

utah department of
human services
SUBSTANCE ABUSE AND MENTAL HEALTH

Alcohol Abuse Tracking Committee (AATC)

2019 Report

**Alcohol Abuse Tracking Committee
Department of Human Services, Division of
Substance Abuse and Mental Health**

July 1, 2019

Table of Contents

| | |
|---|-----------|
| Purpose of the Report | 2 |
| Alcohol Use Estimates and Trends | 4 |
| Youth Alcohol Use | 4 |
| Adult Alcohol Use | 6 |
| Sources of Alcohol and Places of Alcohol Use | 8 |
| Alcohol Related Arrests and Court Charges for Driving Under the Influence and Underage Drinking | 10 |
| Alcohol Related Arrests: Driving Under the Influence | 10 |
| Adjudication of Alcohol Related Offenses: Driving Under the Influence | 12 |
| Justice and District Court DUI Offender Screening and Assessment Process | 14 |
| Alcohol Related Arrests: Liquor Law and Drunkenness Offenses | 15 |
| Adjudication of Alcohol Related Offenses: Underage Drinking | 15 |
| Violations of the State Alcoholic Beverage Control Act: Over-Serving/Consumption and Sales to Minors | 16 |
| Off-Premise Retail Compliance Checks | 16 |
| On-Premise Alcohol Violations | 18 |
| Consequences of Alcohol Use: Abuse/Dependence, Treatment, and Mortality/Morbidity | 19 |
| Estimates of Adult Abuse or Dependence on Alcohol | 19 |
| Estimates of Youth in Need of Alcohol Treatment | 20 |
| Admissions into State Funded Alcohol Treatment Programs | 20 |
| Alcohol Related Mortality and Morbidity Indicators | 21 |
| Costs of Excessive Alcohol Consumption in Utah | 23 |
| Alcohol Attributable Deaths and Years of Potential Life Lost | 23 |
| Economic Costs of Excessive Alcohol Consumption | 24 |
| Environmental Strategies for Reducing Excessive Alcohol Consumption in Utah | 26 |
| Limitations and Future Directions | 27 |
| Attachments | |
| Acronyms | 28 |
| Alcohol Abuse Tracking Committee Participants | 29 |
| Resources | 30 |

Purpose of the Report

This report is the sixth edition of the Annual Alcohol Abuse Tracking Committee (AATC) Report which is submitted to the Governor and Legislature. The first edition of the report was completed in 2013, and annual updates have been completed each year since 2015. The original report was prepared in accordance with 2012 Legislative Session House Bill 354 Utah State Code 53-1-119 (7):

- (a) The committee shall begin to collect the information described in Subsection (6) by January 1, 2013. For fiscal year 2012-13, the committee is required only to report the information collected between January 1, 2013 and June 30, 2013.
- (b) Beginning December 31, 2013, the committee shall report the information collection under Subsection (6) annually to the governor and Legislature by no later than the December 31 immediately following the fiscal year for which the information is collected.

From 2015 to the present, all editions were prepared in accordance with changes in the statute which were made during the 2014 legislative session:

- (c) Beginning July 1, 2014, the committee shall report the information collection under Subsection (6) annually to the governor and the Legislature by no later than July 1 immediately following the calendar year for which the information is collected.

The Alcohol Abuse Tracking Committee (AATC) was created as a result of the 2012 Legislative Session House Bill 354 Alcohol Beverage Amendments. (Current statute: 62A-1-121. Tracking effects of abuse of alcoholic products [Effective 5/8/2018].) The Committee is made up of several Divisions, Agencies, Department, Committees, Organizations, and individuals throughout Utah. In May 2019, there were 24 participants on the AATC, representing 12 different agencies including: Commission on Criminal and Juvenile Justice, Department of Corrections, Utah Courts, Department of Alcoholic Beverage Control, Department of Health, Department of Public Safety, Department of Workforce Services, Department of Technology Services, and Mothers against Drunk Driving. The committee's responsibilities are to establish a process to collect for each calendar year the following information:

- (a) the number of individuals statewide who are convicted of, plead guilty to, plead no contest to, plead guilty in a similar manner to, or resolve by diversion or its equivalent to a violation related to underage drinking of alcohol;
- (b) the number of individuals statewide who are convicted of, plead guilty to, plead no contest to, plead guilty in a similar manner to, or resolve by diversion or its equivalent to a violation related to driving under the influence of alcohol;
- (c) the number of violations statewide of Title 32B, Alcoholic Beverage Control Act, related to over-serving or over-consumption of an alcohol product;
- (d) the cost of social services provided by the state related to abuse of alcohol, including services provided by the Division of Child and Family Services within the Department of Human Services;
- (e) where the alcoholic products are obtained that results in the violations or costs described in Subsection (6)(a) through (d);
- (f) Any information the committee determines can be collected and relates to the abuse of alcoholic products.

The AATC began meeting in May 2012. Communication has continued among committee members and agencies to identify alcohol abuse problems within the State of Utah. A variety of resources have been used to gather alcohol related information including: the Department of Human Services, Division of Substance Abuse and Mental Health's Statewide Epidemiological Outcome Workgroup (SEOW) and Student Health and Risk Prevention (SHARP) survey, the Utah Department of Health's Behavioral Risk Factor Surveillance System (BRFSS), the Department of Public Safety, Highway Safety's Eliminating Alcohol Sales to Youth (EASY) program, the Commission on Criminal and Juvenile Justice (CCJJ) Annual DUI Report, the Administrative Office of the Courts report, the Department of Alcoholic Beverage Control (DABC), and the Department of Public Safety, State Bureau of Investigation. The majority of data compiled and presented in this report reference calendar year 2018, with some indicators referring to fiscal year 2018 (when noted). These data build on the previous editions of this report by providing the latest available data for each indicator at the time of writing.

Based on the informational goals identified by the AATC, data are presented below by topic in the following sections:

1. Alcohol use estimates and trends
2. Alcohol related arrests and court charges for underage drinking and driving under the influence
3. Violations of the state Alcoholic Beverage Control Act: Over-serving/ consumption and sales to minors
4. Consequences of alcohol use: Abuse/dependence, treatment, and mortality/morbidity
5. Costs of excessive alcohol use in Utah
6. Environmental Strategies for Reducing Excessive Alcohol Consumption in Utah

Alcohol Use Estimates and Trends

Alcohol use estimates are available through surveys conducted within the State of Utah. For youth, alcohol use rates from the Utah Student Health and Risk Prevention (SHARP) survey can provide data at state and community levels. The SHARP survey is administered by the Utah Department of Human Services, Division of Substance Abuse and Mental Health (DSAMH) every other year (on odd number years). The survey samples approximately 50,000 youth per administration and provides a wealth of data regarding substance use behaviors,

risk and protective factors, anti-social behavior, school climate, and physical & mental health status. The most recently available SHARP data at the time of publication for this report are from 2017. For adults, alcohol use estimates are available through the Utah Behavioral Risk Factor Surveillance Survey (BRFSS). The BRFSS is administered annually through the Utah Department of Health via telephone and has sampled approximately 10,000-12,000 adults (aged 18+) each year since 2009. The most recently available BRFSS data available at the time of publication are also from 2017.

Youth Alcohol Use

Table 1 presents youth alcohol use rates in Utah from 2013 to 2017, as well as rates of drinking and driving and riding with a driver who has consumed alcohol. When it comes to alcohol use, survey data show that underage drinking has been decreasing steadily over the last decade both in Utah as well as nationally. Here in Utah, youth drink alcohol at much lower rates than the national average. This is true of lifetime alcohol use (“have you ever used alcohol in your lifetime”), past 30 day use, and binge drinking (five or more drinks in a row) in the past two weeks. In fact, alcohol use rates among Utah youth have historically been about 50% of the national rate or less, and this trend continued in 2017. For example, the 30 day use rate in 2017 for youth in grades 8th, 10th and 12th combined was 8.8% in Utah, while the national rate for the same grades was 19.8%. Figure 1 presents youth alcohol use trends in Utah from 2005 to 2017.

Figure 1

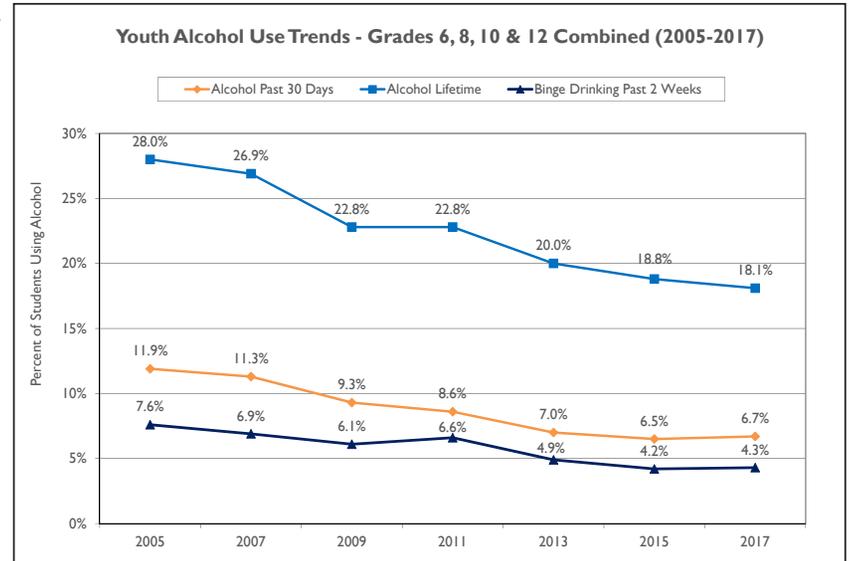


Table 1. Utah Youth Alcohol Use Rates and Related Behaviors by Grade (2013-2017)

| | 6th Grade | | | 8th Grade | | | 10th Grade | | | 12th Grade | | | Grades 6, 8, 10 & 12 Combined | | |
|-------------------------------------|-----------|------|------|-----------|-------|-------|------------|-------|-------|------------|-------|-------|-------------------------------|-------|-------|
| | 2013 | 2015 | 2017 | 2013 | 2015 | 2017 | 2013 | 2015 | 2017 | 2013 | 2015 | 2017 | 2013 | 2015 | 2017 |
| Youth Alcohol Use-Past 30-Day | 1.0% | 0.7% | 0.9% | 4.2% | 3.4% | 3.2% | 9.4% | 9.5% | 8.9% | 14.0% | 13.6% | 14.7% | 7.0% | 6.5% | 6.7% |
| Youth Alcohol Use-Lifetime | 6.5% | 5.8% | 6.0% | 14.7% | 13.9% | 12.5% | 27.1% | 25.8% | 23.4% | 33.1% | 31.5% | 31.8% | 20.0% | 18.8% | 18.1% |
| Youth Binge Drinking (Past 2 weeks) | 1.4% | 0.8% | 0.9% | 3.4% | 2.6% | 2.6% | 6.1% | 5.9% | 5.5% | 9.1% | 8.1% | 8.6% | 4.9% | 4.2% | 4.3% |
| Youth Drinking And Driving | 1.0% | 0.5% | 0.5% | 1.8% | 1.2% | 1.2% | 2.1% | 2.0% | 2.2% | 3.6% | 3.7% | 3.0% | 2.1% | 1.9% | 1.8% |
| Youth Riding With Drinking Driver | 6.7% | 4.7% | 5.4% | 7.8% | 7.1% | 7.1% | 9.3% | 9.5% | 8.7% | 8.7% | 7.7% | 8.7% | 8.2% | 7.3% | 7.7% |

Source: Utah Student Health and Risk Prevention Survey

While Utah's low youth alcohol use rates are definitely a positive sign of the overall wellness of the state's youth population, there are also data that serve as reminders that underage drinking remains an important issue for prevention efforts. Foremost, alcohol has traditionally been the most widely used substance by youth in the state. In fact, alcohol was the most widely used substance by youth in every survey year until 2015, when it was eclipsed by e-cigarette use. The 30 day alcohol use rate among 6-12th graders (combined) in Utah for 2017 was low at 6.7%. However, 8.9% of Utah 10th graders and 14.7% of 12th graders indicated having used alcohol at least once in the past 30 days. This equates to approximately 4,154 10th graders and 6,388 12th graders statewide who had recent alcohol use at the time of the survey. Secondly, while a smaller proportion of Utah's youth drink alcohol compared to the nation, the data suggest that Utah youth who do drink

alcohol are more likely to engage in binge drinking than their national counterparts. Nationally, about 46.7% of 12th graders who drank alcohol in the past 30 days also engaged in binge drinking in the past two weeks in 2017. In Utah, about 58.5% of 12th graders reporting 30 day alcohol use also indicated binge drinking. A similar pattern of high binge drinking rates among 30 day alcohol users holds for 8th and 10th graders in Utah as well. This is a significant concern; according to the Centers for Disease Control and Prevention, binge drinking is associated with greater risk for negative alcohol related outcomes including: drinking and driving, becoming a victim of violence, and abuse and dependence¹.

