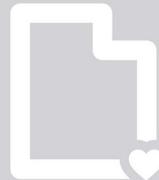


Alcohol Abuse Tracking Committee (AATC)



Utah Department of
Health & Human
Services

2022 REPORT

JUNE 2022

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Purpose of the Report

This report is the ninth 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. The Committee is made up of several Divisions, Agencies, Department, Committees, Organizations, and individuals throughout Utah. In May 2022, there were 21 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 determine if data are being collected, and if not, how it can be collected in the following areas:

53-1-119(6)

- (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 2021, with some indicators referring to fiscal year 2021 (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

The COVID-19 Pandemic Data Considerations

Starting in March of 2020 the effects of the COVID-19 Pandemic were felt in Utah. As with all other aspects of life in 2020, public health protocols and restrictions intended to slow the transmission of COVID-19 disrupted business as usual. The closures of schools and businesses, group size limits, and social distancing protocols affected almost all aspects of life. While pandemic related restrictions eased, the pandemic continued to have a significant impact on life in Utah throughout most of 2021 as well. These impacts can be seen in the data for 2020 and 2021 presented in this report, and may make interpretation of these data relative to previous years challenging. We encourage readers to think critically, and when appropriate, collect additional contextual information about the specific data being examined when trying to make comparisons between pre-pandemic and post pandemic years.

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 typically 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 2021. 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 at the time of publication are from 2020.

Youth Alcohol Use

Table 1 presents youth alcohol use rates in Utah from 2017 to 2021, as well as rates of drinking and driving and riding with a driver¹ 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 2021. For example, the 30 day use rate in 2021 for youth in grades 8th, 10th and 12th combined was 5.3% in Utah, while the national rate for the same grades was 15.1%. Figure 1 presents youth alcohol use trends in Utah from 2005 to 2021.

¹ This item was discontinued from the survey in 2019.

Figure 1

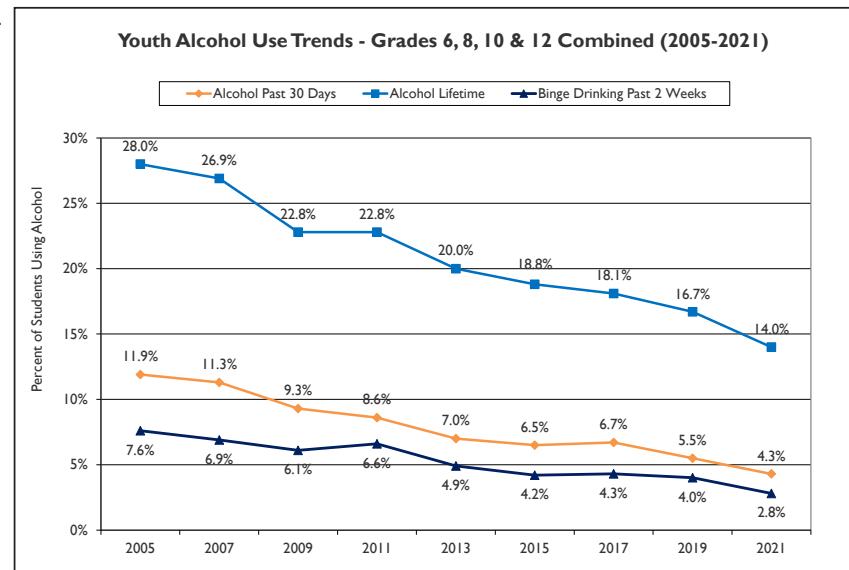


Table 1. Utah Youth Alcohol Use Rates and Related Behaviors by Grade (2017-2021)

	6th Grade			8th Grade			10th Grade			12th Grade			Grades 6, 8, 10 & 12 Combined		
	2017	2019	2021	2017	2019	2021	2017	2019	2021	2017	2019	2021	2017	2019	2021
Youth Alcohol Use-Past 30-Day	0.9%	0.7%	1.0%	3.2%	3.6%	3.2%	8.9%	7.0%	4.7%	14.7%	11.1%	8.4%	6.7%	5.5%	4.3%
Youth Alcohol Use-Lifetime	6.0%	5.9%	6.9%	12.5%	12.8%	11.1%	23.4%	20.8%	16.6%	31.8%	28.9%	22.0%	18.1%	16.7%	14.0%
Youth Binge Drinking (Past 2 weeks)	0.9%	1.4%	1.3%	2.6%	3.3%	2.3%	5.5%	4.7%	2.8%	8.6%	6.9%	4.9%	4.3%	4.0%	2.8%
Youth Drinking And Driving	0.5%	0.4%	n/a	1.2%	1.2%	0.8%	2.2%	1.5%	1.1%	3.0%	2.3%	2.0%	1.8%	1.4%	1.3%
Youth Riding With Drinking Driver	5.4%	n/a	n/a	7.1%	n/a	n/a	8.7%	n/a	n/a	8.7%	n/a	n/a	7.7%	n/a	n/a

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. 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 2021 reached a new low of 4.3%. However, 4.7% of Utah 10th graders and 8.4% of 12th graders indicated having used alcohol at least once in the past 30 days. This equates to approximately 2,500 10th graders and 4,500 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 among Utah youth who do drink alcohol, a high proportion engage in binge drinking. In 2021, almost 50% of 8th, 10th and 12th graders who reported drinking alcohol in the past 30 days also reported that they binge drank in the past two weeks. 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, unintentional injuries, becoming a victim of violence, and abuse and dependence².

² <http://www.cdc.gov/alcohol/faqs.htm>

Adult Alcohol Use

Table 2 presents rates of adult alcohol use in Utah from 2018 to 2020 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 2021, 30.9% of adults in Utah reported using alcohol in the past 30 days vs. 52.9% 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 (an estimated 36.5% of Utah drinkers reported binge drinking vs. 29.7% for the U.S.). Trend data for the state suggest that rates of adult alcohol use (both 30 day use and binge drinking) have remained relatively steady over time. Please note that the methodology of the BRFSS survey changed in 2011³ which makes comparisons difficult between pre-2011 data with data collected in 2011 and beyond. From 2011 to 2020, rates of binge drinking have fluctuated within a narrow range between 10.6% and 12.5%. During that same timeframe, rates of 30 day alcohol use have fluctuated within a small window between 29.0% and 31.7%.

³ Changes in sample weighting and the inclusion of cell phones provide more accurate estimates for Utah, but make comparisons with previous data dubious.

Figure 2

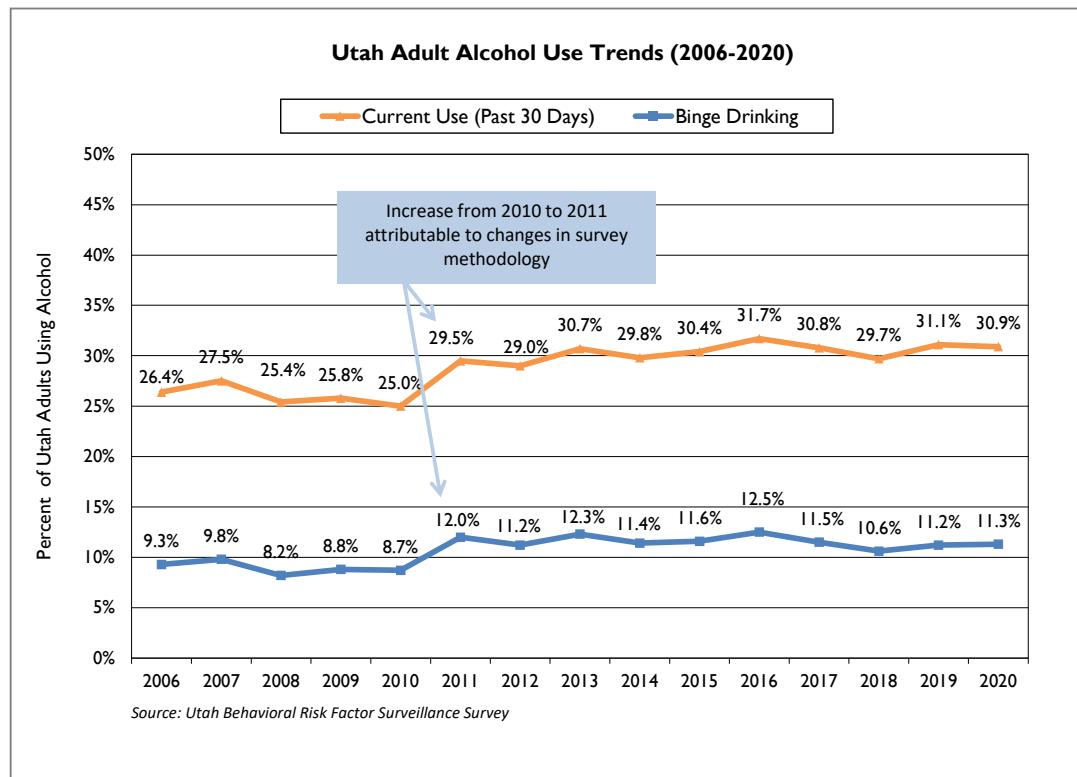


Table 2. Utah Rates of Adult Alcohol Use by Age (2018-2020)

	18-24 yrs			25-34 yrs			35-44 yrs			45-54 yrs			55-64 yrs			65+			Total		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
Adult Current Drinking (Past 30-Day Use)	25.9%	30.8%	30.8%	38.2%	39.2%	41.6%	33.1%	35.1%	32.4%	31.7%	32.0%	30.7%	26.9%	27.4%	27.0%	19.1%	19.0%	19.3%	29.7%	31.1%	30.9%
Adult Binge Drinking (Past 30 days)	12.3%	13.4%	14.8%	17.1%	17.0%	19.8%	14.0%	13.3%	12.6%	9.4%	11.4%	9.8%	4.7%	7.3%	5.7%	2.6%	2.8%	1.9%	10.6%	11.2%	11.3%
Adult Heavy Alcohol Use	3.6%	4.3%	3.3%	4.4%	4.4%	7.2%	5.1%	5.1%	4.9%	3.8%	4.2%	4.8%	3.1%	5.0%	4.1%	2.0%	2.3%	1.6%	3.8%	4.2%	4.4%

Source: Behavioral Risk Factor Surveillance System (BRFSS)

Adult Alcohol Use, Continued

With regard to binge drinking, Utah has traditionally had a lower reported overall prevalence in comparison to the U.S. In 2020, this remained true. When asked about their recent drinking behaviors, the prevalence of binge drinking in Utah for 2020 was 11.3% (virtually the same as 2019), while the national comparison rate was 15.7%. Rates of binge drinking in Utah have historically been highest among persons aged 25-34 (19.8% in 2020), and higher for males than females (14.7% vs. 8.0% in 2020, respectively).

