

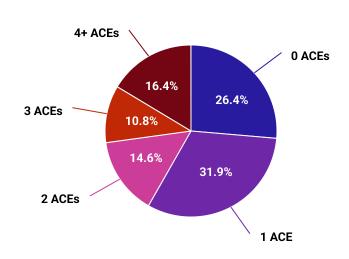
## The influence of adverse childhood experiences (ACEs) and positive childhood experiences (PCEs) on Carson City School District substance use

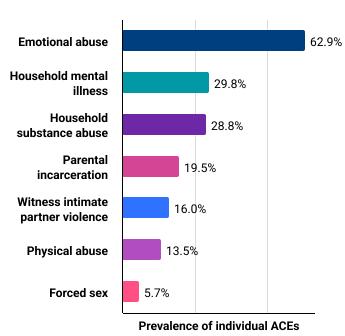


Findings from the 2023 Nevada Middle School YRBS (n = 359)

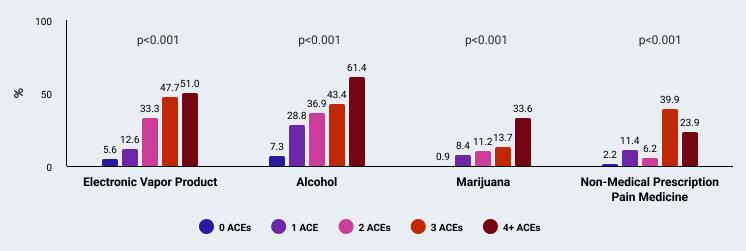
ACEs are potentially traumatic events that occur before the age of 18 years. ACEs include abuse, neglect, and household challenges. Middle school youth who have more ACEs often have more negative health outcomes, including substance use.

**Prevalence of ACEs among Carson City School District middle school students** 





#### **Prevalence of Lifetime Substance Use Outcomes by ACE Score**





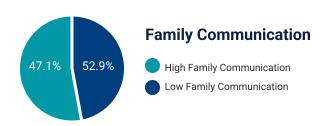


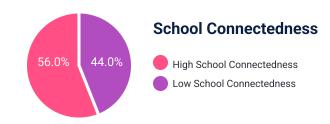


#### **PCEs**

PCEs are positive experiences during childhood, including having safe, stable, nurturing relationships and environments. In the 2023 YRBS, youth were asked six questions covering family communication and school connectedness. An average family communication and school connectedness score was calculated and youth with scores higher than the average score were categorized as having high PCE exposure.

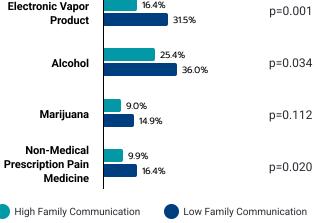
#### Prevalence of Family Communication and School Connectedness Among Carson City School District Middle School Students





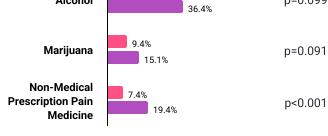
### Prevalence of Lifetime Substance Use Outcomes by PCEs Among Carson City School District Middle School Students

## Family Communication lectronic Vapor Product 16.4% 9=(



# Electronic Vapor Product 21.6% p=0.240 Alcohol 26.8% p=0.099

**School Connectedness** 











Nevada Statewide Coalition Partnership



Prevent Child Abuse Prevent Child Abuse Nevada



**High School Connectedness** 

Nevada Youth Risk Behavior Survey (YRBS)







Low School Connectedness