¹ <http://www.cdc.gov/alcohol/faqs.htm>

Adult Alcohol Use

Table 2 presents rates of adult alcohol use in Utah from 2015 to 2017 by type of use: a) used in the past 30 days, b) binge drinking in the past 30 days (5 or more drinks in one occasion for males, or 4 or more drinks for females), and c) heavy alcohol use (averaging more than 2 drinks per day for males, or more than 1 drink per day for females). Figure 2 presents trend data for 30 day alcohol use and binge drinking. On a positive note, rates of alcohol use by Utah adults are much lower than national rates (e.g., in 2017, 30.8% of adults in Utah reported using alcohol in the past 30 day vs. 54.3% of their national counterparts). However, similar to youth, Utah adults who indicated using alcohol were more likely to report binge drinking than their national counterparts (e.g., 37.3% of Utah drinkers reported binge vs. 31.3% for the U.S.). Trend data for the state suggest that rates of adult alcohol use decreased from 2005 through 2012 (the apparent increase observed in 2011 is attributable to a change in the BRFSS methodology to include cell phones in the survey sample rather than a real increase in use rates), and then fluctuated between 11.2% and 12.5% from 2012 to 2017.

Figure 2

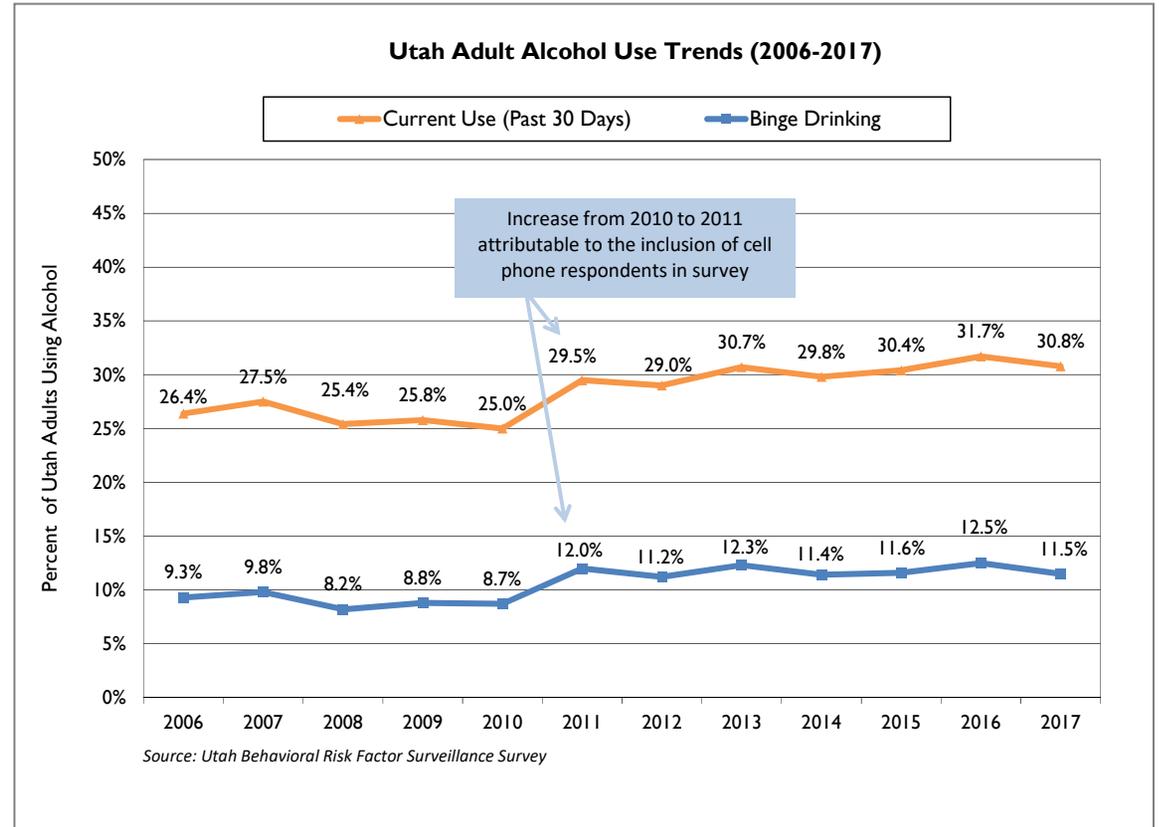


Table 2. Utah Rates of Adult Alcohol Use by Age (2015-2017)

| | 18-24 yrs | | | 25-34 yrs | | | 35-44 yrs | | | 45-54 yrs | | | 55-64 yrs | | | 65+ | | | Total | | |
|---|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 | 2015 | 2016 | 2017 |
| Adult Current Drinking (Past 30-Day Use) | 28.3% | 29.3% | 25.9% | 38.0% | 41.1% | 40.0% | 33.1% | 34.9% | 33.9% | 32.0% | 32.4% | 31.8% | 28.4% | 28.5% | 30.3% | 19.2% | 19.7% | 19.5% | 30.4% | 31.7% | 30.8% |
| Adult Binge Drinking (Past 30 days) | 11.7% | 15.3% | 12.5% | 17.6% | 20.8% | 18.6% | 15.0% | 13.9% | 13.9% | 11.1% | 10.6% | 9.8% | 8.0% | 8.8% | 8.6% | 2.8% | 1.7% | 2.7% | 11.6% | 12.5% | 11.5% |
| Adult Heavy Alcohol Use | 2.8% | 5.1% | 2.5% | 3.5% | 6.0% | 4.8% | 4.4% | 5.2% | 4.3% | 4.2% | 5.1% | 4.4% | 4.0% | 5.3% | 4.1% | 2.8% | 1.5% | 1.7% | 3.6% | 4.8% | 3.7% |

Source: Behavioral Risk Factor Surveillance System (BRFSS)

Adult Alcohol Use, Continued

With regard to binge drinking, Utah has a lower reported overall prevalence in comparison to the U.S. In 2017, when asked about their recent drinking habits, 30.8 percent of Utahns reported any alcohol consumption in the past 30 days compared with 54.3 percent of all U.S. adults. The overall prevalence of binge drinking in Utah for 2017 was 11.5 percent, which was lower than 2016 (and similar to both 2014 & 2015). Utah continues to be below the nationwide rate of 17 percent. Binge drinking prevalence in Utah was highest among persons aged 25-34 (18.6%). Binge drinking among males in Utah was 14.8 percent and 8.4 percent among Utah females.

Among Utah binge drinkers in 2017, the frequency (number of occasions) of binge drinking was 4.5 occasions per month, and the intensity (number of drinks) was 7.7 drinks on occasion. Unlike the overall prevalence of binge drinking, where reported Utah rates were much lower than the national average, the frequency and intensity of binge drinking in Utah was very similar to the national average (4.4 occasions per month, and 7.4 drinks, respectively for the nation).

Figure 3

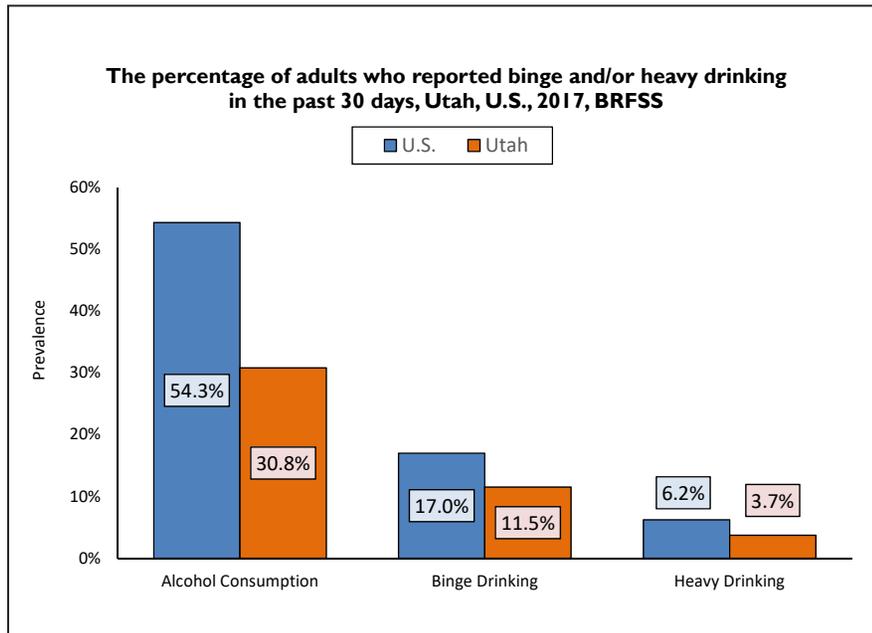
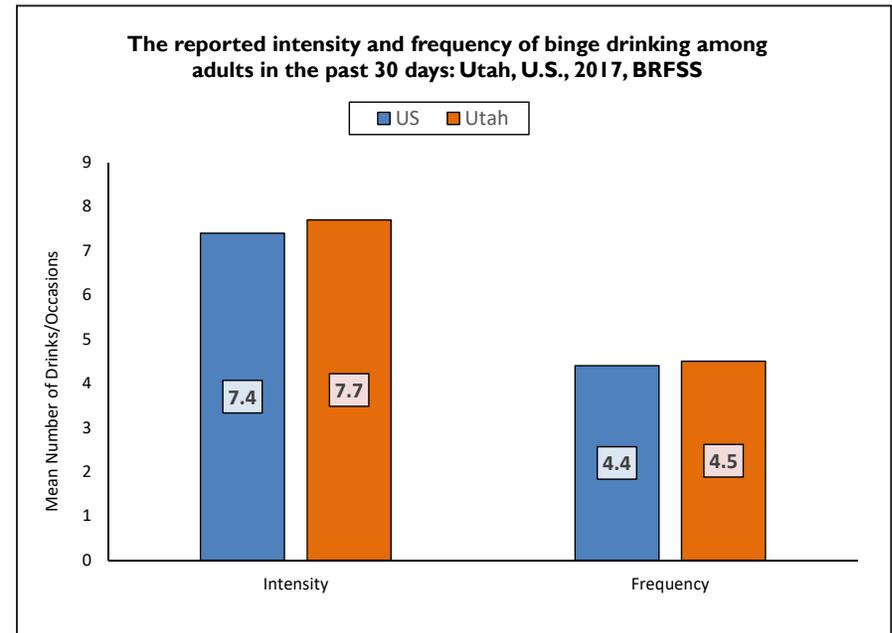


Figure 4



Sources of Alcohol and Places of Alcohol Use

In addition to alcohol use rates, data are available regarding where both youth and adult drinkers obtained and used alcohol. These data may be helpful in considering legislation that affects the distribution of alcohol. The 2015 SHARP Survey asked youth, “If you drank alcohol (not just a sip or taste) in the past year, how did you get it?” Respondents were asked to mark all the options that apply to them. Table 3 presents the percentage of youth (of those who used alcohol in the past year) who indicated getting alcohol from each of nine different sources. The data suggest that it is not common for youth to purchase alcohol themselves through retail means. By far, the most common sources of alcohol for youth drinkers were parties (57% of drinkers), and “someone I know over age 21” (51%). The least common source of alcohol was “I bought myself from a store” (5.1%). Unfortunately, this item was discontinued after 2015 so more recent data will not be available for this item.

For adults, the Utah DSAMH included additional items on the 2013 and 2017 BRFSS to understand where alcohol users purchased and drank alcohol. In 2013, respondents who reported drinking alcohol in the past 30 days were asked where they did most of their drinking on the last occasion and where they bought the alcohol they consumed on the last occasion. People who reported binge drinking were asked those same questions regarding their last binge drinking occasion. Individuals who reported no alcohol use in the past 30 days were not asked these questions. These data were intended to shed light on where alcoholic products are purchased in situations that potentially contribute to driving under the influence (DUI) and/or alcohol related motor vehicle crashes. Tables 4a and 4c present the data for these items for the complete 2013 BRFSS sample, by age group and type of alcohol user (binge drinkers vs. 30 day users). In 2017, the item asking about place of use on the last occasion was asked only of binge drinkers. Data from this item are provided in Table 4b (please note some responses that appeared as separate options in 2013 were combined for 2017).

