

DAVIS COUNTY

STUDENT HEALTH
& RISK PREVENTION
(SHARP) SURVEY

2021 HIGHLIGHTS

BACKGROUND

- ❑ Four partner agencies: Utah State Board of Education; Utah Department of Health; State of Utah, Department of Human Services, Division of Substance Abuse and Mental Health; and Bach Harrison, LCC
- ❑ Combines multiple forms and surveys into one administration: Prevention Needs Assessment (PNA) Survey; Youth Risk Behavior Survey (YRBS); and school district/school additional question requests
- ❑ Conducted every other year statewide since 2003
- ❑ Active parent permission and approved by research ethics board

UTAH STUDENT HEALTH AND RISK ASSESSMENT SURVEY PREVENTION NEEDS ASSESSMENT (SHARP PNA) INCLUDES:

- ❑ Antisocial behaviors
- ❑ Bullying (including cyberbullying)
- ❑ Gang prevention
- ❑ Health issues (asthma, diabetes, family meals frequency, physical activity, screen use, seatbelt use, sleep, etc.)
- ❑ Highway safety
- ❑ Impacts of parental involvement on youth behaviors
- ❑ Mental health issues/treatment needs
- ❑ School/community safety and violence
- ❑ Sources/places of substance use
- ❑ Suicidal ideation/suicide prevention
- ❑ Underage drinking, illegal substance use, treatment needs

2021 SURVEY

- Administered February - May 2021
- Includes youth in Grades 6, 8, 10, and 12
- 80% of responses submitted electronically (in school and at home)
- 1.7% kicked out after validity checks
- 135+ questions
- Data released October 2021
- State SHARP data trainings were held October - December 2021
- 2021 survey was administered during the COVID-19 pandemic*, which impacted county-, school-, and student-level participation statewide; however, it did not detract from the quality of results in Davis County

*** Emerging trends should be interpreted with the potential impact of COVID-19 in mind**

QUESTIONS ADDED IN 2021

- Hours of **sleep** on an average school night (eight or more hours as the target)
- Impacts of the transition to **online learning** due to the COVID-19 pandemic
- Social, educational, and emotional effects students may have experienced secondarily due to the **COVID-19** pandemic

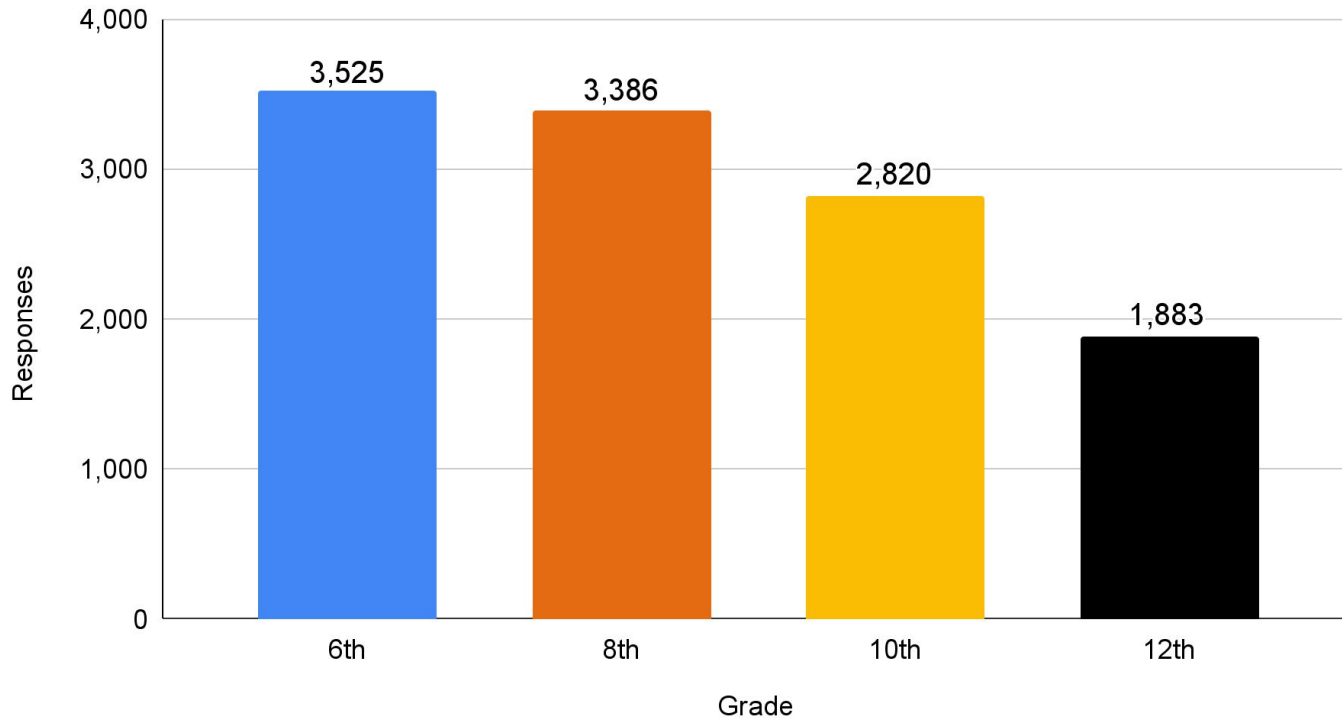
DAVIS COUNTY SHARP REPORT

- Davis County (Local Substance Abuse Authority – LSAA) [Report](#)
- Countywide data is available to the public
- The [Utah SHARP Web Tool](#) allows users to explore relationships between variables
- [All SHARP reports](#)

PARTICIPANT CHARACTERISTICS

- A total of 11,614 students completed surveys in Davis County
- 51.4% female, 48.6% male

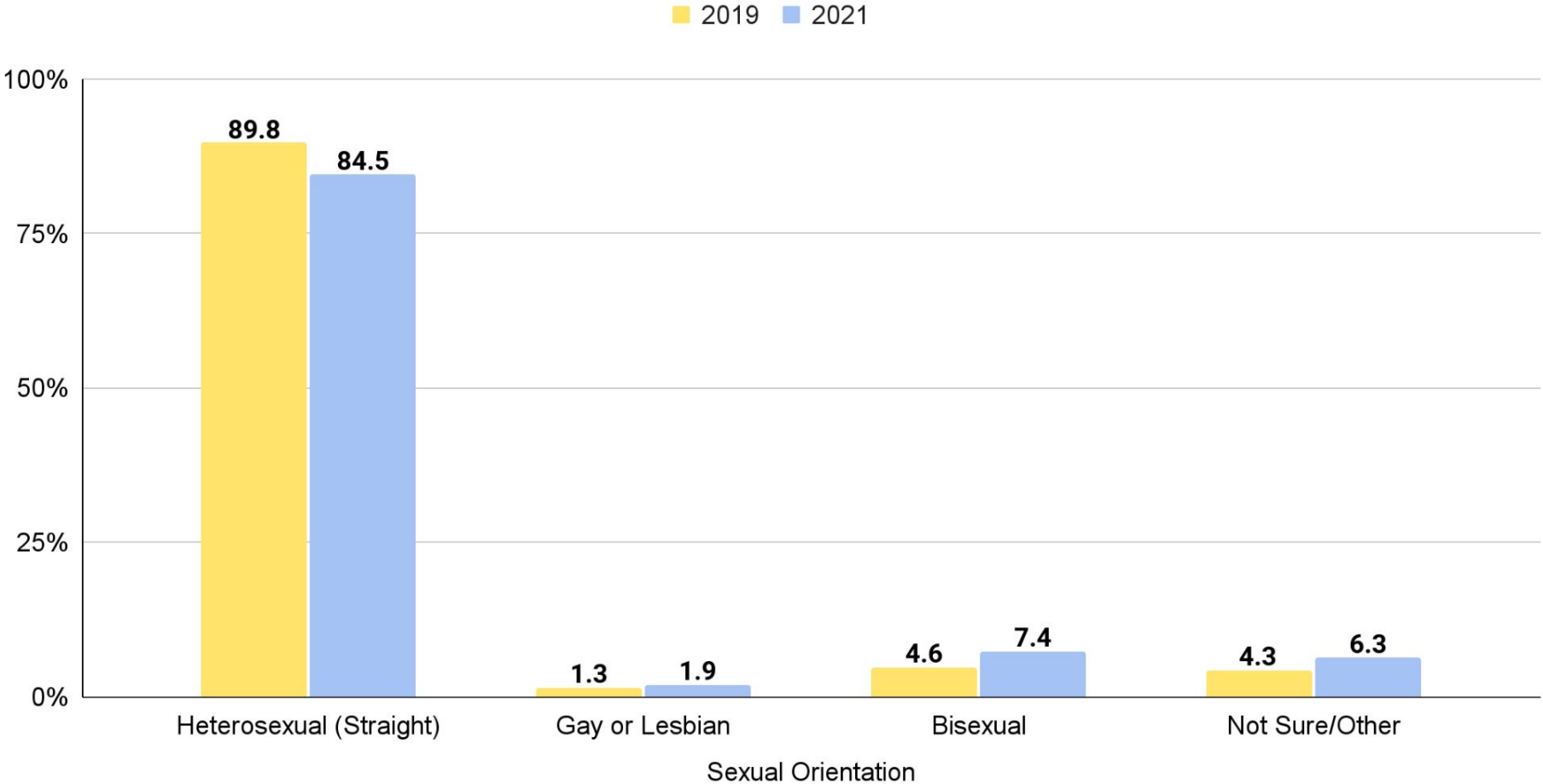
Number of SHARP Survey Respondents by Grade, 2021, Davis County, Utah



