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| **Domain:** | Alcohol, Tobacco and Other Substances |
| **Measure:** | Alcohol - Age of First Use |
| **Definition:** | Question asking the respondent how old s/he was when he or she first consumed alcohol. |
| **Purpose:** | This measure assesses when the participant's alcohol consumption began. |
| **Essential PhenX Measures:** | Current AgeAlcohol - Lifetime Use |
| **Related PhenX Measures:** | Alcohol - Maximum Drinks in 24 HoursGender |
| **Collections:** | Alcohol UseCore: Tier 1Mental Health Research Core: Tier 2Sickle Cell Disease: Core Tier 2 |
| **Keywords:** | Alcohol, alcohol use, alcohol abuse, coolers, beer, wine, champagne, liquor, whiskey, rum, gin, vodka, scotch, liqueurs, National Institute on Alcohol Abuse and Alcoholism, NIAAA, National Epidemiologic Survey on Alcohol and Related Conditions, NESARC, Alcohol Use Disorder and Associated Disabilities Interview Schedule, AUDADIS, Diagnostic and Statistical Manual of Mental Disorders |

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| **Protocol Release Date:** | February 6, 2009 |
| **PhenX Protocol Name:** | Alcohol - Age of First Use |
| **Protocol Name from Source:** | The Expert Review Panel has not reviewed this measure yet. |
| **Description:** | Measurement to ascertain the respondent's age of initiation of first use of alcohol and duration of use. |
| **Specific Instructions:** | Respondents are only asked this question if they answered "yes" to the Alcohol - Lifetime Use measure. Alcohol is defined as any type of alcohol (including coolers, beer, wine, champagne) and liquor (e.g., whiskey, rum, gin, vodka, scotch, or liqueurs). |
| **Protocol:** | *The Working Group acknowledges that the following question may gather sensitive information relating to the use of substances and/or illegal conduct. If the information is released it might be damaging to an individual's employability, lead to social stigmatization, or other consequences.**For information on obtaining a Certificate of Confidentiality, which helps researchers protect the privacy of human research participants, please go to the National Human Genome Research Institute's Institutional Review Board website.**The following question is asked of the respondent. Respondents answer yes or no to this question. Read the introductory paragraph to the respondent. If your questionnaire includes multiple questions about alcohol, then the first sentence should be "The next questions are about drinking alcohol."*The next question is about drinking alcohol. This includes coolers, beer, wine, champagne, liquor such as whiskey, rum, gin, vodka, scotch, or liqueurs, and also any other type of alcohol.About how old were you when you first started drinking, not counting small tastes or sips of alcohol? \_\_\_Age*Notes to interviewer:** *Definition of a standard drink: 1 12oz bottle of beer, 1 glass 4oz non-fortified wine, 1 mixed drink with 1oz liquor.*
* *If respondent needs a visual reference for the size of a drink, the flashcards from the Wave 1 National Epidemiologic Survey on Alcohol and Related Conditions (NESARC) study are provided below:*

