

Adolescent Health Status in Arizona

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Objectives

- To provide an up-to-date overview of the chronic absenteeism and mental health landscape among adolescents in Arizona.
- To discuss key factors impacting adolescent mental health and their prevalence rates with an emphasis on absenteeism.
- To highlight the importance of data quantifying the issues school-age youth encounter, specifically about positive childhood experiences (PCES).
- Highlight the benefits of connections between LHD's and LEA's

Data sources

2016-2017 & 2020-2021 National Survey of Children's Health (NSCH)

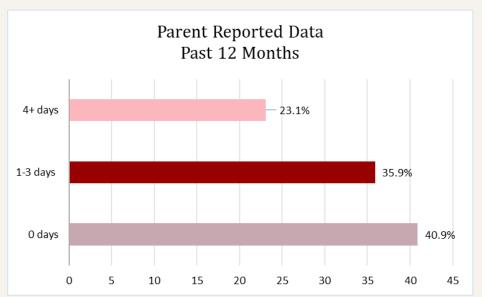
- Parents/guardians (used a subsample of adolescents, ages 12-17 years).
- National survey conducted annually, funded and directed by the Health Resources and Services Administration's Maternal and Child Health Bureau (HRSA MCHB), that provides rich data on multiple, intersecting aspects of children's health and well-being including physical and mental health, access to and quality of health care, and the child's family, neighborhood, school, and social context.

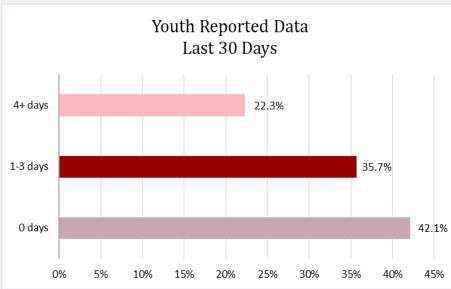
2017 & 2021 Arizona Youth Risk Behavior Survey (YRBS)

- Adolescents enrolled in 9th-12th grade.
- School-based health survey conducted every two years in high schools through Arizona and the United States. The survey collects valuable information about priority health behaviors and experiences among Arizona teens. In Arizona, it is partially funded by the CDC and administered by the ADHS. Student participation is anonymous, voluntary, and requires written parental consent.

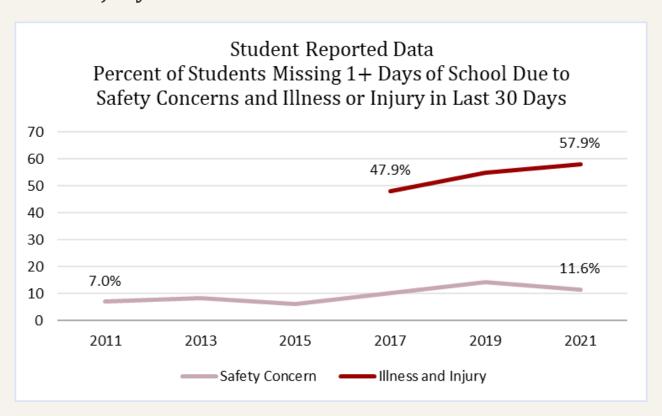
1 in 5 students missed 4 or more days of school due to illness or injury

Female students are nearly 20% more likely to miss 4+ days of school due to illness or injury.





The number of students missing school days due to safety concerns and illness or injury is on the rise







Adolescent Mental Health

- Mental health issues exacerbated during the COVID-19 pandemic.
- Mental health was selected as one of the top public health issues by the ASTHO.

YAC Feedback

Concerns...

- Mental Health Access
- Local School Sanitation
- Drug Usage

Food insecurity between Arizona schools (which schools have free and reduced lunch and the nutrition in school lunches), disability acts for children with physical and learning disabilities in schools, mental health awareness (having counselors and trusted adults in school)

- 1. Mental health issues especially after the COVID-19 Pandemic
- 2. Violence at homes + ACES
- 3. Bullying and cyberbullying
- 1. Mental health- many students in my school are not aware that we have a school counselor. I think it is important that students are more conscious o the support systems put in place to help them with their mental health.
- 2. Physical health pertaining to the use of illegal substances, such as vapes, weed, alcohol etc. As someone who has attended both public and private schools, it is clear that substance abuse is ubiquitous across all types of school campuses, but deterrents (such as strict substance abuse policies) can reduce the chance of students "using."
- 3. Anxiety/depression related to cyberbullying in the school community.
- 1.mental health and a students desire to be at school 2.nutritional lunches provided to all student and a wider variety 3.home life and how we can give them a safe escape at school

Assets...