SEXUAL ORIENTATION

Reported Student Sexual Orientation, Percentage, Davis County, 2019 & 2021, Utah SHARP Survey

*Grades 8, 10, and 12 Only



2021 SHARP SUBSTANCE USE

Alcohol

Cigarettes

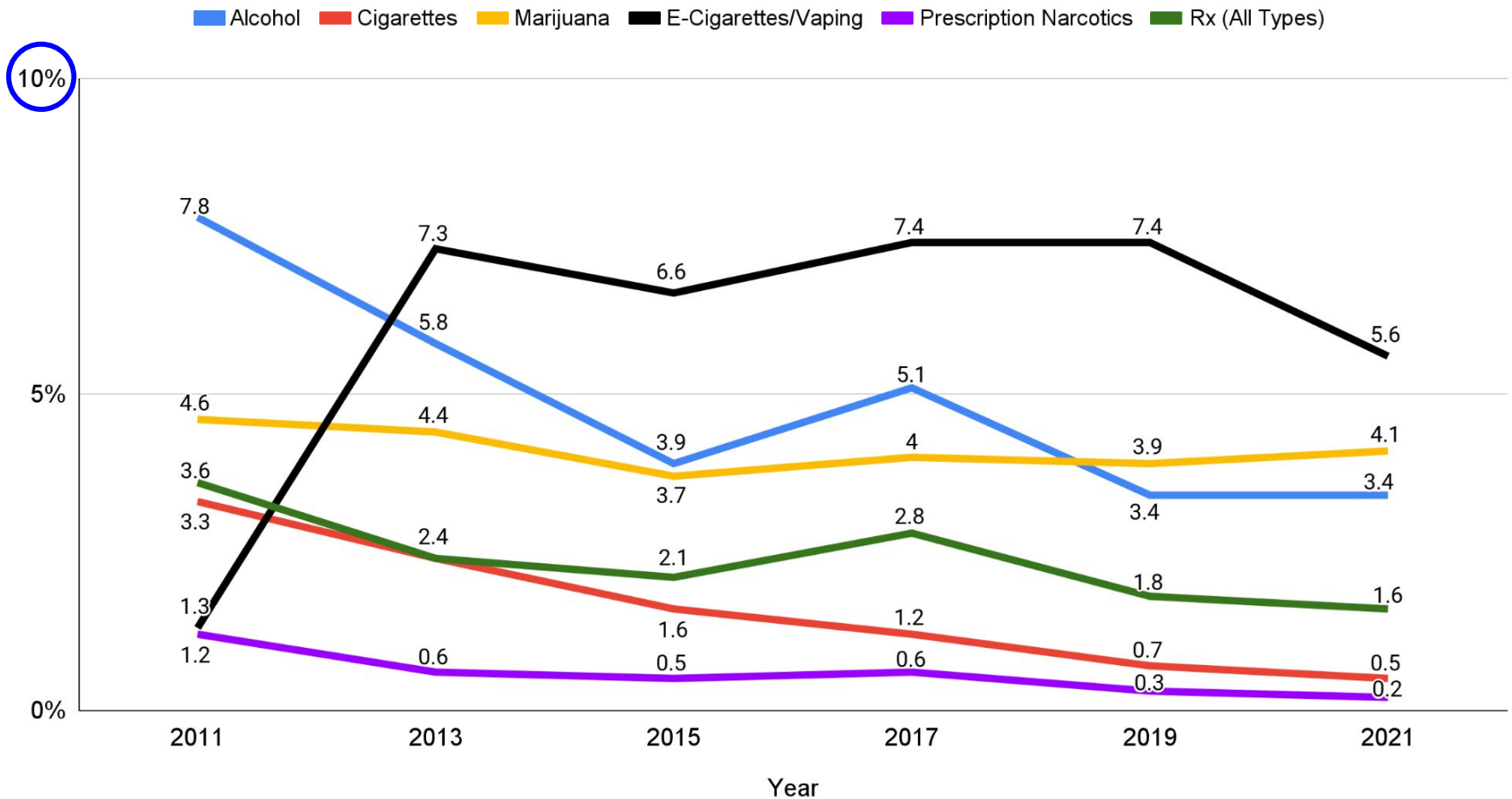
E-Cigarettes

Marijuana

Prescription
Drugs

30-DAY SUBSTANCE USE

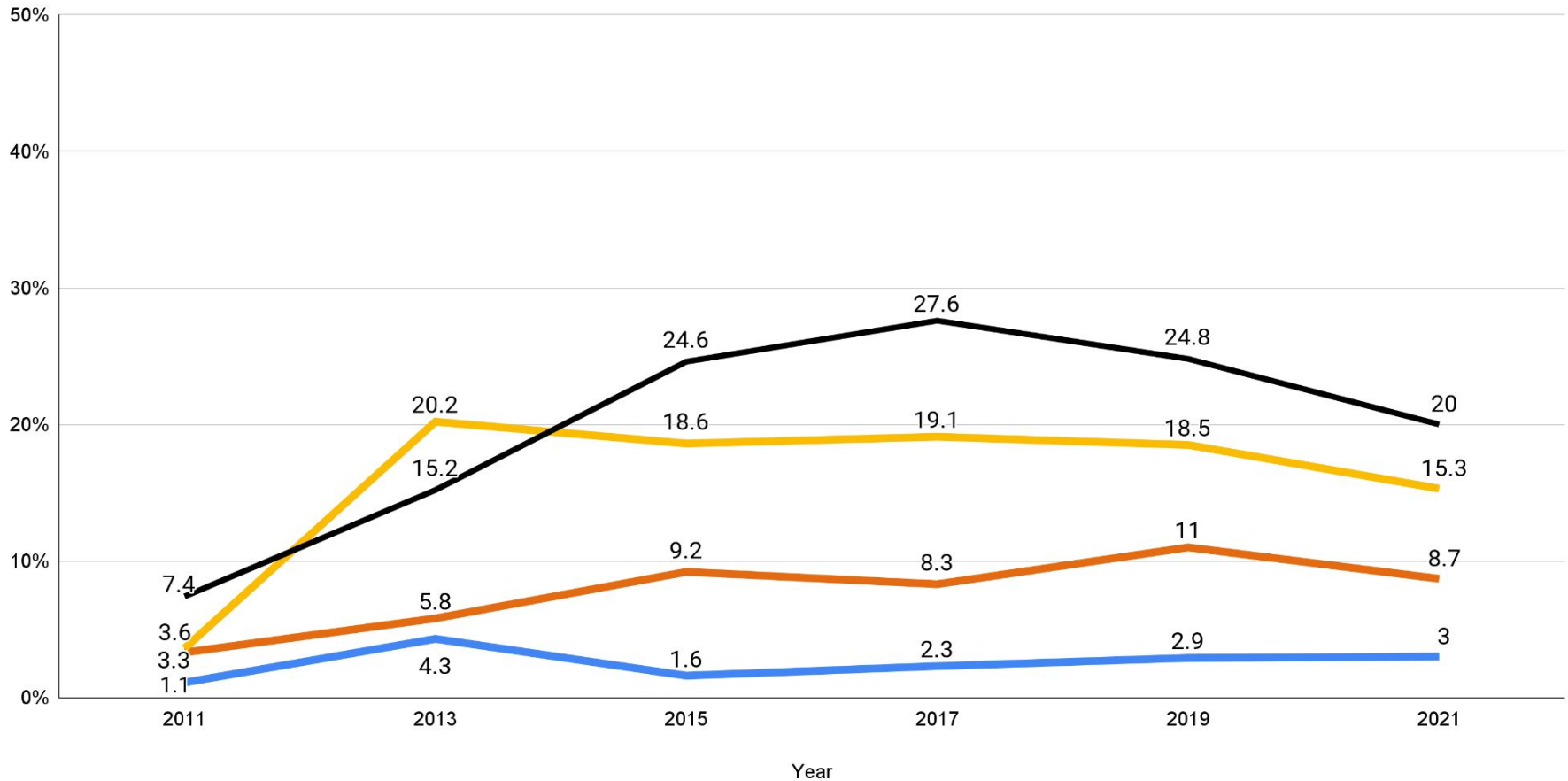
Past 30-Day Substance Use, Percentage, 2011-2021, Davis County, Utah SHARP Survey



