General Meeting
Arizona Parents Commission on Drug Education and Prevention

Wednesday, Jan. 9, 2019
10 AM - Noon
State Capitol Executive Tower
2nd Floor Conference Room
Arizona Youth Survey

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Arizona Criminal Justice Commission
Arizona Criminal Justice Commission

2018 Arizona Youth Survey Highlights
The Arizona Youth Survey (AYS)

Background
Arizona Youth Survey (AYS)

- The Arizona Youth Survey (AYS), mandated by A.R.S. §41-2416, is a biennial survey of 8th, 10th, and 12th grade students in all 15 counties in Arizona.
- The survey asks youth about their experiences with topics such as substance use, school safety, bullying, gang activity, and other problematic behaviors, as well as the risk and protective factors that influence the prevalence of these behaviors.
- The AYS is grounded in empirically driven and research-based theories of youth development, and provides a wealth of information that is used to improve the circumstances in which all Arizona youth live and learn.
- For years, the AYS has been utilized by a number of coalitions, non-profit agencies, government agencies, Regional Behavioral Health Authorities (RBHA), local school districts, and state universities in order to:
  - Identify the nature and extent of various problem behaviors;
  - Assess the performance of prevention and intervention efforts;
  - Guide program and policy decisions that affect prevention and intervention efforts;
  - Design and implement a new program and/or policy; and
  - Apply for competitive funding opportunities to solve a variety of problem behaviors.
Design of the Survey

- The AYS is administered by teachers or other administrators in each school. Staff at the Arizona Criminal Justice Commission (ACJC) have designed a quick, easy survey process for all schools involved.

- Important facts to note:
  - The survey is **anonymous**. No student-identifying information is collected for the survey.
  - Student participation is **completely voluntary**. Not only are parents/guardians able to decline approval for their student(s) to participate in the survey, but students are also given the ability to opt-out of completing the survey at any time in the process.
  - Participation in the AYS is **completely free** for schools. The ACJC provides all materials needed to distribute and return surveys for analysis.
  - The survey is available through **online or paper-pencil formats**, and takes about 45 minutes to complete.
  - Schools **select the specific day** in which the survey will be administered to their students.
  - In recognition of the valuable information provided by the AYS, the legislature has exempted it from state requirements mandating the use of active parental consent forms. Thus, the AYS uses **passive parental consent forms** which allow a parent to opt their student out of participating in the survey.
What kinds of questions are asked?

- The survey covers a variety of topics including:
  - Substance Use
  - Gang Involvement
  - Problematic Behaviors (Impaired Driving, Gambling, etc.)
  - School Experiences and Interactions
  - Bullying
  - Family / Household Interactions
  - Goal-Setting and Future Orientation
  - Risk and Protective Factors (RPFs)
  - Other Contextual Factors
AYS Data Highlights
## 2018 Arizona Youth Survey

48,708 students from 245 schools across Arizona

All 15 counties represented

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>AYS</th>
<th>NCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Indian</td>
<td>3.4%</td>
<td>4.6%</td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>3.1%</td>
<td>3.1%</td>
</tr>
<tr>
<td>Black</td>
<td>4.8%</td>
<td>5.6%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>46.6%</td>
<td>44.0%</td>
</tr>
<tr>
<td>Multi-Racial</td>
<td>4.6%</td>
<td>2.1%</td>
</tr>
<tr>
<td>White</td>
<td>37.6%</td>
<td>40.6%</td>
</tr>
</tbody>
</table>

2016 AYS: 57,170 students from 249 schools

2014 AYS: 48,244 students from 243 schools
Any Substance Use

30 Day and Lifetime
Any Substance Use – Statewide, 2014-2018

30 Day Use
- 2014: [VALUE] (5.5% increase)
- 2016: 31.39
- 2018: 35.16

Lifetime Use
- 2014: 54.62
- 2016: 53.75
- 2018: 58.02 (6.2% increase)
2018 County Use Compared to Statewide Average

- 30 Day Use
- Lifetime Use

Higher than Statewide Average
Lower than Statewide Average
2018 Past 30 Day Use

By Substance
State 30 Day Substance Use

*This question was not asked in 2014
**This question was not asked in 2014 or 2016
Key Past 30 Day Use – Statewide, 2014-2018

