# 2019 Nevada High School Youth Risk Behavior Survey (YRBS) 

Adverse Childhood Experiences (ACEs) Special Report

## $\mathbb{N}$

School of Community Health Sciences

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## Additional Resources

UNR YRBS Statewide and Special Reports
YRBS Adolescent and School Health

## State of Nevada, Division of Public and Behavioral Health

Julia Peek, MHA, CPM

Deputy Administrator, Community Services

## University of Nevada, Reno School of Community Health Sciences <br> Nevada Center for Surveys, Evaluation, and Statistics

Wei Yang, PhD
Professor and YRBS Principal Investigator
Kristen Clements-Nolle, PhD, MPH
Professor and YRBS Co-Principal Investigator
Crystal Maxson
YRBS Intern
Taylor Lensch, MPH
PhD Graduate Student and YRBS Coordinator
Meg Diedrick, BS
MPH Graduate Student and YRBS Coordinator
Fannie Zhang, PhD, MS
YRBS Biostatistician

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## Introduction

Priority health risk behaviors (i.e. preventable behaviors that contribute to the leading causes of morbidity and mortality) are often established during childhood and adolescence and extend into adulthood. Ongoing surveillance of youth risk behaviors is critical for the design, implementation, and evaluation of public health interventions to improve adolescent health. The Youth Risk Behavior Survey (YRBS) is a national surveillance system that was established in 1991 by the Centers for Disease Control and Prevention (CDC) to monitor the prevalence of health risk behaviors among youth. The Nevada High School YRBS is a biennial, anonymous, and voluntary survey of students in $9^{\text {th }}$ through $12^{\text {th }}$ grade in regular public, charter, and alternative schools. This special report compares the 2019 Nevada YRBS prevalence estimates of behavioral health outcomes for students with different levels of exposure to adverse childhood experiences (ACEs).

## Methods

The 2019 Nevada YRBS sampling plan was designed to ensure that every eligible student in regular public, charter, and alternative high schools had an equal chance of selection. For the 2019 High School YRBS, a random sample of 4,980 youth from 99 schools completed the survey. Please see the 2019 Nevada High School Youth Risk Behavior report for detailed information on the random cluster sampling design used.

The 2019 Nevada YRBS data were weighted at the state and regional level based on the sex, race/ethnicity, and grade level of students in each region. The weighting process ensured that the estimates accurately represent the entire student population in each region and the state as a whole. Non-response or poor sampling procedures can result in a sample that is not a representative subset of the population; therefore, unweighted results from these samples may not accurately reflect student behaviors and could be misleading. This report only displays weighted results.
In the 2019 Nevada High School YRBS, one CDC core measure and five state-added questions assessed lifetime prevalence of ACEs: 1) physical abuse by an adult; 2) verbal abuse by an adult; 3) forced sex; 4) household domestic violence; 5) household mental illness; and 6) household substance abuse (please see the 2019 Nevada Youth Risk Behavior reports for more information). The ACE questions were summed to create a total ACE score (range 0-6). ACE scores were only calculated for youth who answered at least one ACE question ( $n=4,939$ ). The weighted chi-square test was used to assess differences in risk behaviors by ACE score (0 ACE, 1 ACE, 2 ACE, or 3+ ACE). The Cochran-Armitage test for trend was used to assess the relationship between ACEs and risk behaviors.

This report focuses on the relationship between ACE exposure and important violence and victimization, emotional health, substance use, and sexual health outcomes. Weighted prevalence estimates are displayed in bar charts for each outcome. Indicators for which any prevalence estimates exceed $25 \%$ are displayed on charts with a vertical axis ranging from 0 to $100 \%$; indicators for which no prevalence estimates exceed $25 \%$ are displayed on charts with a vertical axis ranging from 0 to $50 \%$. Lines on the bars represent $95 \%$ confidence intervals. Corresponding p-values are also included for every comparison.