Sanitation Donations

In my school we have mental health awareness clubs, trusted adult allies, and general bullying and substance abuse policies.

- 1. Access to welcoming teachers, counselors, adults
- 2. Inclusive, diverse community
- 3. Peaceful, loving household
- 1. Having a support system-counselor, therapist, friends, etc.
- 2. Playing sports- distraction from troubles
- 3. Strict rules- I go to a private school, so the enforcement of punishment is helpful to maintain high character and following rules
- 1.being a role model to young students that they to can be successful 2.Always having a good attitude and uplifting because you never know how someone's day is going 3. Respecting all adults and staff



Adolescent Mental Health Status in ARIZONA



Poor Mental Health and COVID-19 Pandemic

Female and LGBQ+ adolescents are more likely to report poor mental health.



51% of female adolescents

&

22% of male adolescents report poor mental health in the past 30 days

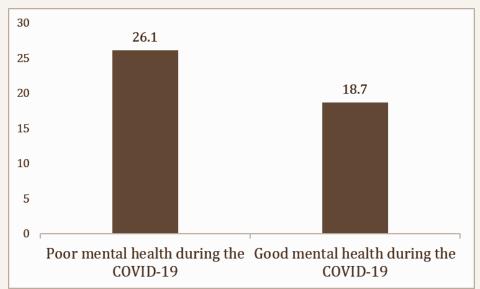


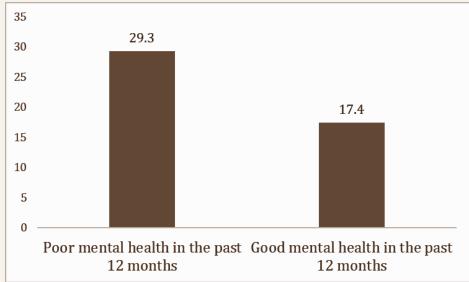
63% of LGBQ+ adolescents

&

26% of heterosexual adolescents report poor mental health in the past 30 days

Adolescents who reported poor mental health are more likely to miss school due to illness more than 4 days in the past year.

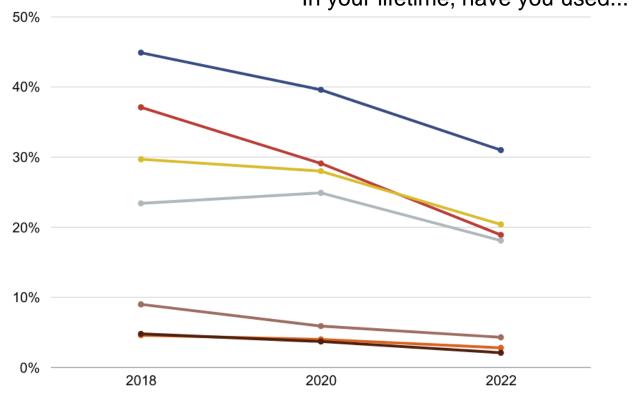




Arizona Youth Survey (AYS) 2018-2022:

Reported Substance Use

In your lifetime, have you used...