**This question was not asked in 2014 or 2016**
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cigarettes</td>
<td>9.6</td>
<td>7.4</td>
<td>4.7</td>
<td>-51% decrease</td>
</tr>
<tr>
<td>E-cigarettes*</td>
<td>0</td>
<td>13.1</td>
<td>19.9</td>
<td>51.9% increase</td>
</tr>
<tr>
<td>Alcohol</td>
<td>19.7</td>
<td>19.7</td>
<td>24.3</td>
<td>16.9% decrease</td>
</tr>
<tr>
<td>Marijuana</td>
<td>-13.9</td>
<td>11.8</td>
<td>15.7</td>
<td>12.9% increase</td>
</tr>
<tr>
<td>Marijuana Concentrates**</td>
<td>0</td>
<td>0</td>
<td>12.3</td>
<td></td>
</tr>
<tr>
<td>Prescription pain relievers</td>
<td>5</td>
<td>3.5</td>
<td>3</td>
<td>40% decrease</td>
</tr>
</tbody>
</table>

**This question was not asked in 2014 or 2016**
2018 Lifetime Use

By Substance
Key Lifetime Use – Statewide, 2014-2018

- Cigarettes: 23.9%
- E-cigarettes*: 20.9%
- Alcohol: 46.3%
- Marijuana: 27.4%
- Marijuana Concentrates**: 0%
- Prescription pain relievers: 10.8%

**This question was not asked in 2014 or 2016
Key Lifetime Use – Statewide, 2014-2018

- **Cigarettes**: 23.9% decrease
- **E-cigarettes**: 33% increase
- **Alcohol**: 8.8% increase
- **Marijuana**: 2.8% decrease
- **Marijuana Concentrates**: 16.7% decrease

**Note**: This question was not asked in 2014 or 2016.

*Lifetime* | *Lifetime* | *Lifetime* | *Lifetime* | *Lifetime* | *Lifetime*
2018 Top Substances

Counties Compared to Statewide Average
E-Cigarette Use – Counties Compared to Statewide, 2018

Past 30 Day

Lifetime

Higher than Statewide Average

Lower than Statewide Average
Marijuana Use – Counties Compared to Statewide, 2018

Past 30 Day

Lifetime

- Higher than Statewide Average
- Lower than Statewide Average
Marijuana Concentrate Use – Counties Compared to Statewide, 2018

Past 30 Day

Lifetime

Higher than Statewide Average
Lower than Statewide Average
Prescription Pain Reliever Use – Counties Compared to Statewide, 2018

Past 30 Day

Lifetime

Higher than Statewide Average

Lower than Statewide Average
Where Substances are Obtained
State Levels of Where Alcohol Obtained

*This question was not asked in 2014 or 2016
State Levels of Where Alcohol Obtained

- **Bought it at a restaurant**: 3.2% (2014), 4.4% (2016), 5.4% (2018)
- **Bought it at a store**: 6.7% (2014), 6.7% (2016), 8.3% (2018)
- **Bought it at public event**: 2.8% (2014), 8.6% (2016), 4.1% (2018)
- **Bought it from store/someone’s home**: 6.1% (2014), 6.3% (2016), 6.8% (2018)
- **Stole it from home**: 16.6% (2014), 18% (2016), 14.1% (2018)
- **Stole it from store**: 22.8% (2014), 21.6% (2016), 17.8% (2018)
- **My parents/guardian**: 13.3% (2014), 13.3% (2016), 13.3% (2018)
- **Gave someone money to buy it**: 20.7% (2014), 22.6% (2016), 19.9% (2018)
- **Relative over 21**: 31.7% (2014), 31.7% (2016), 29.2% (2018)
- **Non-related adult over 21**: 19.9% (2014), 19.9% (2016), 19.9% (2018)
- **Someone under 21**: 18.6% (2014), 17.7% (2016), 18.9% (2018)
- **At a party**: 0.0% (2014), 0.0% (2016), 2.0% (2018)
- **Over the internet**: 0.0% (2014), 0.0% (2016), 47.1% (2018)
- **Other way**: 0.0% (2014), 0.0% (2016), 14.9% (2018)

