

Supplemental Table A. Survey questions on alcohol consumption and definitions of drinking patterns

2014-2015 National Alcohol Survey ^a	2015 Behavioral Risk Factor Surveillance System ^b
Alcohol questions	
<p>Think of all kinds of alcoholic beverages combined, that is, any combination of bottles or cans of beer or malt beverages, glasses of wine, or drinks containing liquor of any kind. In this question, 1 drink is equal to a 12-ounce bottle or can of beer, a 5-ounce glass of wine, or 1 shot of liquor (1.5 ounces).</p> <p>During the last 12 months, what is the largest number of drinks you had on any single day?</p> <ul style="list-style-type: none"> • 24 or more drinks in a single day • 12 to 23 drinks in a single day • At least 8, but less than 12 drinks • 5, 6, or 7 drinks • 4 drinks • 3 drinks • 2 drinks • 1 drink • Or have you never in the last 12 months had any beverage containing alcohol? • Don't Know • Refused <p>During the last 12 months, how often did you have 12 or more drinks of any kind of alcoholic beverage (in a single day), (<i>ask only first time</i>: that is, any combination of bottles or cans of beer, glasses of wine, drinks containing liquor of any kind? Was it:</p> <ul style="list-style-type: none"> • Every day or nearly every day • Three to four times a week • Once or twice a week • Once to three times a month 	<p>During the past 30 days, how many days per week or per month did you have at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?</p> <ul style="list-style-type: none"> • ___ Days per week • ___ Days in past 30 days • No drinks in past 30 days • Don't know/ Not sure • Refused <p>One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on the average? Note: A 40-ounce beer would count as 3 drinks, or a cocktail drink with 2 shorts would count as 2 drinks.</p> <ul style="list-style-type: none"> • ___ Number of drinks • Don't know/ Not sure • Refused <p>Considering all types of alcoholic beverages, how many times during the past 30 days did you have X [CATI X = 5 for men, X = 4 for women] or more drinks on an occasion?</p> <ul style="list-style-type: none"> • ___ Number of times • ___ None • Don't know/ Not sure • Refused

- Less than once a month
- Once in those 12 months
- Never in those 12 months
- Don't Know
- Refused

During the last 12 months, how often did you have at least eight, but less than 12 drinks of any kind of alcoholic beverage (in a single day), (READ ONLY FIRST TIME: that is, any combination of bottles or cans of beer, glasses of wine, or drinks containing liquor of any kind)? Was it:

- same response options as previous question.

During the last 12 months, how often did you have five, six, or seven but no more than seven drinks of any kind of alcoholic beverage (in a single day)?

- same response options as previous question.

During the last 12 months, how often did you have either three drinks or four drinks but no more than four drinks of any kind of alcoholic beverage (in a single day)?

- same response options as previous question.

[The consumption of three or four drinks was assessed with separate questions for women.]

During the last 12 months, how often did you have two drinks but no more than two drinks of any kind of alcoholic beverage (in a single day)?

- same response options as previous question.

During the last 12 months, how often did you

<p>have one drink, but no more than one drink of any kind of alcoholic beverage (in a single day)?</p> <ul style="list-style-type: none"> • same response options as previous question. 	
<i>Definitions of drinking patterns</i>	
<i>Non-drinking:</i> not consuming any alcoholic drinks in the previous 12 months.	<i>Non-drinking:</i> not consuming any alcoholic drinks in the previous 30 days.
<i>Current/non-binge level drinking in a day:</i> ≥ 1 drink, but < 4 drinks, on any day during the previous 12 months (women); or ≥ 1 drink, but < 5 drinks, on any day during the previous 12 months (men).	<i>Current/non-binge drinking:</i> ≥ 1 drink but < 4 drinks, on any occasion during the previous 30 day (women); or ≥ 1 drink, but < 5 drinks, on any occasion in the previous 30 days (men).
<i>Binge-level drinking in a day:</i> ≥ 4 drinks (women) or ≥ 5 drinks (men), on at least 1 day during the previous 12 months.	<i>Binge drinking:</i> ≥ 4 drinks on one or more occasions (women); or ≥ 5 drinks on one or more occasions (men).
<i>Average daily alcohol consumption^{c,d}</i>	
<p>- Low: > 0 but ≤ 1 drink/day on average (women); or > 0 to ≤ 2 drinks/day on average (men).</p> <p>- Medium: > 1 to ≤ 2 drinks/day on average (women) or > 2 to ≤ 4 drinks/day on average (men).</p> <p>- High: > 2 drinks/day on average (women) or > 4 drinks/day on average (men).</p>	

^a Questionnaire available at: http://arg.org/wp-content/uploads/2016/10/N13_Questionnaire_FINAL-from-ICF_not-searchable-Rev.pdf

^b Questionnaire available at: <https://www.cdc.gov/brfss/questionnaires/pdf-ques/2015-brfss-questionnaire-12-29-14.pdf>

^c In the NAS, average daily alcohol consumption is calculated by multiplying the number of drinking days per year at each level of consumption on the graduated-frequency scale (capped at 365 days) by the midpoint of the range of drinks in each drinking category; summing the number of drinks in each category to obtain the total annual number of drinks consumed by each drinker during the previous year; summing the number of drinks consumed by all drinkers; and then dividing this overall sum by 365 days.

^d In the BRFSS, average daily alcohol consumption is calculated by multiplying the number of drinking days per month, as reported by each drinker, by the average number of drinks consumed per drinking day by each drinker; and then the product of the average total number of drinks consumed by all drinkers was divided by 30 days.