Table 3. Sources of Alcohol for Youth who Reported Drinking in Past Year (2013-2015)
If you drank alcohol (not just a sip or taste) in the past year, how did you get it? (Mark all that apply)

| | Grade 6 | | Grade 8 | | Grade 10 | | Grade 12 | | Total | |
|--|---------|-------|---------|-------|----------|-------|----------|-------|-------|-------|
| | 2013 | 2015 | 2013 | 2015 | 2013 | 2015 | 2013 | 2015 | 2013 | 2015 |
| <i>Number of respondents*</i> | 603 | 534 | 1,642 | 1,492 | 2,381 | 2,287 | 2,338 | 2,203 | 6,964 | 6,516 |
| I bought it myself from a store | 2.8% | 4.0% | 3.6% | 2.7% | 3.7% | 3.6% | 7.8% | 7.6% | 5.0% | 5.1% |
| I got it at a party | 37.5% | 31.7% | 48.8% | 43.2% | 60.8% | 57.0% | 71.6% | 65.8% | 59.6% | 57.0% |
| I gave someone else money to buy it for me | 7.5% | 7.8% | 18.5% | 14.2% | 30.0% | 24.0% | 46.1% | 41.3% | 30.7% | 28.7% |
| I got it from someone I know age 21 or older | 27.5% | 26.3% | 40.4% | 37.9% | 50.9% | 47.6% | 64.1% | 61.6% | 50.8% | 50.7% |
| I got it from someone I know under age 21 | 18.1% | 15.4% | 31.7% | 30.0% | 38.3% | 36.5% | 38.2% | 34.0% | 35.0% | 33.2% |
| I got it from a family member or relative other than my parents | 32.7% | 27.1% | 34.9% | 36.1% | 32.0% | 33.1% | 30.3% | 30.7% | 32.2% | 32.3% |
| I got it from home with my parents' permission | 33.2% | 30.8% | 28.9% | 29.1% | 27.6% | 27.1% | 25.9% | 30.0% | 27.8% | 28.8% |
| I got it from home without my parents' permission | 17.7% | 20.3% | 36.6% | 35.7% | 32.2% | 35.4% | 26.0% | 25.5% | 29.9% | 30.5% |
| I got it another way | 24.9% | 26.7% | 23.1% | 21.1% | 20.9% | 19.0% | 18.0% | 16.6% | 20.8% | 18.8% |

*Responses include only individuals who indicated any alcohol use in the past year.

Source: Utah Student Health and Risk Prevention Survey

Sources of Alcohol and Places of Alcohol Use, Continued

As seen in Tables 4a & 4b, the most common place of alcohol use among those who used was in their home, with the likelihood of reporting home use generally increasing with age. At another person's home was the second most common response. In 2013, alcohol use at a restaurant was more likely for drinkers over the age of 35, and among 30 day users (vs. binge drinkers), while alcohol use at a bar was highest for those under the age of 35, and among binge drinkers. Among binge drinkers in 2017, adults 50+ were the most likely to indicate having drunk at a restaurant or banquet hall, while those under 35 were still the most likely to report drinking at a bar or club on their last occasion. Overall, a significantly larger percentage of binge drinkers indicated that a bar or club was the place of use on their last occasion in 2017 (14.5%) than in 2013 (10.5%), and a significantly smaller percentage indicating using at home (48.6% vs. 61% in 2017 and 2013, respectively). In regards to where alcohol was last purchased, the most frequent response was from a state liquor store, followed by from a grocery store. Restaurants and bars each represented place of purchase for approximately 7-8% of alcohol users. In comparing binge drinkers and 30 day users regarding place of purchase, 30 day users were more likely to indicate buying their alcohol from a state liquor store, while binge drinkers were more likely to indicate buying from a grocery store (and thus are presumably more likely to have consumed beer or other 3.2% alcohol products). Mirroring the last place of use data, binge drinkers were more likely to have purchased alcohol from a bar, and much less likely to have purchased from a restaurant than 30 day users.

Table 4a. Where Utah Drinkers Used Alcohol* (2013)

During the most recent occasion, where were you when you did most of your drinking?

| | All Respondents Who Used Alcohol in the Past 30 Days | | | | | 30 Day Users | Binge Drinkers |
|---------------------------------|--|-----------|-----------|-------|-------|--------------|----------------|
| | 18-34 yrs | 35-49 yrs | 50-64 yrs | 65+ | Total | | |
| At your home | 57.1% | 65.9% | 71.1% | 72.8% | 64.2% | 65.9% | 61.0% |
| At another person's home | 21.7% | 13.7% | 10.0% | 8.9% | 15.6% | 12.8% | 20.3% |
| At a restaurant | 5.1% | 9.9% | 9.9% | 13.6% | 8.4% | 11.8% | 2.9% |
| At a banquet hall | 0.5% | 0.1% | 0.1% | 0.8% | 0.3% | 0.3% | 0.4% |
| At a bar | 9.9% | 6.0% | 3.8% | 0.8% | 6.6% | 4.9% | 9.3% |
| At a club | 1.5% | 0.4% | 0.6% | 1.1% | 0.9% | 0.7% | 1.2% |
| At a public place | 4.1% | 3.9% | 4.6% | 2.0% | 4.0% | 3.5% | 4.9% |

*Responses include only individuals who indicated any alcohol use or binge drinking in past 30 days (most recent binge occasion for respondents who indicated binge drinking; most recent alcohol use occasion for 30 day use respondents).

Source: Utah Department of Human Services & Utah Department of Health

Table 4b. Where Utah Binge Drinkers Used Alcohol* (2017)

During the most recent occasion, where were you when you did most of your drinking?

| | Respondents Who Binge Drank in the Past 30 Days | | | | |
|--|---|-----------|-----------|-------|-------|
| | 18-34 yrs | 35-49 yrs | 50-64 yrs | 65+ | Total |
| At your home | 43.8% | 52.0% | 56.3% | 48.4% | 48.6% |
| At another person's home | 21.0% | 17.3% | 8.4% | 20.6% | 17.8% |
| At a restaurant or banquet hall | 3.2% | 3.8% | 5.9% | 5.4% | 3.9% |
| At a bar or club | 17.7% | 11.4% | 13.2% | 6.1% | 14.5% |
| At a public place | 6.1% | 5.3% | 6.8% | 12.4% | 6.2% |

*For 2017, responses include only individuals who indicated binge drinking in the past 30 days.

Source: Utah Department of Human Services & Utah Department of Health

Table 4c. Where Utah Drinkers Purchased Alcohol* (2013)

During the most recent occasion, where had most of the alcohol you consumed been purchased?

| | All Respondents Who Used Alcohol in the Past 30 Days | | | | | 30 Day Users | Binge Drinkers |
|---------------------------------------|--|-----------|-----------|-------|-------|--------------|----------------|
| | 18-34 yrs | 35-49 yrs | 50-64 yrs | 65+ | Total | | |
| From a grocery store | 41.0% | 34.3% | 31.2% | 23.5% | 35.3% | 31.6% | 40.4% |
| From a restaurant | 4.7% | 10.3% | 10.1% | 13.3% | 8.3% | 12.2% | 2.3% |
| From a banquet hall | 0.1% | 0.0% | 0.1% | 0.6% | 0.1% | 0.2% | 0.0% |
| From a bar | 10.6% | 6.6% | 4.2% | 1.4% | 7.2% | 5.3% | 10.2% |
| From a club | 1.7% | 0.3% | 0.4% | 1.0% | 1.0% | 0.6% | 1.5% |
| From a state liquor store | 40.0% | 45.1% | 50.6% | 57.8% | 45.5% | 47.6% | 42.2% |
| From an alcohol package agency | 0.6% | 0.0% | 0.3% | 0.5% | 0.3% | 0.5% | 0.6% |
| From a fair, or sporting event | 0.6% | 1.0% | 1.2% | 0.0% | 0.8% | 0.6% | 1.2% |
| From another state | 0.8% | 2.3% | 1.8% | 2.1% | 1.5% | 1.5% | 1.6% |

*Responses include only individuals who indicated any alcohol use or binge drinking in past 30 days (most recent binge occasion for respondents who indicated binge drinking; most recent alcohol use occasion for 30 day use respondents).

†2017 data was collected only for respondents who indicated binge drinking in the past 30 days.

Source: Utah Department of Human Services & Utah Department of Health

Alcohol-Related Arrests and Court Charges for Driving Under the Influence and Underage Drinking

In this section, available data for alcohol related arrests and court charges are presented. DUI and underage drinking arrest data were provided to the AATC by the Department of Public Safety (Highway Safety and Driver's License Division

[DLD]), while court charges were provided by the Administrative Office of the Courts (AOC). These data speak to the AATC's goal of understanding the number of individuals who are convicted of, plead guilty or no contest to, or resolve by diversion, violations of underage drinking and DUI.

Alcohol Related Arrests: Driving Under the Influence

The Utah Department of Public Safety, through its Driver License Division and Highway Safety office, collects information on all DUI arrests. For comparison purposes, it is important to note that these data are collected on a fiscal year calendar (July through June), rather than calendar year as most of the other data provided in this report. Table 5 presents DUI arrest data by gender and age from 2015 to 2018. In FY 2018, law enforcement officers made 10,383 DUI arrests. This was slightly less than the number of arrests in FY 2017. Prior to 2014, there was a steady downward trend observed in the number of DUI arrests, but the numbers have remained relatively stable from 2014 to 2018. Based on the data, it is clear that males consistently represent the vast majority of DUI arrests each year (between 72-73%). While no age group is immune to contributing to the DUI numbers for the state, the data suggest that DUI arrests are most strongly associated with drivers between the ages of 25 and 36, with this age group accounting for nearly 40% of all DUI arrests each year.

In order to interpret the meaning of a change in the number of DUI arrests from year to year, it is important to consider whether the change is attributable to changes in actual drinking and driving, to changes in enforcement efforts, or a combination of both of these factors. Fortunately, data are available for understanding DUI enforcement levels from year to year. Table 6 presents data associated

with specialized DUI overtime enforcement events such as enforcement blitzes, saturation patrols, and DUI checkpoints. These activities are funded by a portion of the DUI impound fees collected which are specifically designated to fund the overtime shifts, as well as federal funds received through the National Highway Traffic Safety Administration. There was an increase in the number of DUI overtime shifts from 2017 to 2018, which is consistent with a strong increasing trend in DUI enforcement extending back to 2012. Compared to 2012, the

Table 5. Arrests for Driving Under the Influence of Alcohol by Age and Gender (2015-2018)

| | 2015 | | 2016 | | 2017 | | 2018 | |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Number | % | Number | % | Number | % | Number | % |
| Males | 7,887 | 73.0% | 7,801 | 72.5% | 7,747 | 72.0% | 7,465 | 71.9% |
| Females | 2,727 | 25.3% | 2,763 | 25.7% | 2,777 | 25.8% | 2,666 | 25.7% |
| Unspecified Gender | 188 | 1.7% | 191 | 1.8% | 238 | 2.2% | 252 | 2.4% |
| Ages 14-20 | 1,182 | 10.9% | 1,339 | 12.4% | 1,304 | 12.1% | 1,255 | 12.1% |
| Ages 21-24 | 1,700 | 15.7% | 1,774 | 16.5% | 1,623 | 15.1% | 1,533 | 14.8% |
| Ages 25-36 | 4,201 | 38.9% | 4,051 | 37.7% | 4,136 | 38.4% | 3,922 | 37.8% |
| Ages 37-48 | 2,146 | 19.9% | 2,195 | 20.4% | 2,231 | 20.7% | 2,197 | 21.2% |
| Ages 49-87 | 1,573 | 14.6% | 1,396 | 13.0% | 1,468 | 13.6% | 1,476 | 14.2% |
| Total | 10,802 | 100.0% | 10,755 | 100.0% | 10,762 | 100.0% | 10,383 | 100.0% |

Source: Utah Department of Public Safety

number of overtime DUI shifts worked in 2018 was three times higher (6,362 vs. 2,112), which resulted in approximately two times as many vehicles stopped, and more than twice as many DUI arrests. Also presented in Table 6 is the rate of DUI arrests per 100 DUI shifts worked. This indicator provides a more objective measure of the prevalence of DUI by accounting for the level of enforcement present each year (# of shifts worked). Between 2012 and 2016, it was clear that the rate of arrests was trending steadily downward, despite the increase in the actual number of arrests (i.e., increases in arrests were attributable to a greater number of shifts not greater prevalence). However, 2017 marked the end of this trend as the rate of DUI arrests per 100 DUI shifts increased substantially, back to levels similar for 2014 and 2015.

