

Supplementary Table 1. Demographic characteristics of participants by smoking and drinking status

| | Group I Non-smokers/Non- Drinkers N=1,517 Weighted% | Group II Non-smokers/Drinkers N=1,222 Weighted% | Group III Smokers/Non-drinkers N=131 Weighted% | Group IV Smokers/ Drinkers N=119 Weighted% | p-value |
|--------------------------------------|--|--|---|---|-----------------|
| Sex | | | | | <0.01 |
| Male | 37.2 | 52.1 | 43.2 | 64.6 | |
| Female | 62.8 | 47.9 | 56.8 | 35.4 | |
| Age group | | | | | <0.01 |
| 18-34 | 24.2 | 25.0 | 7.3 | 3.0 | |
| 35-49 | 23.7 | 31.0 | 23.5 | 33.3 | |
| 50-64 | 31.8 | 29.0 | 51.1 | 44.1 | |
| 65-74 | 10.9 | 9.8 | 14.0 | 14.1 | |
| 75 or older | 9.4 | 5.2 | 4.1 | 5.5 | |
| Race/ethnicity* | | | | | <0.01 |
| Hispanic | 20.4 | 17.1 | 20.1 | 7.6 | |
| NH White | 54.9 | 66.3 | 57.0 | 53.1 | |
| NH Black | 12.9 | 8.8 | 18.5 | 33.2 | |
| NH Other | 11.8 | 7.8 | 4.4 | 6.2 | |
| Education | | | | | <0.01 |
| Less than high school | 7.4 | 3.6 | 20.4 | 11.1 | |
| 12 years or completed high school | 26.8 | 15.7 | 30.8 | 34.9 | |
| Some college | 38.0 | 29.6 | 39.5 | 36.4 | |
| College graduate or higher | 27.9 | 51.2 | 9.3 | 17.6 | |
| Income | | | | | <0.01 |
| \$0-\$19,999 | 18.3 | 7.5 | 41.9 | 33.6 | |
| \$20,000-\$49,999 | 27.0 | 20.3 | 35.9 | 32.6 | |
| \$50,000-\$99,999 | 29.8 | 30.2 | 17.3 | 23.2 | |
| \$100,000 or more | 24.9 | 42.0 | 4.9 | 10.6 | |

Note: Bolded p values indicate significance.

Data source: 2019 Health Information National Trends Survey (HINTS 5, Cycle 3)

* NH: non-Hispanic

Adapted from Lin W. 2025. Knowledge of the health consequences of heavy alcohol consumption among individuals with different substance use statuses: A cross-sectional analysis of 2019 HINT Survey. Chronic Illness 21(2): 253–262. <https://doi.org/10.1177/17423953231213853>