



2026 NATIONAL PARENT SURVEY NEW AMERICA



PROJECT METHODS AND TRANSPARENCY REPORT

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STUDY INTRODUCTION

NORC conducted the 2026 National Parent Survey study on behalf of New America using NORC's AmeriSpeak® Panel and Dynata for the sample source. The former is a probability-based panel and the latter is a non-probability panel. This research was done to better understand the views and opinions of parents of children ages 5 and younger.

The survey was offered in English and Spanish, and was administered in two modes for the AmeriSpeak respondents depending on the preference of the respondent provided during the panel recruitment: 1) self-administered by the respondent online via the Web; or 2) administered over the telephone by a live interviewer. For non-probability respondents, all completed interviews were self-administered by the respondent online. Final data was weighted using NORC's **TrueNorth** Calibration methodology.



AAPOR Transparency Initiative

This *AmeriSpeak Project Methods and Transparency Report* provides complete information on how the survey was executed, including any information disclosure to meet the requirements of the AAPOR Transparency Initiative. NORC at the University of Chicago is a Charter Member of the AAPOR Transparency Initiative, which fosters open science of survey research by acknowledging those organizations that pledge to practice transparency in their reporting of survey-based research findings. More on the Transparency Initiative can be found here: <https://www.aapor.org/Standards-Ethics/Transparency-Initiative/FAQs.aspx>

SURVEY OVERVIEW

Study Target Population: National general population of parents of children ages 0-5 with an oversample of those parents in households <200% Federal Poverty Level (FPL).

Sample Units (Probability cases only): 7,496

Overall Completed Units: 5,472

Probability Completed Units: 1,104

Nonprobability Completed Units: 4,368

Expected Eligibility Rate: 40.0%

Observed Eligibility Rate: 30.4%

Survey Field Period: January 16, 2026 – February 2, 2026

Median Duration (minutes): 11

Definitions of the above categories:

Study Target Population: The total set of individuals of interest to which the researcher intends to generalize their conclusions.

Sample Units: The number of panel members selected into the study sample.

Completed Units: The number of sample units that completed the interview based on the study-specific definition of what constitutes a complete interview. This number excludes any cases where an interviewer finished a survey, but the case was removed due to data quality concerns (the process for such removal is detailed later in this report).

Expected Eligibility Rate: The percentage of the sampling population who are expected to meet study eligibility criteria.

Observed Eligibility Rate: The percentage of the sample members who were eligible for the study among those who answered the screening questions.

Survey Field Length: the period from the earliest to the latest contact dates of cases sampled for the survey.

Duration: The length of time needed to complete the interviews. Interview length is calculated differently depending on whether the interview was conducted over the phone or via the web. For telephone mode, it is the time from when the respondent picks up the telephone until they hang up the telephone. For web interviews, duration is from when they first connect to the web system to when they log off the system or become inactive. In the case of multiple contacts, this number represents the sum of those contacts.

STUDY-SPECIFIC DETAILS

Sampling

A general population sample of parents of children ages 0-5 was selected from NORC's probability-based AmeriSpeak Panel and from Dynata non-probability panel for this study. Respondents were asked in field to confirm the ages of their children. If a respondent did not report having any children age 0-5, they were terminated from the survey. An oversample was also collected for parents with household incomes of less than 200% of the Federal Poverty Level (FPL) to achieve an efficient sample size for analysis of that group. The overall study target population is parents of children ages 0-5.

The probability sample for this study is selected from the AmeriSpeak Panel using sampling strata based on age, race/Hispanic ethnicity, education, and sex (36 sampling strata in total). Sample selection takes into account the expected differential survey completion rates across the sampling strata. The size of the selected sample per stratum is determined such that the distribution of the complete surveys across the strata matches that of the target population as represented by census data. When panelists are selected for an AmeriSpeak survey, the selection process, within each sampling strata, favors those who were not selected in the most recent previous AmeriSpeak survey. This selection process is designed to minimize the number of surveys any one panelist is exposed to and maximize the rotation of all panelists across AmeriSpeak surveys.

For more detailed information on the AmeriSpeak panel recruitment and management methodology, please see the Appendix ("Technical Overview of the AmeriSpeak® Panel NORC's Probability-Based Household Panel") attached to this AmeriSpeak Project Report.

For the non-probability sample, we defined quota buckets for demographic strata to reflect known population distributions. We worked with the sample provider to slowly release the sample over the field period to adequately fill each. The quota buckets and the number of interviews in each are given later in the field section of this report.

