





















# Sources of Consumption Data on Underage Drinking

<b>Data Source</b>	<b>National Health and Nutrition Examination Survey (NHANES):</b> <a href="http://www.cdc.gov/nchs/nhanes.htm">www.cdc.gov/nchs/nhanes.htm</a>
<b>Description</b>	NHANES is a program of studies designed to assess the health and nutritional status of adults and children in the United States. The survey combines interviews and physical examinations.
<b>Methods and Sample</b>	<ul style="list-style-type: none"> <li>• Nationally representative sample of about 5,000 persons each year, located in counties across the country (15 of which are visited each year). Sample is selected to represent the U.S. population of all ages</li> <li>• Health interviews are conducted in respondents' homes.</li> <li>• Health measurements are performed in specially-designed and equipped mobile centers that travel to locations throughout the country.</li> <li>• Annual survey (1962 – present)</li> </ul>
<b>Geographic Level</b>	National
<b>Survey Instrument and Question(s)</b>	<p><b>Youth</b></p> <ul style="list-style-type: none"> <li>• Survey Instrument: <a href="http://www.cdc.gov/nchs/data/nhanes/nhanes_11_12/alq_acasi.pdf">www.cdc.gov/nchs/data/nhanes/nhanes_11_12/alq_acasi.pdf</a></li> <li>• Definitions:             <ul style="list-style-type: none"> <li>○ Alcohol is defined as beer, wine, wine coolers, and liquor such as rum, gin, vodka, or whiskey. Alcohol use does not include drinking a few sips of wine for religious purposes.</li> <li>○ Binge drinking is defined as 5 or more drinks of alcohol in a row, within a couple hours</li> </ul> </li> <li>• Alcohol-Related Survey Questions:             <ul style="list-style-type: none"> <li>○ <i>Alcohol Use (any)</i> <ul style="list-style-type: none"> <li>▪ How old were you when you had your first drink of alcohol, other than a few sips?</li> <li>▪ During your life, on how many days have you had at least one drink of alcohol?</li> <li>▪ During the past 30 days, on how many days did you have at least one drink of alcohol?</li> </ul> </li> <li>○ <i>Binge Drinking</i> <ul style="list-style-type: none"> <li>▪ During the past 30 days, on how many days did you have 5 or more drinks of alcohol in a row, that is, within a couple of hours?</li> </ul> </li> </ul> </li> </ul> <p><b>Adult</b></p> <ul style="list-style-type: none"> <li>• Survey Instrument: <a href="http://www.cdc.gov/nchs/data/nhanes/nhanes_11_12/alq_capi.pdf">www.cdc.gov/nchs/data/nhanes/nhanes_11_12/alq_capi.pdf</a></li> </ul>

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Data Source	National Health Interview Survey (NHIS): <a href="http://www.cdc.gov/nchs/nhis.htm">http://www.cdc.gov/nchs/nhis.htm</a>
	<ul style="list-style-type: none"> <li>• Definitions:                             <ul style="list-style-type: none"> <li>○ Alcoholic beverages include liquor (such as whiskey or gin), beer, wine, wine coolers, and any other type of alcoholic beverage.</li> <li>○ A drink is defined as a 12-oz. beer, a 5-oz. glass of wine, or 1½ ounces of liquor.</li> </ul> </li> <li>• Alcohol-Related Survey Questions:                             <ul style="list-style-type: none"> <li>○ <i>Alcohol Use (any)</i> <ul style="list-style-type: none"> <li>▪ In any one year, {have you/has sample person (SP)} had at least 12 drinks of any type of alcoholic beverage?</li> <li>▪ In {your entire life, {have you/has he/has she} had at least 12 drinks of any type of alcoholic beverage?</li> <li>▪ In the past 12 months, how often did {you/SP} drink any type of alcoholic beverage?</li> <li>▪ In the past 12 months, on those days that {you/SP} drank alcoholic beverages, on the average, how many drinks did {you/he/she} have?</li> <li>▪ In the past 12 months, on how many days did {you/SP} have {DISPLAY NUMBER} or more drinks of any alcoholic beverage?</li> <li>▪ For about how many years did {you/SP} drink {DISPLAY NUMBER} or more drinks of any kind of alcoholic beverage almost every day?</li> </ul> </li> </ul> </li> </ul>
<b>Data</b>	Download datasets: 1962 – present: <a href="http://www.cdc.gov/nchs/nhanes/nhanes_questionnaires.htm">www.cdc.gov/nchs/nhanes/nhanes_questionnaires.htm</a>