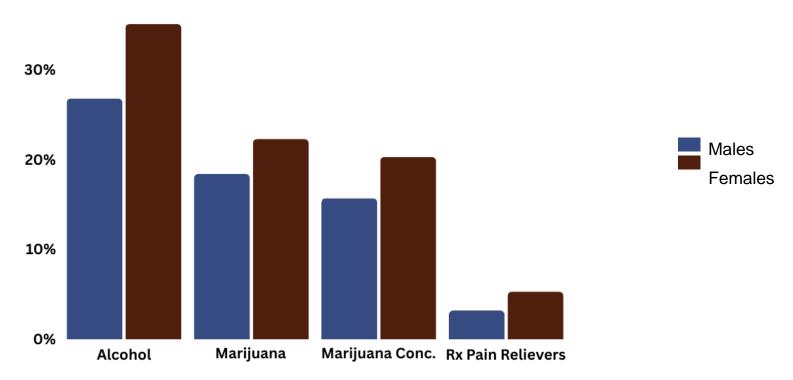


Alcohol
E-cigarettes
Marijuana
Marijuana Conc.
Rx Pain Relievers
Rx Stimulants
Rx Sedatives

AYS 2022:

Reported Substance Use & Gender

In your lifetime, have you used...



AYS 2022:

Reported Substance Use & Gender

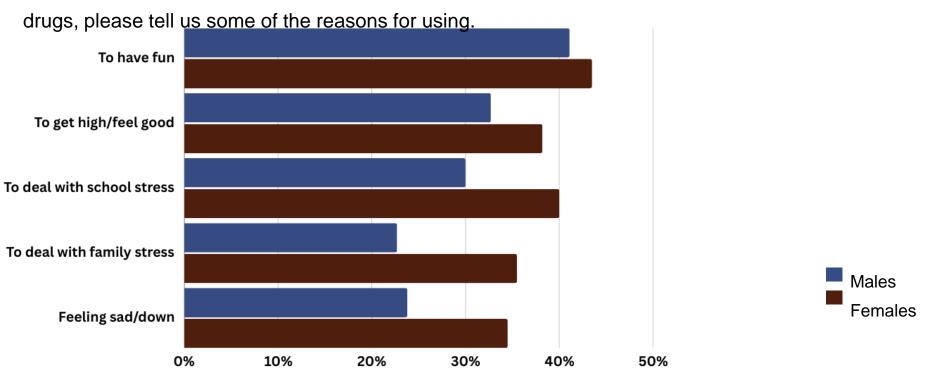
In the last 30 days, have you used... 12% 10% 8% 6% 4% 2% 0% **Binge Drinking** Poly Drug Use Rx Pain Relievers Marijuana



AYS 2022:

Reasons for Substance Use & Gender

During the past 30 days, if you used tobacco, alcohol, prescription drugs, marijuana, or other illegal



AYS 2018-2022:

Sources of Prescription Drugs

If you have ever used prescription drugs without a doctor telling you to use them, how did you get them?



Home (37.2%)

<u>Top 3 in 2018 & 2020</u>

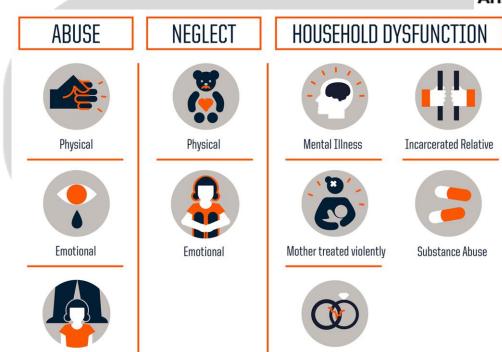
- Friends (25.6%/28.8%)
- 2 US doctor/pharmacy (30.6%) 2 Home (24.1%/23.6%)
- Family/relatives (24.7%)

3 Family/relatives (20.4%/18.8%)

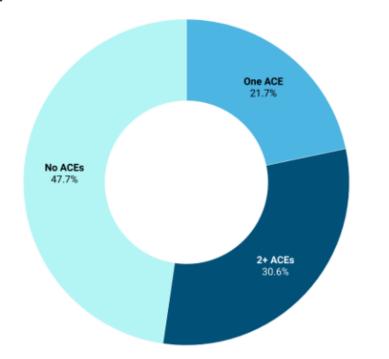
Adverse Childhood Experiences (ACES)

Divorce

Co-Occurences of ACEs in Adolescents (12-17 years), Arizona, 2019-2020



Sexual



Compared to those with no ACEs, a person with **four or more ACEs is** ...

37.5 times more likely to attempt suicide



4.7 times more likely to have depression



3.7 times more likely to have anxiety



Compared to those with no ACEs, a person with **four or more ACEs is** ...