The oversample in this project has the following sample size:

Parents in households with incomes under 200% FPL

Completed Units (n): 2,915

Completed Probability Units (n): 531

Completed Nonprobability (n): 2,384

Parents in households with incomes greater than or equal to 200% FPL

Completed Units (n): 2,557

Completed Probability Units (n): 573

Completed Nonprobability (n): 1,984

Field

A sub-sample of AmeriSpeak web-mode panelists were invited to the survey on January 16 in a soft-launch. The initial data from the soft-launch was reviewed to confirm that there were no processing or programming errors. Once reviewed, the remainder of sampled AmeriSpeak panelists were invited to the survey on January 16. Data collection ended on February 2.

Sample from Dynata were fielded from January 22 to February 2.

In total, NORC collected 1,104 final AmeriSpeak interviews, 1,099 by web mode and 5 by phone mode. 4,368 final interviews were collected through Dynata. This does not include interviews that may have been removed for data quality purposes (see below).

This final collection of survey completers includes a specific oversample of parents with household incomes under 200% FPL (2,915 completions) to ensure adequate sample size of those groups for analysis. These oversampled groups are weighted down to match their respective proportion in the population in the weighting process (see description of that process later in this report).

Panel & Survey Sample Performance

The rates reported in the tables below **only** apply to the AmeriSpeak part of the sample. It is not possible to measure most sample performance rates for the nonprobability sample, since we do not know how many were invited to the survey or the necessary information about how the panel was built. It is also not relevant, since there is no advantage of a high response rate when neither the panel nor the sample is based on probability. That said, AAPOR transparency requirements require a participation rate for non-probability respondents (i.e., the number of eligible non-probability respondents completing a survey over the number of the number eligible non-probability respondents starting a survey). For this survey, the non-probability participation rate is 90.7%. This rate excludes data quality removals, which are explained in a later section of this report.

To meet requirements in the AAPOR Transparency Initiative, we offer performance outcome measures of both the AmeriSpeak Panel and the AmeriSpeak sample selected from the AmeriSpeak Panel. The AmeriSpeak Panel is a household panel, so recruitment and retention rates are household rates. The survey sample is an individual-level sample pulled from the AmeriSpeak panel, so those are individual-level rates.

Panel Outcome Measures	
Weighted Household Panel Recruitment Rate (WPrecr)	
24.9%	

Weighted Household Recruitment Rate (WPreCr): The weighted AAPOR RR3¹ at the household level for AmeriSpeak panel recruitment. A recruited household is a household where at least one adult successfully completed the recruitment survey and joined the panel.

Survey Sample Outcome Measures				
Screening Completion Rate (ScrC)	Incidence/Eligibility Rate (I)	Interview Completion Rate (IC)	Survey Completion Rate (SurC)	Weighted Cumulative Response Rate (WCR)
49.7%	30.4%	97.4%	48.4%	12.1%

Screening Completion Rate (ScrC): The percent of eligible sample members invited to the survey who completed the screener question(s) to identify whether they are eligible for the survey, whether or not they screened out of or into the survey. 7,496 panelists were invited to the survey, and 3,727 completed the screener questions to determine eligibility for the survey.

Incidence/Eligibility Rate (I): The percent of those who completed the screener question(s) who, based on their responses to the screener question(s), is determined to be eligible to take the survey. Of the 3,727 invited panelists completed the screener questions to determine eligibility for the survey, 1,133 were determined eligible for the survey based on their response.

Interview Completion Rate (IC): The percent of eligible sample members who completed the survey interview. Of the 1,133 invited panelists who were determined to be eligible for the survey, 1,104 completed the survey. To be an interview completer, a respondent had to go through the entire survey and meet the standards of data quality review, as discussed later in this report

Survey Completion Rate (SurC): The overall completion rate at the survey stage of those invited, taking into consideration that not all invited were eligible. To achieve this, this includes the screener completion rate and the interview completion rate ($SurC = ScrC \times IC$)

Weighted Cumulative Response Rate (WCR): The overall survey response rate that accounts for survey outcomes in all response stages (e.g., screener completion rate and interview completion rate) *plus* the panel recruitment rate. This overall rate is weighted to account for the sample design and differential inclusion probabilities of sample members. ($WCR = SurC \times WPreCr$)

Gaining Cooperation of AmeriSpeak Panelists for the Study

If invited, AmeriSpeak panelists can take the survey online through the password-protected AmeriSpeak Mobile App, the password-protected AmeriSpeak Web portal, or by following a link in the e-mail invitation sent to them.