*This question was not asked in 2014 or 2016

- **68.8% increase**
- **46.4% increase**
- **69.9% increase**
- **28% increase**
<table>
<thead>
<tr>
<th>Source</th>
<th>2014</th>
<th>2016</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Someone with a medical marijuana card</td>
<td>14.7</td>
<td>16.7</td>
<td>24.8</td>
</tr>
<tr>
<td>Bought it from a dispensary in AZ*</td>
<td>0</td>
<td>0</td>
<td>10.6</td>
</tr>
<tr>
<td>Bought it from a dispensary outside AZ*</td>
<td>0</td>
<td>0</td>
<td>4.8</td>
</tr>
<tr>
<td>Family/relatives</td>
<td>14.3</td>
<td>12.8</td>
<td>17.6</td>
</tr>
<tr>
<td>Home</td>
<td>6</td>
<td>5.4</td>
<td>9.1</td>
</tr>
<tr>
<td>Friends</td>
<td>74.3</td>
<td>70.9</td>
<td>67.4</td>
</tr>
<tr>
<td>School</td>
<td>11.2</td>
<td>8.4</td>
<td>16.9</td>
</tr>
<tr>
<td>Parties</td>
<td>26.3</td>
<td>23.3</td>
<td>27.1</td>
</tr>
<tr>
<td>Over the Internet*</td>
<td>0</td>
<td>0</td>
<td>5.7</td>
</tr>
<tr>
<td>Other</td>
<td>22.6</td>
<td>25.1</td>
<td>22.6</td>
</tr>
</tbody>
</table>

*This question was not asked in 2014 or 2016
State Levels of Where Marijuana Obtained

*This question was not asked in 2014 or 2016

- **68.7% increase**
  - Someone with a medical marijuana card
  - Bought it from a dispensary in AZ*
- **51.7% increase**
  - Bought it from a dispensary outside AZ*
  - Family/relative
  - Home
- **50.9% increase**
  - Friends
- **51.7% increase**
  - School
  - Parties
  - Over the Internet*
  - Other

- **9.5% decrease**
  - 2014: 74.5%
  - 2016: 70.9%
  - 2018: 67.4%
Reasons for Using Substances
## Difference in 2016 vs 2018 Question Wording

### 2016 Instrument

104. If you used alcohol, tobacco, or other drugs in the past 30 days, please tell us about some of your reasons for using (Mark all that apply):

- To fit in with my friends
- To try something new or exciting
- To get back at my parents or to get my parent’s attention
- To help me lose weight
- To keep from feeling sad or down
- I was bored and needed something to do
- To get a high or to have a good feeling
- To help me feel normal
- To help me stay focused or think better
- To have fun
- To be like an actor or musician/band that I admire
- To feel more grown up or prove that I am grown up
- I needed it, craved it, or am addicted
- To deal with the stress in my life (Please mark all areas of stress that were related to your substance use below)
  - Parents/family
  - Peers/Friends (e.g., fighting with friends, getting bullied, dealing with rumors, etc.)
  - School
  - Community
  - Other

### 2018 Instrument

123. During the past 30 days, if you DID USE tobacco, alcohol, prescription drugs, marijuana, or other illegal drugs, please tell us about some of your reasons for using (Mark all that apply):

- Not applicable, I did not use in the past 30 days
- Try something new and exciting
- Have fun
- Bored and needed something to do
- Deal with the stress from my parents and family
- Deal with the stress from my peers and friends
- Deal with the stress from my school
- Deal with the stress from my community
- Needed it, craved it, or am addicted
- Stay focused or think better
- Get high or feel good
- Feel normal
- Feeling sad or down
- Lose weight
- Get back at my parents or get their attention
- Feel grown up or prove that I am grown up
- Be like someone famous
- Fit in with friends
- Other
Reasons for Not Using Substances
State Levels of Reasons for Not Using ATODs

- Not interested in drugs
- It can harm my body
- Parents would be disappointed
- Other adults would be disappointed
- Might get kicked out of school, sports...
- Friends would stop talking to me, of hanging out
- Would get a bad reputation
- Couldn't get it, wasn't offered
- Illegal/could get arrested
- Tried them and don't like them
- Other