Data examining repeat DUI offenses is also available from the Utah Department of Public Safety. These data were calculated by identifying arrests that occurred in 2018 as a starting point, then counting back ten years to determine previous arrests. Based on the analyses, approximately 71% of DUI arrests in 2018 were first offenses, and 29% represented repeat offenders (19% were second offenses, and 10% represented a third offense or more). These proportions are highly consistent with previous years. These data are interesting because they suggest that a relatively large proportion of DUI offenders end up engaging in DUI again after their initial arrest. Interventions to reduce the likelihood of DUI offenders repeating their DUI behavior are potentially important in reducing future risky behavior in this high risk population.

Table 6. Overtime DUI Enforcement Shifts Summary Data (FY2013-2017)

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| # of DUI Shifts Worked | 2,306 | 3,320 | 4,421 | 5,759 | 5,734 | 6,362 |
| Vehicles Stopped | 26,306 | 36,918 | 41,839 | 55,592 | 51,881 | 53,630 |
| DUI Arrests | 996 | 1,296 | 1,344 | 1,472 | 1,971 | 2,247 |
| Rate of DUI Arrests per 100 DUI Shifts Worked | 43.19 | 39.04 | 30.40 | 25.56 | 34.37 | 35.32 |
| Vehicles Impounded | 629 | 279 | 1,173 | 1,307 | 1,671 | 1,828 |
| Alcohol Related Arrests* | 634 | 1,019 | 758 | 744 | 2,014 | 1,026 |
| Drug Related Arrests | 489 | 812 | 912 | 1,341 | 2,594 | 2,306 |
| Warrants Served | 424 | 645 | 639 | 1,036 | 981 | 1,232 |
| Other Warnings/Citations | 21,370 | 32,920 | 38,490 | 54,676 | 47,083 | 54,090 |

*Includes open container, underage alcohol violations

Note: Data combines state and federally funded enforcement events which are reported on different time frames (State FY: July 1-June 30; Federal FY: Oct 1-Sept 30).

Source: Utah Department of Public Safety

Adjudication of Alcohol Related Offenses: Driving Under the Influence

AOC provides the AATC with state level data from District Court, Justice Court, and Juvenile Court for: 1) Underage Drinking; 2) Driving Under the Influence; and 3) Over Serving/Consumption of an alcohol product. Justice courts are established by counties and municipalities and have the authority to handle class B and C misdemeanors, violations or ordinances, small claims, and infractions committed within their territorial jurisdiction. District courts are the state trial court of general jurisdiction. The District Court has original jurisdiction to try all civil cases, all criminal felonies, such as homicides, assaults, sex and drug offenses, forgery, arson, and robbery, and misdemeanors in certain circumstances. Finally, the Juvenile Court is a court of special jurisdiction that has exclusive original jurisdiction over youths, under 18 years of age, who violate any federal, state or municipal law, and any child who is abused, neglected or dependent. Cases between the three courts do not overlap.

In calendar year 2018, 7,401 charges for DUI offenses were filed in Justice Court, a decrease of 9% from 2017. Of the cases judged in Justice Court in 2018, 5,981 cases ended in conviction. In District Court, a total of 3,496 charges were filed in calendar year 2018 (an 2.6% increase from 2017), and 2,690 of the cases judged

ended in conviction. In Juvenile Court, 25 charges for DUI offenses were filed in 2018. Dispositions for Juvenile Court cases were not available. Table 7 presents a summary of DUI charges and cases for each of the three courts for 2016-2018.

In order to estimate the conviction rates for cases of DUI judged in both Justice and District Courts, we looked at data provided for fiscal years 2015-2018 by the AOC that are included in the Fifteenth Annual DUI Report to the Utah Legislature by the Utah Commission on Criminal and Juvenile Justice. Table 8 presents a breakout of the number of DUI offense charges filed each fiscal year by disposition in Justice and District Court. Based on these data, the estimated conviction rate for DUI charges heard in Justice Court ranged from 76.7% to 82.1%, while the conviction rate in District Court ranged from 74.7% to 83.5%. For Justice Courts, the estimated conviction rate observed in 2018 was the same as 2017 (which was the lowest of any year through 2011). For District Courts, the estimated conviction rate in 2018 rebounded from the 2017 rate (also the lowest observed rate through 2011) to a rate similar to that of 2016. Estimates were based only on cases where a judgment was rendered (cases with status pending, remanded or transferred, or where the defendant was deceased were not included in the calculation).

Table 7. DUI Adjudication Data from Justice, District and Juvenile Courts 2016-2018 (Calendar Year)

| | Justice Court | | | District Court | | | Juvenile Court | | |
|------------------------------------|---------------|------|------|----------------|------|------|----------------|------|------|
| | 2016 | 2017 | 2018 | 2016 | 2017 | 2018 | 2016 | 2017 | 2018 |
| Charges Filed | 8490 | 8138 | 7401 | 3136 | 3406 | 3496 | 29 | 21 | 25 |
| Offense Convictions (Total) | 6513 | 6435 | 5981 | 2221 | 2398 | 2690 | n/a | n/a | n/a |
| Bail Forfeiture | 11 | 13 | 17 | --- | --- | --- | --- | --- | --- |
| Guilty | 4208 | 4108 | 3925 | 2129 | 2292 | 2549 | --- | --- | --- |
| Guilty Bench | 64 | 54 | 50 | --- | --- | --- | --- | --- | --- |
| Guilty Jury | 41 | 32 | 33 | --- | --- | --- | --- | --- | --- |
| Guilty Plea | 1916 | 1891 | 1637 | 16 | 12 | 12 | --- | --- | --- |
| No Contest | 273 | 329 | 319 | 76 | 94 | 129 | --- | --- | --- |

Source: Utah Administrative Office of the Courts

Adjudication of Alcohol Related Offenses: Driving Under the Influence, Continued

In addition to the court data presented above, the Department of Public Safety's Driver License Division collects data regarding the number of alcohol related driver license suspension/revocation hearings conducted. These data provide an additional metric regarding the number of DUI cases occurring across the state. The DLD is required to suspend or revoke the license of a person who has been convicted or sanctioned for serious alcohol offenses such as DUI, refusal of a chemical test, or "not a drop" (youth) violations. When a driver is arrested for DUI, the license is taken and a 30-day temporary license is issued. Drivers may request a license hearing within 10 days, and the Driver License Division must schedule the hearing within the 30-day period of the temporary license. Table 9 presents the number of hearings requested from FY2013-2018, by violation type. There is a clear decreasing trend in the total number of hearings from 2013 to 2018, highlighting a longer term decreasing trend since 2011 of approximately 27.6% (from 5,686 in 2011, to 4116 in 2018, respectively).

Table 8. Justice, District and Juvenile Court DUI Case Outcomes with Estimated Conviction Rate (FY2015-2018)

| | 2015 | | 2016 | | 2017 | | 2018 | |
|--|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|
| | # | % | # | % | # | % | # | % |
| Justice Court Cases | | | | | | | | |
| Guilty or No Contest | 4,541 | 54.6% | 4,251 | 50.4% | 6,627 | 76.4% | 6,313 | 76.3% |
| Diversion | --- | --- | --- | --- | 1 | 0.0% | 1 | 0.0% |
| Plea in Abeyance | --- | --- | --- | --- | 114 | 1.3% | 135 | 1.6% |
| Dismissed, Not Guilty, or Declined Prosecution | 990 | 11.9% | 1,054 | 12.5% | 1,894 | 21.8% | 1,782 | 21.5% |
| Transferred or Deceased | --- | --- | --- | --- | 38 | 0.4% | 46 | 0.6% |
| Cases Pending | 2,782 | 33.5% | 3,129 | 37.1% | --- | --- | --- | --- |
| Total | 8,313 | 100.0% | 8,434 | 100.0% | 8,674 | 100.0% | 8,277 | 100.0% |
| Estimated Conviction Rate* | --- | 82.1% | --- | 80.1% | --- | 76.7% | --- | 76.7% |
| Number of Justice Courts Reporting | 120 | | 114 | | 116 | | 118 | |
| District Court Cases | | | | | | | | |
| Guilty or No Contest | 1,796 | 75.8% | 2,203 | 76.4% | 2,297 | 70.8% | 2,615 | 76.0% |
| Diversion | 0 | 0.0% | 0 | 0.0% | 1 | 0.0% | 1 | 0.0% |
| Plea in Abeyance | 16 | 0.7% | 28 | 1.0% | 21 | 0.6% | 38 | 1.1% |
| Dismissed, Not Guilty, or Declined Prosecution | 340 | 14.4% | 465 | 16.1% | 756 | 23.3% | 604 | 17.5% |
| Remanded, Transferred or Deceased | 216 | 9.1% | 188 | 6.5% | 168 | 5.2% | 185 | 5.4% |
| Total | 2,368 | 100.0% | 2,884 | 100.0% | 3,243 | 100.0% | 3,443 | |
| Estimated Conviction Rate* | --- | 83.5% | --- | 81.7% | --- | 74.7% | --- | 80.3% |

*Estimated conviction rate is based on cases where a judgment was made. The calculation does not include cases pending judgment, or cases remanded, transferred or when the defendant was deceased.

Source: Utah Administrative Office of the Courts

Table 9. Number of Driver License Division Hearings for Alcohol Violations by Type (FY2013-2018)

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Per Se Violations | 4,475 | 3,826 | 3,940 | 3,800 | 3,722 | 3,448 |
| Not a Drop Violations | 110 | 147 | 80 | 70 | 94 | 95 |
| Refusal to Submit to a Chemical Test | 621 | 491 | 622 | 572 | 606 | 573 |
| Total | 5,206 | 4,464 | 4,642 | 4,442 | 4,422 | 4,116 |

Source: Utah Department of Public Safety, Driver License Division

Justice and District Court DUI Offender Screening and Assessment Process

Screening and Assessment: As part of any sentence for a DUI offense, Utah law requires offenders to participate in a screening, and, if indicated by the screening, an assessment. This information is used to identify possible educational and/or treatment interventions appropriate for the offender. A screening involves gathering information that is used to determine if an individual has a problem with alcohol and/or other drug abuse, and if so, whether an in-depth clinical assessment is appropriate. An assessment is a collection of detailed information concerning the individual’s alcohol and/or other drug abuse, emotional and physical health, social roles, and other relevant areas of the individual’s life. The assessment is used to determine the need for substance use disorder treatment².

Education: The purpose of DUI education is to “address any problems or risk factors that appear to be related to use of alcohol and other drugs and attempt to help the individual recognize the harmful consequences of inappropriate use, with special emphasis placed on the dangers of drinking and driving.”³ Utah DUI offenders sentenced to an educational series attend the PRIME For Life® (PFL) program developed by the Prevention Research Institute (PRI). “PRIME For Life® is a motivational intervention that provides education and strategies for individuals who have experienced problems due to high-risk alcohol or drug use. PFL is an interactive experience designed to motivate and guide individuals toward making low-risk choices and adopting more accurate beliefs about personal risk that will support those low-risk choices. The program provides research-based, low-risk guidelines and assists participants in making choices to best protect what they value.”

Treatment: For a first and second DUI offense, the court may order treatment; for a third or subsequent offense within 10 years, the court must order substance use disorder treatment. “Treatment involves the application of planned procedures to identify and change patterns of behavior that are maladaptive, destructive, and/or injurious to health; or to restore appropriate levels of physical, psychological

and/or social functioning.” The level of treatment needed (e.g., day treatment, outpatient, intensive outpatient, residential) is determined by the assessment on the basis of the severity of the substance use disorder.