## Participant Characteristics

Table 1: Demographic characteristics of students* - Nevada, Youth Risk Behavior Survey, 2019

|  |  | Students ${ }^{\text {a }}$ | Unweighted \% | Weighted \% |
| :---: | :---: | :---: | :---: | :---: |
| Total |  | 4939 | 100.0\% | 100.0\% |
| Sex | Female | 2594 | 52.8\% | 49.0\% |
|  | Male | 2316 | 47.2\% | 51.0\% |
| Age Groups | 14 years old or younger | 662 | 13.4\% | 13.1\% |
|  | 15 years old | 1271 | 25.8\% | 24.9\% |
|  | 16 years old | 1309 | 26.5\% | 26.2\% |
|  | 17 years old | 1142 | 23.2\% | 23.6\% |
|  | 18 years old or older | 549 | 11.1\% | 12.1\% |
| Grade | 9th grade | 1310 | 26.6\% | 26.0\% |
|  | 10th grade | 1329 | 27.0\% | 25.8\% |
|  | 11th grade | 1253 | 25.4\% | 25.0\% |
|  | 12th grade | 1010 | 20.5\% | 23.0\% |
|  | Ungraded or other grade | 23 | 0.5\% | 0.2\% |
| Race/Ethnicity | American Indian/Alaska Native ${ }^{\text {d }}$ | 93 | 1.9\% | 0.9\% |
|  | Asian ${ }^{\text {d }}$ | 257 | 5.3\% | 6.7\% |
|  | Black ${ }^{\text {d }}$ | 236 | 4.9\% | 10.3\% |
|  | Native Hawaiian/Pacific Islander ${ }^{\text {d }}$ | 89 | 1.8\% | 1.5\% |
|  | White ${ }^{\text {d }}$ | 1897 | 39.2\% | 32.1\% |
|  | Hispanic/Latino | 1966 | 40.8\% | 42.8\% |
|  | Other/Multiple ${ }^{\text {d }}$ | 286 | 5.9\% | 5.7\% |
| Region | Rural/Frontier | 1678 | 34.0\% | 9.3\% |
|  | Urban | 3261 | 66.0\% | 90.7\% |

a The sample size in the total and subgroups may differ due to missing data
${ }^{\text {b }}$ Non-Hispanic
*Note: Youth missing all ACE data were excluded. Prevalence estimates differ slightly from statewide report.

## Prevalence of Individual Adverse Childhood Experiences (ACEs) and ACE Score

Table 2: Prevalence of individual ACE questions and ACE score* - Nevada, Youth Risk Behavior Survey, 2019

|  |  | N | \% ${ }^{\text {a }}$ |
| :---: | :---: | :---: | :---: |
| Total |  | 4939 | 100\% |
| Ever physically forced to have sex |  |  |  |
|  | Yes | 363 | 6.2\% |
|  | No | 4488 | 93.8\% |
| Ever an ad | kicke |  |  |
|  | Yes | 941 | 18.7\% |
|  | No | 3930 | 81.3\% |
| Some or put | alwa It |  |  |
|  | Yes | 1677 | 34.5\% |
|  | No | 3243 | 65.5\% |
| Ever each | eir ho |  |  |
|  | Yes | 892 | 18.2\% |
|  | No | 3988 | 81.8\% |
| Ever suicid | ne wh |  |  |
|  | Yes | 1502 | 30.5\% |
|  | No | 3200 | 69.5\% |
| Ever or ab | ne wh escrip |  |  |
|  | Yes | 1636 | 33.3\% |
|  | No | 3058 | 66.7\% |
| ACE S |  |  |  |
|  | 0 | 1765 | 35.9\% |
|  | 1 | 1233 | 26.1\% |
|  | 2 | 858 | 17.2\% |
|  | 3+ | 1083 | 20.8\% |

[^0]Table 3: Participant characteristics*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