LIFETIME E-CIGARETTE/VAPING USE

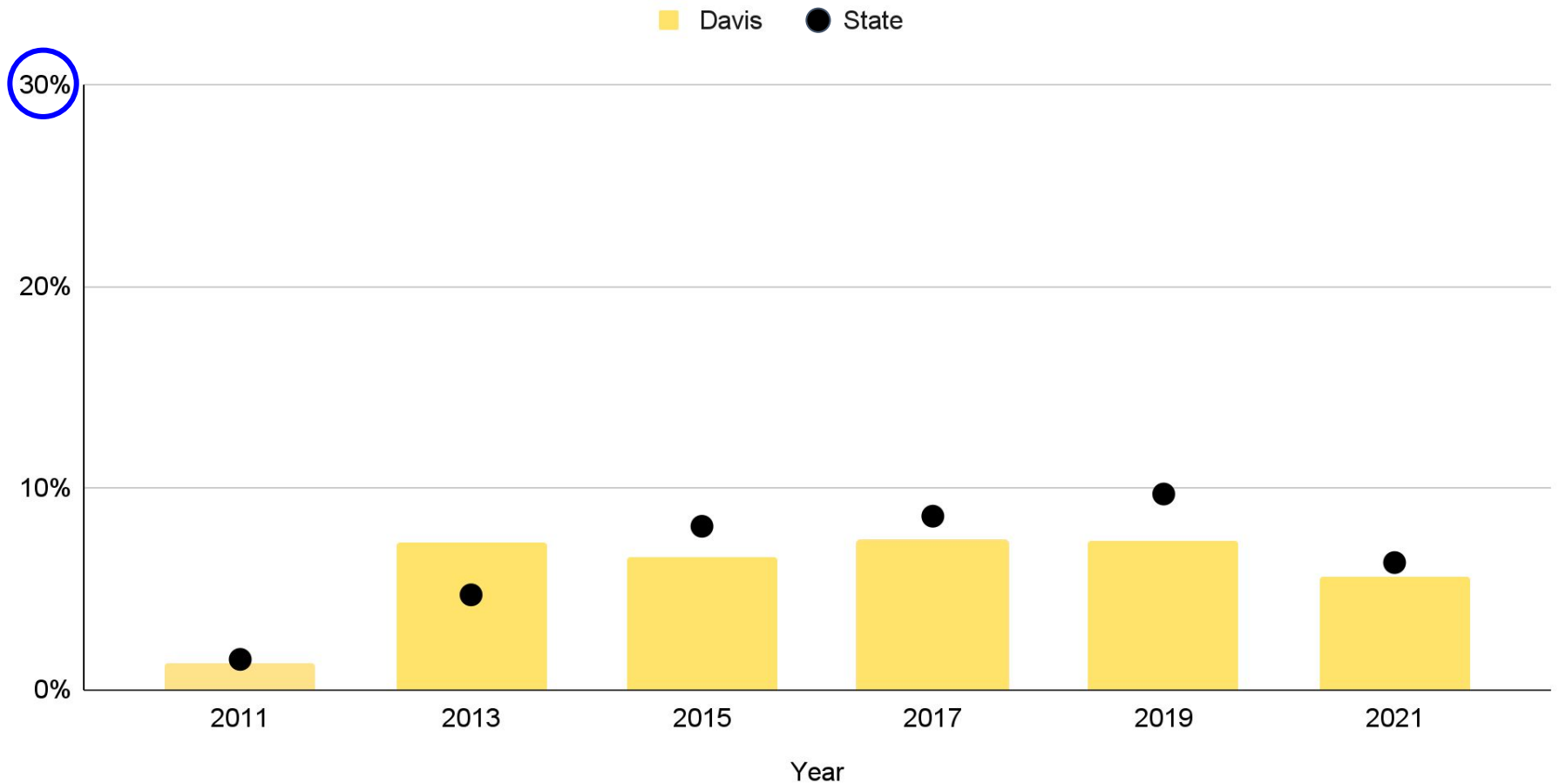
Lifetime E-cigarette/Vaping Usage by Year/Grade, Percentage, Davis County, 2011-2021, Utah SHARP Survey

6th 8th 10th 12th



30-DAY E-CIGARETTE/VAPE DEVICE USE

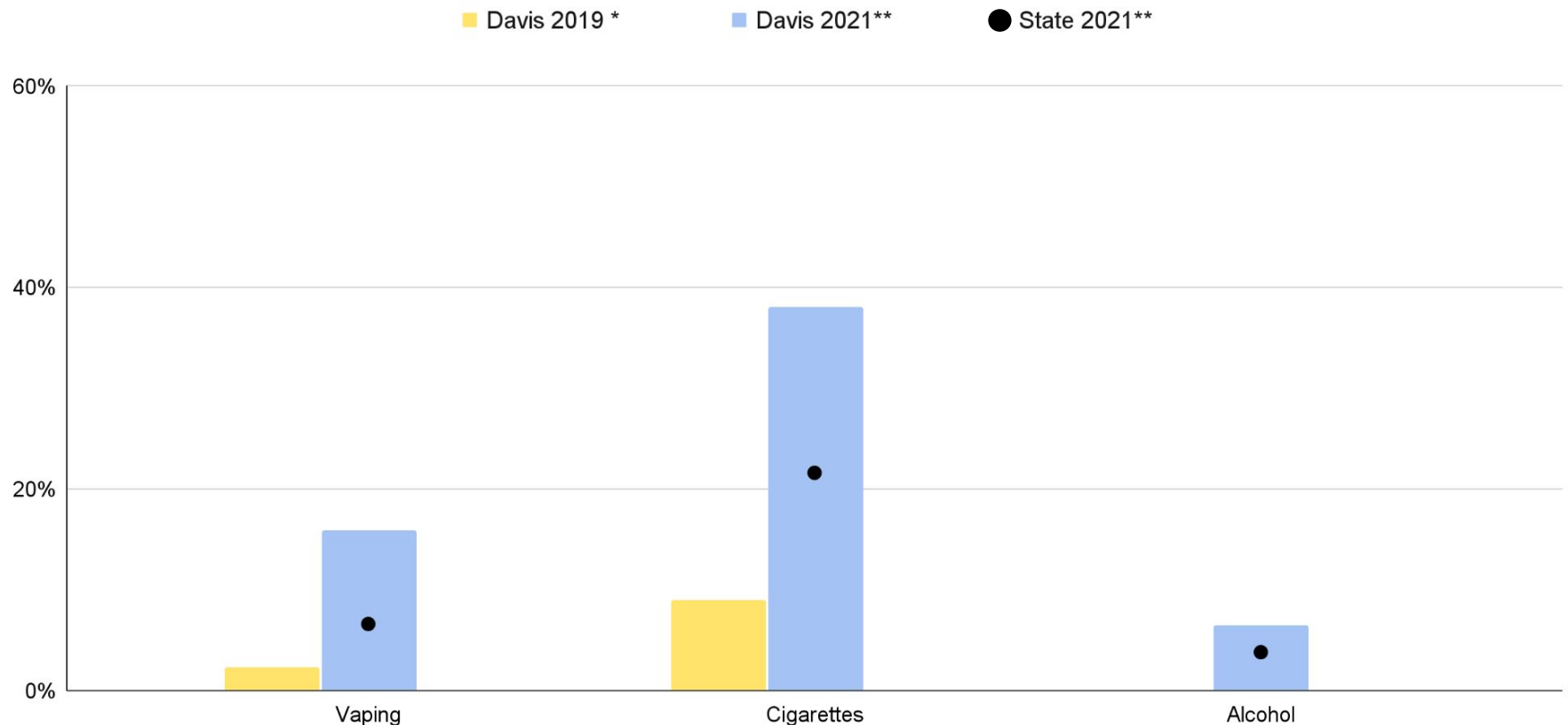
Past 30-Day E-Cigarette/Vaping Use, Percentage, 2011-2021, Davis County & State of Utah, Utah SHARP Survey



BOUGHT SUBSTANCES BY STORE TYPE

Student Bought Substance at Convenience Store/Supermarket/Discount Store/Gas Station, Percentage, 2019 & 2021, Davis County & State of Utah, Utah SHARP Survey

Note: The primary way that youth obtain tobacco products is through a family member or close contact. Borrowing or bumming was the primary point of accessing tobacco products.