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<b>Data Source</b>	<b>National Survey on Drug Use and Health (NSDUH):</b> <a href="http://oas.samhsa.gov/nsduh.htm">http://oas.samhsa.gov/nsduh.htm</a>
<b>Description</b>	NSDUH provides national and state-level data on the prevalence, patterns, and consequences of alcohol, tobacco, and illegal drug use and abuse in the general U.S. civilian non-institutionalized population, age 12 and older.
<b>Methods and Sample</b>	<ul style="list-style-type: none"> <li>• Civilian, non-institutionalized population of the U.S. ages 12 and older, including residents of non-institutional group quarters such as college dormitories, group homes, shelters, rooming houses, and civilians dwelling on military installations</li> <li>• Computer-assisted personal interviews and audio, computer-assisted self- interviews</li> <li>• Annual survey (1971 – present)</li> </ul>
<b>Geographic Level</b>	National, state, sub-state
<b>Survey Instrument and Question(s)</b>	<ul style="list-style-type: none"> <li>• Survey Instrument: <a href="http://www.samhsa.gov/data/2k12/NSDUH2013MRB/NSDUHmrbCAIquex2013.pdf">www.samhsa.gov/data/2k12/NSDUH2013MRB/NSDUHmrbCAIquex2013.pdf</a></li> <li>• Definitions:                             <ul style="list-style-type: none"> <li>○ Binge drinking is defined as five or more drinks on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.</li> <li>○ Heavy Drinking is defined as five or more drinks on the same occasion on each of 5 or more days in the past 30 days.</li> </ul> </li> </ul> <p><i>Due to the level of detail, survey questions are not included here (see survey questionnaire)</i></p>
<b>Data and Analysis Tools</b>	Restricted use Data Analysis System (R-DAS): <a href="http://www.icpsr.umich.edu/icpsrweb/content/SAMHDA/rdas.html">http://www.icpsr.umich.edu/icpsrweb/content/SAMHDA/rdas.html</a> <ul style="list-style-type: none"> <li>• NSDUH 10-Year Substate R-DAS File (2002 – 2011)</li> <li>• NSDUH 8-Year R-DAS File (2002 – 2009)</li> <li>• NSDUH 4-Year R-DAS File (2002 – 2005 and 2006 – 2009)</li> <li>• NSDUH 2-Year R-DAS File (2002 – 2003, 2004 – 2005, 2006 – 2007, 2008 – 2009, and 2010 – 2011)</li> </ul>

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<b>Data Source</b>	<b>Pregnancy Risk Assessment Monitoring System (PRAMS): <a href="http://www.cdc.gov/prams/index.htm">www.cdc.gov/prams/index.htm</a></b>
<b>Description</b>	PRAMS is a surveillance project of the Centers for Disease Control and Prevention and state health departments that collects state-specific, population-based data on maternal attitudes and experiences before, during, and shortly after pregnancy.
<b>Methods and Sample</b>	<ul style="list-style-type: none"> <li>• Forty states and New York City currently participate, representing approximately 78% of all U.S. live births. Six other states previously participated. See participating PRAMS states here: <a href="http://www.cdc.gov/prams/States.htm">www.cdc.gov/prams/States.htm</a></li> </ul>
<b>Geographic Level</b>	State
<b>Survey Instrument and Question(s)</b>	<ul style="list-style-type: none"> <li>• Survey Instrument: <a href="http://www.cdc.gov/prams/Questionnaire.htm">www.cdc.gov/prams/Questionnaire.htm</a></li> <li>• Definitions:             <ul style="list-style-type: none"> <li>○ One drink is defined as one glass of wine, wine cooler, can or bottle of beer, shot of liquor, or mixed drink.</li> <li>○ Binge drinking is defined as five or more drinks on one occasion</li> </ul> </li> <li>• Alcohol-Related Survey Questions:             <ul style="list-style-type: none"> <li>○ <i>Alcohol Use (any)</i> <ul style="list-style-type: none"> <li>▪ Have you had any alcoholic drinks in the past 2 years?</li> <li>▪ During the 3 months before you got pregnant, how many alcoholic drinks did you have in an average week?</li> <li>▪ During the last 3 months of your pregnancy, how many alcoholic drinks did you have in an average week?</li> </ul> </li> <li>○ <i>Binge Drinking</i> <ul style="list-style-type: none"> <li>▪ During the 3 months before you got pregnant, how many times did you drink 4 alcoholic drinks or more in one sitting? A sitting is a two hour time span.</li> <li>▪ During the last 3 months of your pregnancy, how many times did you drink 4 alcoholic drinks or more in one sitting? A sitting is a two hour time span.</li> </ul> </li> </ul> </li> </ul>