|  |  | 0 ACE |  | 1 ACE |  | 2 ACE |  | 3+ ACE |  | P -Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\mathrm{N}^{\text {a }}$ | \% ${ }^{\text {b }}$ | $\mathrm{N}^{\text {a }}$ | \% ${ }^{\text {b }}$ | $\mathrm{N}^{\mathrm{a}}$ | \% ${ }^{\text {b }}$ | $\mathrm{N}^{\text {a }}$ | \% ${ }^{\text {b }}$ |  |
| Overall Total | Total | 1765 | 35.9\% | 1233 | 26.1\% | 858 | 17.2\% | 1083 | 20.8\% |  |
| Sex | Female | 806 | 31.5\% | 648 | 25.0\% | 482 | 19.0\% | 658 | 24.5\% | <0.0001 |
|  | Male | 952 | 40.1\% | 577 | 27.3\% | 368 | 15.4\% | 419 | 17.2\% |  |
| Age | 14 years old or younger | 250 | 39.9\% | 171 | 26.0\% | 111 | 16.7\% | 130 | 17.5\% | 0.0871 |
|  | 15 years old | 464 | 36.2\% | 316 | 26.3\% | 231 | 18.2\% | 260 | 19.3\% |  |
|  | 16 years old | 476 | 36.0\% | 339 | 25.7\% | 210 | 16.0\% | 284 | 22.3\% |  |
|  | 17 years old | 393 | 35.0\% | 262 | 23.2\% | 211 | 19.0\% | 276 | 22.8\% |  |
|  | 18 years old or older | 181 | 32.8\% | 144 | 32.6\% | 94 | 14.7\% | 130 | 19.9\% |  |
| Grade | 9th grade | 487 | 38.1\% | 332 | 26.3\% | 209 | 15.8\% | 282 | 19.8\% | 0.0604 |
|  | 10th grade | 498 | 37.9\% | 337 | 26.3\% | 247 | 18.5\% | 247 | 17.3\% |  |
|  | 11th grade | 443 | 34.1\% | 295 | 23.9\% | 221 | 18.3\% | 294 | 23.7\% |  |
|  | 12th grade | 322 | 33.1\% | 259 | 27.9\% | 174 | 16.2\% | 255 | 22.8\% |  |
| Race/Ethnicity | American Indian/Alaska Native ${ }^{\text {d }}$ | 33 | 45.1\% | 12 | 6.0\% | 29 | 30.1\% | 19 | 18.8\% | 0.0008 |
|  | Asian ${ }^{\text {d }}$ | 110 | 42.0\% | 60 | 24.6\% | 50 | 19.6\% | 37 | 13.9\% |  |
|  | Black ${ }^{\text {d }}$ | 87 | 36.0\% | 68 | 31.0\% | 37 | 15.0\% | 44 | 18.0\% |  |
|  | Native Hawaiian/Pacific Islander ${ }^{\text {d }}$ | 25 | 29.2\% | 19 | 22.2\% | 17 | 17.1\% | 28 | 31.4\% |  |
|  | White ${ }^{\text {d }}$ | 689 | 37.6\% | 442 | 23.6\% | 305 | 16.3\% | 461 | 22.5\% |  |
|  | Hispanic/Latino | 710 | 35.2\% | 529 | 27.4\% | 339 | 17.5\% | 388 | 19.9\% |  |
|  | Other/Multiple ${ }^{\text {d }}$ | 70 | 24.1\% | 72 | 27.8\% | 57 | 19.0\% | 87 | 29.1\% |  |
| Region | Urban | 1167 | 35.8\% | 826 | 26.3\% | 579 | 17.4\% | 677 | 20.5\% | 0.0384 |
|  | Rural/Frontier | 583 | 36.6\% | 397 | 23.6\% | 272 | 15.3\% | 401 | 24.3\% |  |
| Qualify for Free or Reduced Lunch | Yes | 544 | 31.1\% | 470 | 27.7\% | 336 | 18.3\% | 467 | 22.9\% | <0.0001 |
|  | No | 1193 | 39.4\% | 748 | 25.0\% | 507 | 16.4\% | 602 | 19.2\% |  |
| Military Family | Yes | 68 | 30.2\% | 52 | 24.3\% | 37 | 15.5\% | 79 | 30.0\% | 0.0721 |
|  | No | 1675 | 36.2\% | 1164 | 26.3\% | 804 | 17.2\% | 994 | 20.3\% |  |
| Mostly A's or B's in School | Yes | 1217 | 36.4\% | 838 | 26.9\% | 568 | 17.5\% | 663 | 19.3\% | 0.0003 |
|  | No | 396 | 31.9\% | 316 | 24.4\% | 234 | 17.2\% | 372 | 26.5\% |  |