Among Utah binge drinkers in 2020, the frequency (number of occasions) of binge drinking was 5.3 occasions per month, and the intensity (number of drinks) was 8.1 drinks on occasion. Both of these numbers were similar to 2019. Unlike the overall prevalence of binge drinking, where Utah rates were lower than the national average, the frequency and intensity of binge drinking in Utah was actually higher than the national average.

Figure 3

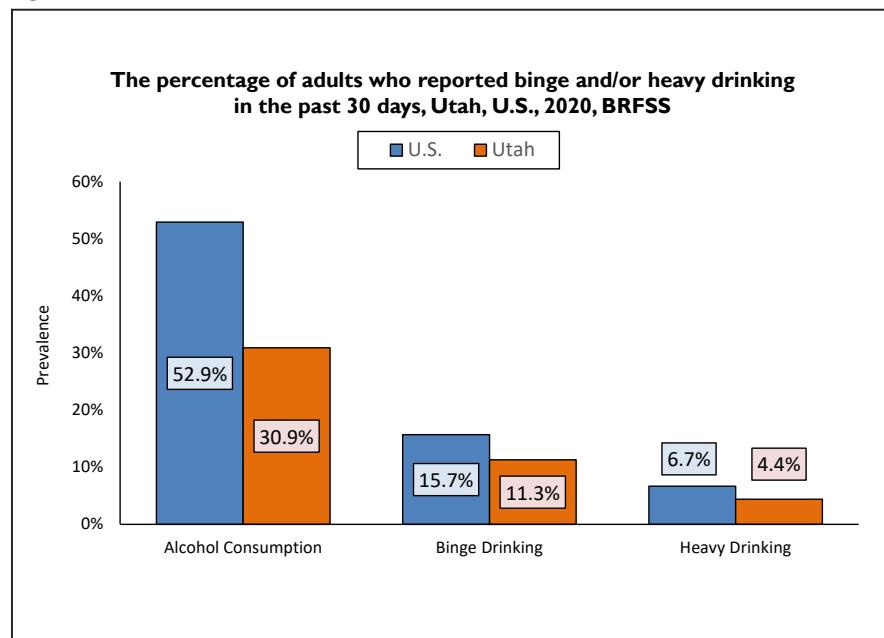
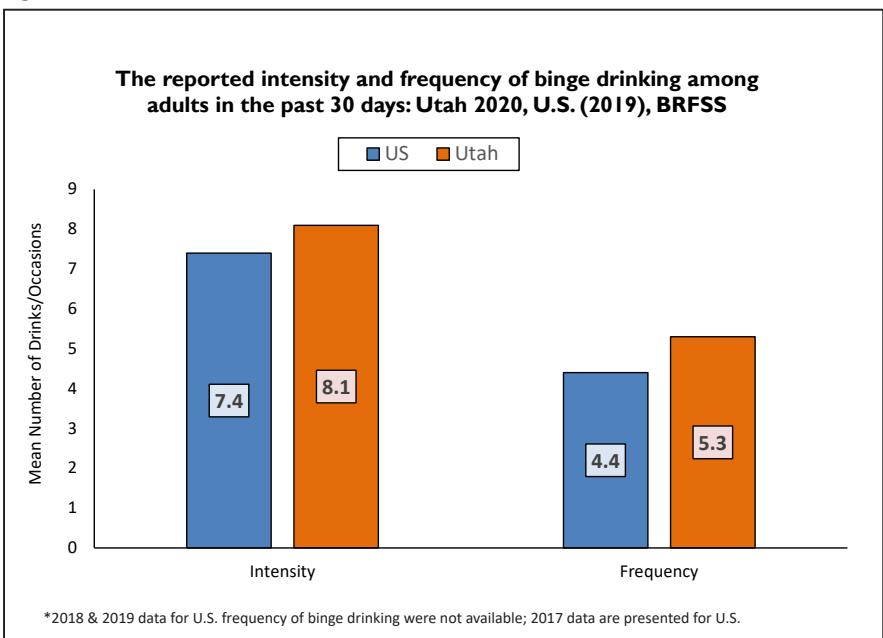


Figure 4



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 SHARP Survey asks youth, “If you used alcohol the past year, how did you get it?” Respondents are asked to mark all the options that apply to them. This item was discontinued after the 2015 SHARP Survey, but added back to the 2021 survey. 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. Comparing the 2015 and 2021 data reveals some interesting similarities and differences in how youth reported obtaining alcohol before and after the pandemic. In both cases, the data suggest that youth do not commonly purchase alcohol themselves through retail means (only 5.1% and 3.8% in 2015 and 2021, respectively). In fact, buying it themselves

from a store was the least frequent source of alcohol reported. Instead, the two most common sources of alcohol for youth drinkers in both 2015 and 2021 were “I got it at a party” (57% and 35.7%, respectively), and “someone I know over age 21” (50.7% and 32.1%, respectively). It is interesting to note that while these were the two most common sources for alcohol in both 2015 and 2021, there was a substantially lower percentage of youth who reported getting their alcohol from both sources in 2021 compared to 2015, which may be pandemic related (e.g., parties may have been less prevalent in 2021 vs. 2015). A set of options that formed a secondary tier of youth alcohol sources⁴ included: “someone I know under 21,” “a family member other than my parents,” “from home with my parents” permission,” and “from home without my parents’ permission.”

For adults, additional items were included on the 2013 Utah BRFSS to understand

⁴ All were reported by approximately 20% of youth as a source of alcohol in 2021, and by approximately 30% of youth in 2015.

Table 3. Sources of Alcohol for Utah Youth who Reported Drinking in Past Year (2015 & 2021)

	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	
	2015	2021	2015	2021	2015	2021	2015	2021	2015	2021
Number of respondents*	534	710	1,492	1,332	2,287	1,753	2,203	1,501	6,516	5,296
I bought it myself from a store	4.0%	1.2%	2.7%	1.5%	3.6%	3.3%	7.6%	5.9%	5.1%	3.8%
I got it at a party	31.7%	16.0%	43.2%	29.7%	57.0%	35.0%	65.8%	43.2%	57.0%	35.7%
I gave someone else money to buy it for me	7.8%	2.3%	14.2%	8.2%	24.0%	12.8%	41.3%	22.3%	28.7%	14.9%
I got it from someone I know age 21 or older	26.3%	8.5%	37.9%	24.0%	47.6%	29.5%	61.6%	43.0%	50.7%	32.1%
I got it from someone I know under age 21	15.4%	8.7%	30.0%	18.7%	36.5%	22.9%	34.0%	25.4%	33.2%	21.9%
I got it from a family member or relative other than my parents	27.1%	16.8%	36.1%	21.8%	33.1%	21.9%	30.7%	21.4%	32.3%	21.4%
I got it from home with my parents' permission	30.8%	18.8%	29.1%	23.0%	27.1%	24.0%	30.0%	22.7%	28.8%	22.8%
I got it from home without my parents' permission	20.3%	19.0%	35.7%	28.6%	35.4%	26.8%	25.5%	14.0%	30.5%	21.2%
I got it another way	26.7%	47.2%	21.1%	21.1%	19.0%	12.7%	16.6%	9.7%	18.8%	16.2%

*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

where alcohol users purchased and drank alcohol. 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). These items were not included on the Utah BRFSS from 2013 through 2016. In 2017, the item asking about place of use on the last occasion was added back to the BRFSS, but asked only for binge drinkers. Data from 2018-2020 for this item are provided in Table 4b (please note some responses that appeared as separate options in 2013 were combined on the 2017-2020 surveys).

As seen in Tables 4a & 4b, the most common place of alcohol use among adults 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 the 2017-2020 samples, "at home" continued to be the most commonly reported place of use across all age groups, and in 2020, there was a substantial increase of participants who indicated "at home," which is likely attributable to the pandemic. This was especially true for older adults. There had been a general decreasing trend in the percentage observed regarding use at a restaurant prior to the pandemic among most age groups, and this continued in 2020. The data were mixed regarding different age groups and likelihood of reporting last use at a bar or club prior to the pandemic, but there was a significant drop across all age groups for 2020 which is likely pandemic related. 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 similar 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 in 2013. Unfortunately, more recent data comparing 30 day and binge drinkers is not available to see whether these differences apply to the present.

