

**Important Cautions for Interpreting Crosstabs:**

- 1) Some crosstab queries will NOT include 6<sup>th</sup> grade respondents for surveys in 2025 and beyond. This is because the new 6<sup>th</sup> grade survey form implemented in 2025 (and beyond) does not include all the items that are completed by participants in grades 8 through 12. If you do not see a Grade 6 output table (see example below) following the *All grades combined* output table this means that one or both items in your query were not included in the 6<sup>th</sup> grade survey. When this is the case, it is important to remember that the *All Grades* combined data do not include 6<sup>th</sup> graders for that particular year. NOTE: If this is the case, exercise caution when comparing the *All Grades* crosstabs data across different years (because 6<sup>th</sup> graders may be included in surveys prior to 2025 but not included for 2025 and later year surveys).

Crosstabs

Year: 2025

Entity Type: State

Entity: State of Utah

Filter 1: 30 Day Substance Use

Question 1: Alc30dy: Alcohol Past 30 days

Filter 2: Perceived Availability of Drugs

Question 2: Q29: If you wanted to get some beer, wine, or hard liquor (for ex

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[SHARP Question Reference](#)

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Reverse Questions

State of Utah Crosstab Percentages (SHARP 2025)

		If you wanted to get some beer, wine, or hard liquor (for example, vodka, whiskey or tequila), how easy would it be for you to get some?				Total
		Very hard	Sort of hard	Sort of easy	Very easy	
Alcohol Past 30 days	No Use	99.0	96.5	90.7	85.0	95.4
	Has Used	1.0	3.5	9.3	15.0	4.6
	Total	100.0	100.0	100.0	100.0	100.0

  

		If you wanted to get some beer, wine, or hard liquor (for example, vodka, whiskey or tequila), how easy would it be for you to get some?				Total
		Very hard	Sort of hard	Sort of easy	Very easy	
Alcohol Past 30 days	No Use	99.4	96.9	92.2	86.5	96.9
	Has Used	0.6	3.1	7.8	13.5	3.1
	Total	100.0	100.0	100.0	100.0	100.0

- 2) Do not make assumptions about cause and effect. The crosstab tables allow you to examine the relationship between two specified variables. While it may be tempting to interpret the data as having a cause and effect relationship (e.g., Question 2 causes Question 1), the crosstab data DO NOT imply causality. The crosstab tool provides the opportunity to examine *relationships* in the data, but it is important NOT to make assertions from the data that are not warranted. When you find relationships between two variables, some possibilities for that relationship include:
  - a) Question 2 causes Question 1 (there is a cause and effect relationship)
  - b) Question 1 causes Question 2 (cause and effect is reversed)
  - c) Some other variable causes both Question 1 and Question 2

- d) There is no true relationship between Question 1 and Question 2 (the relationship is an artifact of the survey – see next bullet point)
- 3) Running crosstabs is a form of data “mining.” Given the large number of items on each SHARP Survey, sometimes relationships between items can exist by chance (not because of a true relationship between the variables). It is always good to do some reality checks when you find relationships in the data. For example:
- a) Does the relationship hold up over time (not just for one year of the survey)?
  - b) Does the relationship seem to be systematic (e.g., is there a linear relationship or is it sporadic)?
  - c) Is there a theoretical foundation that plausibly connects the variables?
- 4) Form A only and Form B only items - The number of items collected through the SHARP Survey has increased over the years to the point where two forms of the survey are now administered each year. Many items appear on both Form A and Form B, but some items appear only on Form A, or only on Form B (please see the SHARP Question Reference document for each survey year for specific items that are only on Form A or Form B). When running crosstabs where either Question 1 or Question 2 contains an item that is on Form A or Form B only, please note that the sample size for the crosstab run is likely to be half of the total SHARP sample for the specified geography. In situations where a Form A only item AND a Form B only item are chosen for a crosstab run, the table will display “n/a” in each cell because there are no participants who would have completed both Form A and Form B only items due to their mutual exclusivity.