*Source of alcohol access was not asked in 2019

**Of the options mentioned in the title, alcohol source was limited to convenience store

2021 SHARP SOCIAL & EMOTIONAL HEALTH

Sad/Hopeless

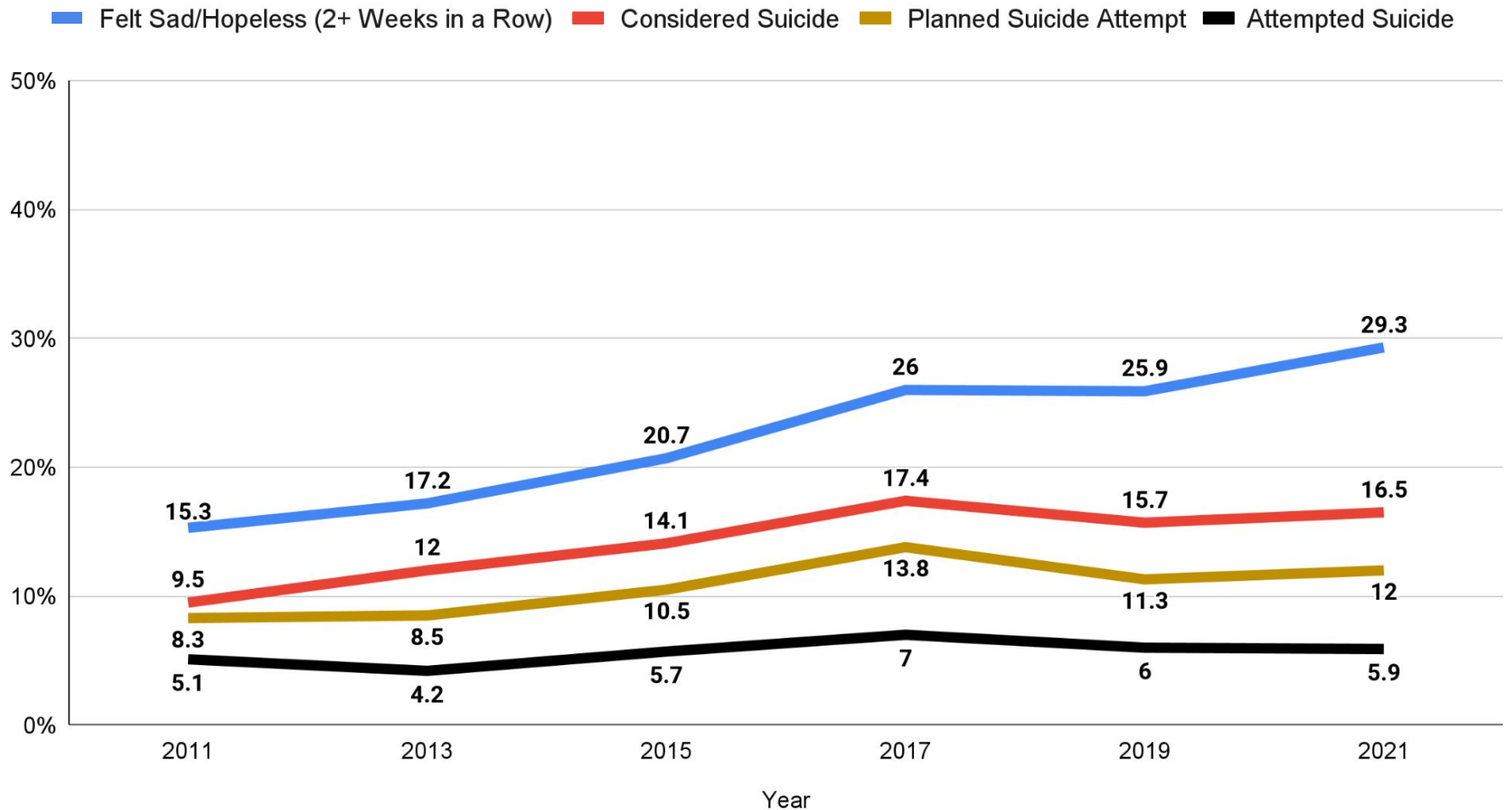
Suicide

Social
Isolation

Mental Health
Treatment
Needs

SUICIDE INDICATOR TRENDS (2011-2021)

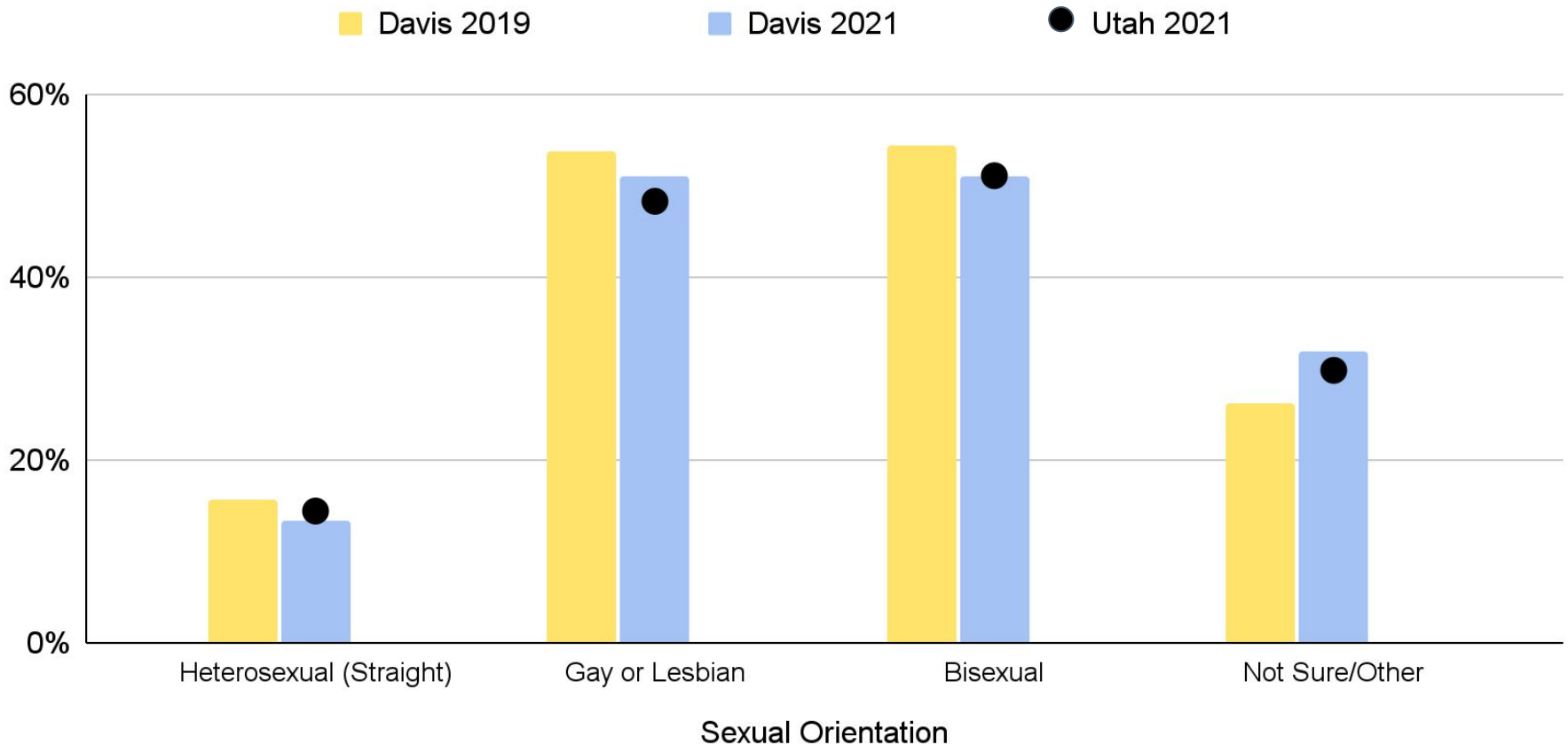
Suicide-Related Indicators, Percentage, 2011-2021, Davis County, Utah SHARP Survey



SEXUAL ORIENTATION & SUICIDE CONSIDERATION

Reported Student Sexual Orientation and Serious Suicide Consideration in Past 12 Months, Percentage, 2019 & 2021, Davis County & State of Utah, Utah SHARP Survey

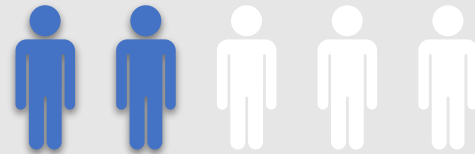
*Grades 8, 10, and 12 Only



FELT SAD/HOPELESS 2+ WEEKS IN A ROW

Felt Sad/Hopeless 2+ Weeks in a Row by Grade, Percentage, 2021, Davis County, Utah SHARP Survey