10.2 times more likely to deal with problematic drug use



6.9 times more likely to abuse alcohol



7.5 times more likely to become a victim of violence



8.1 times more likely to become a violent perpetrator





Opportunities for Increasing Positive Childhood Experiences

- Adult mentors
- Family resilience
- Supportive friends
- School connectedness
- Bullying

86%

of Arizona adolescents have an adult mentor.



Adolescents from **lower educational households** and **non-Hispanic others** are less likely to have an adult mentor.



of Arizona adolescents feel safe at school.

38%

of Arizona adolescents participate in volunteer activities.

68%

of Arizona adolescents participate in afterschool activities.



Adolescents who are male and from non-Hispanic other ethnicities, and lower educational households are less likely participate in afterschool activities.



40% of Arizona adolescents have a caring adult.



44% of Arizona adolescents have a supportive friend.

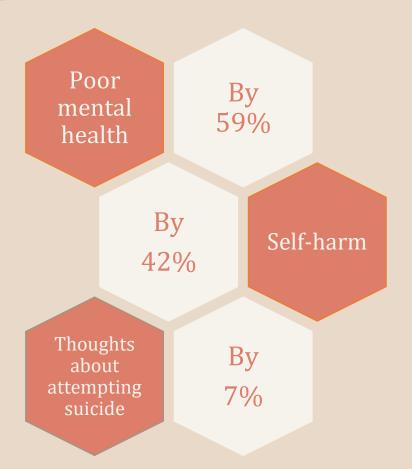


47% of Arizona adolescents feel connected to people at school.



Females, LGBQ+, and ethnic minority adolescents are less likely to have these support systems.

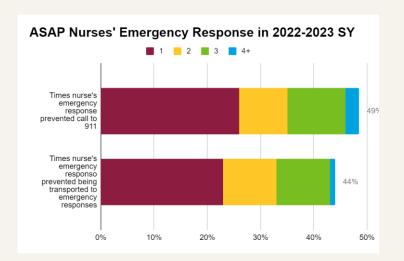
Feeling close to people at school can decrease

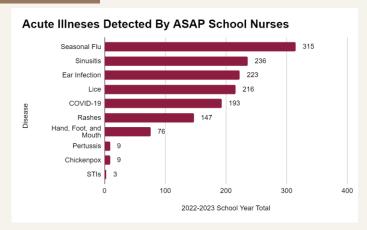


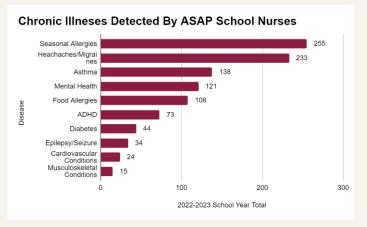


Ways School Nurses Increase Attendance

- School nurses can help identify acute illnesses to quickly bring care to the child and stop the illness from spreading and impacting more children.
- School nurses can also help identify and manage chronic illnesses **reducing time for appointments out of school.**
- School nurses can also prevent calls to 911, allowing students to return to class and reducing disruption.



