

## Appendix B: Weighting

The ATP and nonprobability surveys included in this report were weighted according to a modified version of the standard weighting procedure used for the ATP.

Each wave of the ATP used in this report was weighted in a multi-step process that begins with a base weight incorporating the respondents' original survey selection probability and the fact that some panelists were subsampled for invitation to the panel. Next, an adjustment was made for the fact that the propensity to join the panel and remain an active panelist varied across different groups in the sample.

Both the ATP and the nonprobability surveys were then weighted using an iterative technique that matches gender, age, education, race, Hispanic origin and region to parameters from the U.S. Census Bureau's 2013 American Community Survey. Population density is weighted to match the 2010 U.S. Decennial Census. Telephone service is weighted to estimates of telephone coverage for 2014 that were projected from the July-December 2013 National Health Interview Survey.

The ATP was also adjusted for internet access using as a parameter a measure from the 2014 Survey of Political Polarization. Because the nonprobability surveys do not include any respondents who do not have access to the internet, they cannot be weighted on this dimension.

The standard ATP weighting process adjusts party identification to match the three most recent Pew Research Center general public telephone surveys; however, this was not done for this report in order to allow analysis of variation in party identification across panels.

Some of the panels provided weights for their surveys. For each panel, we used the set of weights that yielded the lowest average absolute bias in the benchmarking analysis. Sample I was the only sample where the vendor-supplied weights outperformed the ATP-style weights. As such, all analyses in this report use the vendor-supplied weights for sample I and the ATP-style weights for all other nonprobability samples.