6th Graders: 22%



8th Graders: 24%



10th Graders: 35%

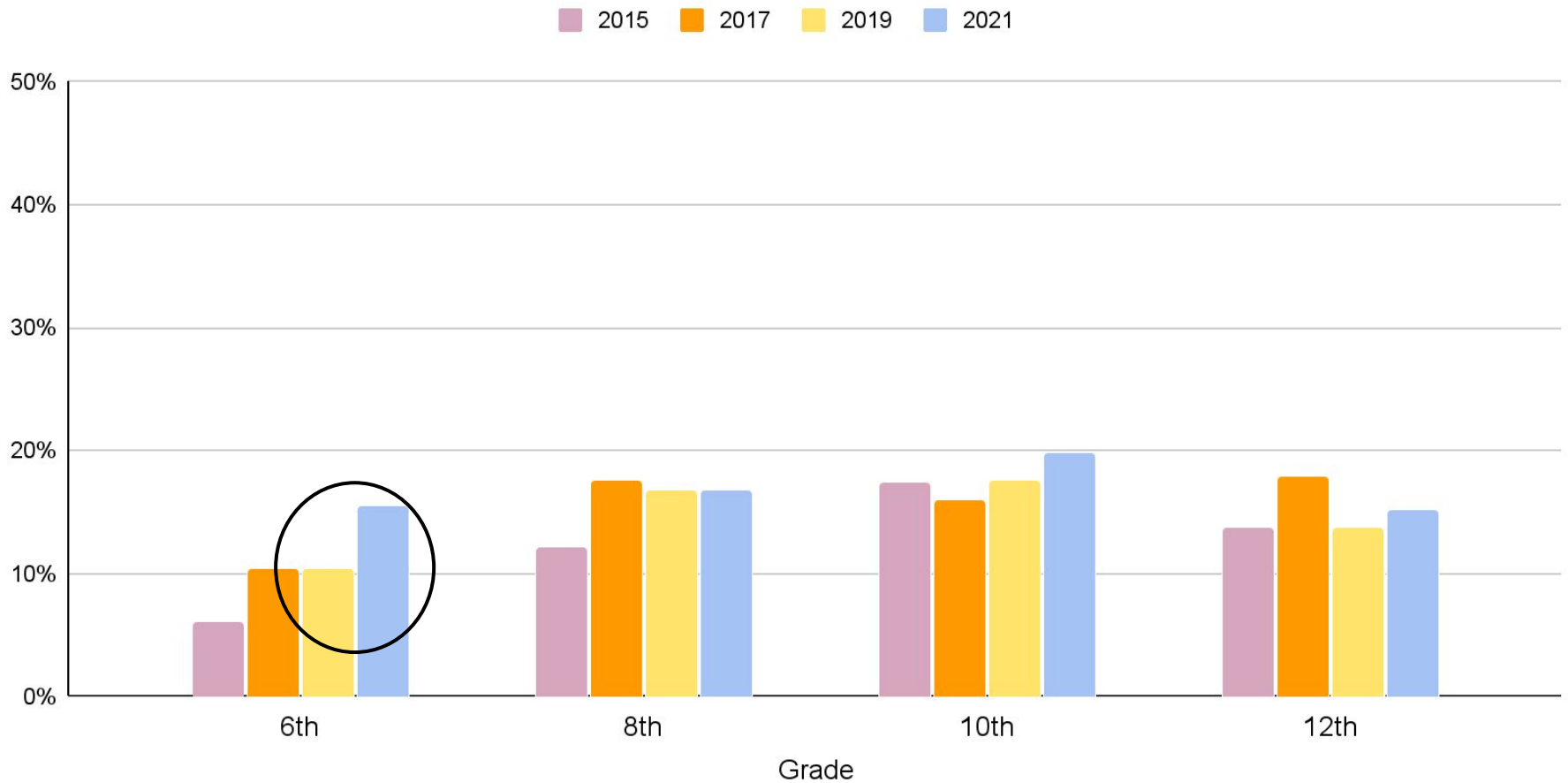


12th Graders: 35%



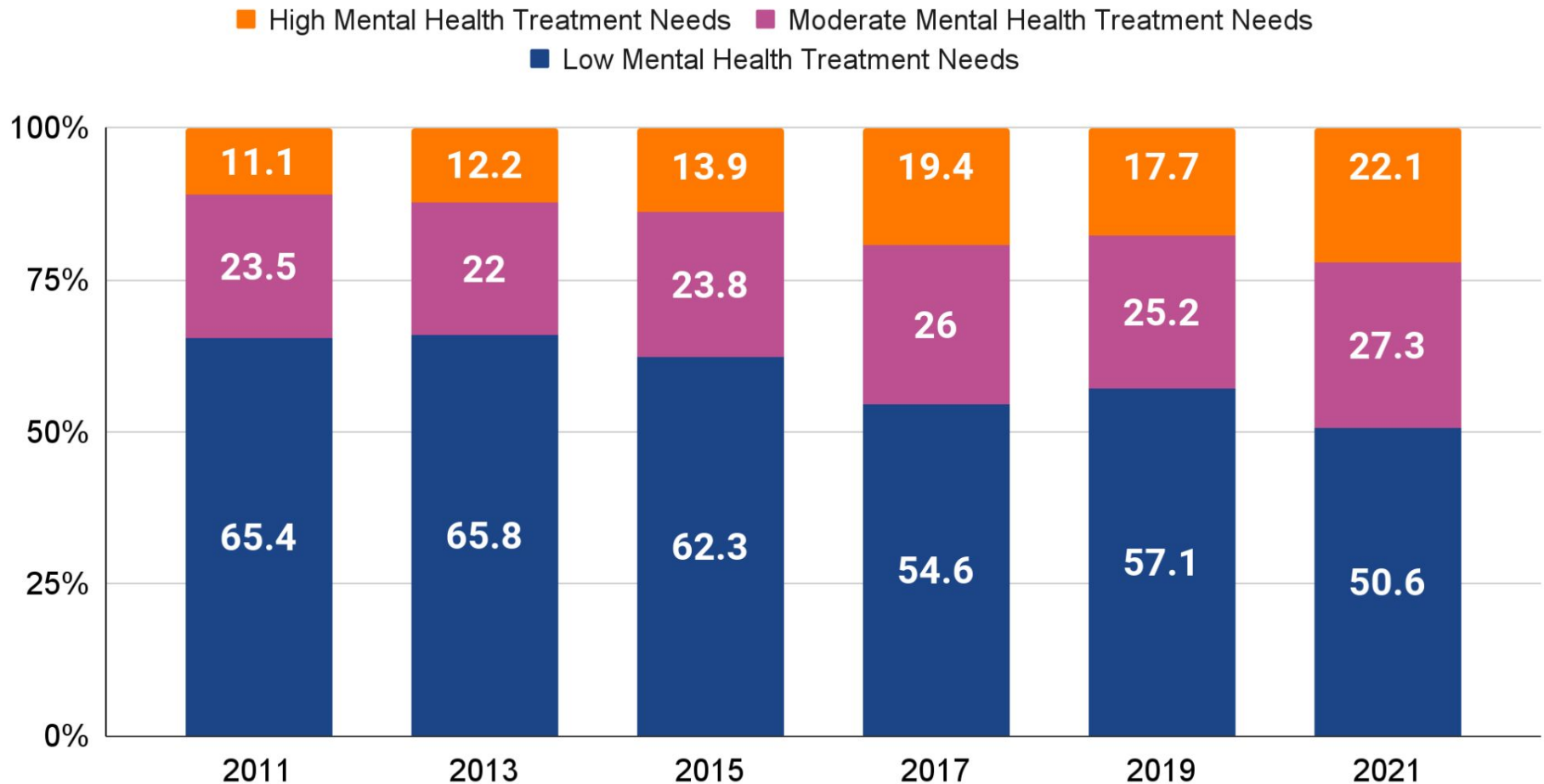
INTENTIONAL SELF-HARM

Intentional Self-Harm (Non-Suicidal) by Grade, Percentage, 2015-2021, Davis County, Utah SHARP Survey



MENTAL HEALTH TREATMENT NEEDS

Mental Health Treatment Needs, All Grades, Percentage, 2011-2021, Davis County, Utah SHARP Survey

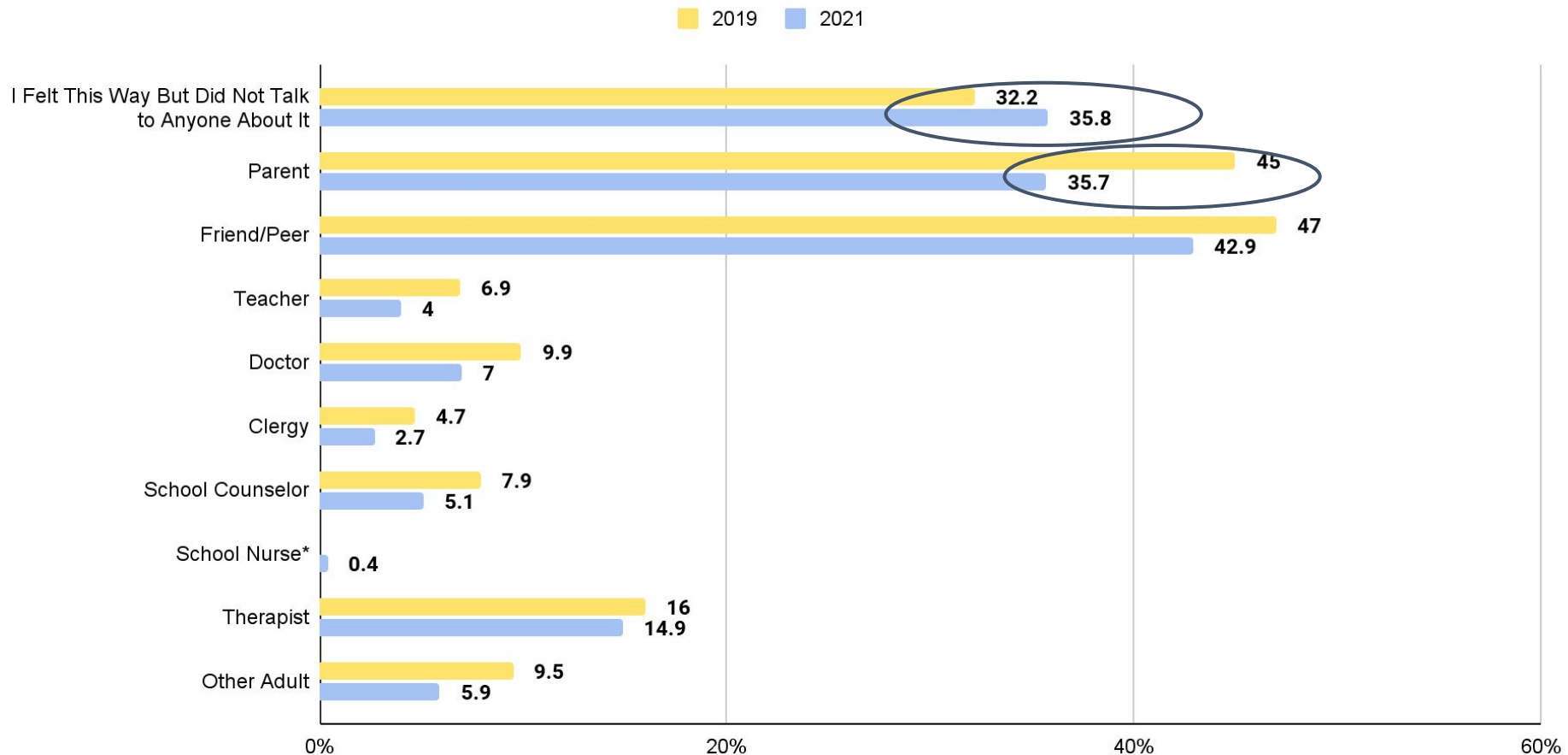


ATTITUDES TOWARD MENTAL HEALTH TREATMENT

- The percentage of students who feel it is okay to seek help/talk to a counselor, therapist or doctor for feeling very sad, hopeless, or suicidal has remained relatively stable
- However, there was a slight increase in the percentage of students who felt that seeking help/talking about these emotions was okay for others but not themselves

