



Synopsis California Health Kids Survey (CHKS) 2017- Napa County

The following is a synopsis of the results from the California Health Kids Survey 2017 for Calistoga, St. Helena, and Napa County regarding substance use.

For more information please contact: Regina Penna, Program Coordinator UpValley Partnership for Youth, UpValley Family Centers at: 925-984-9374 cell/text or email: rpenna@upvalleyfamilycenters.org. For specific yearly data including results outside of substance use please visit <http://chks.wested.org/reports/>

Notes for interpreting data:

- The 2015 9th graders are the 2017 11th graders- they are the class of 2019 and throughout the synopsis are compared to see trends within groups of students over time.
- You can look at the trend data in two ways - from year to year across grades 15,16, and 17 11th graders but all different students or as cohorts. That is the 2013 7th graders are the 2015 9th graders and 2017 11th graders. In statistics we talk about sample(i.e who took the survey) in year comparisons 15,16,17 the sample changes we are asking different students the questions- in looking at the progression from 7th to 11th grade we are theoretically sampling the same group of students as they move through school.
- Past 30-day use is considered “current use” for our purposes- however we collect lifetime use as well. Lifetime use is important but not the indicator the coalition should focus on as students may report a sip of a drink they took one time- whereas past 30 day is more likely to accurately report current use- our target for reduction.
- 2016 was the first year we collected data on that class of students and therefore no trend data exists. I will report both the trends from 2016-2017 as well as 2015-2017 when pertinent for the synopsis.
- Please refer to the slides to see how the question is asked by the survey.
- No data is perfect but it is what we have and we want to stay a data driven coalition.
- For the most part trends seen in the data are also reflected in referrals to Aldea and citations by the school SRO's .



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Countywide

Sample: 7th- 1451 students, 9th- 1469, 11th-1296, Non-Traditional (NT)- 221

1. Alcohol use decreased from 22% in 2015 to 19% in 2017 among 11th graders
2. If we compare the 2015 9th graders to the 2017 11th graders (same group or cohort) increased from 11% to 19% of students reporting use. The trend in an uptick in use from 9th-11th grade is common throughout the various communities indicating a need for coalition efforts on prevention/intervention in the end of 9th grade through 10th grade. We should be thinking how the transition to high school plays a role.
3. Marijuana use past 30 days decreased from 2015-2017 by 1% percent and from 16-17 by 3% in 11th graders. Again we see an increase in use from 2015 9th graders to 2017 11th graders by 10%.
4. Any substance use past 30-days decreased from 30% to 26% from 2015 to 2017. Use increased in 2015 9th graders from 15% to 26% among 2017 11th graders.
5. Alcohol is the most commonly used life time substance among 11th graders with 41% reporting use that is followed by 32% reporting marijuana use.
6. When controlling for non-traditional students only 2% of 9th and 2% of 11th graders report pain killer or prescription drug use (GOOD NEWS IT IS STILL LOW HERE)
7. 11th graders who reported driving or being driven by someone using drugs or alcohol increased 5%
8. Past- 30 Day e-cigarette use increased from 9% in 2016 to 19% in 2017. In 2015, 9th graders reported 7% use and then 19% in 2017 11th graders.
9. Perceived great or moderate harm of marijuana use twice is week is low among all groups except 7th graders
10. Perceived harm of occasional cigarette use is decreasing from 74% to 48% in a year



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St. Helena

Sample- 7th 83(98%), 9th 110(92%), 11th 102(85%)

1. Increase in past 30-day alcohol use from 35% in 2015 to 38% in 2017. There was a decrease in 2016 to 30% but this was the first time that cohort took the survey. Overall rates may be increasing in 11th grade.
2. Past 30-day alcohol use decreasing in 9th grade from 18% in 2015 to 8% in 2017- 7th grade rates remain stable across the three years varying from 3-5%.
3. Past 30-day use of marijuana decreasing in all grades. In 11th grade a decrease from 28% in 2015 to 24% in 2017.
4. Like alcohol, use rates are low in the 2015 9th graders at 6% jumping to 24% in the same class by 2017.
5. Increase in 11th graders reporting driving after drinking or being driven by someone who was drinking from 16% in 2015 to 23% in 2017(13% in 2016). Decreasing in other grades.
6. Traditional smoking rates are low across grades.
7. Sharp increase in 30-day e-cigarette use from 7% in 2016 11th graders to 23% in 2017 11th graders. Rates were 17% in 2015. Rates remain around 7% in 9th graders across years dipping to 4% in 2017.
8. Perceived harm of marijuana use once or twice a week is increasing in 7th and 9th graders but decreasing in 11th graders from 61% to 36% in a year from 16-17.

Calistoga

Grade 7: 76 (93% response rate), Grade 9: 62 (86% response rate), Grade 11: 45 (88% response rate)

1. Increase in past 30-day alcohol use from 23% in 2016 to 34% in 2017. There was a there was no change is use rates from 2015 to 2017. Overall rates may be stable.
2. Past 30-day alcohol use decreasing in 9th grade from 10% in 2015 to 5% in 2017. Big reduction from 16-17 from 28% to 5% in 9th grade !!- 7th grade rates remain stable across the three years staying at around 5%.
3. Past 30-day use of marijuana increasing in 11th grade from 16% in 2015 to 18% in 2017. Decreased in 9th grade and increased in 7th grade from 2% to 4%.



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4. Like alcohol, use rates are low in the 2015 9th graders at 8% jumping to 18% in the same class by 2017.
5. Increase in 11th graders reporting driving after drinking or being driven by someone who was drinking from 22% in 2015 to 27% in 2017(14% in 2016). Decreasing in other grades overall.
6. Traditional smoking rates are low across grades.
7. Increase in 30-day e-cigarette use from 7% in 2016 11th graders to 16% in 2017 11th graders. Rates were 7% in 2015. Rates vary across 9th graders but overall a decrease from 8% in 2015 to 3% in 2017
8. Perceived harm of marijuana use once or twice a week is increasing in 7th and 9th graders but decreasing in 11th graders from 56% to 35% in a year from 16-17.

County Comparisons

1. Compared to Napa County overall past 30-day use rates of alcohol were higher among 11th graders Up Valley(SH 38%, Calistoga 34%, Napa County 19% reporting use).
2. Marijuana use was very similar across communities in 11th grade. In 9th grade 30-day marijuana use was lower in SH at 4% compared to 9 % overall.
3. E-cigarette use was highest among SH 11th graders with 23% reporting past 30 day use compared to 16% in Calistoga and 19% countywide.
4. 9th grade past 30-day e-cigarette use was lower in SH (4%) and Calistoga (3%) than county averages (9%).



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Overall

- Based on the data coalitions should continue to focus on alcohol and marijuana prevention and intervention in our schools. Special attention should be given to DUI prevention. Include e-cigarette prevention and education use given ongoing trends.
- Alcohol use is highest in St. Helena but marijuana use decreased (perhaps due to increasing e-cigarette use). Decreases in 9th grade use of substances overall. Calistoga reported slight increases in all substance use in 11th grade but decreases in 7th and 9th grade (good!!). Special attention should be given to the decreasing perception of harm of traditional tobacco and marijuana.
- Across all schools and throughout the county there is an increase in reported use between 9th and 11th grade. More intervention and prevention needs to focus on the end of 9th grade year and through 10th grade.