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

	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 Adult Binge Drinkers Used Alcohol* (2018-2020)

<i>During the most recent occasion, where were you when you did most of your drinking?</i>															
	Respondents Who Binge Drank in the Past 30 Days														
	18-34 yrs			35-49 yrs			50-64 yrs			65+			Total		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
At your home	53.9%	51.6%	65.8%	46.3%	59.7%	72.2%	55.4%	64.9%	78.0%	69.3%	59.2%	83.7%	50.7%	57.5%	70.8%
At another person's home	25.1%	17.6%	22.2%	21.5%	15.3%	13.3%	14.7%	12.6%	7.6%	12.1%	18.3%	6.1%	18.7%	15.9%	16.1%
At a restaurant or banquet hall	0.1%	3.4%	0.5%	2.9%	1.9%	1.6%	3.7%	2.3%	1.5%	7.5%	4.2%	2.0%	3.4%	2.8%	1.1%
At a bar or club	12.8%	15.6%	6.1%	16.5%	11.0%	3.9%	11.9%	7.5%	3.8%	4.6%	8.5%	0.0%	14.3%	11.9%	4.7%
At a public place	8.2%	6.5%	2.4%	3.9%	7.5%	2.8%	5.1%	7.5%	3.0%	0.1%	5.6%	0.0%	4.2%	7.0%	2.5%

*For 2018-2020, 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 Adult Drinkers Purchased Alcohol* (2013)

	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 2018 to 2021. In FY2021, law enforcement officers made 10,619 DUI arrests. This was very similar to the number of arrests in FY2020. Going back to FY2011 (13,816 DUI arrests), there has been a steady downward trend observed in the number of DUI arrests (despite a significant population increase over that timeframe), but the decreases have been getting smaller in recent years. The increase observed from 2019 to 2021 represents a potential shift towards an increase in the number of DUI arrests, and thus, warrants careful monitoring of future data. It is possible that the increase may be partially attributable to Utah's .05 DUI laws, which effectively began in calendar year 2019. Based on the data, it is clear that males consistently represent the vast majority of DUI arrests each year (between 72-74%). 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 has been a clear increasing trend in the number of DUI overtime shifts since 2012. Compared to 2012, the number of overtime DUI shifts worked in 2021 was three times higher (4,191 vs. 1,981),

Table 5. Arrests for Driving Under the Influence of Alcohol by Age and Sex in Utah (FY2018-2021)

	2018		2019		2020		2021	
	Number	%	Number	%	Number	%	Number	%
Males	7,465	71.9%	7,112	71.2%	7,598	72.1%	7,834	73.8%
Females	2,666	25.7%	2,657	26.6%	2,678	25.4%	2,552	24.0%
Unspecified Gender	252	2.4%	226	2.2%	256	2.4%	233	2.2%
Ages 13-20	1,255	12.1%	1,101	11.0%	1,306	12.4%	1,287	12.1%
Ages 21-24	1,533	14.8%	1,347	13.4%	1,474	14.0%	1,473	13.9%
Ages 25-36	3,922	37.8%	3,734	37.3%	3,902	37.1%	3,914	36.9%
Ages 37-48	2,197	21.2%	2,242	22.4%	2,384	22.6%	2,465	23.2%
Ages 49+	1,476	14.2%	1,571	15.7%	1,466	13.9%	1,480	13.9%
Total	10,383	100.0%	9,995	100.0%	10,532	100.0%	10,619	100.0%

Source: Utah Department of Public Safety

which resulted in approximately two times as many vehicles stopped, and more than twice as many DUI arrests. With that said, there was a significant drop in the number of overtime DUI shifts from a peak in FY2019 to FY2021 (nearly 2,000 fewer shifts than FY2019; representing a similar number of shifts as were implemented in 2015). 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 to 2014). The rate of arrests per 100 DUI shifts was relatively stable from 2017 to 2020, but another increase was observed in 2021. Future data will reveal whether this increase marks another upward trend or an anomalous year.

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 2021 as a starting point, then counting back ten years to determine previous arrests. Based on the analyses, approximately 70.0% of the DUI arrests in 2021 were first offenses, and 30.0% represented repeat offenders (19.4% were second offenses, and 10.6% represented a third offense or more). These proportions are 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. Utah Overtime DUI Enforcement Shifts Summary Data (FY2015-2021)

	2015	2016	2017	2018	2019	2020	2021
# of DUI Shifts Worked	4,421	5,759	5,734	6,362	6,229	5,917	4,191
Vehicles Stopped	41,839	55,592	51,881	53,630	54,319	49,151	36,306
DUI Arrests	1,344	1,472	1,971	2,247	2,124	1,981	1,626
Rate of DUI Arrests per 100 DUI Shifts Worked	30.40	25.56	34.37	35.32	34.10	33.48	38.80
Vehicles Impounded	1,173	1,307	1,671	1,828	1,717	1,669	1,396
Alcohol Related Arrests*	758	744	2,014	1,026	1,915	1,116	1,080
Drug Related Arrests	912	1,341	2,594	2,306	2,342	2,185	1,658
Warrants Served	639	1,036	981	1,232	1,104	6,073	547
Other Warnings/Citations	38,490	54,676	47,083	54,090	48,583	51,642	38,240
Designated Drivers Documented	1,146	848	873	720	735	540	348

*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 2021, 7,970 charges for DUI offenses were filed in Justice Court, a slight increase from 2020. Of the cases judged in Justice Court in 2021, 6,101 cases (76.5%) ended in conviction. This is consistent with conviction rates in years prior to 2020. (2020 was marked by a much lower conviction rate, which likely reflected a greater number of pending cases as a result of the COVID-19 pandemic.) In District Court, a total of 3,383 charges were filed in calendar year

2021 (consistent with 2019 and 2020), and 2,700 of the cases ended in conviction (79.8%). Similar to the Justice Court data, the 2021 conviction rate for District Court was consistent with pre-2020 rates after a lower rate was observed in 2020 (also likely due to pending cases). In Juvenile Court, 46 charges for DUI offenses were filed in 2021. 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 2018-2021.

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 2017-2021 by the AOC that are included in the 19th 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 76.6% to 79.5%, while the conviction rate in District Court ranged from 74.7% to 82.9%. For Justice Courts, the estimated conviction rate observed in 2021 was slightly higher than it has been since 2017. For District Courts, the estimated conviction rate in 2021 was 81.9% (similar to rates for 2018-2020). 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. Utah DUI Adjudication Data from Justice, District and Juvenile Courts 2018-2021 (Calendar Year)

	Justice Court				District Court				Juvenile Court			
	2018	2019	2020	2021	2018	2019	2020	2021	2018	2019	2020	2021
Charges Filed	7401	7819	7692	7970	3496	3381	3412	3383	25	43	57	46
Offense Convictions (Total)	5981	5888	4830	6101	2690	2527	1785	2700	n/a	n/a	n/a	n/a
Bail Forfeiture	17	15	9	11								
Guilty	3925	3826	3116	4017	2549	2408	1723	2601				
Guilty Bench	50	27	36	34	3							
Guilty Jury	33	27	8	22	7							
Guilty Plea	1637	1606	1397	1671	12	9						
No Contest	319	387	264	346	129	110	62	89				

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, an administrative action may be taken against the driving privilege, which is independent of the criminal charges filed and the driver license sanction resulting from a criminal conviction. Drivers may request a license hearing within 10 days, and the Driver License Division must schedule the hearing within the 45-day period from the arrest date. Table 9 presents the number of hearings requested from FY2016-2021, by violation type. Historically, there was a clear decreasing trend in the total number of hearings from 2011 to 2019, but 2020 saw a dramatically higher number of hearings for alcohol violations at 5,663 (the highest number since 2011). In 2021, the total number dropped significantly (and seemingly back within the previous trend pattern), which suggests 2020 may have been an outlier year.

For more information about DUI sentencing guidelines, please see the 2021 DUI Statutory Overview provided in the attachments section of this report. The overview presents statutory provisions and court ordered sentencing guidelines for DUI in Utah based on severity and number of offenses.

Table 8. Utah Justice, District and Juvenile Court DUI Case Outcomes with Estimated Conviction Rate (FY2017-2021)

	2017		2018		2019		2020		2021	
	Number	%	Number	%	Number	%	Number	%	Number	%
<i>Justice Court Cases</i>										
Guilty or No Contest	6,627	76.4%	6,313	76.3%	5,940	76.9%	4,979	75.8%	5,714	78.6%
Diversion	1	0.0%	1	0.0%	6	0.1%	3	0.0%	0	0.0%
Plea in Abeyance	114	1.3%	135	1.6%	95	1.2%	90	1.4%	63	0.1%
Dismissed, Not Guilty, or Declined Prosecution	1,894	21.8%	1,782	21.5%	1,645	21.3%	1,424	21.7%	1,407	19.4%
Transferred or Deceased	38	0.4%	46	0.6%	39	0.5%	25	0.4%	86	1.1%
Cases Pending							47	0.7%	0	0.0%
Total	8,674	100.0%	8,277		7,725		6,568		7,270	
Estimated Conviction Rate*	--	76.7%	--	76.7%	--	76.9%	--	76.6%	--	79.5%
Number of Justice Courts Reporting	116	--	118	--	121	--	114	--	116	--
<i>District Court Cases</i>										
Guilty or No Contest	2,297	70.8%	2,615	76.0%	2,624	79.1%	2,016	79.2%	2,368	80.0%
Diversion	1	0.0%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Plea in Abeyance	21	0.6%	38	1.1%	45	1.4%	43	1.7%	20	0.7%
Dismissed, Not Guilty, or Declined Prosecution	756	23.3%	604	17.5%	537	16.2%	367	14.5%	503	17.0%
Remanded, Transferred or Deceased	168	5.2%	185	5.4%	110	3.3%	114	4.4%	67	2.3%
Total	3,243	100.0%	3,443	--	3,316	--	2,545	--	2,959	--
Estimated Conviction Rate*	--	74.7%	--	80.3%	--	81.8%	--	82.9%	--	81.9%

*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 in Utah (FY2016-2021)

	2016	2017	2018	2019	2020	2021
Per Se Violations	3,800	3,722	3,448	3,190	4,719	2,792
Not a Drop Violations	70	94	95	105	150	125
Refusal to Submit to a Chemical Test	572	606	573	540	794	424
Total	4,442	4,422	4,116	3,835	5,663	3,370

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, as well as, 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 treatment⁵.