TALKING TO PERSON/PEOPLE ABOUT EMOTIONS/THOUGHTS

Person/People Students Talked to About Feeling Very Sad, Hopeless, or Suicidal in The Past 30 Days, Percentage, 2019-2021, Davis County, Utah SHARP Survey

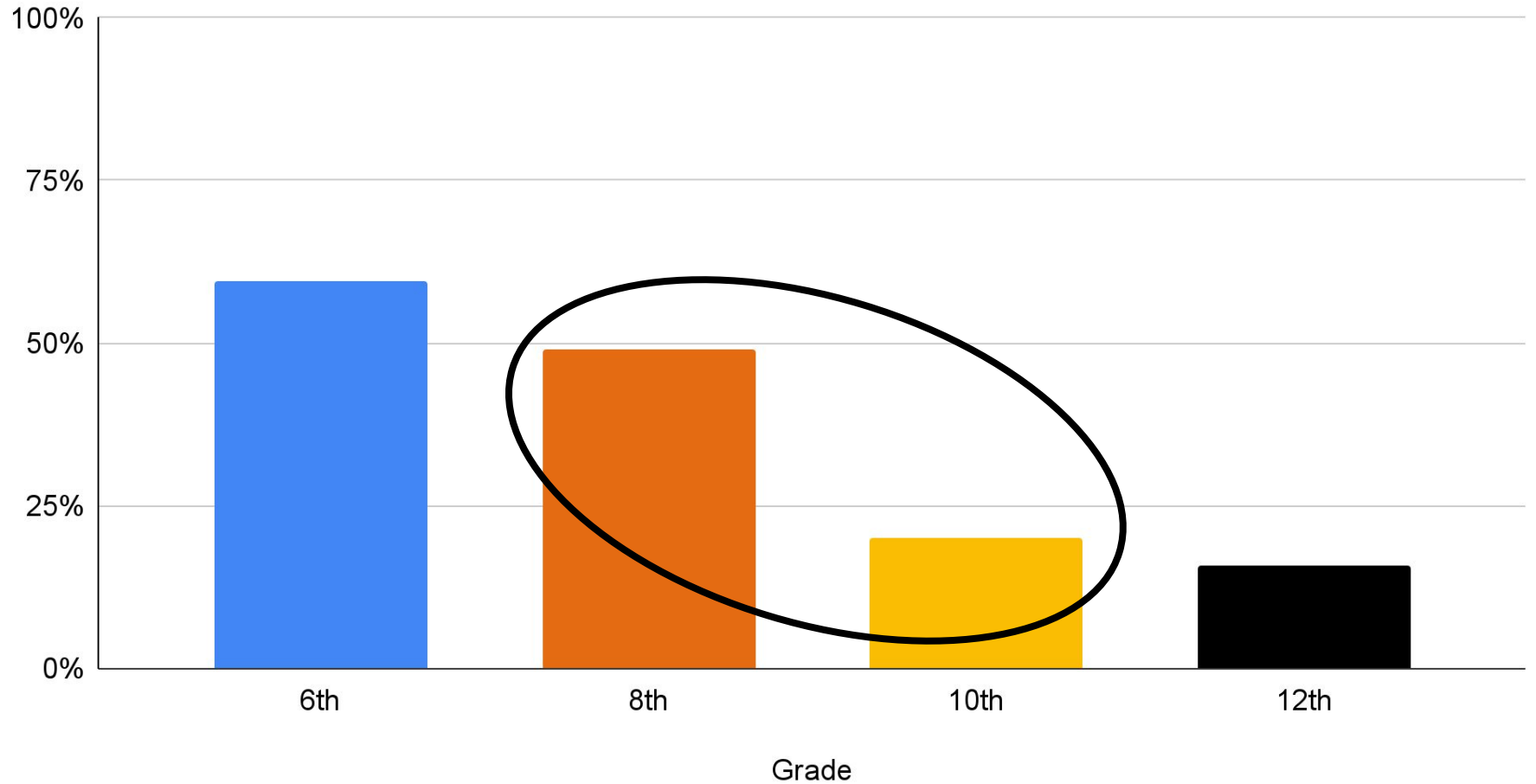


*2019 School Nurse Data Suppressed Due to Low Sample Size

SLEEP

SLEEP

Students Reporting 8+ Hours of Sleep on an Average School Night by Grade, Percentage, 2021, Davis County, Utah SHARP Survey

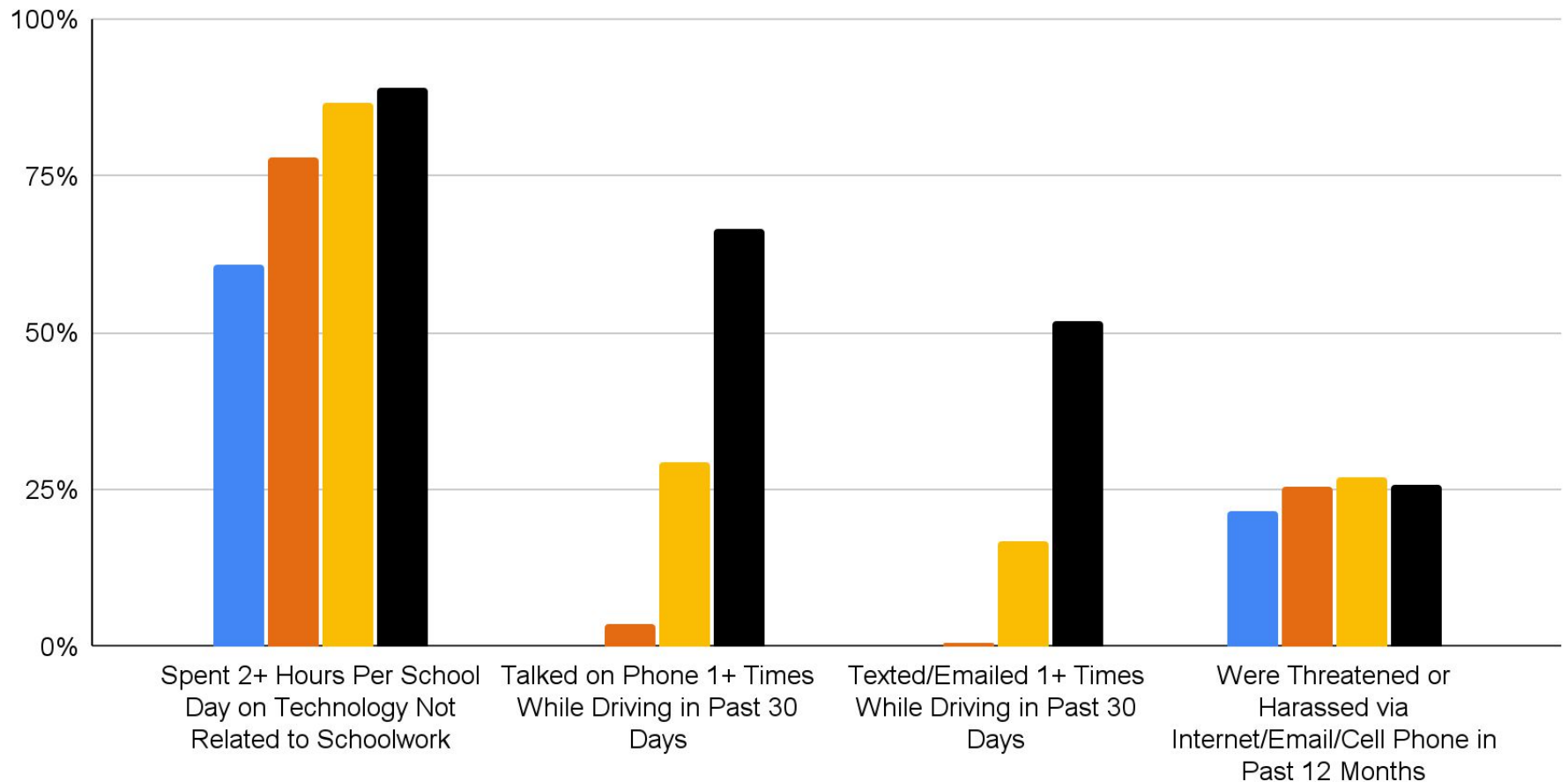


TECHNOLOGY USE

TECHNOLOGY USE

Technology Use Profile by Grade, Percentage, 2021, Davis County, Utah SHARP Survey

