade: 8.0%
- 12th Grade: 8.1%
- All Grades: 6.0%

Year: 2017
- 6th Grade: 13.3%
- 8th Grade: 12.4%
- 10th Grade: 12.4%
- 12th Grade: 15.5%
- All Grades: 8.6%
Lifetime and 30 Day E-Cigarette Use Trends in Utah: Grades 6, 8, 10 and 12 Combined (2011-2017)
If you have used a vaping product in the past year, what did you put in it? (Mark all that apply.)

- E-juice with 0 nicotine
- E-juice with nicotine
- Marijuana
- Other
- Not sure
30 Day E-Cigarette Use by Gender: Grades 6, 8, 10 and 12 Combined (2015-2017)

- **2015**
  - Female: 7.5%
  - Male: 8.7%

- **2017**
  - Female: 8.2%
  - Male: 9.0%

Legend:
- Orange: Female
- Blue: Male
30-Day E-Cigarette Use by LSAA (2015, 2017)

- LSAA 2015
- LSAA 2017
- State 2017

Bar chart showing the 30-day E-cigarette use by LSAA and State for various districts in Utah.

Percent of Students Using Alcohol in the Past 30 Days

- Stimulants
- Sedatives
- Prescription Narcotics
- Any Rx Use

2005: 3.8%
2007: 1.7%
2009: 3.5%
2011: 1.3%
2013: 1.3%
2015: 1.3%
2017: 0.6%
Risk and Protective Factor Data
The PNA Survey is based upon the Risk and Protective Factor Model of Substance Abuse Prevention.

- There is a link between risk and protective factors and youth problem behavior. Youth high in risk or low in protection are more likely to engage in problem behaviors, including substance abuse.
- Risk and protective factors are useful for identifying community level prevention priorities.
<table>
<thead>
<tr>
<th>Risk Factors</th>
<th>Community</th>
<th>Family</th>
<th>School</th>
<th>Peer / Individual</th>
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<tbody>
<tr>
<td>Substance Abuse</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
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<tr>
<td>Delinquency</td>
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<td>☑</td>
<td>☑</td>
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<tr>
<td>Teen Pregnancy</td>
<td>☑</td>
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<tr>
<td>School Drop-Out</td>
<td>☑</td>
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<td>☑</td>
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<tr>
<td>Violence</td>
<td>☑</td>
<td>☑</td>
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<td>☑</td>
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</tbody>
</table>

Source: Community Youth Core (CYC) Implementation Guide for Community Youth Core (CYC) Coordinators and Members (Final Report, 2014)
Prevalence of 30 Day Marijuana Use By Number of Risk and Protective Factors

Six State Student Survey of 6th-12th Graders, Public School Students

Number of Risk Factors
Prevalence
0 to 1
2 to 3
4 to 5
6 to 7
8 to 9
Number of Protective Factors
Prevalence of 30 Day Marijuana Use By Number of Risk and Protective Factors
RAPIT R/P Factor Profiles Demo
Antisocial Behavior Data
Antisocial/Delinquent Behaviors

“How many times in the past year (12 months) have you:”

• been suspended from school?
• carried a handgun?
• sold illegal drugs?
• stolen or tried to steal a motor vehicle such as a car or motorcycle?
• been arrested?
• attacked someone with the idea of seriously hurting them?
• been drunk or high at school?
• taken a handgun to school?
RAPIT Antisocial Behavior Profiles
Other Notable Data
Youth Categorized as High in Need for Mental Health Treatment in Utah by Grade (2005-2017)

- 6th Grade
- 8th Grade
- 10th Grade
- 12th Grade
- All Grades

Percent of Students Categorized as High in Need

<table>
<thead>
<tr>
<th>Year</th>
<th>6th Grade</th>
<th>8th Grade</th>
<th>10th Grade</th>
<th>12th Grade</th>
<th>All Grades</th>
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<tbody>
<tr>
<td>2009</td>
<td>11.2%</td>
<td>13.1%</td>
<td>13.1%</td>
<td>11.2%</td>
<td>11.2%</td>
</tr>
<tr>
<td>2011</td>
<td>8.6%</td>
<td>11.2%</td>
<td>12.7%</td>
<td>11.2%</td>
<td>11.2%</td>
</tr>
<tr>
<td>2013</td>
<td>9.5%</td>
<td>13.0%</td>
<td>15.6%</td>
<td>13.0%</td>
<td>13.0%</td>
</tr>
<tr>
<td>2015</td>
<td>9.7%</td>
<td>15.0%</td>
<td>20.0%</td>
<td>15.0%</td>
<td>15.0%</td>
</tr>
<tr>
<td>2017</td>
<td>11.1%</td>
<td>18.0%</td>
<td>22.2%</td>
<td>22.2%</td>
<td>22.2%</td>
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</table>
Utah Past-year Suicide Ideation and Attempts

Percent of students (Scale is 25%)

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2013</th>
<th>2015</th>
<th>2017</th>
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</thead>
<tbody>
<tr>
<td>Have considered suicide in the past 12 months</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>Have made a suicide plan in the past 12 months</td>
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<tr>
<td>Have attempted suicide in the past 12 months</td>
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</table>

<table>
<thead>
<tr>
<th>Grade</th>
<th>6th</th>
<th>8th</th>
<th>10th</th>
<th>12th</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>2011</td>
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<td>2015</td>
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<td>2017</td>
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</tr>
</tbody>
</table>

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- **Have considered suicide in the past 12 months**
- **Have made a suicide plan in the past 12 months**
- **Have attempted suicide in the past 12 months**
Contact Info

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Bach Harrison, LLC

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