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."⁶ 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 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 2016 to 2021 (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, as well as the number ordered to attend treatment has fluctuated within a relatively small range since 2016 (between 4,309 and 4,621). The number ordered to attend treatment services has also remained relatively steady (with about 3,000 cases in each of the last 4 years). The number ordered to attend an education series had been decreasing since 2013, but has also become relatively consistent since 2018. For District Courts, all three measures had been trending upward in recent years with the exception of 2020. Data for 2021 appears to be consistent with the upward trend observed prior to 2020.

⁵ 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.

⁶ 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 (2016-2021)

	2016	2017	2018	2019	2020	2021
<i>Justice Court</i>						
# of Substance Use Disorder Screening and Assessments Ordered	4,309	4,621	4,558	4,271	4,392	4,434
# Ordered to Attend Education Series	3,419	3,223	2,985	2,803	2,982	2,940
# Ordered to Attend Substance Abuse Treatment	2,663	2,856	3,018	2,985	3,031	3,028
<i>District Court</i>						
# of Substance Use Disorder Screening and Assessments Ordered	1,046	1,001	1,173	1,301	1,173	1,358
# Ordered to Attend Education Series	383	401	476	420	379	519
# Ordered to Attend Substance Abuse Treatment	1,251	1,214	1,418	1,432	1,185	1,486

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 2016-20. The data clearly show a marked decline in both the number of liquor law arrests and drunkenness arrests (which extends back to 2012). The number of adult arrests for both offenses dropped significantly in 2020 (which may be associated with the dynamics of the COVID-19 pandemic). 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. Unfortunately, we are not aware of any data to illuminate the level of enforcement for liquor laws and drunkenness from year to year. Therefore, these data may reflect a decrease in the prevalence of liquor law violations and drunkenness, or 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 2016-2020

	Adult					Juvenile				
	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
Liquor Law Offenses	3,554	3,475	3,281	3,072	2,160	808	779	742	655	559
Drunkenness	3,062	3,019	2,912	3,057	2,224	87	46	58	55	58

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 1,879 charges for underage drinking offenses filed in Justice Court in calendar year 2021 (approximately a 12% decrease vs. 2019 & 2020). Of the cases judged, 613 cases ended in conviction. In District Court, a total of 213 charges were filed in calendar year 2021 (similar to 2020), and 45 of the cases judged ended in conviction. In 2020, the percentage of cases ending in conviction for both Justice and District courts was lower than previous years, and this may have been attributable to disruptions to court services during the COVID-19 pandemic. In 2021, the conviction rate for Justice Court cases returned to 2019 levels, but for District Court cases the conviction rate remained similar to 2020. In Juvenile Court, there were 106 charges filed for underage drinking offenses (~25% fewer than 2020). 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 2018-2021. 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 filed have decreased 47% (n = 3,543 in 2014), District Court charges have decreased 48% (n = 408 in 2014), and Juvenile Court charges have decreased 85.5% between 2014 (n = 734) and 2021. Whether these decreases are attributable to lower prevalence, reduced enforcement, or both cannot be determined with the available data.

Table 12. Utah Underage Drinking Adjudication Data from Justice, District and Juvenile Courts 2018-2021

	Justice Court				District Court				Juvenile Court			
	2018	2019	2020	2021	2018	2019	2020	2021	2018	2019	2020	2021
Charges Filed	2367	2118	2159	1879	254	249	222	213	153	154	143	106
Offense Convictions (Total)	956	763	616	613	98	67	46	45	n/a	n/a	n/a	n/a
Bail Forfeiture	12	13	14	9								
Guilty	676	533	434	469	75	49	38	41				
Guilty Bench	10	13	7	12								
Guilty Plea	166	113	91	76	1	1						
No Contest	92	91	70	47	22	17	8	4				

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 to the AATC. 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 alcoholic beverages, which is administered by the Division of Substance Abuse and Mental Health. Through this two-pronged approach (education and enforcement), the effectiveness of the EASY program is enhanced. The number of CUB compliance checks conducted has been dramatically affected by the COVID-19 Pandemic, as a result of the limited ability of counties to conduct covert underage buying checks due to public health restrictions (e.g., social distancing, mask wearing, etc.). In 2020, there was a sharp drop in the number of off-premise compliance checks for underage sales were conducted through the EASY program (1,404 in 2019, to only 544). In 2021, there was a rebound in the number of EASY compliance checks conducted, but CUB activities had still not returned completely to pre-pandemic levels. Table 13 on the following page presents a summary of compliance check data in each of the 10 counties that implemented EASY checks in calendar year 2021. Figure 5

presents historical data from the EASY program, including the number of outlets checked and the compliance rate for checks through fiscal year 2021 (historical data was not available by calendar year). When examining the FY data trends, please note that the FY2021 compliance check numbers were impacted to a much larger extent by the pandemic than the FY2020 numbers because of the timing of the fiscal year calendar (July 1st – June 30th). Specifically, FY20 included only four months (March 2020-June 2020) affected by the pandemic, while all months of FY21 were affected by the pandemic.

For calendar year 2021, the EASY compliance rate remained relatively high at nearly 92%, while the compliance rate for FY2021 was substantially lower at 88.5%. Additionally, the State Bureau of Investigation conducted a small number of off-premise retail store checks (13). 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. Ten of the compliance checks conducted by SBI in 2021 were compliant (77% compliance rate).

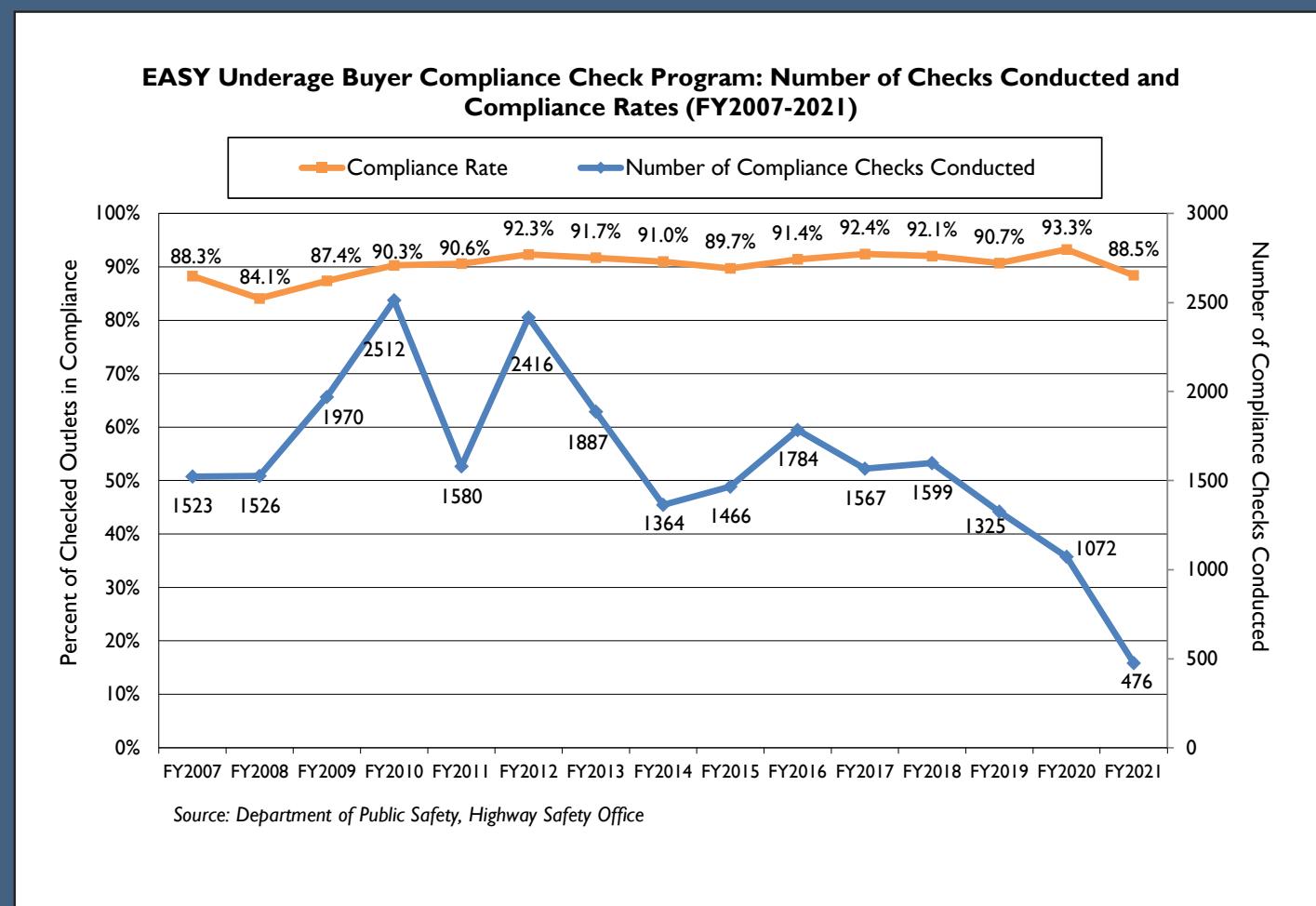
Table 13. Utah EASY Underage Buyer Compliance Check Program: Compliance Rates by County (2021)*

County	Number of Compliance Checks	Number Compliant	Compliance Rate
Box Elder	62	57	91.9%
Cache	111	102	91.9%
Daggett	13	12	92.3%
Davis	113	107	94.7%
Iron	24	23	95.8%
Salt Lake	148	137	92.6%
Tooele	80	69	86.3%
Uintah	36	34	94.4%
Utah	177	164	92.7%
Weber	59	49	83.1%
Total	823	754	91.6%

Source: Utah Department of Public Safety, Highway Safety Office

*EASY checks for calendar year 2020 were dramatically impacted by the COVID-19 Pandemic. Compliance check totals were better in 2021, but still not back to pre-pandemic levels.