[^1]Table 4: Sexual identity and gender identity*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

|  |  | 0 ACE |  | 1 ACE |  | 2 ACE |  | 3+ ACE |  | P -Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\mathrm{N}^{\text {a }}$ | \% ${ }^{\text {b }}$ | $\mathrm{N}^{\text {a }}$ | \% ${ }^{\text {b }}$ | $\mathrm{N}^{\text {a }}$ | \% ${ }^{\text {b }}$ | $\mathrm{N}^{\text {a }}$ | \% ${ }^{\text {b }}$ |  |
| Overall Total | Total | 1765 | 35.9\% | 1233 | 26.1\% | 858 | 17.2\% | 1083 | 20.8\% |  |
| Sexual Identity | Lesbian, Gay, Bisexual | 115 | 18.7\% | 149 | 25.3\% | 137 | 17.2\% | 272 | 38.9\% | <. 0001 |
|  | Not Sure | 60 | 27.7\% | 61 | 29.0\% | 39 | 18.0\% | 64 | 25.3\% |  |
|  | Heterosexual | 1520 | 39.0\% | 985 | 26.2\% | 650 | 17.2\% | 728 | 17.7\% |  |
| Gender Identity | Transgender | 15 | 25.8\% | 22 | 26.6\% | 18 | 11.5\% | 32 | 36.1\% | 0.0060 |
|  | Not Sure | 9 | 15.4\% | 17 | 29.7\% | 18 | 21.7\% | 30 | 33.2\% |  |
|  | Cisgender | 1640 | 36.1\% | 1130 | 26.0\% | 771 | 17.2\% | 984 | 20.7\% |  |

[^2]
## Select Behavioral Health Outcomes by ACE Score Violence and Victimization

Figure 1: Percentage of high school students who carried a gun during the 12 months before the survey*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 | $p<0.0001$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 |  |  |  |  |
| 20 |  |  |  |  |
| 15 |  |  |  | $\begin{gathered} 8.9 \\ (6.6-11.2) \end{gathered}$ |
| 10 | 3.2 | $\begin{gathered} 5.3 \\ (3.6-7.0) \end{gathered}$ | $\begin{gathered} 5.3 \\ (3.6-7.0) \end{gathered}$ |  |
| 5 | $(1.9-4.5)$ | T | T |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Does not include hunting or carrying a gun for sport, such as target shooting

Figure 2: Percentage of high school students who were threatened or injured by someone with a weapon on school property during the 12 months before the survey*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 | $p<0.0001$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 |  |  |  |  |
| 20 |  |  |  | 12.7 |
| 15 | $\begin{gathered} 4.1 \\ (2.9-5.3) \end{gathered}$ | 5.8 | (6.2-12.0) | ${ }_{\text {T }}$ |
| 10 |  | (3.9-7.7) | I |  |
| 5 | I | - |  |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Such as a gun, knife, or club

Figure 3: Percentage of high school students who were in a physical fight on school property during the 12 months before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 | p < 0.0001 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 (155 |  |  |  |  |
| 20 |  |  | 11.7 | (12.3-18.7) |
| 15 | $\begin{gathered} 7.1 \\ (5.5-8.7) \end{gathered}$ | $\begin{gathered} 8.2 \\ (5.7-10.7) \end{gathered}$ | (9.0-14.4) |  |
| 10 |  | T |  |  |
| 5 |  |  |  |  |
|  | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

Figure 4: Percentage of high school students who were bullied on school property during the 12 months before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


Figure 5: Percentage of high school students who were electronically bullied during the 12 months before the survey*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 |  | $p<0.0001$ |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  | $\begin{gathered} 22.1 \\ (18.8-25.4) \end{gathered}$ |
| \% 25 T |  |  |  |  |
| 20 |  |  | (11.2-17.2) |  |
| 15 |  | $\begin{gathered} 9.2 \\ (7.1-11.3) \end{gathered}$ | [ |  |
| 10 | $\begin{gathered} 4.1 \\ (2.9-5.3) \end{gathered}$ | T |  |  |
| 5 |  |  |  |  |
|  | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Including being bullied through texting, Instagram, Facebook, or other social media

Figure 6: Percentage of high school students who did not go to school because they felt unsafe at school or on their way to or from school during the 30 days before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 | $p<0.0001$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 |  |  | $\begin{gathered} 17.4 \\ (13.7-21.1) \end{gathered}$ | $\begin{gathered} 18.6 \\ (15.7-21.5) \end{gathered}$ |
| 20 - ${ }^{\text {a }}$ |  |  |  |  |
| 15 | $\begin{gathered} 9.5 \\ (7.7-11.3) \end{gathered}$ | (8.6-13.2) |  |  |
| 10 T |  |  |  |  |
| 5 |  |  |  |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