NORC sent the initial invitations on January 16 to the soft launch sample panelists and later the same day to the remaining sampled panelists. To encourage study participation, NORC sent email reminders to sampled web-mode panelists on the following schedule:

¹AAPOR RR3 and other response rate calculations can be found here: <https://www.aapor.org/Education-Resources/For-Researchers/Poll-Survey-FAQ/Response-Rates-An-Overview.aspx>. AmeriSpeak used to include an attrition rate in the reported cumulative, final response rate. However, such rates are not a part of the AAPOR requirements and are not reported by any other commercially available probability panel. To avoid confusion and create an apples-to-apples comparison between surveys using probability panels, we now follow the industry standard of sample performance reporting, which involves retiring inactive panelists and, therefore, excluding them from attrition sample performance reporting statistics. For clients who prefer rates calculated using our previous approach, we can provide them upon request.

- Email reminders were sent three (3) days after the initial invite email, and then every five (5) days thereafter.
- A Last Chance email reminder was also sent the day before the end of the field period on February 2.

To administer the phone survey, NORC dialed sampled panelists who prefer to take surveys on the phone from January 21 to February 2. Although most panelists who have stated a preference to take the survey on the phone do take them in that mode, they also have the option of taking the survey online via the web portal or the AmeriSpeak App or can ask the interviewer to e-mail them an invite instead. These rare phone-preferred panelists who end up taking the survey online are coded in the data based on the mode they took the survey, not their previously stated mode preference.

Panelists were offered the cash equivalent of \$3 for completing this survey.

The incentive provided to the nonprobability sample is unknown to us. The method for getting completes does not necessarily involve reminders. Since probability is not involved, a higher response rate is not relevant for a non-probability sample.

Data Processing & Data Quality Review

NORC prepared a fully labeled data file of respondent survey data and demographic data for New America.

NORC applied cleaning rules to the survey data for quality control. In total, 124 cases were removed from the final set of completed interviews based on two cleaning rules. Descriptions of the cleaning criteria and the counts from each are below (counts are overlapping).

- Removing Speeders (i.e., those that completed the survey in less than one-third the median duration)
 - 109 removed for speeding
- Removing Respondents with High Refusal Rates (i.e., those that skip or refuse more than 50% of the eligible questions)
 - 62 removed for high refusal rates

Of those 124 cases removed:

- 77 cases were marked with one of the two flags above
- 47 cases were marked with both of the flags above

AmeriSpeak is a probability-based panel where respondents are selected by us to join, and access to surveys is controlled by the panelist's secure log-in information to a web portal or app. Emails, text invitations, or interview-operated telephone calls are sent directly to the address/number of the recruited panelist. When called by phone, the panelist is requested to identify themselves by name. The way AmeriSpeak surveys are programmed and panelists are invited ensures that each panelist can take the survey only once, and their identity is always identifiable based on a unique ID. For these reasons, AmeriSpeak does not suffer the problem of "bots," fabricated profiles, non-invited respondents, or individuals or members of the household repeatedly and illegitimately taking the same survey.

However, since this is a TrueNorth project, part of the sample for this survey is a non-probability sample, so bots, fabricated profiles, non-invited respondents, or repeat survey takers may be an issue. In addition to the data quality check above (which includes both probability and non-probability cases), we have additional data quality steps for the non-probability cases. At the beginning of the survey for non-probability cases, when we collect demographic measures, we include two "attention checks." One is a question with a list of random numbers as response options, and it asks the respondent to pick a specific question. In addition, we ask for both age and birth year in the demographic section of the questionnaire (these two questions are not asked sequentially). If a respondent fails to select the number, we make

clear they should be selecting, or if the respondent gives an age and birth year that cannot both be true, we end the survey for that respondent. Also, we include reCAPTCHA, a web-based verification tool that distinguishes human users from automated bots via a checkbox. If a respondent fails to verify that they are human, we end the survey for that respondent. Finally, we include a programmed tool called **Research Defender** (<https://repdata.com/solutions/research-defender/>), which flags and blocks suspicious non-probability respondents based on duplicate IP addresses, geo-location, hyperactivity, historic fraud lists, and other suspicious factors. The number of non-probability cases blocked from the survey by these means are:

- 1,503 cases were flagged as suspicious and blocked from taking the survey by Research Defender
- 241 of cases where the respondent failed at least one of the two attention check questions and was blocked from taking the survey

Statistical TrueNorth Weighting



AmeriSpeak Panel Weight: Since the sampling frame for the probability sample is the AmeriSpeak Panel, which itself is a sample, the starting point for the study's weighting is the AmeriSpeak panel weight. The panel weight reflects the cumulative panel recruitment selection probabilities, nonresponse adjustments, and calibration to population benchmarks, both at the household and individual levels.

Probability Base Weight: The AmeriSpeak Panel Weight is then adjusted to account for the sample selection probability from the panel under the study sample design. The base weight for the study sample is a product of the AmeriSpeak Panel Weight and the inverse of selection probabilities associated with sample selection from the panel.