Figure 5



On-Premise Alcohol Violations

State Bureau of Investigation (SBI) agents make up an Alcohol Enforcement Team (AET) aimed primarily at on-premise 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 the Utah 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 from 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 a \$25,000 fine and revocation of license. During the 2021 calendar year, total fines assessed in Utah were approximately \$156,000 and administrative costs totaled approximately \$17,000. Administrative costs are put into the State General Fund.

In calendar year 2021, SBI conducted a total of 1,018 alcohol compliance checks of on-premise alcohol outlets (restaurants and bars/clubs/taverns), which included both Covert Underage Buyer (CUB) operations (865 visits), as well as AET agent visits without an underage buyer (153 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 156 cases were referred to DABC for one or more violations in 2021. A total of approximately 298 violations were associated with the 156 cases (an average of 1.9 violations per case). "Sale to a Minor" has historically been the most common violation, representing ~65% of cases in a typical year. In 2021, the percentage of cases that involved a "Sale to Minor" violation was even higher (nearly 86% of cases). Interestingly, in 2020 only 42% of cases involved a Sale to a Minor, but this was likely a pandemic related anomaly. Violations for "Sale to an Intoxicated Person" are historically rare, and this remained true in 2021; only 4 of the 156 cases involved a Sale to an Intoxicated Person.

Looking specifically at SBI's CUB operations, SBI agents conducted CUB checks on 865 on-premise alcohol outlets, resulting in 98 underage sales (compliance rate of 88.7%). The 2021 compliance rate for SBI checks was much lower than previous years. Our SBI contact person attributed the lower compliance rate observed this year with difficulties in hiring and retaining serving staff associated with the pandemic. Frequent staff turnover, hiring of less qualified staff, and delays in alcohol compliance training were all believed to contribute to a higher number of compliance failures in 2021. The hope is that as staffing and server training issues normalize, compliance rates will return to pre-pandemic levels. Table 14 provides a breakout of SBI CUB compliance checks by type of outlet (both on-premise and off-premise). Please note that the calendar year 2020 & 2021 alcohol sales compliance data were both strongly impacted by the COVID-19 Pandemic (due to closures and capacity restrictions for on-premise retailers, by social distancing protocols that affected the ability of law enforcement to conduct CUB operations, and retailer staffing issues).

Table 14. Utah State Bureau of Investigation Covert Underage Buyer (CUB) Compliance Checks by Type of Outlet (2017-2021)

	Restaurants					Bars/Clubs					Retail Stores				
	2017	2018	2019	2020*	2021*	2017	2018	2019	2020*	2021*	2017	2018	2019	2020*	2021
Number of Compliance Checks	1823	1292	1315	247	667	368	232	313	52	198	128	18	46	11	13
Number Sold to CUB	185	99	82	10	86	27	8	10	1	12	26	2	7	0	3
% in Compliance with Laws	89.9%	92.3%	93.8%	96.0%	87.1%	92.7%	96.6%	96.8%	98.1%	93.9%	79.7%	88.9%	84.8%	0.0%	76.9%

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

*2020 compliance check operations were much smaller scale than typical as a result of the COVID-19 Pandemic; compliance check activities increased in 2021, but had not returned to pre-pandemic levels.

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 estimated 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, 4.5% of Utah adults 18 and older (approximately 101,000) were estimated to be dependent or abusing alcohol in 2019 (vs. 5.7% for the nation). This was a decrease from estimates for 2017 and

2018, essentially returning to a similar rate as 2016. Rates for younger adults (18-25 years old) were much higher, with 7.7% 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 mostly downward trend between 2014 and 2019. 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 (2015-2019)

	2015		2016		2017		2018		2019	
	Est. Number	Percent								
18-25 years	37,000	9.9%	34,000	8.7%	35,000	8.9%	32,000	8.1%	31,000	7.7%
26+ years	68,000	4.1%	62,000	3.7%	79,000	4.5%	72,000	4.1%	70,000	3.8%
Total (18+ years)	105,000	5.2%	96,000	4.6%	114,000	5.3%	104,000	4.8%	101,000	4.5%

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 2013-2021 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 (2013-2021)

	2013	2015	2017	2019	2021
6th Grade	0.1%	0.1%	0.1%	0.1%	0.2%
8th Grade	1.0%	0.9%	0.6%	0.8%	0.6%
10th Grade	3.1%	2.5%	2.5%	1.9%	1.2%
12th Grade	4.2%	3.8%	3.4%	2.5%	1.8%
Grades 6, 8, 10 & 12 Combined	2.1%	1.7%	1.6%	1.3%	1.0%

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. While alcohol has traditionally been indicated as the primary substance of use at admission for more individuals than any other substance, it was displaced from this position in 2016. In 2021, admissions for alcohol as primary substance of use were second (after methamphetamine) for state funded treatment admissions (25.8% of all cases). Table 17

presents the number of treatment admissions in state funded alcohol treatment programs for FY2017-21, as well as the percent of all treatment admissions with alcohol indicated as the primary substance. Since 2012, the number of alcohol treatment admissions has decreased from 6,371 to 4,023 (a 36.9% decrease). Over the same timeframe, the total number of treatment admissions has fluctuated. An initial decrease was observed from 2012 (17,264) to 2015 (14,923), followed by a dramatic increase from 2015 to 2019 (19,938), and finally by another decrease over the past two years. The recent decrease may be attributable to service disruptions associated with the COVID-19 Pandemic.

Table 17. Utah Adults in State Funded Alcohol Treatment Programs (FY2017-2021)

	2017		2018		2019		2020		2021	
	Number	Percent of Total								
Adults in State Funded Alcohol Treatment Programs	3,584	23.7%	4,064	21.9%	4,549	22.8%	4,322	25.4%	4,023	25.8%
Total Number of Adults in State Funded Treatment Programs (All Substances)	15,128	100.0%	18,572	100.0%	19,938	100.0%	17,004	100.0%	15,618	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 incidents⁷. Likewise, alcohol poisoning fatalities and homicides⁸ provide acute mortality data related to alcohol use. The other mortality indicators represent chronic health issues that result from longer term alcohol use. It is important to compare rates over time to assess trends given the rapid population growth of Utah over the past decade. With that said, several of the fatality indicators appear to show an increasing trend over time when examining rates, including: alcohol liver disease, other cirrhosis, and alcoholism fatality deaths. However, none of the causes of death in Table 18 is responsible for an extensive number of deaths in Utah annually (no cause was associated with more than 185 deaths in a single year through 2020).

Another important consequence of alcohol use that results in loss of life, injury and property damage is alcohol related motor vehicle crashes (ARMVC). In 2020 (most recent data available), there were 1,978 total ARMVC. This was a slight increase from 2019, but generally the total number of ARMVC has been relatively stable since 2015 (hovering around 2000 per year). In 2020, there were a total of 46 fatalities related to ARMVC, and 1,320 people injured, both of which were substantial increases from 2019. Table 19 on the following page presents the num-

ber and rate of: a) total ARMVC (crashes resulting in death, injury or property damage only), b) fatalities associated with ARMVC, and c) persons injured as a result of ARMVC from 2015 to 2020. 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 persons injured by ARMVC and the rate of fatalities resulting from ARMVC have fluctuated, but within a relatively narrow range since 2011 (with notable exceptions observed in 2014 and 2020 for fatalities).

It should be noted that for consistency with previous AATC reports, the data presented in this section use the historical definition for alcohol related motor vehicle crashes (ARMVC) used by the Utah Highway Safety Office (UHSO). However, UHSO recently adopted new criteria/definitions for coding ARMVC that substantially change how ARMVC are counted - comparisons should not be made between ARMVC counts (or rates) using the new and historical definitions. The new coding criteria exclusively count crashes where alcohol involvement has been confirmed as ARMVC. The historical definition included both crashes confirmed to involve alcohol and those suspected to involve alcohol as ARMVC. The new definition results in far fewer crashes being categorized as ARMVC. The AATC will report ARMVC data using the new definition in next year's annual report.

⁷ 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.