6th 8th 10th 12th



COVID-19 HEALTH IMPACTS

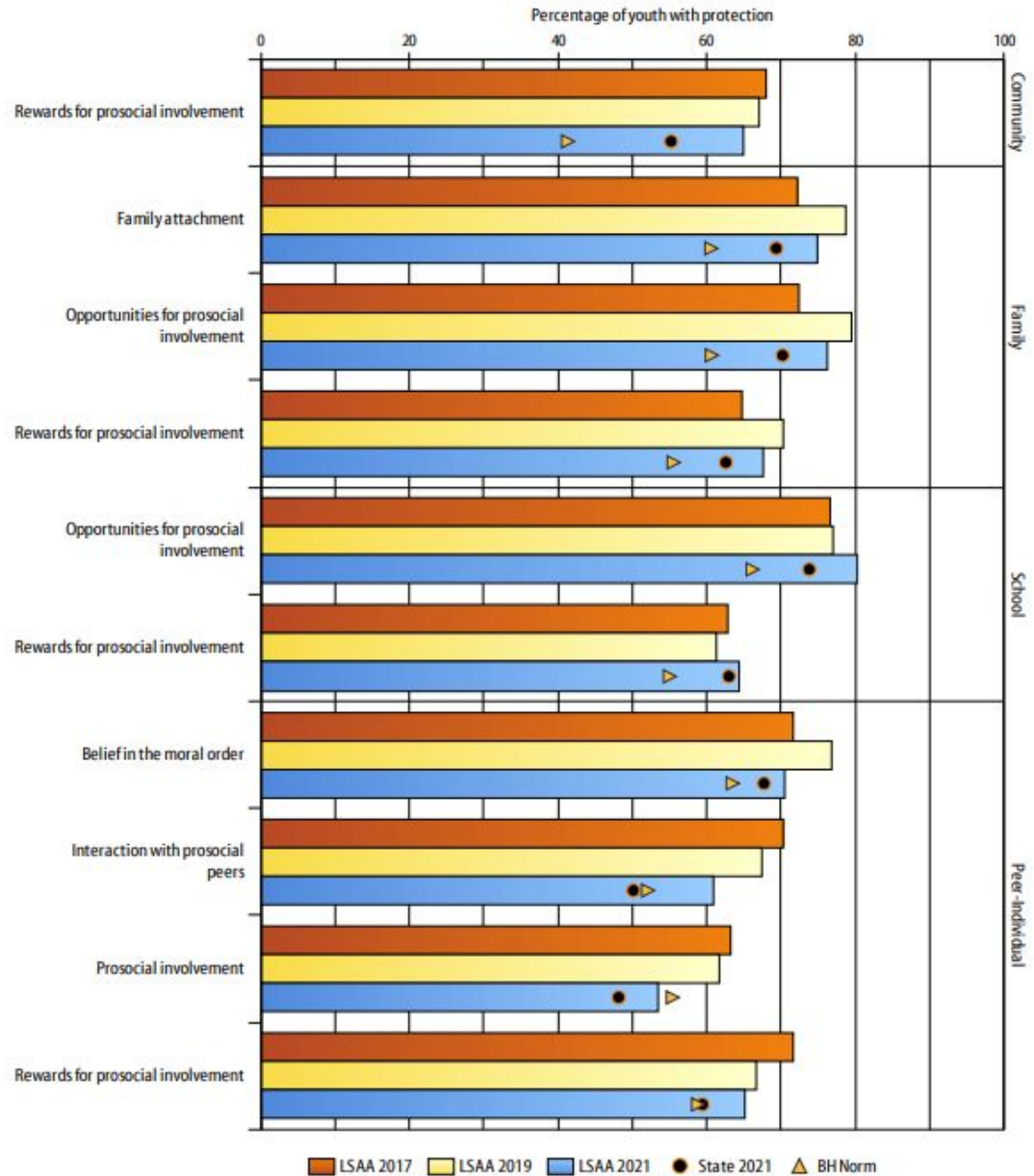
COVID-19 Health Impacts

- Each grade reported **similar rates of getting sick with COVID-19 or COVID-19 symptoms** (25.1% for all grades combined)
- **Emotional distress** (anxiety, sadness, or hopeless) from COVID-19 increased with age; 4 of 10 students in 12th grade reported distress
- 12.8% of Davis County students reported **people at home were fighting a lot**
- **More than 1 of 10 students** reported they had difficulty keeping up with school work because they did not have access to a reliable **computer or internet service**



PROTECTIVE FACTOR PROFILE

Protective profile, All Grades Davis County LSAA 2021 SHARP Survey




PROTECTIVE FACTOR HIGHLIGHTS

- Strengths: opportunities for positive social involvement (school, family), family attachment, belief in “right” or “wrong” (i.e., moral order)
- Most room for improvement: positive social involvement (peer/individual), interaction with prosocial peers (peer/individual), and rewards for positive social involvement (community, family) such as recognition, kudos, or incentives



2021 PROTECTIVE FACTOR HEAT MAP

Youth with...

 of protection compared to their peers in other race/ethnicity groups.

		Student Race/Ethnicity (sample size)						
		African American / Black (125)	American Indian / Alaska Native (118)	Asian (133)	Hispanic or Latino (1,033)	Multiracial (440)	Native Hawaiian / Pacific Islander (85)	White (9,510)
Domain	Protective Factor							
<i>Community</i>	Rewards for prosocial involvement	46.8	49.0	45.6	37.4	52.9	66.9	69.2
<i>Family</i>	Family attachment	49.7	71.2	47.9	57.1	65.4	72.5	78.2
	Opportunities for prosocial involvement	59.1	66.9	57.9	61.1	71.6	62.4	79.0
	Rewards for prosocial involvement	53.6	58.0	46.8	47.4	57.2	67.1	71.0
<i>School</i>	Opportunities for prosocial involvement	74.1	73.0	86.2	80.2	76.9	84.8	80.4
	Rewards for prosocial involvement	49.0	62.9	67.5	57.7	62.2	64.5	65.5
<i>Peer-Individual</i>	Belief in the moral order	51.2	57.3	48.3	56.7	66.0	53.7	73.2
	Interaction with prosocial peers	30.7	41.0	52.0	32.6	52.5	49.0	65.7
	Prosocial involvement	49.8	42.1	43.7	38.4	53.1	36.8	56.0
	Rewards for prosocial involvement	41.9	57.0	60.6	55.6	61.7	77.5	66.6

RISK FACTOR PROFILE

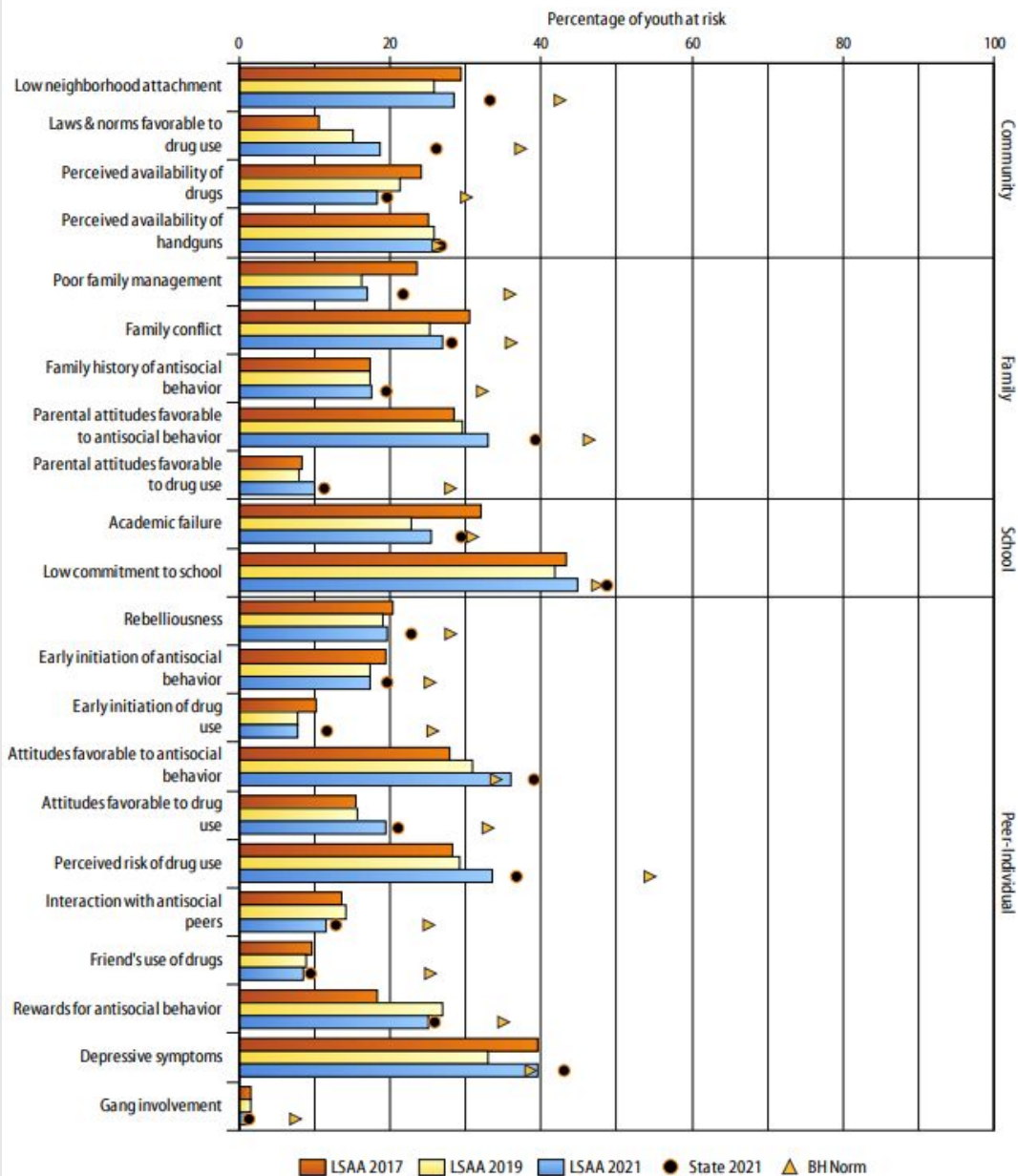
RISK FACTORS

Risk Factors for Adolescent Problem Behavior (2016)
Adapted with permission from The Center for Communities that Care, University of Washington