Table 10 presents the number of orders for substance use disorder screening and assessment by the District and Justice Courts for fiscal years 2015 to 2018 (for those cases where the values were known), and the number of cases ordered to participate in an education series and/or substance abuse treatment services. As seen in Table 10, the number of screening and assessments ordered by Justice Courts increased slightly from 2015 to 2018 (approximate 1% increase), as did the number ordered to substance abuse treatment (approximate 2% increase). The number ordered to attend an education series decreased further from 2017 to 2018, continuing a decreasing trend back to 2013. For District Courts, all three measures have trended upward, with the total number of screening and assessments increasing dramatically from 2014 to 2018 (approximate 89% increase from 622 in 2014), as well as the number of court orders for an education series (84% increase from 258 in 2014), and court orders for substance abuse treatment (130% increase from 616 in 2014).

⁴ Center for Substance Abuse Treatment, *Screening and Assessment for Alcohol and Other Drug Abuse Among Adults in the Criminal Justice System*, Treatment Improvement Protocol (TIP) Series, #7.

⁵ Utah Sentencing Commission, *DUI Best Sentencing Practices Guidebook*, 2003.

Table 10. Number of DUI Offenders Ordered to Complete Screening, Assessment, Education and Treatment by Justice and District Courts in Utah (2015-2018)

| | 2015 | 2016 | 2017 | 2018 |
|--|-------|-------|-------|-------|
| <i>Justice Court</i> | | | | |
| # of Substance Use Disorder Screening and Assessments Ordered | 4,517 | 4,309 | 4,621 | 4,558 |
| # Ordered to Attend Education Series | 3,480 | 3,419 | 3,223 | 2,985 |
| # Ordered to Attend Substance Abuse Treatment | 2,747 | 2,663 | 2,856 | 3,018 |
| <i>District Court</i> | | | | |
| # of Substance Use Disorder Screening and Assessments Ordered | 980 | 1,046 | 1,001 | 1,173 |
| # Ordered to Attend Education Series | 388 | 383 | 401 | 476 |
| # Ordered to Attend Substance Abuse Treatment | 1,009 | 1,251 | 1,214 | 1,418 |

Source: Utah Administrative Office of the Courts

Alcohol Related Arrests: Liquor Law and Drunkenness Offenses

The number of arrests for liquor law and drunkenness violations is available through the Utah Department of Public Safety, Bureau of Criminal Identification's annual Crime in Utah Report. Liquor law violations are defined as any violation of state or local laws (federal violations are excluded) and ordinances prohibiting the manufacture, sale, purchase, transportation, possession, or use of alcoholic beverages, not including driving under the influence or drunkenness. Drunkenness refers to violations in which an individual drinks alcoholic beverages to the extent that one's mental faculties and physical coordination are substantially impaired (DUIs are excluded). Table 11 presents the number of liquor law and drunkenness arrests in Utah from 2013-2017. The data clearly show a sharp decline in both the number of liquor law arrests and drunkenness arrests (all trends extend back to 2012). As with any arrest indicator, when interpreting the data, it is important to consider whether changes in the data reflect a change in prevalence of the

behaviors or a change in the level of enforcement. In this case, the data may reflect a decrease in the prevalence of liquor law violations and drunkenness, or perhaps, a decrease in enforcement level or priority for these violations (or both).

Table 11. Number of Arrests for Liquor Law and Drunkenness Offenses in Utah 2012-2016

| | Adult | | | | | Juvenile | | | | |
|----------------------------|-------|-------|-------|-------|-------|----------|------|------|------|------|
| | 2013 | 2014 | 2015 | 2016 | 2017 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Liquor Law Offenses | 5,734 | 4,902 | 3,687 | 3,554 | 3,475 | 1,145 | 875 | 787 | 808 | 779 |
| Drunkenness | 4,003 | 4,003 | 3,191 | 3,062 | 3,019 | 126 | 97 | 78 | 87 | 46 |

Source: Utah Department of Public Safety-Bureau of Criminal Identification

Adjudication of Alcohol Related Offenses: Underage Drinking

Based on data provided by the AOC, there were 2,367 charges for underage drinking offenses filed in Justice Court in calendar year 2018. Of the cases judged, 956 cases ended in conviction. In District Court, a total of 254 charges were filed in calendar year 2018, and 98 of the cases judged ended in conviction. In Juvenile Court, there were 153 charges filed for underage drinking offenses (a sharp decline from 311 in 2017). Dispositions for Juvenile Court cases were not available. Table 12 presents a summary of underage drinking charges and cases for each of the three courts for 2016-2018. Overall, there has been a clear and consistent decreasing trend in the number of underage drinking charges filed and the number of convictions for all three courts since 2014 (the first year of data collected by the AATC). More specifically, Justice Court charges files have decreased 33% (n = 3,543), District Court charges have decreased 38% (n = 408), and Juvenile Court charges have decreased a dramatic 79% (n = 734) between 2014 and 2018.

Table 12. Underage Drinking Adjudication Data from Justice, District and Juvenile Courts 2016-2018

| | Justice Court | | | District Court | | | Juvenile Court | | |
|------------------------------------|---------------|------|------|----------------|------|------|----------------|------|------|
| | 2016 | 2017 | 2018 | 2016 | 2017 | 2018 | 2016 | 2017 | 2018 |
| Charges Filed | 2585 | 2614 | 2367 | 279 | 288 | 254 | 460 | 311 | 153 |
| Offense Convictions (Total) | 1187 | 1091 | 956 | 110 | 118 | 98 | n/a | n/a | n/a |
| Bail Forfeiture | 15 | 13 | 12 | --- | --- | --- | --- | --- | --- |
| Guilty | 846 | 745 | 676 | 100 | 102 | 75 | --- | --- | --- |
| Guilty Bench | 17 | 22 | 10 | --- | --- | --- | --- | --- | --- |
| Guilty Plea | 218 | 211 | 166 | 2 | 1 | 1 | --- | --- | --- |
| No Contest | 91 | 100 | 92 | 8 | 15 | 22 | --- | --- | --- |

Source: Utah Administrative Office of the Courts

Violations of the State Alcoholic Beverage Control Act: Over-Serving/Consumption and Sales to Minors

Three agencies provided data to the AATC that shed light on the number of violations among alcohol retailers for over-serving, over-consumption or sales to minors. For off-premise alcohol outlets (grocery stores, convenience stores, gas stations, etc.) the Department of Public Safety (DPS) funds the Utah Eliminating Alcohol Sales to Youth (EASY) compliance check program, which has been implemented since 2007. The State Bureau of Investigation (SBI) conducts

compliance checks and investigations of on-premise alcohol outlets (restaurants, bars, clubs, etc.) for any violations of the state's Alcohol Beverage Control Act, and refers establishments in violation to the Department of Alcoholic Beverage Control (DABC). Both SBI and DABC provided data regarding on-premise compliance checks. Additionally, the State Bureau of Investigation provided data regarding a small number of off-premise compliance checks they conduct each year.

Off-Premise Retail Compliance Checks

Through the DPS EASY program, covert underage buyers (CUBs) attempt to purchase alcohol from off-premise retailers. If a retailer sells to the CUB, they are considered non-compliant and are warned or cited. Another important component of the EASY program is mandatory retail training for anyone who sells or supervises the sale of beer, which is administered by the Division of Substance Abuse and Mental Health. Through this two-pronged approach (education and enforcement), the effectiveness of the program is enhanced. During the 2018 calendar year, a total of 1,296 off-premise compliance checks for underage sales were conducted through the EASY program, with 1,186 resulting in the outlet not selling to youth (compliance rate of 91.5%). Table 13 presents a summary of compliance check data in each of the nine counties that EASY was implemented in for calendar year 2018, while Figure 5 presents historical data from the EASY program, including the number of outlets checked and the compliance rate for checks through fiscal year 2018 (historical data was not available by calendar year). For EASY, 2018 was the year with the fewest number of counties (9) reporting compliance checks since 2014. Previous years ranged from 11 counties (2014

and 2016) to 15 counties (2015). Additionally, the State Bureau of Investigation conducted a small number of off-premise retail store checks (18). This was far fewer than were conducted in 2017 (128). SBI conducts off-premise compliance checks at the request of smaller law enforcement agencies across the state that do not have the capacity to conduct their own checks. Of the 18 compliance checks conducted by SBI, 16 were compliant (89% compliance rate).

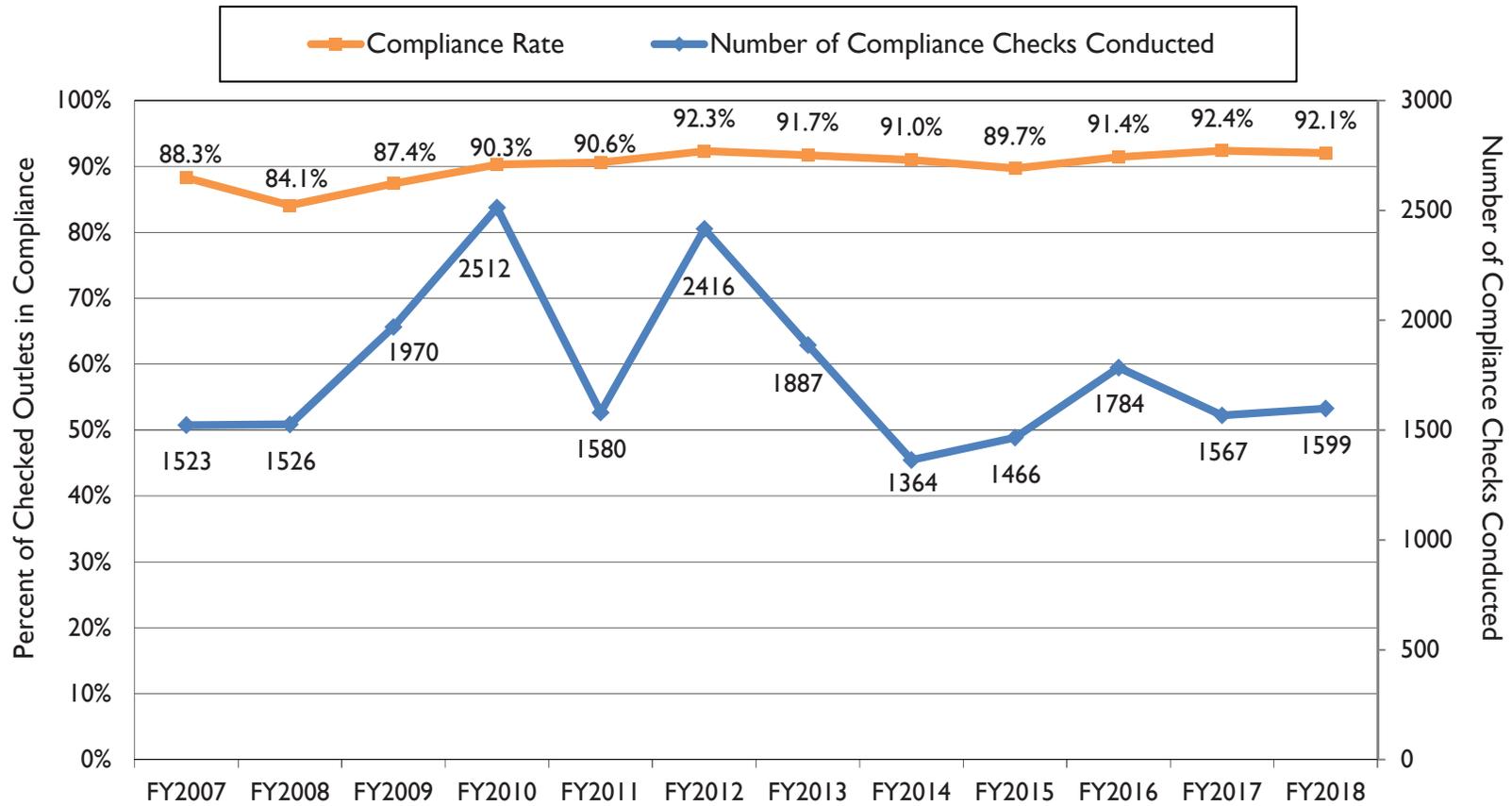
Table 13. EASY Underage Buyer Compliance Check Program: Compliance Rates by County (2018)

| County | Number of Compliance Checks | Number Compliant | Compliance Rate |
|--------------|-----------------------------|------------------|-----------------|
| Box Elder | 41 | 41 | 100.0% |
| Cache | 134 | 127 | 94.8% |
| Davis | 166 | 152 | 91.6% |
| Duchesne | 7 | 7 | 100.0% |
| Salt Lake | 362 | 318 | 87.9% |
| Sevier | 9 | 8 | 88.9% |
| Summit | 77 | 75 | 97.4% |
| Utah | 427 | 391 | 91.6% |
| Weber | 73 | 67 | 91.8% |
| Total | 1296 | 1186 | 91.5% |

Source: Utah Department of Public Safety, Highway Safety Office

Figure 5

EASY Underage Buyer Compliance Check Program: Number of Checks Conducted and Compliance Rates (FY2007-2018)



Source: Department of Public Safety, Highway Safety Office

On-Premise Alcohol Violations

State Bureau of Investigation (SBI) agents make up an Alcohol Enforcement Team (AET) and focus on alcohol enforcement in the State of Utah. The AET focuses primarily on public safety, with an emphasis on service to intoxicated persons, service of alcohol to minors or consumption of alcohol by minors, and DUI. Agents conduct statewide compliance operations and investigations at random or as a result of a tip, complaint or anonymous report of violation(s). If violation(s) are found, the information is gathered and referred to DABC for administrative action and/or local prosecution in the case of a criminal violation. If the commission or department wants the right to initiate or maintain a disciplinary proceeding on the basis of a violation alleged in a report, the department shall notify the licensee by no later than eight business days of the day on which the department receives the report. The DABC initiates disciplinary proceeding by issuance of a Notice of Agency Action, and the assistant attorney general assigned to the department represents the department and commission in the disciplinary proceeding. Ninety-nine percent of violations are settled out of court, meaning that the establishment pays the fine plus administrative cost. The violation stays on record for three years. If repeat violations occur, the penalties increase up to, and including \$25,000 fine and revocation of license. During the 2018 calendar year, total fines assessed in Utah were approximately \$282,000 and administrative costs totaled approximately \$14,934. Administrative costs are put into the State General Fund.