⁸ 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 (2016-2020)

	2016		2017		2018		2019		2020	
	Number	Rate per 100,000*								
Alcoholic Liver Disease (Cirrhosis) Fatalities (ICD-10: K70)	140	4.94	136	4.89	158	5.51	145	4.89	185	6.07
Other Cirrhosis Fatalities (ICD-10: K73, K74)	93	3.49	107	3.92	129	4.51	116	3.92	122	4.25
Alcoholism Fatalities (ICD-10: F10)	94	3.34	86	3.05	120	4.16	109	3.63	170	5.54
Homicides (ICD-10: X85-Y09, Y87.1)	80	2.54	79	2.57	67	2.19	82	2.58	96	2.95
Alcohol Poisoning Fatalities (ICD-10: X45, Y15, T51.0,T51.1, T51.9)	34	1.24	27	0.96	23	0.78	24	0.83	29	0.95
Emergency Department Encounters for Alcohol Overdose (2016 and later-ICD-10: Any case involving T51)	690	23.9	599	20.0	515	16.8	421	13.5	381	12.0

*Age-adjusted rates per 100,000 population

Source: Utah Department of Health

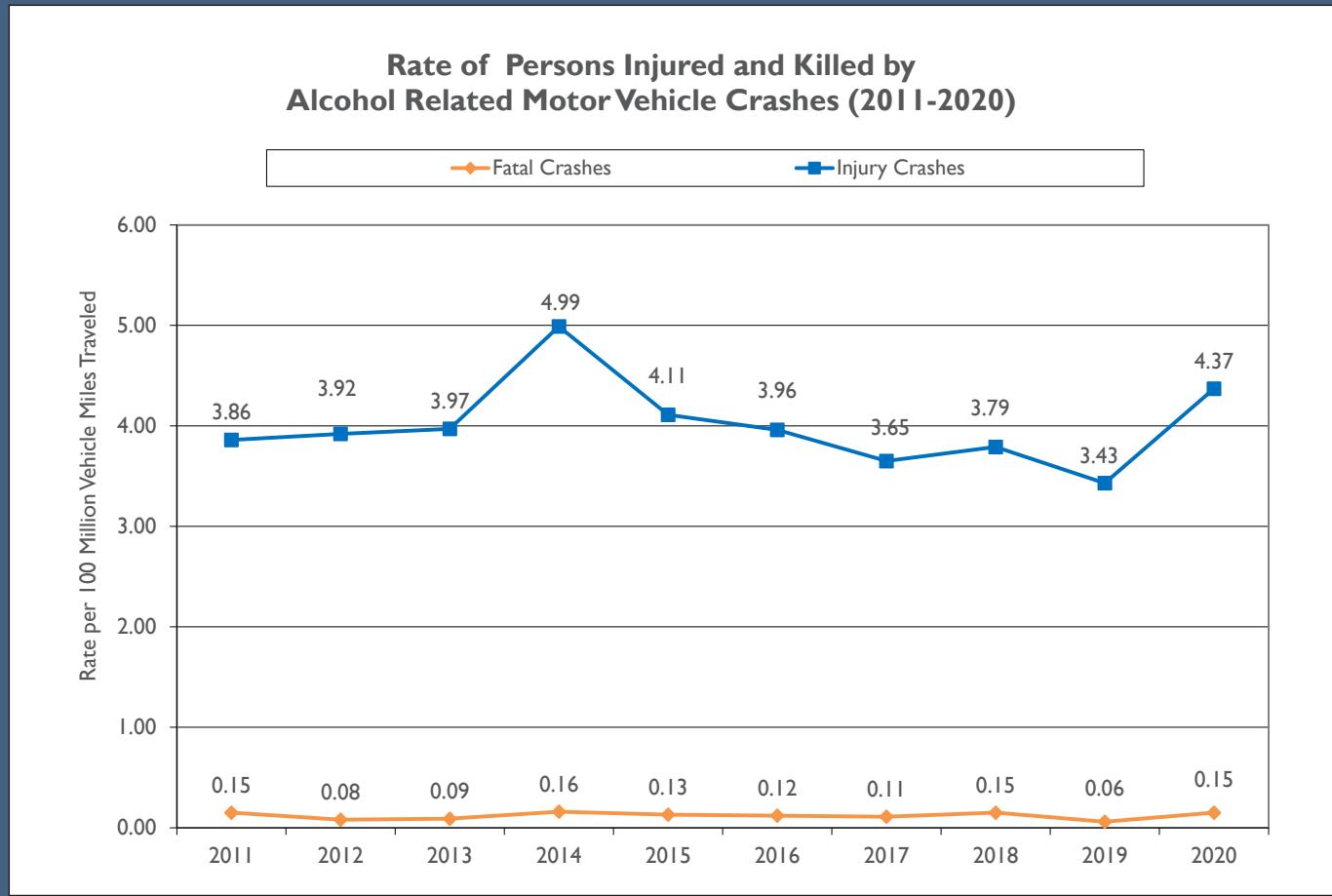
Table 19. Alcohol Related Motor Vehicle Crashes, Fatalities and Injured Persons in Utah (2015-2020)

	2015		2016		2017		2018		2019		2020	
	Number	Rate per 100M VMT										
Fatalities from Alcohol Related Motor Vehicle Crashes	37	0.13	36	0.12	36	0.11	48	0.15	19	0.06	46	0.15
Injured Persons from Alcohol Related Motor Vehicle Crashes	1,207	4.11	1,220	3.96	1,149	3.65	1,223	3.79	1,129	3.43	1,320	4.37
Alcohol Related Motor Vehicle Crashes-Total Crashes (Fatal, Injury and Property Damage)	2,021	6.87	1,970	6.40	1,825	5.79	1,968	6.10	1,921	5.83	1,978	6.55

Rate per 100 million vehicle miles traveled

Source: Utah Department of Public Safety, Highway Safety Office

Figure 6



Costs of Excessive Alcohol Consumption in Utah

This section of the report highlights some of the costs of alcohol consumption in Utah. 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 use⁹ is one of the top five preventable causes of death in the United States. The Centers for Disease Control and Prevention's (CDC) Alcohol Related Disease Impact (ARDI) Application website¹⁰ provides data to highlight the costs of excessive or risky alcohol use in terms of human lives by state. One indicator provided by the ARDI application is alcohol attributable deaths (AAD). AAD provides an estimate of the number of actual deaths associated with 58 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 58 causes was 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 would likely have lived based on the life expectancy of the individual at the time of their death. 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, there were 903 alcohol attributable deaths in Utah between 2015-2019. Males accounted for just over two-thirds (68%) of the AAD burden in Utah, and in terms of age, the highest rate percentage of AADs were in the 50-64 age group (31%), followed by 35-49 year olds (24%). In regards to YPLL, there were 26,746 YPLL to excessive alcohol use in Utah between 2015-2019. In Utah, the average YPLL per alcohol attributable death between 2015 and 2019 was 29.6 years.

In summary, excessive alcohol use was responsible for an estimated 903 preventable deaths and 26,746 YPLL in Utah between 2015 and 2019. Given the increase in the state's population since 2019, the annual toll of 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.

⁹ 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.

¹⁰ https://nccd.cdc.gov/DPH_ARDI

Economic Costs of Excessive Alcohol Consumption

A 2011 study published in the American Journal of Preventive Medicine¹¹ 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.

¹¹ 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 in 2006, 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 state¹². For 2020 (most recent data available), the AEDS reported that approximately 38.4 million gallons of alcohol were consumed in Utah (80.0% of which was beer, 10.0% wine, and 10.0% spirits), equating to approximately 3.44 million gallons of ethanol (pure alcohol)¹³. Based on these alcohol consumption data, there were approximately 734.7 million “standard drinks” (SD) of alcohol consumed in Utah in 2020¹⁴. 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 \$330.6 million in 2020. Table 21 presents the estimates of the costs of excessive alcohol use in Utah by category and burden.

¹² 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 beer sold at grocery stores, restaurants, and other retail outlets which accounts for the majority of beer consumed.

¹³ https://pubs.niaaa.nih.gov/publications/surveillance117/tab2_19.htm

¹⁴ 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 2020

Category	Formula	Amount
State Government Burden	State = 734.7 (SD) * \$0.45 per drink	\$330.6 million
Federal Government Burden	Federal = 734.7 * \$0.35 per drink	\$257.1 million
Alcohol User (and Family) Burden	User = 734.7 * \$0.79 per drink	\$580.4 million
Others in Society Burden	Others = 734.7 * \$0.31 per drink	\$227.8 million
Total Costs of Excessive Alcohol in Utah	Total = 734.7 * \$1.90 per drink	\$1.40 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 Utah¹⁵.

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 percent¹⁶.

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 sued¹⁷.

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 citizens¹⁸.

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 CY2021, Utah had a compliance rate of 91.6 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.

¹⁵ Community Preventive Services Task Force Community Guide, Alcohol Section

¹⁶ Utah State Legislature, 2017, House Bill 442: Alcohol Amendments

¹⁷ Centers for Disease Control, Prevention Status Reports, Alcohol Related Harms, Utah

¹⁸ 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 is open to 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)
UHSO	Utah Highway Safety Office
USAADV	Utah Substance Abuse Advisory
YPLL	Years of Potential Life Lost

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(updated May 2022)

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*For informational purposes only

Alcohol Abuse Tracking Committee Resources

(updated May 2022)

Alcohol Epidemiological Data System	https://pubs.niaaa.nih.gov/publications/surveillance.htm
Parents Empowered	http://www.parentsempowered.org
CCJJ DUI Annual Report	https://justice.utah.gov/wp-content/uploads/2021-DUI-Annual-Report-Final-Updated.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/drunkdriving/easy/
Impaired Driving	http://highwaysafety.utah.gov/drunkdriving/impaired-driving/
DABC	https://abc.utah.gov/
Utah Department of Health	http://health.utah.gov/
- Indicator Based Information System	https://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	https://dsamh.utah.gov/reports/sharp-survey
BRFSS	https://www.cdc.gov/brfss/brfssprevalence/index.html

UTAH DUI STATUTORY OVERVIEW¹

(Current as of May 4, 2021)