Figure 7: Percentage of high school students who experienced physical dating violence during the 12 months before the survey*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 |  | $p<0.0001$ |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 (15.2 15 |  |  |  |  |
| 20 |  |  |  | (11.7-18.7) |
| 15 |  |  | $\begin{gathered} 10 \\ (6.8-13.2) \end{gathered}$ |  |
| 10 | 2.3 | 3.6 |  |  |
| 5 | (1.1-3.5) | $(2.1-5.1)$ |  |  |
| 0 | - |  |  |  |
|  | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Including being hit, slammed into something, or injured with an object or weapon on purpose by someone they were dating or going out with; among students who dated or went out with someone during the 12 months before the survey

Figure 8: Percentage of high school students who experienced sexual dating violence during the 12 months before the survey*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Including kissing, touching, or being physically forced to have sexual intercourse when they did not want to by someone they were dating or going out with; among students who dated or went out with someone during the 12 months before the survey

## Emotional Health

Figure 9: Percentage of high school students who felt sad or hopeless almost every day for two or more weeks in a row during the 12 months before the survey*, by ACE score Nevada, Youth Risk Behavior Survey, 2019

*So that they stopped doing some usual activities

Figure 10: Percentage of high school students who seriously considered attempting suicide during the 12 months before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


Figure 11: Percentage of high school students who made a plan about how they would attempt suicide during 12 months before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 100 |  | $p<0.0001$ |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 90 |  |  |  |  |
| 80 |  |  |  |  |
| 70 |  |  |  |  |
| 60 |  |  |  |  |
| 50 |  |  |  | 33.7 |
| 40 |  |  |  | $(30.0-37.4)$ |
| 30 |  |  | 16 |  |
| 20 | 6.6 | $\begin{gathered} 11.7 \\ (9.5-13.9) \end{gathered}$ | (12.8-19.2) |  |
| 10 | (4.7-8.5) | I |  |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

Figure 12: Percentage of high school students who attempted suicide during the 12 months before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


Figure 13: Percentage of high school students whose suicide attempt resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse during the 12 months before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 |  | p < 0.0001 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 |  |  |  |  |
| 20 |  |  |  |  |
| 15 |  |  |  |  |
| 10 |  |  | 3.4 | $\begin{gathered} 5.8 \\ (4.0-7.6) \end{gathered}$ |
| 5 | $\begin{gathered} 1.5 \\ (0.7-2.3) \end{gathered}$ | $\begin{gathered} 1.6 \\ (0.6-2.6) \end{gathered}$ | (1.8-5.0) | T |
| 0 | I | I |  |  |
|  | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

Figure 14: Percentage of high school students who did something to purposely hurt themselves without wanting to die, such as cutting or burning themselves on purpose during the 12 months before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


Figure 15: Percentage of high school students who never/rarely got the kind of help they need when they felt sad, empty, hopeless, angry, or anxious*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Among those who feel sad, empty, hopeless, angry, or anxious

## Tobacco Use

Figure 16: Percentage of high school students who ever smoked cigarettes*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Even one or two puffs

Figure 17: Percentage of high school students who smoked cigarettes for the first time before age 13 years*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 |  | p < 0.0001 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 |  |  |  |  |
| 20 |  |  |  | $\begin{gathered} 12.3 \\ (8.4-16.2) \end{gathered}$ |
| 15 |  |  | 7.6 |  |
|  |  | 5.1 | (5.3-9.9) |  |
| 5 | $\begin{gathered} 3.0 \\ (2.0-4.0) \end{gathered}$ | (3.5-6.7) | - |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

[^3]Figure 18: Percentage of high school students who smoked cigarettes during the 30 days before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