Nonresponse Adjusted Probability Weight: The nonresponse adjusted weight is created by adjusting the base weights for respondents to compensate for nonrespondents within nonresponse weighting classes defined by age, race/ethnicity, sex, and education. Within each weighting class, the nonresponse-adjusted weight is the product of the base weight and the inverse of the weighted response rate.

The AmeriSpeak Panel Technical Overview, included in the Appendix of the Project Methods and Transparency Report, provides a more in-depth discussion of how AmeriSpeak develops the panel and base, and the standard approach to final probability weights. This is a TrueNorth project, so it takes additional steps to develop final weights, which are detailed here.

The Goal of TrueNorth Weighting

The TrueNorth process solves a number of problems inherent to nonprobability samples and produces a pseudo-probabilistic and far less biased sample than nonprobability samples alone. This is mainly achieved by blending a much higher-quality and lower-bias probability sample with a nonprobability sample. But the real difference lies in the sophisticated way TrueNorth combines these samples.

A nonprobability sample is not randomly selected. Rather, respondents are irregularly invited through a variety of means, driven primarily by convenience (in short, the survey provider has some “easy” means of finding people, such as purchasing a list from a company or through advertising on specific websites). Thus, the “types” of people in a nonprobability sample are unknown, and as well and just as concerning, the proportions of these types are unknown. Therefore, any method of weighting a nonprobability sample needs to be able to effectively typologize respondents into meaningful groups from which to weight, and then to know the proportions of people who belong to each group.

At its heart, this is what all weighting does. For example, nearly all samples are assigned to “types” by age group, sex, race/ethnicity, etc., and we can obtain the correct proportions for each type using U.S. Census

data. Raking or another typical weighting procedure will then produce weights to ensure proper representation of each respondent type. Unfortunately, multiple studies document that weighting solely by demographics is necessary but quite insufficient to reduce bias in nonprobability samples.² So, while TrueNorth, like most nonprobability weighting schemes, does weight to these important demographic parameters, more needs to be done. New types need to be defined, and the proportions of each type need to be set.

TrueNorth uses an ensemble tree-based non-parametric supervised learning algorithm to classify respondents into new types based on their survey responses. TrueNorth leverages the fact that it includes a companion probability sample that, properly weighted, is assumed to be generally unbiased and can be leveraged. The TrueNorth algorithm classifies samples into types beyond the usual basic demographic types based on how the data in the samples best cluster by respondents' survey responses. It thus solves both problems for the nonprobability sample: first, the tree-based analyses classify cases into distinct leaves (types), and second, the weighted probability sample then provides the estimated weighted proportion of each leaf in the overall tree.

The Process of TrueNorth Weighting

The final TrueNorth weights delivered with the data for the combined sample are developed in three major steps. The first step is to fit a weighted ensemble tree model to the combined probability and nonprobability samples. The second step, based on the fitted tree model, is to estimate the probabilities of inclusion in the combined probability and nonprobability samples and compute the initial weights as the inverse of the estimated probabilities. Third, poststratification adjustments, including calibration to benchmarks and weight trimming, are made to the initial weights to create the final weights. These three steps are described in more detail below.

Step 1: Starting Weights for Probability and Nonprobability Sample Members

We begin the TrueNorth process with nonresponse-adjusted sample weights for the probability sample members and a weight of 1 for all nonprobability sample members.

Step 2: Develop Weighted Ensemble Tree Model

A decision tree, a non-parametric supervised learning algorithm for classification, is next used to classify respondents in the combined sample into types based on their actual survey responses. To fit the weighted ensemble tree model, we use the starting weights from Step 1 for each member of the combined sample. The ensemble tree model is fitted using all observed survey responses and demographic covariates from the combined sample. The leaves in the final tree are assumed to be homogeneous with respect to the probabilities of inclusion in the nonprobability sample. Each combined sample member is assigned to a single leaf in the tree model. The size of the leaves (i.e., the number of sample members in each leaf) is determined to minimize a bias-variance score computed over all variables for the combined sample.

² See the following:

Andrew Mercer, Arnold Lau, and Courtney Kennedy. (2018). "For Weighting Online Opt-In Samples, What Matters Most?" <https://www.pewresearch.org/methods/2018/01/26/for-weighting-online-opt-in-samples-what-matters-most/>

Axel Börsch-Supan, Joachim Winter. (2004). "[How to make internet surveys representative: A case study of a two-step weighting procedure](#)," [MEA discussion paper series](#) 04067, Munich Center for the Economics of Aging (MEA) at the Max Planck Institute for Social Law and Social Policy.