In calendar year 2018, SBI conducted a total of 1,769 alcohol compliance checks of on-premise alcohol outlets (restaurants and bars/clubs/taverns), which included both Covert Underage Buyer (CUB) operations (1,524 visits), as well as AET agent visits without an underage buyer (245 visits). These compliance checks are a combination of both random checks as well as visits resulting from tips and complaints received from community members. As a result of SBI compliance checks, approximately 173 cases were referred to DABC for one or more violations in 2018. A total of 316 violations were associated with the 173 cases (an average of 1.8 violations per case). “Sale to a Minor” was the most common violation; 118 of the 173 non-compliant cases (68%) involved a Sale to a Minor. Conversely, violations for “Sale to an Intoxicated Person” were rare; only two of the 173 cases (~1%) involved Sale to an Intoxicated Person.

Looking specifically at SBI’s CUB operations, SBI agents conducted CUB checks on 1,524 on-premise alcohol outlets, resulting in 107 underage sales (compliance rate of 93.0%). Table 14 provides a breakout of SBI CUB compliance checks by type of outlet (both on-premise and off-premise).

Table 14. State Bureau of Investigation Covert Underage Buyer (CUB) Compliance Checks by Type of Outlet (2016-2018)

| | Restaurants | | | Bars/Clubs | | | Retail Stores | | |
|----------------------------------|-------------|-------|-------|------------|-------|-------|---------------|-------|-------|
| | 2016 | 2017 | 2018 | 2016 | 2017 | 2018 | 2016 | 2017 | 2018 |
| Number of Outlets Visited | 1370 | 1823 | 1292 | 314 | 368 | 232 | 55 | 128 | 18 |
| Number Sold to CUB | 183 | 185 | 99 | 10 | 27 | 8 | 47 | 102 | 2 |
| % in Compliance with Laws | 86.6% | 89.9% | 92.3% | 96.8% | 92.7% | 96.6% | 85.5% | 79.7% | 88.9% |

Source: Utah Department of Public Safety, State Bureau of Investigation

Consequences of Alcohol Use: Abuse/Dependence, Treatment, and Mortality/Morbidity

This section of the report focuses on data that highlight some of the consequences of alcohol use on individuals and the state. Included are data examining the percent of individuals within the state that are dependent and/or abusing alcohol or in need for alcohol treatment, the number of admissions to

state funded treatment programs for alcohol abuse, and indicators of mortality and morbidity related to alcohol. While these data do not provide a direct metric for understanding the economic costs of alcohol use to the State of Utah, they do begin to shed light on these costs to the state (as well as the emotional and social costs of alcohol consumption).

Estimates of Adult Abuse or Dependence on Alcohol

The National Survey on Drug Use and Health (NSDUH) provides state level estimates of the number of adults who were categorized as being dependent or abusing alcohol in the past year at the time of the survey. Dependence or abuse categorization is based on definitions found in the 4th edition of the American Psychiatric Association's Diagnostic and Statistical Manual of Mental Disorders (DSM-IV). Based on NSDUH data, 5.3% of Utah adults 18 and older (approximately 114,000) were estimated to be dependent or abusing alcohol in 2017 (vs. 5.8% for the nation). This was an increase from estimates for 2016, essentially returning to

the 2015 estimate. Rates for younger adults (18-25 years old) were much higher, with 8.9% of adults in that age group categorized for dependence/abuse. Table 15 presents historical data, as well as breakouts by age for alcohol dependence and abuse. Rates have fluctuated in recent years with an upward trend between 2012 and 2014, followed by a downward trend between 2014 and 2016, and an uptick from 2016 to 2017. Note: due to increases in the population of the state over time, rate provides a better indicator for comparisons over time, while the estimated number of adults provides a more tangible indicator of the magnitude of the problem.

Table 15. The Estimated Number and Rates of Adults in Utah with Dependence or Abuse of Alcohol by Age (2014-2017)

| | 2014 | | 2015 | | 2016 | | 2017 | |
|--------------------------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|
| | Est. Number | Percent |
| 18-25 years | 42,000 | 11.3% | 37,000 | 9.9% | 34,000 | 8.7% | 35,000 | 8.9% |
| 26+ years | 75,000 | 4.6% | 68,000 | 4.1% | 62,000 | 3.7% | 79,000 | 4.5% |
| Total (18+ years) | 117,000 | 5.9% | 105,000 | 5.2% | 96,000 | 4.6% | 114,000 | 5.3% |

Source: National Survey of Drug Use and Health (NSDUH)

Estimates of Youth in Need of Alcohol Treatment

The Utah Student Health and Risk Prevention Survey provides estimates of the percentage of youth that are in need of alcohol treatment. Treatment need is based on indication of a high volume of alcohol use during the past 30 days (10+ occasions), as well as responses to six items measuring the extent to which alcohol use interfered or disrupted aspects of the youth's life during the past year (e.g., spent more time using than expected, others objected to your use, using to relieve feelings of sadness, anger or boredom, etc.). Table 16 presents need for alcohol treatment estimates for Utah youth from 2011-2017 by grade level. Rates of treatment need, unsurprisingly, increase with grade (age) similarly to alcohol use rates. Overall, rates of alcohol treatment need in youth have declined steadily over time for all grades, which is consistent with the decreasing youth alcohol use trends presented earlier in this report.

Table 16. Estimates of Utah Youth in Need for Alcohol Treatment by Grade (2011-2017)

| | 2011 | 2013 | 2015 | 2017 |
|--|------|------|------|------|
| 6th Grade | 0.2% | 0.1% | 0.1% | 0.1% |
| 8th Grade | 1.6% | 1.0% | 0.9% | 0.6% |
| 10th Grade | 3.9% | 3.1% | 2.5% | 2.5% |
| 12th Grade | 6.0% | 4.2% | 3.8% | 3.4% |
| Grades 6, 8, 10 & 12 Combined | 2.9% | 2.1% | 1.7% | 1.6% |

Source: Utah Student Health and Risk Prevention Survey

Admissions into State Funded Alcohol Treatment Programs

The Department of Human Services, Division of Substance Abuse and Mental Health (DSAMH) provides data regarding the number of admissions to state funded substance abuse treatment programs, including a breakout of treatment admissions based on primary substance of use. Traditionally, alcohol has been indicated as the primary substance of use at admission for more individuals than any other substance. However, in 2018, admissions for alcohol as primary substance of use were third for state funded treatment admissions (22% of all cases). 2016 marked the first year where alcohol was surpassed as the primary substance of use for state funded treatment admissions (methamphetamine edged out alco-

hol), and in 2018, heroin and methamphetamine had higher numbers than alcohol. Table 17 presents the number of treatment admissions in state funded alcohol treatment programs from 2015-18, as well as the percent of all treatment admissions with alcohol indicated as the primary substance. In 2018, there were 4,064 admissions for individuals with alcohol as the primary substance of use to state funded treatment programs. Since 2012, the number of alcohol treatment admissions has decreased from 6,371 to 4,064 (a 36.2% decrease). The total number of treatment admissions were also decreasing from 2012 (17,264) to 2015 (14,923), but have increased since 2015, with a dramatic increase in admissions observed from 2017 (15,128) to 2018 (18,465).

Table 17. Adults in State Funded Alcohol Treatment Programs (2015-2018)

| | 2015 | | 2016 | | 2017 | | 2018 | |
|---|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|
| | Number | % of Total Admissions |
| Adults in State Funded Alcohol Treatment Programs | 4,389 | 29.4% | 3,904 | 25.8% | 3,584 | 23.7% | 4,064 | 21.9% |
| Total Number of Adults in State Funded Treatment Programs (All Substances) | 14,923 | 100.0% | 15,111 | 100.0% | 15,128 | 100.0% | 18,572 | 100.0% |

Source: Utah Department of Human Services, Division of Substance Abuse and Mental Health

Alcohol Related Mortality and Morbidity Indicators

In addition to abuse and dependence, alcohol is associated with a variety of health consequences, both acute and chronic. Table 18 presents data for several types of mortality and morbidity associated with alcohol use. These data were queried from the Utah Department of Health's Indicator Based Information System (IBIS). Emergency department (ED) encounters for alcohol overdose provide a useful measure of acute alcohol poisoning incidents⁴. Likewise, alcohol poisoning fatalities and homicides⁵ provide acute mortality data related to alcohol use. The other mortality indicators represent chronic health issues that result from longer term alcohol use.

Another important consequence of alcohol use that results in loss of life, injury and property damage is alcohol related motor vehicle crashes. In 2016 (most recent data available), there were 1,970 ARMVC total. The 2016 data marks a downtrend starting in 2014, reversing an increasing trend observed between 2012 and 2014). Of the total ARMVC for 2016, 32 resulted in fatality and 846 resulted

in injury. Table 19 presents the number and rate of alcohol related motor vehicle crashes (ARMVC) resulting in: a) fatalities, b) injury, and c) fatalities, injury or property damage (all ARMVC) from 2013 to 2016. It is important to note that 2012 and 2013 were marked by very low numbers of fatal alcohol crashes, and the increase in 2014 represented a rebound back to pre-2011 levels. Figure 6 presents data that provide a greater historical perspective on fatal and injury ARMVC. Based on these data, it is apparent that both the rate of injury ARMVC and the rate of fatal ARMVC declined overall from 2008 to 2012 (dramatically for injury, and with some fluctuation from year to year for fatalities), and 2014 was marked by the highest rates observed in the past nine years.

⁴ It is important to note that the ED encounters database switched from an ICD-9 based coding system to ICD-10 in the third quarter of 2015. As a result, 2015 data are not available, and pre-2015 data are not comparable to data queried after 2015.

⁵ According to the Center for Disease Control and Prevention's Alcohol-Related Disease Impact Program, approximately 47% of homicides are attributable to alcohol use.

Table 18. Rates and Numbers of Alcohol Related Mortality and Morbidity in Utah (2013-2017)

| | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | |
|---|--------|-------------------|--------|-------------------|---------------|-------------------|------------------|-------------------|------------------|-------------------|
| | Number | Rate per 100,000* | Number | Rate per 100,000* | Number | Rate per 100,000* | Number | Rate per 100,000* | Number | Rate per 100,000* |
| Alcoholic Liver Disease (Cirrhosis) Fatalities (ICD-10: K70) | 100 | 3.79 | 126 | 4.89 | 140 | 5.28 | 140 | 4.94 | 136 | 4.89 |
| Other Cirrhosis Fatalities (ICD-10: K73, K74) | 93 | 3.89 | 96 | 3.85 | 102 | 3.94 | 93 | 3.49 | 107 | 3.92 |
| Alcoholism Fatalities (ICD-10: F10) | 84 | 3.29 | 83 | 3.16 | 85 | 3.04 | 94 | 3.34 | 86 | 3.05 |
| Homicides (ICD-10: X85-Y09, Y87.1) | 52 | 1.88 | 58 | 2.00 | 58 | 1.86 | 80 | 2.54 | 79 | 2.57 |
| Alcohol Poisoning Fatalities (ICD-10: X45, Y15, T51.0, T51.1, T51.9) | 18 | 0.75 | 21 | 0.80 | 27 | 1.04 | 34 | 1.24 | 27 | 0.96 |
| Emergency Department Encounters for Alcohol Overdose (Through 2014-ICD-9: 980; 2016 and later-ICD-10: T51) | 575 | 20.7 | 559 | 19.9 | Not available | | 733 ¹ | 25.3 ¹ | 640 ¹ | 21.4 ¹ |

*Age-adjusted rates per 100,000 population

¹The ED Encounters database switched from ICD-9 based coding to ICD-10 coding in 2015. As a result, data through 2014 may not be directly comparable to data from 2016 and beyond.