Figure 19: Percentage of high school students who used smokeless tobacco during the 30 days before the survey*, by ACE score — Nevada, Youth Risk Behavior Survey, 2019

| 50 |  | p < 0.0001 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 |  |  |  |  |
| 20 |  |  |  |  |
| 15 |  |  |  | 7.1 |
| 10 |  | 3.2 |  | (5.1-9.1) |
| 5 | $\begin{gathered} 1.6 \\ (0.9-2.3) \end{gathered}$ | $(1.8-4.6)$ | $\overbrace{\text { T }}^{\text {(2.4-6.4) }}$ |  |
| 0 | I |  |  |  |
|  | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Chewing tobacco, snuff, dip, snus, or dissolvable tobacco products such as Copenhagen, Grizzly, Skoal, or Camel Snus

## Electronic Vapor Product Use

Figure 20: Percentage of high school students who ever used electronic vapor products*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens, and mods such as JUUL, Vuse, MarkTen, and blu

Figure 21: Percentage of high school students who tried electronic vapor products for the first time before age 13 years*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens, and mods such as JUUL, Vuse, MarkTen, and blu

Figure 22: Percentage of high school students who used electronic vapor products during the 30 days before the survey*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 100 | p < 0.0001 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 90 |  |  |  |  |
| 80 |  |  |  |  |
| 70 |  |  |  |  |
| 60 |  |  |  |  |
| $\begin{array}{rr}\% & 50 \\ & 4 \\ & 30 \\ & 20 \\ & 10\end{array}$ |  |  |  | $\begin{gathered} 38.7 \\ (34.7-42.7) \end{gathered}$ |
|  |  |  | 27.1 | T |
|  |  | $\begin{gathered} 20.7 \\ (17.5-23.9) \end{gathered}$ | (34.7-42.7) |  |
|  | (10.7-14.5) | I |  |  |
|  | I |  |  |  |
|  | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens, and mods such as JUUL, Vuse, MarkTen, and blu

## Alcohol Use

Figure 23: Percentage of high school students who ever drank alcohol*, by ACE score Nevada, Youth Risk Behavior Survey, 2019


* Not including for religious purposes

Figure 24: Percentage of high school students who drank alcohol for the first time before age 13 years*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 100 | $p<0.0001$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 90 |  |  |  |  |
| 80 |  |  |  |  |
| 70 |  |  |  |  |
| 60 |  |  |  |  |
| 50 |  |  |  |  |
| 40 |  |  |  | $\begin{gathered} 30.5 \\ (27.2-33.8) \end{gathered}$ |
| 30 |  | 16.1 | $\begin{gathered} 20 \\ (16.5-23.5) \end{gathered}$ | T |
| 20 | 8.6 | (12.8-19.4) | T |  |
| 10 (6.7-1 |  |  |  |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Other than a few sips

Figure 25: Percentage of high school students who had at least one drink of alcohol during the 30 days before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 100 | p < 0.0001 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 90 |  |  |  |  |
| 80 |  |  |  |  |
| 70 |  |  |  |  |
| 60 |  |  |  |  |
| \% 50 | 50 |  |  | $\begin{gathered} 41.7 \\ (37.9-45.5) \end{gathered}$ |
| 40 |  |  | 26.6 |  |
| 30 |  | $\begin{gathered} 22.3 \\ (19.2-25.4) \end{gathered}$ | $\begin{gathered} (22.9-30.3) \\ T \end{gathered}$ |  |
| 20 | (11.7-16.3) | I |  |  |
| 10 |  |  |  |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

Figure 26: Percentage of high school students who participated in binge drinking during the 30 days before the survey*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Had five or more drinks in a row for males or four or more drinks for females within a couple of hours

Figure 27: Percentage of high school students who rode in a car or other vehicle during the 30 days before the survey driven by someone who had been drinking alcohol, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


Figure 28: Percentage of high school students who drove in a car or other vehicle during the 30 days before the survey when they had been drinking alcohol, by ACE score* Nevada, Youth Risk Behavior Survey, 2019
$\left.\begin{array}{|cccc|}\hline 50 & & p=0.0062 & \\ 45 & & & \\ 40 & & & \\ 35 & & & \\ 30 & & & 4.3 \\ \% & & (2.0-6.6) & (3.6-8.4) \\ 25 & & & T\end{array}\right]$
*Among students who drove a car or other vehicle

## Marijuana Use

Figure 29: Percentage of high school students who ever used marijuana*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Also called "pot", "weed", or "cannabis"