*This question was not asked in 2014 or 2016
Perceived Risk of Substance Use
<table>
<thead>
<tr>
<th>Activity</th>
<th>2014</th>
<th>2016</th>
<th>2018</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smoked one or more packs of cigarettes per day</td>
<td>83.1</td>
<td>81.7</td>
<td>83.5</td>
<td></td>
</tr>
<tr>
<td>Take one or two drinks of an alcoholic beverage nearly every day</td>
<td>78.3</td>
<td>77.7</td>
<td>80.6</td>
<td></td>
</tr>
<tr>
<td>Have five or more drinks of an alcoholic beverage in a row once or twice a week</td>
<td>80.4</td>
<td>79.1</td>
<td>82.9</td>
<td></td>
</tr>
<tr>
<td>Use prescription drugs without a doctor telling them to take them</td>
<td>33.5</td>
<td>31.8</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Try marijuana once or twice</td>
<td>52.5</td>
<td>48.3</td>
<td>52.9</td>
<td>2014 - 2018 questions not asked.</td>
</tr>
<tr>
<td>Smoke marijuana regularly (once or twice a week)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Use illegal drugs besides marijuana*</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

*This question was not asked in 2014 or 2016
Delinquency and Problem Behaviors
State Levels of Delinquency and Problem Behaviors

*This question was not asked in 2014 or 2016
Ride in a car or vehicle driven by someone who had been drinking alcohol
Ride in a car or vehicle driven by someone who had been using marijuana
Drive a car or vehicle when you have been drinking alcohol
Drive a car or vehicle when you have been using marijuana
Drive a car or vehicle while texting or talking on your phone

State Levels of Dangerous Driving

2014 • 2016 • 2018
Key Findings

• Overall use of substances is up, including both 30 day and lifetime
  • This is largely being driven by increases in e-cigarette and marijuana use
  • Use of all other substances is down
• Students report perceiving marijuana to be the least risky of all ATODs
• Dangerous driving behaviors are down
• There is still work to be done at the county level, especially in regards to cigarette and prescription pain reliever use
How Can I Access AYS Data?
The Arizona Youth Survey sample encompasses all 15 Arizona counties. From the collected data, individual county results are published in separate reports. To access a 2018 county report, click on the county from the list. Click here to view other SAC publications, including publications on the Arizona Youth Survey. If you would like your school to participate in the 2020 Arizona Youth Survey please fill out the school information form and send it to our office.

If you would like to receive an individualized data request, please fill out the Data Request Form and send it to our office.

If you would like a member of the Statistical Analysis Center staff to present AYS data to your group, school, or organization, please fill out the Presentation Request Form and send it to our office.

For additional information regarding the Arizona Youth Survey please contact 602-364-1157 or AYS@azcjc.gov.

2018 County Profile Reports

Apache Cochise Coconino Gila Graham Greenlee La Paz Maricopa
Mohave Navajo Pima Pinal Santa Cruz Yavapai Yuma

2018 Arizona Youth Survey Documents

Teacher Instructions Envelope Class Summary School Survey Coordination Protocol Parent Letter & Permission Slip
AYS PowerPoint Information FAQs about Validity FAQs about AYS AYS Recruitment Video

Reports & Presentations

2018 Arizona Youth Survey State Report 2018 Arizona Youth Survey Instrument
2016 Arizona Youth Survey State Report 2014 Arizona Youth Survey Instrument
Arizona Youth Survey

The AYS is a biennial survey of 8th, 10th, and 12th grade students enrolled in publicly-funded schools in Arizona. The survey contains questions about risk and protective factors, drug use, and delinquency among other topics. This survey and the data it produces provide policymakers and practitioners with the information needed to engage in data-driven decision making.

PLEASE NOTE:
Due to changes in analytical methods, we caution the comparison of 2016 data to data obtained from AYS reports published in 2014 and prior. Data available in the CDP has been updated to reflect the changes in methodology.

Please select from the following list of topics:

- Drug Use Indicators
  - 30 Day Drug Use
  - Lifetime Drug Use
  - Obtained/Offered Substances
  - Age of Initiation

- Contextual Indicators
  - Risk Factor Scales
  - Protective Factor Scales
  - Parental Disapproval of Drug Use

- Other Indicators
  - Victimization Categories
  - Drinking and Driving Data
  - Other Deviant Behavior Data

NOTE: Primary Care Area data available in tan-highlighted indicators.
Thank you!

• For more information on the Arizona Youth Survey, please contact:

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  [www.azcjc.gov](http://www.azcjc.gov)

  Our mission is to continuously address, improve, sustain and enhance public safety in the State of Arizona through the coordination, cohesiveness, and effectiveness of the Criminal Justice System

Or AYS@azcjc.gov

[http://azcjc.gov/content/arizona-youth-survey](http://azcjc.gov/content/arizona-youth-survey)