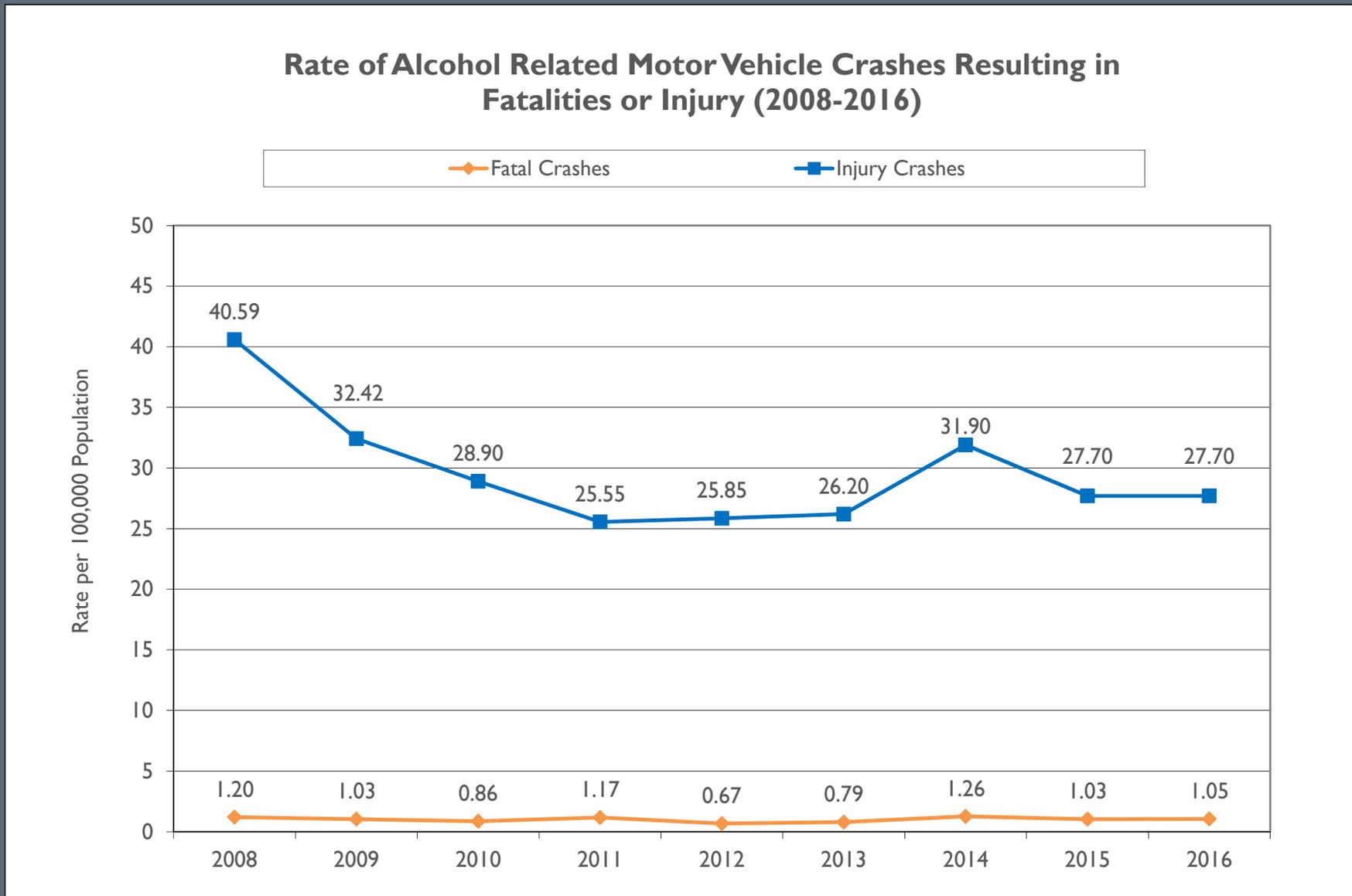
Source: Utah Department of Health

Table 19. Alcohol Related Motor Vehicle Crashes in Utah (2012-2016)

| | 2013 | | 2014 | | 2015 | | 2016 | |
|--|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|
| | Number | Rate per 100,000 pop |
| Alcohol Related Motor Vehicle Crashes-Fatal | 23 | 0.79 | 37 | 1.26 | 31 | 1.03 | 32 | 1.05 |
| Alcohol Related Motor Vehicle Crashes-Injury | 760 | 26.18 | 938 | 31.87 | 830 | 27.7 | 846 | 27.73 |
| Alcohol Related Motor Vehicle Crashes-Total (Fatal, Injury and Property Damage) | 1,736 | 59.79 | 2,130 | 72.34 | 2,021 | 67.46 | 1,970 | 64.56 |

Source: Utah Department of Public Safety

Figure 6



Costs of Excessive Alcohol Consumption in Utah

In this section of the report, we attempt to highlight some of the costs of alcohol consumption in Utah. Clearly, excessive alcohol use can exact a high cost on those who use it, their families, communities, and society overall. These costs may be

expressed in terms of dollars and cents, negative behavioral health outcomes, physical disease, and/or loss of human lives. Highlighted below are findings from two studies that examine the costs of alcohol from different perspectives applied to the State of Utah.

Alcohol Attributable Deaths and Years of Potential Life Lost

Excessive alcohol use⁶ is one of the top five preventable causes of death in the United States. In 2014, a study conducted by The Council of State and Territorial Epidemiologists, examined data from 11 states (California, Florida, Michigan, Nebraska, New Mexico, North Carolina, North Dakota, South Dakota, Utah, Virginia and Wisconsin) that shed light on the costs of excessive or risky alcohol use⁷ in terms of human lives. The first indicator, alcohol attributable deaths (AAD), provides an estimate of the number of deaths that are attributable to excessive alcohol use based on the number of actual deaths associated with 54 causes known to be attributable to alcohol to some degree. In simplified terms, the first step in calculating AADs consists of multiplying the number of deaths for each cause by an alcohol-attributable fraction (AAF) that represents the estimated proportion of deaths from that cause that is attributable to alcohol use. AAFs can range from 1.0 (causes of death that are 100% attributable to alcohol such as alcohol poisoning) to .01 (causes of death that are only 1% attributable to alcohol). Next, the number of attributable deaths for each of the 54 causes is added to provide the total number of AADs. The second indicator, years of potential life lost (YPLL) as a result of excessive alcohol use, is a statistic that estimates the number of years those who died from alcohol related causes might have lived had they not died at the age they did from one of the 54 alcohol related causes of death. YPLL is based on the life expectancy of the individual at the time of their death to estimate the number of years an individual died prematurely had they lived to life expectancy. For example, YPLL for a male who dies at the age of 25 in an alcohol related motor vehicle crash would be 50 years because the life expectancy of a 25 year old male is 75 years ($75 - 25$ [actual age of death] = 50 YPLL).

Based on the data included in the study, there were 513 alcohol attributable deaths in Utah between 2006-2010, representing a rate of 22.4 deaths per 100,000 population. While Utah's rate was the lowest of the 11 states that participated in the study, it was not an outlier. Specifically, Utah's rate was similar to those of both Virginia (22.8) and Nebraska (23.7). For further reference, the median rate across the 11 states was 28.5 per 100,000 population, and the highest rate was in New Mexico (50.9). In regards to YPLL, there were 15,760 YPLL to excessive alcohol use in Utah between 2006-2010, a rate of 634 YPLL per 100,000 population. Again, Utah's rate was the lowest of the 11 states in the study, and again similar to the rates in Virginia and Nebraska. The median YPLL rate for the 11 state sample was 823 YPLL per 100,000 population, with New Mexico having the highest rate (1,534).

In summary, excessive alcohol use was responsible for 513 preventable deaths and 15,760 YPLL in Utah between 2006 and 2010. Given the increase in the state's population from 2010 to 2016 (approximately 290,000 additional residents), the annual toll excessive alcohol use in human lives has certainly increased since these data were compiled. Clearly, even in Utah where alcohol use rates and alcohol morbidity/mortality are low relative to the nation, the cost of excessive alcohol use in human lives is substantial.

⁶ Excessive alcohol use was defined as: binge drinking (4 or more drinks per occasion for women; 5 or more drinks per occasion for men), heavy drinking (more than 1 drink per day on average for women; more than 2 drinks per day on average for men), any alcohol consumption by individuals under the age of 21, and any alcohol consumption by pregnant women.

⁷ Gonzales, K. et al. (2014). *Alcohol-Attributable Deaths and Years of Potential Life Lost – 11 States, 2006-2010*. Morbidity and Mortality Weekly Report, 63, 213-216.

Economic Costs of Excessive Alcohol Consumption

A 2011 study published in the *American Journal of Preventive Medicine*⁸ estimated the costs associated with excessive alcohol consumption in the United States in 2006. The study builds on previous studies that estimate the cost of alcohol abuse using guidelines for a “cost of illness” methodology widely used in estimating the economic burden of various diseases. Based on data examined in the study, the estimated economic cost of excessive alcohol use in the United States in 2006 was \$223.5 billion, which equated to approximately \$1.90 per standard alcoholic drink consumed. The study defined excessive alcohol use as any of the following: a) binge drinking (4 or more drinks in a row per occasion for women; 5 or more drinks for men), b) heavy drinking (an average of more than 1

drink per day for women; more than 2 drinks per day for men), c) any underage alcohol consumption, and d) any alcohol consumption by pregnant women. An in-depth analysis of alcohol related cost was conducted by examining the cost of a wide array of alcohol related consequences within the following categories: a) health care, b) productivity losses, and c) other effects such as property damage. Table 20 provides examples of the cost items included in each of the categories included in the study.

⁸ Bouchery, E.E., Harwood, H.J., Sacks, J.J., Simon, C.J., & Brewer, R.D. (2011). Economic Costs of Excessive Alcohol Consumption in the U.S., 2006. *American Journal of Preventive Medicine*, 41(5), 516-524.

Table 20. Cost Categories and Example Cost Items Included in Analyses of the Economic Costs of Excessive Alcohol Consumption

| Category | Examples |
|---|--|
| Health Care Costs <i>associated with treatment and prevention services, and alcohol related disease</i> | <i>Specialty care for alcohol abuse/dependency, Hospitalizations for 54 conditions associated with alcohol attributable deaths, Fetal alcohol syndrome, Health insurance administration, Alcohol prevention and research, etc.</i> |
| Lost Productivity Costs <i>due to alcohol related illness, disability or death</i> | <i>Impaired work productivity, Impaired home productivity, Mortality/Loss of life, Absenteeism, Incarceration of perpetrators, Crime victims, etc.</i> |
| Other Effects of Alcohol <i>including property damage, criminal justice costs, etc.</i> | <i>Criminal justice, Motor vehicle crashes, Fire losses, Crime victim property damage, Fetal alcohol syndrome-special education costs, etc.</i> |

Economic Costs of Excessive Alcohol Consumption, Continued

The study provides a breakdown of the costs of excessive alcohol consumption both regarding cost categories as well as who bears the costs. Of the \$223.5 billion associated with excessive alcohol consumption, the majority (72.2%) of alcohol related costs were associated with lost productivity. Health care costs came in a distance second place (11%), followed closely by criminal justice costs (9.4%), and finally other effects (7.5%). In terms of who bears the cost of excessive alcohol, costs were attributed to four entities: a) the federal government, b) state governments, c) the alcohol user and family, or d) others in society. The largest burden of excessive alcohol use costs were bore by the alcohol user/family (41.5%), followed by state governments (23.9%), the federal government (18.2%), and others in society (16.3%). From a cost per drink perspective, the cost to state governments was approximately \$0.45 per drink, and \$0.35 per drink for the federal government.