Court-Ordered Sentencing	MISDEMEANOR DUI			
	FIRST CONVICTION	FIRST CONVICTION • BAC .16 or higher • BAC .05 or higher + any measurable controlled substance • Combination of two or more controlled substances	SECOND CONVICTION WITHIN 10 YEARS	SECOND CONVICTION WITHIN 10 YEARS • BAC .16 or higher • BAC .05 or higher + any measurable controlled substance • Combination of two or more controlled substances ²
CLASSIFICATION (\$41-6a-503)	CLASS B MISDEMEANOR CLASS A MISDEMEANOR: <ul style="list-style-type: none">if bodily injury³if passenger is under 16⁴if passenger is under 18 and driver is 21 or olderif driving in the wrong direction on a freeway or controlled-access highway	CLASS B MISDEMEANOR CLASS A MISDEMEANOR: <ul style="list-style-type: none">if bodily injury³if passenger is under 16⁴if passenger is under 18 and driver is 21 or olderif driving in the wrong direction on a freeway or controlled-access highway	CLASS B MISDEMEANOR CLASS A MISDEMEANOR: <ul style="list-style-type: none">if bodily injury³if passenger under 16⁴if passenger is under 18 and driver is 21 or olderif driving in the wrong direction on a freeway or controlled-access highway	CLASS B MISDEMEANOR CLASS A MISDEMEANOR: <ul style="list-style-type: none">if bodily injury³if passenger is under 16⁴if passenger is under 18 and driver is 21 or olderif driving in the wrong direction on a freeway or controlled-access highway
Jail (\$41-6a-505)	SHALL order: 2 days OR 48 hours compensatory service MAY: Suspend jail time if individual is participating in 24/7 sobriety program. ⁶	SHALL order not less than: <ul style="list-style-type: none">5 days OR2 days AND 30 days consecutive electronic home confinement⁴ that includes substance abuse testing MAY: Suspend jail time if individual is participating in 24/7 sobriety program AND serves:<ul style="list-style-type: none">5 days jail for a second offense or10 days jail for third/subsequent offense.⁶	SHALL order not less than: <ul style="list-style-type: none">10 days OR5 days AND 30 days electronic home confinement⁴ that includes substance abuse testing MAY: Suspend jail time if individual is participating in 24/7 sobriety program AND serves:<ul style="list-style-type: none">5 days jail for a second offense or10 days jail for third/subsequent offense.⁶	SHALL order: <ul style="list-style-type: none">Not less than 20 days jail OR10 days jail AND 60 consecutive days electronic home confinement⁴ that includes substance abuse testing ORNot less than 10 days jail AND substance abuse tx (if tx is more likely to reduce recidivism and is in interest of public safety) MAY: Suspend jail time if individual is participating in 24/7 sobriety program AND serves:<ul style="list-style-type: none">5 days jail for a second offense; or10 days jail for third/subsequent offense.⁶
Fine, Surcharge, and Court Security Fee (\$41-6a-505) (\$51-9-401)	SHALL order: \$700 minimum fine plus a \$630 surcharge plus a \$60 court security fee (justice court) or \$53 (district court)	SHALL order: \$700 minimum fine plus a \$630 surcharge plus a \$60 court security fee (justice court) or \$53 (district court)	SHALL order: \$800 minimum fine plus a \$720 surcharge plus a \$60 court security fee (justice court) or \$53 (district court)	SHALL order: \$800 minimum fine plus a \$720 surcharge plus a \$60 court security fee (justice court) or \$53 (district court)
Screening, Assessment, Educational Series, and Treatment (\$41-6a-505)	SHALL order: <ul style="list-style-type: none">ScreeningAssessment (if found appropriate by screening)Educational series, unless treatment is ordered	SHALL order: <ul style="list-style-type: none">ScreeningAssessment (if found appropriate by screening)Educational series, unless treatment is ordered	SHALL order: <ul style="list-style-type: none">ScreeningAssessment (if found appropriate by screening)Educational series, unless treatment is ordered	SHALL order: <ul style="list-style-type: none">ScreeningAssessment (if found appropriate by screening)Educational series, unless treatment is ordered

	MAY order: <ul style="list-style-type: none">• Treatment• 24-7 sobriety program	MAY order: <ul style="list-style-type: none">• Treatment• 24-7 sobriety program	MAY order: <ul style="list-style-type: none">• Treatment• 24-7 sobriety program	MAY order: <ul style="list-style-type: none">• Treatment• 24-7 sobriety program
Supervised Probation⁷ (§41-6a-507)	MAY order supervised probation	SHALL order supervised probation	SHALL order supervised probation	SHALL order supervised probation
Ignition Interlock⁸ (§41-6a-518) (§41-6a-530)	SHALL order unless: <ul style="list-style-type: none">• The court determines and states on the record that an ignition interlock system is not necessary for the safety of the community and in the best interest of justice. SHALL order: <ul style="list-style-type: none">• Interlock if under 21• Interlock for an ARD⁹ violation OR describe on the record why such order not appropriate	SHALL order unless: <ul style="list-style-type: none">• The court determines and states on the record that an ignition interlock system is not necessary for the safety of the community and in the best interest of justice. SHALL order: <ul style="list-style-type: none">• Interlock if under 21• Interlock for an ARD⁹ violation OR describe on the record why such order not appropriate	SHALL order unless: <ul style="list-style-type: none">• The court determines and states on the record that an ignition interlock system is not necessary for the safety of the community and in the best interest of justice. SHALL order: <ul style="list-style-type: none">• Interlock if under 21• Interlock for an ARD⁹ violation OR describe on the record why such order not appropriate	SHALL order unless: <ul style="list-style-type: none">• The court determines and states on the record that an ignition interlock system is not necessary for the safety of the community and in the best interest of justice. SHALL order: <ul style="list-style-type: none">• Interlock if under 21• Interlock for an ARD⁹ violation OR describe on the record why such order not appropriate
Increased Sentencing (§41-6a-505)		SHALL order unless described on the record why the order(s) not appropriate: <ul style="list-style-type: none">• Treatment and One or more of the following:<ul style="list-style-type: none">• Interlock• Ankle attached continuous transdermal alcohol monitoring device• Electronic home confinement		SHALL order unless described on the record why the order(s) not appropriate: <ul style="list-style-type: none">• Treatment and One or more of the following:<ul style="list-style-type: none">• Interlock• Ankle attached continuous transdermal alcohol monitoring device• Electronic home confinement
Driver License Suspension (§41-6a-509)	Court MAY order additional 90 days, 120 days, 180 days, one year or two years	Court MAY order additional 90 days, 120 days, 180 days, one year or two years	Court MAY order additional 90 days, 120 days, 180 days, one year or two years	Court MAY order additional 90 days, 120 days, 180 days, one year or two years
Impaired Driving (§41-6a-502.5)	A conviction may NOT be entered as impaired driving if: <ul style="list-style-type: none">• BAC .16 or higher;• BAC .05 or higher + any measurable controlled substance; or• Combination of two or more controlled substances			

¹ The DUI Statutory Overview was formerly called the DUI Sentencing Matrix. However, unlike the Sentencing and Release Guidelines matrices this document does not use evidence-based practices, criminal history, and the current offense to suggest a criminal sentence. Instead, this document is intended to give an overview of penalties required by Driving Under the Influence Offenses, Utah Code Title 41, Chapter 6a, Part 5 and therefore has been renamed. It is a reference and overview for ease of use and greater transparency to assist in sentencing individuals convicted or sanctioned pursuant to Utah Code Title 41, Chapter 6a, Part 5. The DUI Statutory Overview is not a substitute for reference to the Utah State Code. It does not constitute legal advice and is not legally binding. It does not create any right or expectation on behalf of an offender or any party within the criminal justice system.

² A combination of two or more controlled substances may only be considered if the substances are not (A) prescribed by a licensed physician; or (B) recommended in accordance with Title 26, Chapter 61a, Utah Medical Cannabis Act.

³ A person is guilty of a separate offense for each victim suffering bodily injury, serious bodily injury or death, whether or not the injuries arise from the same episode of driving.

⁴ A person is guilty of a separate offense for each passenger in the vehicle at the time of the offense that is under 16 years old.

⁵ See §41-6a-506 for electronic home confinement provisions.

⁶ If an individual fails to successfully complete all the requirements of the 24/7 sobriety program, the court shall impose the suspended jail sentence or prison sentence.

⁷ Supervised probation is also required for all violations of §41-6a-517(14)(a) (driving with any measurable controlled substance or metabolite in the body).

⁸ Adoption of the ignition interlock restricted driver (IRD) provision (§41-6a-518.2) does not change the obligation of judges to impose interlock as a condition of probation. Note: If a person's violation of Section 41-6a-502 does not involve alcohol, the requirement to order ignition interlock does not apply.

⁹ ARD = Alcohol Restricted Driver.