Reg Baker, J. Michael Brick, Nancy A. Bates, Mike Battaglia, Mick P. Couper, Jill A. Dever, Krista J. Gile, Roger Tourangeau. (2013). "REPORT OF THE AAPOR TASK FORCE ON NONPROBABILITY SAMPLING." American Association for Public Opinion Research.

Step 3: Compute Initial Combined Sample Weights

In this step, we use the tree structure to estimate the overall probability that a unit is included in the combined sample, either through the probability sample or the nonprobability sample. This requires estimation of two quantities:

1. Probabilities of inclusion in the nonprobability sample, for both probability sample units and nonprobability sample units.
2. Probabilities of inclusion in the probability sample, only for the nonprobability sample units. (These probabilities of inclusion are known for the probability sample units.)

For all combined sample units in each leaf, we estimate quantity 1, the probabilities of inclusion in the nonprobability sample among all sample units, as the ratio of the number of nonprobability sample units to the total weighted counts of the leaf. Note that the numerator is simply the number of nonprobability sample units, and the denominator is the sum of the number of nonprobability sample units and the weighted total of probability sample units. Essentially, the estimated probability of inclusion in the nonprobability sample is the estimated population proportion of nonprobability units per leaf.

Because the leaves are expected to be homogeneous, we estimate quantity 2, the probability of inclusion in the probability sample among the nonprobability sample units, as the average design probability over all probability sample units. In other words, the nonprobability sample units in a leaf are assumed to have a probability of inclusion in the probability sample that is equal to the average inclusion probabilities among the probability sample units.

For all sample units, the inclusion probability in the combined sample is estimated as the probability of inclusion in the probability sample plus the probability of inclusion in the nonprobability sample, given that they are not selected into the probability sample. The inverse of this value is the initial sample weight for each unit in the combined sample.

Step 4: Compute Ratio-adjusted Combined Weights

Next, we ratio-adjust the initial combined sample weights so that the sum of the weights across all units equals the sum of the nonresponse-adjusted weights for all probability sample units. This ratio adjustment does not change the initial weight for leaves that contain only probability sample units. For leaves that contain nonprobability sample units only, all units retain their starting weight of 1 (there are typically none of these leaves in the ensemble tree structure). For leaves that have both probability and nonprobability units, the ratio adjustment resembles a poststratification adjustment that forces the total weight to match the sum of the nonresponse-adjusted weight for all probability sample units.

Step 5: Compute the Final TrueNorth Raked Sample Weights

A final raking adjustment is applied to the average ratio-adjusted combined weights from Step 4.

The raking variables are defined as follows:

Variables & the Variable Categories for Study-Specific Survey Non-Response Raking

FPL x Age: < 200% FPL 18 - 34, < 200% FPL 35 - 49, < 200% FPL 50 +, >=200% FPL 18 - 34, >=200% FPL 35 - 49, >=200% FPL 50 +

FPL x Race/ethnicity: < 200% FPL Non-Hispanic White, < 200% FPL Non-Hispanic Black, < 200% FPL Hispanic, < 200% FPL All Other, >=200% FPL Non-Hispanic White, >=200% FPL Non-Hispanic Black, >=200% FPL Hispanic, >=200% FPL All Other

FPL x Education: < 200% FPL Less than high school, 200% FPL High school graduate or equivalent, < 200% FPL Some college/ associates degree, < 200% FPL Bachelor's degree and above, >=200% FPL Less than high school, >=200% FPL High school graduate or equivalent, >=200% FPL Some college/ associates degree, >=200% FPL Bachelor's degree and above

FPL x Sex: < 200% FPL Male, < 200% FPL Female, >=200% FPL Male, >=200% FPL Female

FPL x Region: < 200% FPL Northeast, < 200% FPL Midwest, < 200% FPL South, < 200% FPL West, >=200% FPL Northeast, >=200% FPL Midwest, >=200% FPL South, >=200% FPL West

FPL x Age x Race/ethnicity: < 200% FPL 18 - 49 Non-Hispanic White, < 200% FPL 18 - 49 All Other, < 200% FPL 50 + Non-Hispanic White, < 200% FPL 50 + All Other, >=200% FPL 18 - 49 Non-Hispanic White, >=200% FPL 18 - 49 All Other, >=200% FPL 50 + Non-Hispanic White, >=200% FPL 50 + All Other

FPL x Age x Sex: < 200% FPL 18 - 49 Male, < 200% FPL 18 - 49 Female, < 200% FPL 50 + Male, < 200% FPL 50 + Female, >=200% FPL 18 - 49 Male, >=200% FPL 18 - 49 Female, >=200% FPL 50 + Male, >=200% FPL 50 + Female