Using the per drink cost estimate for state governments from the study, it is possible to estimate the economic cost of excessive alcohol consumption in Utah. The National Institute on Alcohol Abuse and Alcoholism (NIAAA) tracks alcohol consumption at the state level through alcohol sales data collected in the Alcohol Epidemiological Data System (AEDS). In Utah, estimates of wine and spirits (liquor) consumption are collected by NIAAA from the state’s DABC. Beer

consumption estimates are based on industry sales/shipment data provided by the Beverage Information Group which tracks volumes of alcoholic beverage shipment data for each state. (Industry estimates are more useful for beer sales because the Utah DABC tracks the sale of “heavy beers” sold at state liquor stores, and does not track 3.2% beer sold at grocery stores, restaurants, and other retail outlets which accounts for the majority of beer consumed.) For 2017 (most recent data available), the AEDS reported that approximately 38.9 million gallons of alcohol were consumed in Utah (82.3% of which was beer, 9.4% wine, and 8.3% spirits), equating to approximately 3.2 million gallons of ethanol (pure alcohol)⁹. Based on these alcohol consumption data, there were approximately 689.9 million “standard drinks” (SD) of alcohol consumed in Utah in 2017¹⁰. Using the study estimates of state burden (\$0.45 per standard drink), the cost of excessive alcohol use to the State of Utah was over \$310 million in 2017. Table 21 presents the estimates of the costs of excessive alcohol use in Utah by category and burden.

⁹ http://pubs.niaaa.nih.gov/publications/surveillance104/tab2_14.htm

¹⁰ A standard drink contains .6 fluid ounces of pure alcohol (ethanol). A typical beer is equal to one standard drink, as would a 5 ounce serving of wine, or a 1.45 ounce serving of 80 proof liquor.

Table 21. Estimated Costs of the Excessive Use of Alcohol in Utah in 2016

| Category | Formula | Amount |
|---|---|-----------------------|
| State Government Burden | State = 689.9 (SD) * \$0.45 per drink | \$310 million |
| Federal Government Burden | Federal = 689.9 * \$0.35 per drink | \$241 million |
| Alcohol User (and Family) Burden | User = 689.9 * \$0.79 per drink | \$545 million |
| Others in Society Burden | Others = 689.9 * \$0.31 per drink | \$214 million |
| Total Costs of Excessive Alcohol in Utah | Total = 689.9 * \$1.90 per drink | \$1.31 billion |

Environmental Strategies for Reducing Excessive Alcohol Consumption in Utah

Increased focus on strategies recommended by the Community Preventive Services Task Force in The Community Guide could reduce the frequency, intensity, and ultimately the prevalence of binge drinking, as well as the health and social costs related to it. The Community Preventive Services Task Force is an independent body of public health and prevention experts. The Task Force findings and recommendations for intervention strategies to prevent excessive alcohol consumption are based on systematic reviews of the available evidence. Below are five of the ten recommended strategies and how they are employed in Utah¹¹.

Strategies to increase alcohol prices have proven effective in reducing consumption, leading to fewer deaths and injuries due to motor vehicle crashes, liver disease, violence, and other alcohol-related problems. For every 10% increase in price, alcohol consumption is expected to decrease by more than 7 percent. Utah directly controls the sale of alcoholic beverages at both the retail and wholesale levels. Recent changes to Utah legislation increased the markup on spirituous liquor, wine, and heavy beer by 2 percent¹².

Commercial host liability laws are laws that permit alcohol retail establishments to be held liable for injuries or harms caused by illegal service to intoxicated or underage customers. In states with commercial host liability there was a median 6.4 percent reduction in deaths resulting from motor vehicle crashes. According to the CDC's Prevention Status Report on Alcohol Related Harms, as of January 1, 2015, Utah had commercial host liability with major limitations. A state's commercial host liability law was considered to have major limitations if it 1) covered underage patrons or intoxicated adults but not both, 2) required increased evidence for finding liability, 3) set limitations on damage awards, or 4) set restrictions on who may be sued¹³.

Regulation of alcohol outlet density refers to the monitoring of the number and concentration of alcohol retailers (e.g. bars, restaurants, and liquor stores) in an area. Higher alcohol outlet density is associated with excessive alcohol use and related harms, including injuries and violence. On the local level, alcohol outlet density is often regulated by licensing or zoning regulations. In Utah the total number of liquor stores is also tied to the state population. One store is permitted for every 48,000 citizens¹⁴.

Enhanced enforcement of laws prohibiting sales to minors through retailer compliance checks and sanctions is effective in reducing sales of alcohol to minors in commercial settings by a median of 42 percent. In CY2017, Utah had a compliance rate of 91.3 percent for off-premise compliance checks for underage sales through the Eliminate Alcohol Sales to Youth (EASY) Program.

Maintaining existing limits on the hours during which alcoholic beverages are sold at on premise outlets is also recommended as another strategy for preventing alcohol-related harms. Increasing hours of sale by two or more hours is associated with an increase in alcohol related harms. Utah has limits on hours of sale depending on the license type. Recent legislation modified hours of sale for certain on premise outlets to be increased by 1 hour.

¹¹ Community Preventive Services Task Force Community Guide, Alcohol Section

¹² Utah State Legislature, 2017, House Bill 442: Alcohol Amendments

¹³ Centers for Disease Control, Prevention Status Reports, Alcohol Related Harms, Utah

¹⁴ Utah Department of Alcoholic Beverage Control

Limitations and Future Directions

The annual AATC report continues to provide updated data that serve as a solid foundation for alcohol policy discussion. The data presented here afford policy makers the opportunity to understand the impact of alcohol consumption in Utah on a variety of levels. In particular, the report provides a valuable summary of: a) alcohol consumption rates among Utah youth and adults, b) alcohol related arrests and court charges associated with DUI, underage drinking, and violations of the state's Alcoholic Beverage Control Act, c) mortality and morbidity associ-

ated with alcohol use in our state, and d) considerations regarding the costs of excessive alcohol use in our state.

The AATC will continue to identify additional data that are relevant to the committee's mission, and present these data in future editions. Additionally, the AATC would like to again solicit feedback from the governor and the Legislature regarding how to make the report more useful in future editions.

Attachments

Acronyms Alcohol Abuse Tracking Committee

| <u>Acronym</u> | <u>Description</u> |
|----------------|--|
| AAD | Alcohol Attributable Deaths |
| AATC | Alcohol Abuse Tracking Committee |
| AEDS | Alcohol Epidemiological Data System |
| AET | Alcohol Enforcement Team |
| AOC | Administrative Office of the Courts |
| ARMVC | Alcohol Related Motor Vehicle Crashes |
| BRFSS | Behavioral Risk Factor Surveillance System |
| CCJJ | Commission on Criminal and Juvenile Justice |
| CDC | Center of Disease Control and Prevention |
| COVERT | Undercover |
| CUB | Covert Underage Buyer |
| DABC | Department of Alcoholic Beverage Control |
| DHS | Department of Human Services |
| DLD | Driver License Division |
| DOH | Department of Health |
| DPS | Department of Public Safety |
| DSAMH | Division of Substance Abuse and Mental Health |
| DUI | Driving Under the Influence |
| DTS | Department of Technology Services |
| EASY | Eliminating Alcohol Sales to Youth |
| Epi Profile | Utah State Substance and Abuse Epidemiological Profile |
| IBIS | Indicator Based Information System (Utah Department of Health) |
| NIAAA | National Institute on Alcohol Abuse and Alcoholism |
| NSDUH | National Survey on Drug Use in Households |
| PFL | PRIME For Life® |
| PRI | Prevention Research Institute |
| SBI | State Bureau of Investigation |
| SD | Standard Drink (approximately .6 fluid ounces of pure alcohol) |
| SEOW | Statewide Epidemiological Outcome Workgroup |
| SHARP | Student Health and Risk Prevention (survey) |
| UHSA | Utah Highway Safety Office |
| USAAB+ | Utah Substance Abuse and Mental Health Advisory Council |
| YPLL | Years of Potential Life Lost |

Alcohol Abuse Tracking Committee Participants
(updated June 2019)

| | | | |
|---------------|--|--------------|--|
| Bach Harrison | Edward Ho, Director of Program Evaluation Services (SEOW Contractor) | 801-359-2064 | ed@bach-harrison.com |
| USAAV+ | Mary Lou Emerson, Director | 801-538-1921 | memerson@utah.gov |
| CCJJ | Ben Peterson, Director of Research and Data (DUI Report) | 801-538-1031 | benpeterson@utah.gov |
| Corrections | Mike Haddon, Director | 801-545-5913 | mhaddon@utah.gov |
| Courts | Judge Mary Noonan, Interim Utah State Court Administrator | 801-578-3816 | mnoonan@utcourts.gov |
| | Heather Marshall, Analyst* | 801-578-3825 | heathernm@utcourts.gov |
| DABC | RuthAnne Oakey-Frost, Director of Compliance | 801-977-6805 | rfrost@utah.gov |
| DHS DSAMH | Brent Kelsey, Assistant Division Director | 801-538-4305 | bkelsey@utah.gov |
| | Craig PoVey, Administrator (SEOW, SHARP) | 801-538-4354 | clpovey@utah.gov |
| | Holly Watson, Program Manager (Alcohol Training)* | 801-538-4233 | hwatson@utah.gov |
| DOH | Tamara Hampton | 801-538-6111 | thampton@utah.gov |
| | Marc Babitz, Deputy Director (Health, BRFSS) | 801-273-6602 | mbabitz@utah.gov |
| | Michael Friedrichs, Epidemiology Manager | 801-538-6244 | mfriedrichs@utah.gov |
| | Lauren Radcliffe, Alcohol Epidemiologist | 801 538-6554 | lradcliffe@utah.gov |
| DPS | Jess Anderson, Commissioner | 801-965-4062 | jessanderson@utah.gov |
| | Brian Redd, Division Director (SBI) | 801-532-2168 | bredd@utah.gov |
| | Kim Gibb, Director of Legislative and Govt. Affairs | 801-965-4018 | kgibb@utah.gov |
| | Jill Sorensen, Program Specialist II (UHSO, EASY) | 801-903-7078 | jsorensen@utah.gov |
| | Colonel Mike Rapich, Deputy Commissioner (Utah Highway Patrol) | 801-965-4458 | mrpich@utah.gov |
| DTS | Phil Bates, Director | 801-209-9343 | pbates@utah.gov |
| | Mike Sadler, Information Technology Director | 801-965-4822 | msadler@utah.gov |
| DWS | Drew Maxfield, Business Analyst Supervisor | 801-309-5335 | mamaxfi@utah.gov |
| MADD | Art Brown | 801-694-0219 | brown.art@gmail.com |
| Utah County | Rebecca Winkel | | winkel.rebecca@gmail.com |
| | Chantelle Carter | | ChantelleC@utahcounty.gov |

*For informational purposes only

Alcohol Abuse Tracking Committee Resources
(updated June 2019)

| | |
|--|---|
| Alcohol Epidemiological Data System | https://pubs.niaaa.nih.gov/publications/surveillance.htm |
| Parents Empowered | http://www.parentsempowered.org |
| CCJ DUI Annual Report | http://www.jrsa.org/pubs/sac-digest/vol-29/ut-2018-dui.pdf |
| Mothers Against Drunk Driving | http://www.madd.org |
| Utah Department of Public Safety | |
| - Administrative Services | http://publicsafety.utah.gov/admin |
| - Driver License Division | http://dld.utah.gov/ |
| - State Bureau of Investigation (Alcohol Enforcement) | http://sbi.utah.gov/alcohol-enforcement-team/ |
| - Highway Safety | http://highwaysafety.utah.gov/ |
| EASY | http://highwaysafety.utah.gov/drunkdiriving/easy/ |
| Impaired Driving | http://highwaysafety.utah.gov/drunkdiriving/impaired-driving/ |
| DABC | https://abc.utah.gov/ |
| Utah Department of Health | |
| - Indicator Based Information System | http://health.utah.gov/ http://ibis.health.utah.gov/ |
| Utah State Courts | http://www.utcourts.gov/index.html |
| SEOW Social Indicators Data System | http://indicators.bach-harrison.com/utsocialindicators/ |
| SHARP Survey | http://dsamh.utah.gov/data/sharp-student-use-reports/ |
| BRFSS | https://www.cdc.gov/brfss/brfssprevalence/index.html |