UTAH DUI STATUTORY OVERVIEW¹

(Current as of May 4, 2021)

Court-Ordered Sentencing	FELONY DUI	
CLASSIFICATION (\$41-6a-503)	THIRD DEGREE FELONY <ul style="list-style-type: none"> • if third or subsequent offense within 10 years • if serious bodily injury² • if any prior felony DUI conviction or automobile homicide¹ conviction 	THIRD DEGREE FELONY PLUS: <ul style="list-style-type: none"> • BAC .16 or higher • BAC .05 or higher + any measurable controlled substance • Combination of two or more substances³
Jail (\$41-6a-505)	SHALL order: 0-5 year prison term OR <ul style="list-style-type: none"> • 60 days jail AND • 60 days consecutive electronic home confinement that includes substance abuse testing 	SHALL order 0-5 year prison term OR <ul style="list-style-type: none"> • Not less than 120 days jail AND • 120 days consecutive electronic home confinement that includes substance abuse testing
Fine, Surcharge, and Court Security Fee (\$41-6a-505) (\$51-9-401)	SHALL order: \$1,500 minimum fine plus a \$1,350 surcharge plus a \$53 court security fee, UNLESS a 0-5 prison term is imposed	SHALL order: \$1,500 minimum fine plus a \$1,350 surcharge plus a \$53 court security UNLESS a 0-5 prison term is imposed
Screening, Assessment, Educational Series, and Treatment (\$41-6a-505)	SHALL order: <ul style="list-style-type: none"> • Screening • Assessment • Treatment as appropriate UNLESS 0-5 prison term is imposed MAY order: <ul style="list-style-type: none"> • 24-7 sobriety program⁴ 	SHALL order: <ul style="list-style-type: none"> • Screening • Assessment • Treatment as appropriate UNLESS 0-5 prison term is imposed MAY order: <ul style="list-style-type: none"> • 24-7 sobriety program⁴
Supervised Probation⁵ (\$41-6a-507)	SHALL order supervised probation if 0-5 prison term is not imposed	SHALL order supervised probation if 0-5 prison term is not imposed
Ignition Interlock⁶ (\$41-6a-518) (\$41-6a-530)	SHALL order unless: <ul style="list-style-type: none"> • The court determines and states on the record that an ignition interlock system is not necessary for the safety of the community and in the best interest of justice. 	SHALL order unless: <ul style="list-style-type: none"> • The court determines and states on the record that an ignition interlock system is not necessary for the safety of the community and in the best interest of justice.
Driver License Suspension (\$41-6a-509)	<ul style="list-style-type: none"> • Court MAY order additional 90 days, 120 days, 180 days, one year or two years 	Court MAY order additional 90 days, 120 days, 180 days, one year or two years

¹ The DUI Statutory is intended to give an overview of penalties required by Driving Under the Influence Offenses, Utah Code Title 41, Chapter 6a, Part 5. It is a reference and overview for ease of use and greater transparency to assist in sentencing individuals convicted or sanctioned pursuant to Utah Code Title 41, Chapter 6a, Part 5. The DUI Statutory Overview is not a substitute for reference to the Utah State Code. It does not constitute legal advice and is not legally binding. It does not create any right or expectation on behalf of an offender or any party within the criminal justice system.

² A person is guilty of a separate offense for each victim suffering bodily injury, serious bodily injury or death, whether or not the injuries arise from the same episode of driving.

³ A combination of two or more controlled substances may only be considered if the substances are not (A) prescribed by a licensed physician; or (B) recommended in accordance with Title 26, Chapter 61a, Utah Medical Cannabis Act.

The following statutory provisions also apply to DUI offenders, although they do not require a court order. Failure to comply carries additional criminal sanctions.¹

Statutory Provisions	FIRST OFFENSE	SECOND OR SUBSEQUENT OFFENSES WITHIN 10 YEARS
Driver License Denial, Suspension, or Revocation		
Driving Under the Influence/ DUI Conviction (\$41-6a-509)	If 21 or older: 120 days If 19-20: Longer of one year or until 21st birthday If under 19: Until 21st birthday	If 21 or older: 2 years If 19-20: Longer of 2 years or until 21st birthday If under 19: Until 21st birthday
Driving with Controlled Substance/ Metabolite in Body Conviction (\$41-6a-517)	If 21 or older: 120 days If 19-20: Longer of one year or until 21st birthday If under 19: Until 21st birthday	If 21 or older: 2 years If 19-20: Longer of two years or until 21st birthday If under 19: Until 21st birthday
Refusal of Chemical Test (\$41-6a-521)	If 21 or older: 18 months If under 21: Longer of 2 years or until 21st birthday	If 21 or older: 36 months If under 21: Longer of 36 months or until 21st birthday
Per se Arrest (\$53-3-223) ≥ .05 BAC, impaired to degree unsafe to drive, operating with metabolite of drug in system	If 21 or older: 120 days If under 21: 6 months	If 21 or older: 2 years If under 21: Longer of 2 years or until 21st birthday
Not A Drop (\$53-3-231) A person under 21 may not operate a vehicle or motorboat with detectable alcohol in body	If under 21: Until successful completion of substance abuse program recommendation, but not less than 6 months	If under 21: Until successful completion of substance abuse program recommendation, and the longer of 2 years or until 21st birthday
Failure to Install or Removal of Ignition Interlock Device (\$53-3-1007)	A person who is an interlock restricted driver (IRD) shall have their driving privilege suspended until they have had an, interlock device installed in their vehicle. If the interlock device is removed prior to the ending date of the interlock restriction period, the driver license shall be re-suspended until an interlock device is re-installed. This suspension may be imposed in addition to other license sanctions as listed above.	
Early License Reinstatement for Drivers Under 21		
Driving Under the Influence/DUI Conviction First Conviction (\$41-6a-509)	Court may order shortening of the suspension period after 6 months if the person completes a screening; completes an assessment if appropriate; completes an education series or substance abuse treatment, as deemed appropriate by the court; has not been convicted of a violation of a motor vehicle law during the suspension period; has complied with all terms of probation or all court orders if not ordered to probation; and provides a sworn statement to the court that the person has not unlawfully consumed alcohol during the suspension period.	
Driving with Controlled Substance/ Metabolite in Body Conviction First Conviction (\$41-6a-517)	Same as above but sworn statement must include the person has not consumed a controlled substance not prescribed by a practitioner during the suspension period.	
Early License Reinstatement for Drivers 21 or Older		
Driving Under the Influence/DUI Conviction First Conviction (\$41-6a-509)	Court may order individual to participate in a 24/7 sobriety program, which allows for early reinstatement of the driving privilege upon payment of driver license reinstatement fees and ignition interlock installation. Provision does not apply if the person refused to submit to a chemical test when arrested for DUI. Person is not able to reinstate their driving privilege unless all other outstanding license sanctions have been cleared.	
Driving with Controlled Substance/ Metabolite in Body Conviction First Conviction (\$41-6a-517)	Court may order individual to participate in a 24/7 sobriety program, which allows for early reinstatement of the driving privilege upon payment of driver license reinstatement fees. Provision does not apply if the person refused to submit to a chemical test when arrested for DUI. Person is not able to reinstate their driving privilege unless all other outstanding license sanctions have been cleared.	

Other Sanctions	
IRD – Interlock Restricted Driver (§41-6a-518.2) An "interlock restricted driver" may not operate a motor vehicle without an ignition interlock. <small>Note: If a person's violation of Section 41-6a- 502 does not involve alcohol, or if all offenses are for metabolite convictions under Section 41- 6a-517 (no alcohol involved), IRD does not apply.</small>	<ul style="list-style-type: none"> • 18 months IRD for 1st DUI (§41-6a-502) if over 21 or refused blood draw (§41-6a-520(7)) • 3 years IRD for 1st Driving Without Ignition Interlock Device if IRD (§41-6a-518.2), Refusal to Submit to Chemical Test (§41-6a-520), or 1st DUI (§41-6a-502) if under 21 or refused blood draw if under 21 (§41-6a-520(7)) • 3 years IRD for a combination of two of the following within 10 years: DUI (§41-6a-502), Refusal to Submit to Chemical Test (§41-6a-521), Controlled Substance/Metabolite (§41-6a-517), Alcohol-Related Reckless (§41-6a-512 – <i>only violations prior to July 1, 2008</i>), Impaired Driving (§41-6a-502.5), Driving with Controlled Substance/Bodily Injury or Death (§58-37-8(2)(g)), or Automobile Homicide (§76-5-207) • 6 years IRD for Felony DUI (§41-6a-502) or 2nd+ offense for refused blood draw (§41-6a-520(7)) • 10 years IRD for Automobile Homicide (§76-5-207)
ARD – Alcohol Restricted Driver (§41-6a-529) An "alcohol restricted driver" may not operate or be in actual physical control of a vehicle with any measurable or detectable amount of alcohol in the person's body. <small>Note: If Per se is drug only or metabolite, ARD does not apply.</small>	<ul style="list-style-type: none"> • 2 years ARD for 1st DUI (§41-6a-502), Alcohol/Drug-Related Reckless (§41-6a-512), or Impaired Driving (§41-6a-502.5) • 2 years ARD for any Per se offense (§53-3-223) • 3 years ARD for any driving without an IID if an IRD (§41-6a-518.2) or driving with alcohol in body if an ARD (§41-6a-530) offense • 5 years ARD for 1st Refusal to Submit to Test (§41-6a-521) or Class A misdemeanor DUI (§41-6a-502) • 10 years ARD for 2nd offense within 10 years, DUI (§41-6a-502), Alcohol/Drug-Related Reckless (§41-6a-512), or Impaired Driving (§41-6a-502.5) • 10 years ARD for 2nd offense of Refusal to Submit to Chemical Test (§41-6a-520(7)) if prior suspension for prior refusal within 10 years (41-6a-520(7)) • 10 years ARD for felony violation of refusal to submit to chemical test 41-6a-520(7) • Lifetime ARD for any Felony DUI (§41-6a-502) or Automobile Homicide (§76-5-207)

¹The following provisions are intended to give an overview of penalties Driving Under the Influence Offenses, Utah Code Title 41, Chapter 6a, Part 5. It is a reference guide for ease of use and greater transparency to assist in understanding of sanctions pursuant to Utah Code Title 41, Chapter 6a, Part 5. The DUI matrix is not a substitute for reference to the Utah State Code. It does not constitute legal advice and is not legally binding. It does not create any right or expectation on behalf of an offender or any party within the criminal justice system.