FPL x Race/ethnicity x Sex: < 200% FPL Non-Hispanic White Male, < 200% FPL Non-Hispanic White Female, < 200% FPL All Other Male, < 200% FPL All Other Female, >=200% FPL Non-Hispanic White Male, >=200% FPL Non-Hispanic White Female, >=200% FPL All Other Male, >=200% FPL All Other Female

These sociodemographic characteristics are weighted to benchmarks from the March 2025 CPS. The Current Population Survey used is either the February CPS or the March Supplement, usually based on which is most recent.³

The raked weights are the final TrueNorth weights for the combined sample. Survey weights are developed to reduce estimation bias that could arise from unequal selection probabilities, nonresponse, frame coverage errors, and, in this instance, via the TrueNorth calibration, systematic bias in the non-probability part of the sample. However, excessive weight variation could increase the total sampling error by inflating the variance of the estimates. For that reason, at the final stage of the weighting process, extreme final weights may be trimmed so that extreme weights do not overly influence the survey estimates. Again, a more detailed discussion of our approach to trimming can be found in the Appendix of this report. Weights after trimming are re-raked to the same population totals to produce the *final study weights*.

Additional Oversample Weights

This survey includes oversamples of parents of children ages 0-5 in household <200% Federal Poverty Level (FPL) and parents of children ages 0-5 in household >=200% Federal Poverty Level (FPL), which were weighted down to its proportions in the overall population in the final main study weights. Some survey packages are not able to recognize weight variations and do not leverage the full potential of an oversample when testing for statistical significance. The basic SPSS package (without the additional Complex Samples Module) has this limitation, while SAS, Stata, and most R packages do not. Since we are delivering this data in an SPSS format, we have included a second weight variable to address this. The oversample variable in the delivered data has the following variable name: WEIGHT_FPL. The weight values in an oversample weight variable scale up the oversampled group(s) to their actual unweighted sample size. Analyzing the data using this weight variable should only occur when analyzing the oversampled group or any subgroup that is wholly composed of the oversampled group, or when comparing the oversampled group with a group outside of that oversample. It is inappropriate to use the oversample weight variable when analyzing the overall survey sample or any subgroup that overlaps (does not fit completely within or without) an oversampled group. Using this weight variable in this inappropriate way will lead to incorrect results that are skewed toward the results of the oversampled groups. It is important to note that, when analyzing the oversampled group, results will be the same whether one is using the oversample weight variable or the main weight variable. This difference is limited to the margin of error attained in data from the oversampled and non-oversampled groups. Without the use of this weight, the margin of error for the oversampled group would be (typically) much larger than the true value, and the margin of error for the non-oversampled group would be lower. In addition, as the main weight will reduce the effective sample size of the oversampled group, it can be the

³ The Current Population Survey used is either the February CPS or the March Supplement, usually based on which is most recent.

case that using this weight would lead to significant rounding errors, particularly in oversampling of very small populations (e.g., 5%).

Benchmark Comparisons

The following table shows the weighted and unweighted estimates for key demographics and compares them to population benchmarks.⁴

Demographic Category	Subcategory	Unweighted (%)	Weighted (%)	Benchmark (%)
Age	18 - 34	73.0	48.8	48.8
	35 - 49	23.9	48.1	48.1
	50 Plus	3.1	3.1	3.1
Sex	Male	41.9	45.5	45.5
	Female	58.1	54.5	54.5
Education Status	Less than High School	6.5	7.3	7.4
	High School Equivalent	30.9	24.8	24.8
	Some College/Associate Degree	28.4	23.7	23.7
	Bachelor's or Higher	34.2	44.2	44.1
Race/Ethnicity	Non-Hispanic White	43.4	54.7	54.7
	Non-Hispanic Black	21.3	11.9	11.8
	Hispanic	25.4	22.2	22.3
	All other	9.9	11.2	11.2
Federal Poverty Level	<200% FPL	53.3	27.2	27.2
	>=200% FPL	46.7	72.8	72.8

As a part of the AAPOR Transparency Initiative, it is incumbent on us to state that there are no perfect studies, and all research and methods have their limitations. The purpose of this document is to make apparent, for this study, some possible limitations, the steps taken to minimize them, and the potential or known sources of measurable or estimated error whenever possible. However, there is always going to be some unmeasured and unknowable error with all forms of public opinion research, including ours.