Figure 30: Percentage of high school students who tried marijuana for the first time before age 13 years*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Also called "pot", "weed", or "cannabis"

Figure 31: Percentage of high school students who used marijuana during the 30 days before the survey*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Also called "pot", "weed", or "cannabis"

Figure 32: Percentage of high school students who rode in a car or other vehicle during 30 days before the survey driven by someone who had been using marijuana*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 100 |  |  | p < 0.0 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 90 |  |  |  |  |  |
| 80 |  |  |  |  |  |
| 70 |  |  |  |  |  |
| 60 |  |  |  |  |  |
| \% | 50 |  |  |  | 32.1 |
|  | 40 |  |  |  | (28.2-36.0) |
|  | 30 |  | 15.3 | $\begin{gathered} 21 \\ (17.9-24.1) \end{gathered}$ | T |
|  | 20 | $\begin{gathered} 11 \\ (8.8-13.2) \end{gathered}$ | (12.7-17.9) | T |  |
|  | 10 | I |  |  |  |
|  | 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Also called "pot", "weed", or "cannabis"

Figure 33: Percentage of high school students who drove a car or other vehicle during the 30 days before the survey when they had been using marijuana*, by ACE score Nevada, Youth Risk Behavior Survey, 2019

*Among students who drove a car or other vehicle; also called "pot", "weed", or "cannabis"

## Other Substance Use

Figure 34: Percentage of high school students who ever used cocaine*, by ACE score Nevada, Youth Risk Behavior Survey, 2019

*Used any form of cocaine (e.g., powder, crack, or freebase)

Figure 35: Percentage of high school students who ever used heroin*, by ACE score Nevada, Youth Risk Behavior Survey, 2019

| 50 |  | p < 0.0001 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 |  |  |  |  |
| 20 |  |  |  |  |
| 15 |  |  |  |  |
|  | 1.3 | 1.9 | 3.1 | $\begin{gathered} 4.5 \\ (2.6-6.4) \end{gathered}$ |
| 10 5 | (0.6-1.3) | (0.9-2.9) | (1.3-4.9) | ${ }_{\text {T }}$ |
|  | I | I |  |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Used heroin (also called "smack," "junk," or "China white")

Figure 36: Percentage of high school students who ever used methamphetamines*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 |  | p<0.0001 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| \% ${ }^{30}$ |  |  |  |  |
| 25 |  |  |  |  |
| 20 |  |  |  |  |
| 15 |  |  |  |  |
| 10 |  | 2.6 | $\begin{gathered} 4.3 \\ (2.6-6.0) \end{gathered}$ | $\begin{gathered} 4.7 \\ (3.1-6.3) \end{gathered}$ |
| 5 | $\begin{gathered} 1.1 \\ (0.4-1.8) \end{gathered}$ | (1.4-3.8) | T | T |
|  | I |  |  |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Used methamphetamines (also called "speed", "crystal meth", "crank", "ice", or "meth")

Figure 37: Percentage of high school students who used ecstasy*, by ACE score Nevada, Youth Risk Behavior Survey, 2019

*Used ecstasy (also called "MDMA")

Figure 38: Percentage of high school students who ever used synthetic marijuana*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


Figure 39: Percentage of high school students who ever took prescription pain medicine without a doctor's prescription or differently than prescribed*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Took prescription pain medicine (e.g., codeine, Vicodin, OxyContin, Hydrocodone, and Percocet)

Figure 40: Percentage of high school students who took prescription pain medicine without a doctor's prescription or differently than prescribed during the 30 days before the survey*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Took prescription pain medicine (e.g., codeine, Vicodin, OxyContin, Hydrocodone, and Percocet)

Figure 41: Percentage of high school students who ever injected any illegal drug*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 |  | $p=0.0065$ |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 |  |  |  |  |
| 20 |  |  |  |  |
| 15 |  |  |  |  |
| 10 | 1.3 | 2.1 | $\begin{gathered} 3.4 \\ (1.8-5.0) \end{gathered}$ | $\begin{gathered} 3.2 \\ (1.8-4.6) \end{gathered}$ |
| 5 | (0.6-2.0) | (0.9-3.3) | T | $T$ |
|  | 工 | - |  |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

