Data Analysis

Michael Schramm

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# Methods

## Survey

To do

| **Characteristic** | **N = 1,1001** |
| --- | --- |
| Sex/Gender |  |
| Male | 529 (48%) |
| Female | 565 (51%) |
| Other | 4 (0.4%) |
| No answer | 2 (0.2%) |
| Age |  |
| 18:24 | 125 (11%) |
| 25:34 | 192 (17%) |
| 35:44 | 204 (19%) |
| 45:54 | 198 (18%) |
| 55:64 | 171 (16%) |
| 65+ | 208 (19%) |
| No answer | 2 (0.2%) |
| Race/Ethnicity |  |
| American Indian/Native American or Alaska Native | 15 (1.4%) |
| Asian | 49 (4.5%) |
| Hispanic or Latino or Spanish Origin of any race | 109 (9.9%) |
| Black or African American | 119 (11%) |
| Native Hawaiian or Other Pacific Islander | 3 (0.3%) |
| White or Caucasian | 723 (66%) |
| Other | 21 (1.9%) |
| Two or More | 57 (5.2%) |
| No answer | 4 (0.4%) |
| Educational |  |
| Some high school | 47 (4.3%) |
| High school graduate or GED | 418 (38%) |
| Associate degree | 178 (16%) |
| Bachelor's degree | 246 (22%) |
| Master's degree | 132 (12%) |
| Doctorate or terminal degree | 28 (2.5%) |
| Other | 40 (3.6%) |
| No answer | 11 (1.0%) |
| 1n (%) | |

## Data Analysis

Prior to analysis, individual survey responses were weighted so that marginal proportions of the survey matched national level benchmarks from the 5-year 2021 American Community Survey (ACS) on sex/gender, age group, race/ethnicity, and education level. Weights were developed by poststratification raking using the American National Election Study (ANES) weighting algorithm implemented in the *anesrake* R package (DeBell and Krosnick 2009; Pasek 2018). Weights on gender were developed by re-coding “female” and “other” responses as “non-male” because the ACS only provides binary response options for sex. Using this approach, responses from both “female” and “other” respondents have the same marginal weight. Kennedy et al. (2022) provide substantial discussion on the treatment of sex and gender in survey adjustment. Kennedy et al. (2022) provide substantial discussion on the treatment of sex and gender in survey adjustment.

| **Variable** | **Value** | **Unweighted N** | **Unweighted %** | **Target %** | **Weighted N** | **Weighted %** |
| --- | --- | --- | --- | --- | --- | --- |
| Sex/Gender | Male | 529 | 48.1 | 49.0 | 539.1 | 49.0 |
| Not Male | 569 | 51.7 | 51.0 | 560.9 | 51.0 |
| No answer | 2 | 0.2 |  |  |  |
| Age | 18:24 | 125 | 11.4 | 11.9 | 130.6 | 11.9 |
| 25:34 | 192 | 17.5 | 17.7 | 195.1 | 17.7 |
| 35:44 | 204 | 18.5 | 16.6 | 183.1 | 16.6 |
| 45:54 | 198 | 18.0 | 16.3 | 179.2 | 16.3 |
| 55:64 | 171 | 15.5 | 16.8 | 184.4 | 16.8 |
| 65+ | 208 | 18.9 | 20.7 | 227.6 | 20.7 |
| No answer | 2 | 0.2 |  |  |  |
| Race/Ethnicity | American Indian/Native American or Alaska Native | 15 | 1.4 | 0.6 | 6.3 | 0.6 |
| Asian | 49 | 4.5 | 5.8 | 63.9 | 5.8 |
| Hispanic or Latino or Spanish Origin of any race | 109 | 9.9 | 16.4 | 180.7 | 16.4 |
| Black or African American | 119 | 10.8 | 11.9 | 131.0 | 11.9 |
| Native Hawaiian or Other Pacific Islander | 3 | 0.3 | 0.2 | 1.8 | 0.2 |
| White or Caucasian | 723 | 65.7 | 62.4 | 686.3 | 62.4 |
| Other | 21 | 1.9 | 0.3 | 3.6 | 0.3 |
| Two or More | 57 | 5.2 | 2.4 | 26.5 | 2.4 |
| No answer | 4 | 0.4 |  |  |  |
| Education | Some high school | 47 | 4.3 | 7.8 | 85.8 | 7.8 |
| High school graduate or GED | 418 | 38.0 | 49.4 | 543.7 | 49.4 |
| Associate degree | 178 | 16.2 | 8.3 | 91.3 | 8.3 |
| Bachelor's degree | 246 | 22.4 | 19.4 | 213.7 | 19.4 |
| Master's degree | 132 | 12.0 | 8.3 | 91.3 | 8.3 |
| Doctorate or terminal degree | 28 | 2.5 | 1.3 | 14.7 | 1.3 |
| Other | 40 | 3.6 | 5.4 | 59.5 | 5.4 |
| No answer | 11 | 1.0 |  |  |  |

DeBell M, Krosnick JA. 2009. Computing Weights for American National Election Study Survey Data. Ann Arbor, MI, and Palo Alto, CA: American National Election Studies ANES Technical Report series Report No.: nes012427. <http://www.electionstudies.org/resources/papers/nes012427.pdf>.

Kennedy L, Khanna K, Simpson D, Gelman A, Jia Y, Teitler J. 2022. Using sex and gender in survey adjustment. <http://arxiv.org/abs/2009.14401>.

Pasek J. 2018. anesrake: ANES Raking Implementation. <https://CRAN.R-project.org/package=anesrake>.