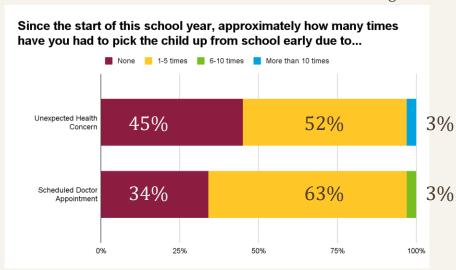




Nurses Value to the School Community

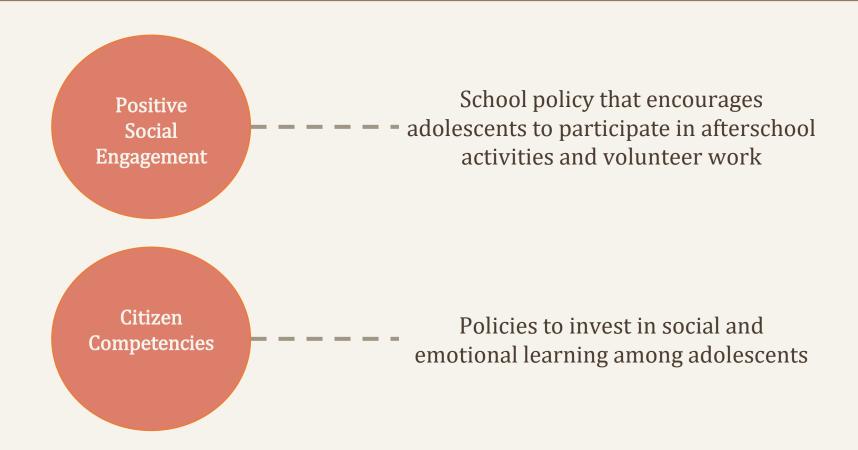
- Preliminary data indicates that more than half of caregivers have to pick up their child from school at least 1 time due to a scheduled doctor appointment or an unexpected health concern.
- 20% of caregivers spent more than 6 hours out of work, seeking to address an unexpected health concern of their child.
- In schools with a school nurse, 50%
 Administrators (N=19) and Teachers
 (N=32) spent less than 1 hour addressing student health issues in the classroom.

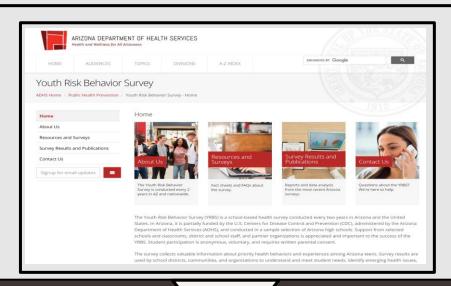
N = 20 Caregivers



*This is preliminary data from an ongoing data collection. Here 20 caregivers answered for 32 children.

Literature-Based Recommendations



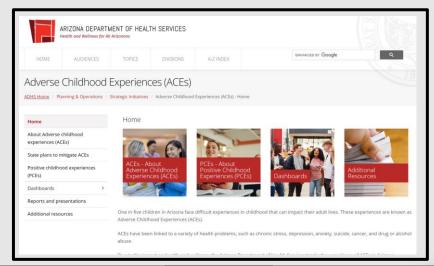


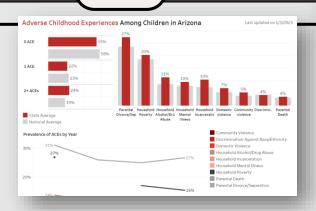






azdhs.gov/yrbs









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ADVERSE CHILDHOOD EXPERIENCES IN ARIZONA

A reporting brief using data from the US National Survey for Children's Health

May 2021





POSITIVE CHILDHOOD EXPERIENCES IN ARIZONA

A reporting brief using data from the U.S. National Survey for Children's Health

September 2022

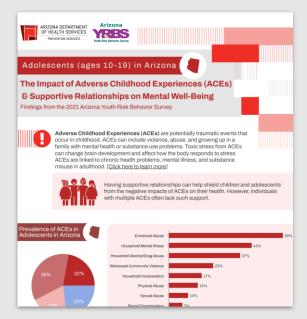












ACEs and Interpersonal Support Infographic





PCEs Infographic



Open Access Article

Supportive Relationships Mitigate the Effect of Cumulative Exposure to Adverse Childhood Experiences on Depression, Anxiety, Stress, and Suicide Considerations—The Arizona Youth Risk Behavior Survey

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Abstract

Declining adolescent mental health is a significant public health concern during the COVID-19 pandemic. Social distancing and stay-at-home orders have led to missed social connections with peers and adults outside households, and this has increased the risk of mental health problems in children and adolescents, particularly those with adverse childhood experiences (ACEs). Studies have shown that strong interpersonal support improves adolescent mental health. We examined the association between ACEs and poor mental health (including stress, anxiety, and depression) and how the presence of interpersonal support from caring adults and friends and school connectedness can mitigate this relationship among adolescents in Arizona. This study analyzed data from the 2021 Arizona Youth Risk Behavior Survey (YRBS; n = 1181), a population-based survey conducted biennially across the United States.



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