http://www.phenxtoolkit.org/toolkit_content/web/atos/Flashcard_1A.jpghttp://www.phenxtoolkit.org/toolkit_content/web/atos/Flashcard_1B.jpghttp://www.phenxtoolkit.org/toolkit_content/web/atos/Flashcard_1C.jpghttp://www.phenxtoolkit.org/toolkit_content/web/atos/Flashcard_2A.jpghttp://www.phenxtoolkit.org/toolkit_content/web/atos/Flashcard_2B.jpghttp://www.phenxtoolkit.org/toolkit_content/web/atos/Flashcard_2C.jpghttp://www.phenxtoolkit.org/toolkit_content/web/atos/Flashcard_3A.jpghttp://www.phenxtoolkit.org/toolkit_content/web/atos/Flashcard_3B.jpghttp://www.phenxtoolkit.org/toolkit_content/web/atos/Flashcard_3C.jpg |
| **Selection Rationale:** | The protocol from the Alcohol Use Disorder and Associated Disabilities Interview Schedule (AUDADIS) was chosen because it is a large study (Wave 1 included 43,093 Americans; in Wave 2, 34,653 members of the original cohort were reinterviewed). The measures from this survey have been validated and psychometrically tested. |
| **Source:** | National Institute on Alcohol Abuse and Alcoholism (NIAAA) National Epidemiologic Survey on Alcohol and Related Conditions. Wave 1 (NESARC - WAVE 1). Alcohol Use Disorder and Associated Disabilities Interview Schedule - Diagnostic and Statistical Manual of Mental Disorders. Fourth Edition Version (AUDADIS-IV). Section 2A. Question 16a and Flashcard Booklet, Flashcards 13A-C, 16A-C, and 17A-C. Grant, B. F., Dawson, D. A., Stinson, F. S., Chou, P. S., Kay, W., & Pickering, R. (2003). The Alcohol Use Disorder and Associated Disabilities Interview Schedule-IV (AUDADIS-IV): Reliability of alcohol consumption, tobacco use, family history of depression and psychiatric diagnostic modules in a general population sample. *Drug and Alcohol Dependence,* *71*(1), 7-16. |
| **Life Stage:** | Adult |
| **Language of source:** | English, Available in other languages |
| **Participant:** | ≥18 years of age |
| **Personnel and Training Required:** | Interviewer must be trained and found competent to conduct personal interviews with individuals from the general population. The interviewer should be trained to prompt respondents further if a "don't know" response is provided. |
| **Equipment Needs:** | While the Alcohol Use Disorder and Associated Disabilities Interview Schedule-IV (AUDADIS-IV) instrument was developed for administration by computer, the PhenX Working Group acknowledges that this question can be administered in a noncomputerized format. Hasin et al. (1997) and Grant et al. (1995) used the AUDADIS in paper-and-pencil format, while Grant et al. (2003) obtained data with the computerized format. |
| **Standards:** |

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| **Standard** | **Name** | **ID** | **Source** |
| Common Data Element (CDE) | Alcohol Use Start Age in Years | 2008447 | [CDE Browser](https://cdebrowser.nci.nih.gov/CDEBrowser/search?elementDetails=9&FirstTimer=0&PageId=ElementDetailsGroup&publicId=2008447&version=1.0) |
| Logical Observation Identifiers Names and Codes (LOINC) | Alcohol age first use proto | 62545-9 | [LOINC](http://s.details.loinc.org/LOINC/62545-9.html?sections=Web) |

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| **General references:** | Dawson, D. A., Goldstein, R. B., Chou, S. P., Ruan, W. J., & Grant, B. F. (2008). Age at first drink and the first incidence of adult-onset DSM-IV alcohol use disorders. *Alcoholism: Clinical and Experimental Research,* *32*(12), 2149-2160.Grant B. F., Dawson, D. A., Stinson, F. S., Chou, P. S., Kay, W., & Pickering, R. (2003). The Alcohol Use Disorder and Associated Disabilities Interview Schedule-IV (AUDADIS-IV): Reliability of alcohol consumption, tobacco use, family history of depression and psychiatric diagnostic modules in a general population sample. *Drug and Alcohol Dependence,* *71*(1), 7-16.Grant, B. F., Harford, T. C., Dawson, D. A., Chou, P. S., & Pickering, R. P. (1995). The Alcohol Use Disorder and Associated Disabilities Interview Schedule (AUDADIS): Reliability of alcohol and drug modules in a general population sample. *Drug and Alcohol Dependence,* *39*(1), 37-44.Hasin, D., Carpenter, K. M., McCloud, S., Smith, M., & Grant, B. F. (1997). The Alcohol Use Disorder and Associated Disabilities Interview Schedule (AUDADIS): Reliability of alcohol and drug modules in a clinical sample. *Drug and Alcohol Dependence,* *44*(2-3), 133-141. |
| **Mode of Administration:** | Interviewer-administered questionnaire |
| **Derived Variables:** | None |
| **Requirements:** |

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| **Requirement Category** | **Required** |
| Major equipment | No |
| Specialized training | No |
| Specialized requirements for biospecimen collection | No |
| Average time of greater than 15 minutes in an unaffected individual | No |

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| **Process and Review:** | The Expert Review Panel has not reviewed this measure yet. |