Design Effect and Sampling Margin of Error Calculations

Study design effect: 1.98

Study margin of error: +/- 2.01%

Parents in households with incomes under 200% FPL Design Effect and Sampling Margin of Error Calculations

Study design effect: 1.61

Study margin of error: +/- 2.48%

Parents in households with incomes greater than or equal to 200% FPL Design Effect and Sampling Margin of Error Calculations

Study design effect: 1.55

Study margin of error: +/- 2.60%

Under TrueNorth calibration, combined probability and nonprobability sample weights yield approximately unbiased population estimates. The margins of error reported here reflect the sampling variation of the probability sample as well as the TrueNorth model-assisted calibration procedures that generate the

⁴ Because we trim the weights to remove extreme weights and hold down weight variation, the final study weights may deviate from exact population benchmarks by small but acceptable amounts. Even without trimming, the ability to perfectly match benchmarks along all variables and categories included in the raking procedure can be limited. Our goal is to rake as close to population benchmarks as possible before trimming.

combined sample weights. As such, it is reasonable for analysts using this data to employ standard methods for approximating margins of error and statistical significance, although there is currently no statistically agreed upon approach to variance estimation when utilizing nonprobability samples.

Deliverables

The following files were created for New America as part of the study deliverables:

- Survey interview data file in SPSS format
- Survey frequency SPSS output in an Excel format (both weighted and unweighted)
- Codebook in an Excel format
- Final questionnaire – in a complete programming format, in Word document
- Final questionnaire – in a simpler format (standard AmeriSpeak intro and outro language, programming language, Spanish (if relevant), and CATI version or interviewer instruction (if relevant) are removed), in a Word document
- Project report documenting study procedures and information on the AmeriSpeak Panel
- 5 sets of banner tables in Excel formats

How to Describe AmeriSpeak and NORC @ the University of Chicago

For purposes of publication, when describing the AmeriSpeak Panel and its methodology, we recommend using the following language:

Funded and operated by NORC at the University of Chicago, **AmeriSpeak®** is a probability-based panel designed to be representative of the US household population. Randomly selected US households are sampled using area probability and address-based sampling, with a known, non-zero probability of selection from the NORC National Sample Frame. These sampled households are then contacted by US mail, telephone, and field interviewers (face-to-face). The panel provides sample coverage of approximately 97% of the U.S. household population. Those excluded from the sample include people with P.O. Box only addresses, some addresses not listed in the USPS Delivery Sequence File, and some newly constructed dwellings. While most AmeriSpeak households participate in surveys by web, non-internet households can participate in AmeriSpeak surveys by telephone. Households without conventional internet access but having web access via smartphones are allowed to participate in AmeriSpeak surveys via the web. AmeriSpeak panelists participate in NORC studies or studies conducted by NORC on behalf of governmental agencies, academic researchers, and media and commercial organizations.

For more information, email AmeriSpeak-BD@norc.org or visit AmeriSpeak.norc.org.

If editors or reviewers are requesting anything more specific or any other detail, please reach out to us to make certain you are using accurate language.

For a less technical, panel-specific description of **AmeriSpeak**, we recommend:

AmeriSpeak is the first U.S. multi-client household panel to combine the speed and cost-effectiveness of panel surveys with enhanced representativeness of the U.S. population, an industry-leading response rate, and an innovative and thorough Project Methods and Transparency Report. Since its founding by NORC at the University of Chicago in 2015, AmeriSpeak has produced more than 1000 surveys, been cited by dozens of media outlets, and become the primary survey partner of the nation's preeminent news service,

The Associated Press. AmeriSpeak is the most scientifically rigorous multi-client panel available in the U.S. market. Amerispeak.norc.org.

NORC at the University of Chicago is best described as follows:

NORC at the University of Chicago conducts research and analysis that decision-makers trust. As a nonpartisan research organization and a pioneer in measuring and understanding the world, NORC has studied almost every aspect of the human experience and every major news event for more than eight decades. Today, NORC partners with government, corporate, and nonprofit clients around the world to provide the objectivity and expertise necessary to inform the critical decisions facing society.

www.norc.org

Please refer to the full name of “NORC at the University of Chicago” when first mentioning us. Using simply “NORC” thereafter is fine. Our name is now only the acronym and does not need to be spelled out.

APPENDIX

TECHNICAL OVERVIEW OF THE AMERISPEAK® PANEL NORC'S PROBABILITY-BASED HOUSEHOLD PANEL

Updated December 15, 2025

NORC prepared this *Technical Overview of the AmeriSpeak Panel* in accordance with our commitment to transparency in research. AmeriSpeak® is a large probability-based household panel funded and operated by NORC at the University of Chicago.