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<b>Data Source</b>	<b>Pregnancy Risk Assessment Monitoring System (PRAMS): <a href="http://www.cdc.gov/prams/index.htm">www.cdc.gov/prams/index.htm</a></b>
<b>Data and Analysis Tools</b>	<ul style="list-style-type: none"><li>• Online data available CPONDER: 2000 – 2008: <a href="http://apps.nccd.cdc.gov/cPONDER/default.aspx">http://apps.nccd.cdc.gov/cPONDER/default.aspx</a></li><li>• Alcohol indicators available for online analysis<ul style="list-style-type: none"><li>○ Whether mother reported having any alcoholic drinks during the 3 months before getting pregnant</li><li>○ Whether mother reported having any alcoholic drinks during the last 3 months of pregnancy</li></ul></li></ul>

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<b>Data Source</b>	<b>Youth Risk Behavioral Surveillance System (YRBSS):</b> <a href="http://www.cdc.gov/HealthyYouth/yrbs/index.htm">www.cdc.gov/HealthyYouth/yrbs/index.htm</a>
<b>Description</b>	The YRBSS monitors health-risk behaviors that contribute to the leading causes of death and disability among youth and adults, including alcohol, tobacco, and other drug use. YRBSS includes a national school-based Youth Risk Behavior Survey (YRBS) conducted by CDC and state and large urban school district school-based YRBSS conducted by state and local education and health agencies.
<b>Methods and Sample</b>	<ul style="list-style-type: none"> <li>• Cross-sectional data representative of public- and private-school students in grades 9-12 (high school) and grades 6-8 (middle school) in the 50 states and the District of Columbia</li> <li>• Administered in class biennially (during odd years)</li> </ul>
<b>Geographic Level</b>	<p><b><u>High School (1991 – present)</u></b></p> <ul style="list-style-type: none"> <li>• National</li> <li>• State</li> <li>• District of Columbia</li> <li>• American Samoa, Guam, Marshall Islands, Northern Mariana Island, Palau, Puerto Rico, Virgin Islands</li> <li>• Navajo, Nez Perce</li> </ul> <p><b><u>Middle School (1995 – present)</u></b> Conducted by interested states, territories, tribal governments, and large urban school districts</p> <ul style="list-style-type: none"> <li>• National</li> <li>• State</li> <li>• District of Columbia</li> <li>• Guam, Palau</li> <li>• Navajo</li> </ul>
<b>Survey Question(s)</b>	<ul style="list-style-type: none"> <li>• Definitions:             <ul style="list-style-type: none"> <li>○ Drinking alcohol includes drinking beer, wine, wine coolers, and liquor such as rum, gin, vodka, or whiskey.</li> <li>○ Drinking alcohol does not include drinking a few sips of wine for religious purposes.</li> </ul> </li> </ul>