		Outcome					
		Substance Abuse	Violence	Delinquency	School Drop-Out	Teen Pregnancy	Depression & Anxiety
Domain	Risk Factor						
Community	Availability of Drugs						
	Availability of Firearms						
	Community Laws & Norms Favorable Toward Drug Use, Firearms, & Crime						
	Media Portrayals of the Behavior						
	Transitions & Mobility						
	Low Neighborhood Attachment & Community Disorganization						
	Extreme Economic Deprivation						
Family	Family History of the Problem Behavior						
	Family Management Problems						
	Family Conflict						
	Favorable Parental Attitudes & Involvement in the Problem Behavior						
School	Academic Failure Beginning in Late Elementary School						
	Lack of Commitment to School						
Peer / Individual	Early & Persistent Antisocial Behavior						
	Rebelliousness						
	Gang Involvement						
	Friends Who Engage in the Problem Behavior						
	Favorable Attitudes Toward the Problem Behavior						
	Early Initiation of the Problem Behavior						
	Constitutional Factors						

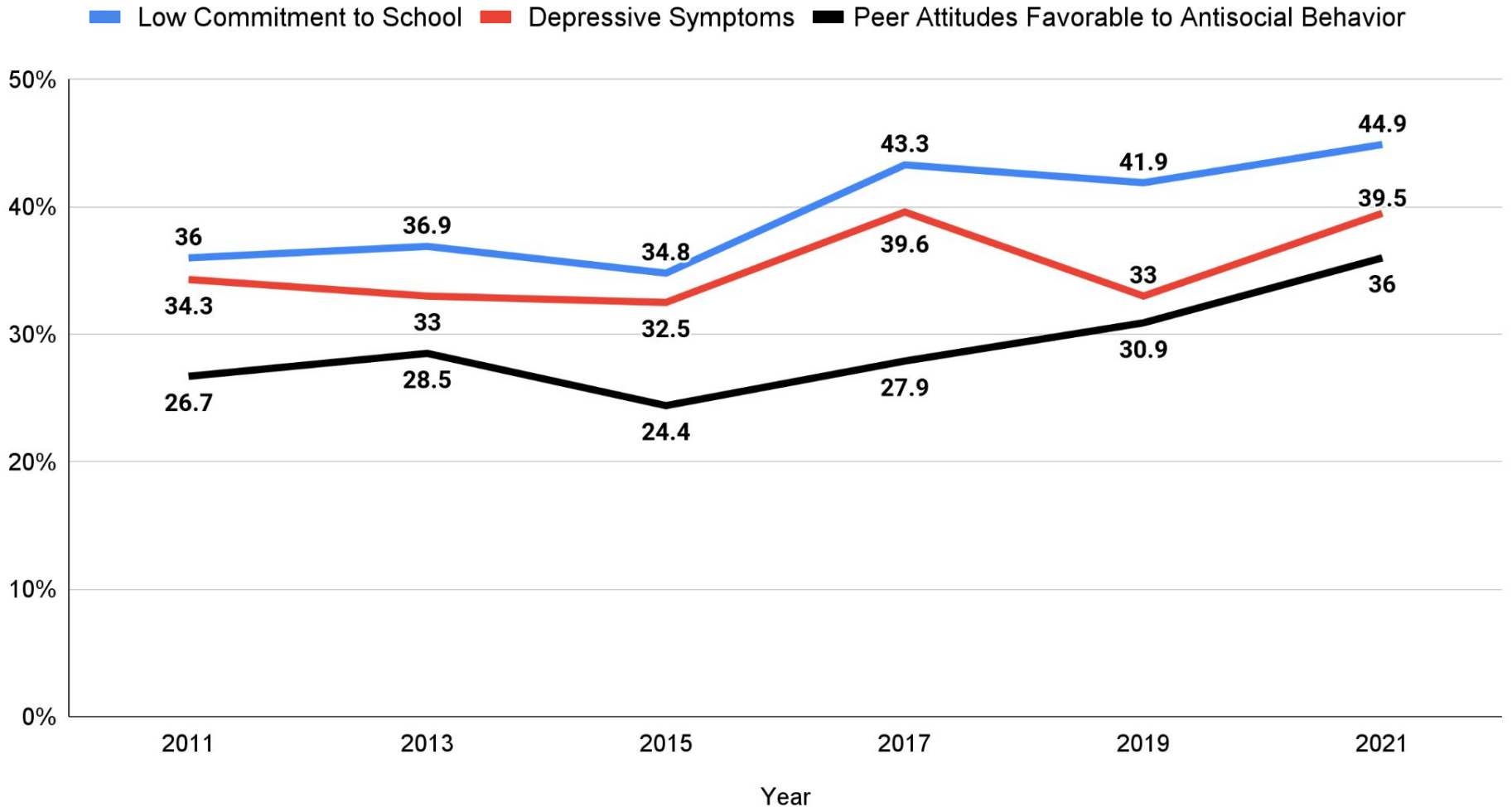
Risk profile, All Grades

Davis County LSAA 2021 SHARP Survey



LEADING RISK FACTOR TRENDS (2011-2021)

Leading Risk Factor Trends, Percentage, 2011-2021, Davis County, Utah SHARP Survey



2021 RISK FACTOR HEAT MAP

Youth with...

of risk compared to their peers in other race/ethnicity groups.

		Student Race/Ethnicity (sample size)						
		African American / Black (125)	American Indian / Alaska Native (118)	Asian (133)	Hispanic or Latino (1,033)	Multiracial (440)	Native Hawaiian / Pacific Islander (85)	White (9,510)
Domain	Risk Factor							
Community	Low neighborhood attachment	48.0	44.2	52.9	46.0	39.9	39.6	25.0
	Laws and norms favorable to drug use	26.3	29.6	28.4	30.0	16.7	15.6	16.7
	Perceived availability of drugs	27.7	31.9	31.5	31.2	23.2	17.7	16.1
	Perceived availability of handguns	30.8	27.5	22.9	25.4	21.9	20.5	26.8
Family	Poor family management	34.0	35.7	26.4	29.6	16.4	33.0	14.4
	High family conflict	36.3	38.8	41.6	37.3	35.6	24.7	24.8
	Family history of antisocial behavior	18.8	30.4	16.0	32.4	22.6	25.7	15.3
	Parental attitudes favorable to antisocial behavior	34.0	41.5	37.6	42.3	38.0	3.0	31.0
	Parental attitudes favorable to drug use	15.4	8.0	17.6	17.4	12.3	6.0	8.9
School	Academic failure	34.0	39.3	24.3	43.0	27.9	43.2	22.3
	Low commitment to school	58.6	46.8	51.8	51.3	53.3	50.3	43.5
Peer-Individual	Rebelliousness	30.7	21.4	38.2	24.2	24.1	33.0	18.3
	Early initiation of problem behavior	30.4	25.7	15.0	24.9	20.3	23.3	15.9
	Early initiation of drug use	12.1	12.6	11.0	20.1	13.1	16.4	5.7
	Attitudes favorable to antisocial behavior	41.0	39.0	43.7	44.8	47.5	52.8	34.1
	Attitudes favorable to drug use	24.4	12.4	24.0	29.8	24.3	19.4	17.8
	Perceived risk of drug use	43.0	47.2	41.4	46.3	39.8	37.8	31.1
	Interaction with antisocial peers	24.7	25.9	13.3	18.3	13.9	26.7	10.1
	Friend's use of drugs	24.6	12.9	10.9	17.0	11.0	19.5	7.0
	Rewards for antisocial behavior	30.5	24.6	17.7	33.3	26.8	37.3	24.0
	Depressive symptoms	53.5	37.4	50.7	56.2	48.6	53.8	36.4
	Gang involvement	5.6	0.8	0	3.1	1.4	3.7	0.8

OVERALL STRENGTHS

STRENGTHS



- Participation remained stable even during the pandemic, a testament to the hard work of the Davis School District
- Positive school environment reported despite pandemic
- Progress in vaping reduction (Grades 8, 10, and 12)
- Some of the lowest alcohol, tobacco, and other drug use rates in the nation
- SHARP data was essential in the development of the [2019-2023 Davis4Health Community Health Improvement Plan](#) (CHIP)
- Many community prevention collaborations exist to address top risk and protective factors identified in the SHARP survey

UTAH SHARP WEB TOOL

bach harrison llc

Utah SHARP Web Tool

utah department of
human services
SUBSTANCE ABUSE AND MENTAL HEALTH

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Utah SHARP Web Tool

Welcome to the Utah SHARP Web Tool. The purpose of this website is to present data and information provided by the state of Utah's Student Health and Risk Prevention (SHARP) Statewide Survey. Through this website, users can view data that will be useful for planning and evaluating substance abuse and delinquency prevention activities, as well as view specific risk and protective factors.

For an overview of the available choices for viewing data, please see the [Start](#) page. For other additional resources, as well as viewing data, please explore the main menu.

For information regarding the development of this website, please see the [About](#) page.

[HTTPS://WWW.BACH-HARRISON.COM/UTAHSHARPWEBTOOL](https://www.bach-harrison.com/utahsharpwebtool)

PARTICIPANT EVALUATION



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