*Used a needle to inject any illegal drug into their body

Figure 42: Percentage of high school students who attended school under the influence of alcohol or other illegal drugs during the 12 months before the survey, by ACE score Nevada, Youth Risk Behavior Survey, 2019

| 100 |  | p < 0.0001 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 90 |  |  |  |  |
| 80 |  |  |  |  |
| 70 |  |  |  |  |
| 60 |  |  |  |  |
| 50 |  |  |  |  |
| 40 |  |  |  | (28.4-35.8) |
| 30 |  | 15.2 | $\begin{gathered} 19.3 \\ (15.9-22.7) \end{gathered}$ |  |
| 20 | 7.6 | (12.3-18.1) | T |  |
| 10 | (5.5-9.7) |  |  |  |
| 0 | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

## Sexual Behaviors

Figure 43: Percentage of high school students who ever had sexual intercourse, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 100 |  | p < 0.0001 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 90 |  |  |  |  |
| 80 |  |  |  |  |
| 70 |  |  |  |  |
| 60 |  |  |  | $\begin{gathered} 50.5 \\ (45.7-55.3) \end{gathered}$ |
| \% $\begin{array}{r}50 \\ 40 \\ 30 \\ 20 \\ 10\end{array}$ |  |  | 35.4 | T |
|  |  | $\begin{gathered} 29.4 \\ (25.1-33.7) \end{gathered}$ | (30.3-40.5) |  |
|  | (18.2-24.4) | T |  |  |
|  |  |  |  |  |
|  | 10 |  |  |  |
|  | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

Figure 44: Percentage of high school students who had sexual intercourse for the first time before age 13 years, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


Figure 45: Percentage of high school students who had sexual intercourse with four or more persons during their life, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

| 50 |  | $p<0.0001$ |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 45 |  |  |  |  |
| 40 |  |  |  |  |
| 35 |  |  |  |  |
| 30 |  |  |  |  |
| \% 25 |  |  |  | 15.7 |
|  |  |  |  | (12.3-19.1) |
| 15 |  | 6.8 | 7.4 |  |
| 10 | 4.9 | (4.8-8.8) | (4.8-10.0) |  |
|  | (3.3-6.5) | T | [ |  |
| $5 \quad$ - |  |  |  |  |
|  | 0 ACEs | 1 ACE | 2 ACEs | 3+ ACEs |

Figure 46: Percentage of high school students who had sexual intercourse with at least one person during the 3 months before the survey, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


Figure 47: Percentage of high school students who drank alcohol or used drugs before last sexual intercourse*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Among students who were sexually active in the past 3 months

Figure 48: Percentage of high school students who used a condom during last sexual intercourse*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


[^4]Figure 49: Percentage of high school students who did not use any method to prevent pregnancy during last sexual intercourse*, by ACE score - Nevada, Youth Risk Behavior Survey, 2019

*Among students who were sexually active in the past 3 months

Figure 50: Percentage of high school students who have ever been pregnant or gotten someone pregnant, by ACE score - Nevada, Youth Risk Behavior Survey, 2019


For additional information regarding this report, contact:

Meg Diedrick, MPH Student<br>University of Nevada, Reno<br>School of Community Health Sciences mdiedrick@unr.edu<br>775-682-6999

Kristen Clements-Nolle, PhD, MPH<br>University of Nevada, Reno<br>School of Community Health Sciences<br>clements@unr.edu<br>775-682-7097

https://www.unr.edu/public-health/research/yrbs

University of Nevada, Reno
http://dpbh.nv.gov/



[^0]:    ${ }^{a}$ Weighted row percent
    *Note: Youth missing all ACE data were excluded. Prevalence estimates differ slightly from statewide report.

[^1]:    ${ }^{\text {a }}$ The sample size in the total and subgroups may differ due to missing data
    ${ }^{\mathrm{b}}$ Weighted row percent
    *Note: Youth missing all ACE data were excluded. Prevalence estimates differ slightly from statewide report.

[^2]:    ${ }^{\text {a }}$ The sample size in the total and subgroups may differ due to missing data
    ${ }^{\mathrm{b}}$ Weighted row percent
    *Note: Youth missing all ACE data were excluded. Prevalence estimates differ slightly from statewide report.

[^3]:    *Even one or two puffs

[^4]:    *Among students who were sexually active in the past 3 months