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Data Source	Youth Risk Behavioral Surveillance System (YRBSS): <a href="http://www.cdc.gov/HealthyYouth/yrbs/index.htm">www.cdc.gov/HealthyYouth/yrbs/index.htm</a>
	<p><b><u>Standard High School</u></b></p> <ul style="list-style-type: none"> <li>• Survey Instrument: <a href="http://www.cdc.gov/healthyouth/yrbs/pdf/questionnaire/2015_hs_questionnaire.pdf">www.cdc.gov/healthyouth/yrbs/pdf/questionnaire/2015_hs_questionnaire.pdf</a></li> <li>• Alcohol-Related Survey Questions:               <ul style="list-style-type: none"> <li>○ <i>Alcohol Use (any)</i> <ul style="list-style-type: none"> <li>▪ During your life, on how many days have you had at least one drink of alcohol?</li> <li>▪ How old were you when you had your first drink of alcohol other</li> <li>▪ During the past 30 days, on how many days did you have at least one drink of alcohol?</li> <li>▪ During the past 30 days, on how many days did you have at least one drink of alcohol on school property?</li> </ul> </li> <li>○ <i>Binge Drinking</i> <ul style="list-style-type: none"> <li>▪ During the past 30 days, on how many days did you have 5 or more drinks of alcohol in a row, that is, within a couple of hours?</li> </ul> </li> </ul> </li> </ul> <p><b><u>National High School</u></b></p> <ul style="list-style-type: none"> <li>• Survey Instrument: <a href="http://www.cdc.gov/healthyouth/yrbs/pdf/questionnaire/2015_xhx_questionnaire.pdf">www.cdc.gov/healthyouth/yrbs/pdf/questionnaire/2015_xhx_questionnaire.pdf</a></li> <li>• Alcohol-Related Survey Questions:               <ul style="list-style-type: none"> <li>○ <i>Alcohol Use (any)</i> <ul style="list-style-type: none"> <li>▪ During your life, on how many days have you had at least one drink of alcohol?</li> <li>▪ How old were you when you had your first drink of alcohol other than a few sips?</li> <li>▪ During the past 30 days, on how many days did you have at least one drink of alcohol?</li> <li>▪ During the past 30 days, on how many days did you have at least one drink of alcohol on school property?</li> </ul> </li> <li>○ <i>Binge Drinking</i> <ul style="list-style-type: none"> <li>▪ During the past 30 days, on how many days did you have 5 or more drinks of alcohol in a row, that is, within a couple of hours?</li> </ul> </li> </ul> </li> </ul>



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<b>Data Source</b>	<b>Youth Risk Behavioral Surveillance System (YRBSS):</b> <a href="http://www.cdc.gov/HealthyYouth/yrbs/index.htm">www.cdc.gov/HealthyYouth/yrbs/index.htm</a>
	<p><b><u>Middle School</u></b></p> <ul style="list-style-type: none"> <li>• Survey Instrument: <a href="http://www.cdc.gov/healthyouth/yrbs/pdf/questionnaire/2015_ms_questionnaire.pdf">www.cdc.gov/healthyouth/yrbs/pdf/questionnaire/2015_ms_questionnaire.pdf</a> <ul style="list-style-type: none"> <li>○ <i>Alcohol Use (any)</i> <ul style="list-style-type: none"> <li>▪ Have you ever had a drink of alcohol, other than a few sips?</li> <li>▪ How old were you when you had your first drink of alcohol other than a few sips?</li> </ul> </li> </ul> </li> </ul>
<b>Data and Analysis Tools</b>	Youth Online Interactive Data System: 1991 – 2013 Middle School or High School: <a href="http://nccd.cdc.gov/YouthOnline/App/Default.aspx">http://nccd.cdc.gov/YouthOnline/App/Default.aspx</a>

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## Other Data Sources

<b>Data Source</b>	<b>Alcohol Epidemiologic Data System (AEDS): National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism: <a href="http://www.niaaa.nih.gov">www.niaaa.nih.gov</a></b>
<b>Description</b>	<ul style="list-style-type: none"> <li>• Reports trends in consumption of alcohol in the U.S. using alcoholic beverage sales.</li> <li>• Report provides data on national consumption of beer, wine, and distilled spirits as well as for all alcoholic beverages combined; consumption trends for each state for the same beverage categories; and consumption trends for each type of beverage and all beverages combined for U.S. regions.</li> </ul>
<b>Methods and Sample</b>	<ul style="list-style-type: none"> <li>• Data are collected annually and reported in the Fall, with a lag time of two years. Population data from the U.S. Bureau of the Census are used to calculate rates.</li> <li>• Types of beverages: Beer, spirits, and wine</li> </ul>
<b>Geographic Level</b>	National, state
<b>Survey Question(s)</b>	Data for these reports are drawn from various sources (e.g., NSDUH, MTF survey, YRBSS).
<b>Data and Analysis Tools</b>	<ul style="list-style-type: none"> <li>• Surveillance Report : 1977 – 2012: <a href="http://pubs.niaaa.nih.gov/publications/surveillance98/CONS12.pdf">http://pubs.niaaa.nih.gov/publications/surveillance98/CONS12.pdf</a></li> <li>• All Reports: <a href="http://pubs.niaaa.nih.gov/publications/surveillance.htm">http://pubs.niaaa.nih.gov/publications/surveillance.htm</a></li> </ul>

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