This document covers the following topics:

- Sample Frames for the AmeriSpeak Panel Recruitment
- Sample Selection for AmeriSpeak Panel Recruitment
- Panel Recruitment Procedures
- Transparency in Response Rate Reporting using AAPOR Standards
- Impact of Non-Response Follow-up on Representation of Hard-to-Reach Groups
- Use of Mixed-Mode Data Collection to Represent the Non-Internet and “Net-Averse” Households
- AmeriSpeak Panel Management and Maintenance
- AmeriSpeak Panel Weighting Procedures
- AmeriSpeak Client Study Weighting Procedures

Background

AmeriSpeak is designed to be representative of the U.S. household population, including all 50 states and the District of Columbia. U.S. households are randomly selected with a known, non-zero probability from the NORC National Frame as well as other address-based sample (ABS) frames and then recruited by mail, telephone, and in-person field interviews. AmeriSpeak panelists participate in NORC studies or studies conducted by NORC on behalf of governmental agencies, academic institutions, non-profit organizations, the media, and commercial organizations.

The construction of AmeriSpeak started in October 2014 with pilot samples. In 2015, about 7,000 households were recruited from a sample of around 60,000 addresses. Over the ensuing years, approximately 5,000 households have been recruited annually under various sample designs. To date, we have recruited more than 85,000 panel members aged 13 and over residing in more than 75,000 households; over 70,000 of these panelists remain available to be invited for surveys. However, we consider chronic non-responders to be retired from the panel, and those who are such are not included in most studies.

In addition to the regular panel for general population studies, AmeriSpeak also contains various sub-panels to support studies of special populations, including Amplify AAPI (Asians and Pacific Islanders), AmeriSpeak Latino (Spanish-language-dominant Hispanics), AmeriSpeak Teen (Teen 13-17 years of age), Foresight 50+ (Adults 50 years of age or older), and AmeriSpeak GenForward (Young adults 18-30 with oversamples of African Americans, Hispanics, and Asians).⁵ AmeriSpeak is the probability sample source for TrueNorth®, the NORC calibration solution for combining probability and non-probability samples for estimation. This solution leverages data from AmeriSpeak, the American Community Survey, the Current Population Survey, and other data sources to achieve improved cost and statistical efficiency.⁶

⁵ AmeriSpeak's [Panel Book](#) lists the topics for which we have data for our specialty panels. Also, please see our [Amplify AAPI](#) and [Foresight 50+](#) websites for detailed information on these two specialty panels.

⁶ Please see our [TrueNorth](#) website for more information.

Sample Frames for the AmeriSpeak Panel Recruitment

All sample frames used for constructing the AmeriSpeak Panel are probability-based.

Different sample frames have been used to construct the AmeriSpeak Panel. For the 2014-2023 recruitments, the primary sampling frame for AmeriSpeak is the 2010 NORC National Frame, a multistage probability master sample that fully represents the U.S. household population. We provide a brief description of how the National Frame was constructed after the 2010 Census. The secondary sampling frame is the USPS Delivery Sequence File.

The NORC National Frame. The primary sampling units (PSUs) in the first stage sample selection are 1,917 National Frame Areas (NFAs), each of which is an entire metropolitan area (made up of one or more counties), a county, or a group of counties with a minimum population of 10,000. A total of 126 NFAs are selected in the first stage, including 38 certainty NFAs, 60 non-certainty urban NFAs, and 28 non-certainty non-urban NFAs. The largest 38 NFAs, those with a population of at least 1,543,728 (0.5 percent of the 2010 Census U.S. population), were selected into the National Frame with certainty.

Within the 126 selected NFAs, the secondary sampling units (SSUs) are segments defined from Census tracts or block groups, where each segment contains at least 300 housing units according to the 2010 Census. Within the certainty NFAs, a sample of 896 segments was selected using systematic probability proportional to size (PPS) sampling, where the size of a segment is the number of housing units. Implicit stratification was achieved by sorting the segments by location (NFA, state, and county), principal city indicator, and by ethnic and income indicators. From each non-certainty urban and rural NFA, a sample of 8 and 5 segments was selected, respectively, using systematic PPS sampling where the measure of size is the number of housing units per segment. A total of 618 segments are selected from the non-certainty NFAs.⁷ Overall, a stratified probability sample of 1,514 segments was selected into the National Frame in the second stage of sampling.

Within the selected segments, all housing units are listed using the U.S. Postal Service Delivery Sequence File (DSF). In the 123 segments where the DSF coverage is deemed inadequate, the DSF address list is enhanced with an in-person field listing to improve coverage. The final National Frame, consisting of all listed households in the sample segments, is estimated to provide over 97 percent coverage of the U.S. household population. It contains almost 3 million households, including over 80,000 rural households that are added through the in-person listing.

The USPS Delivery Sequence File. In addition to NORC's National Frame, the DSF has been used frequently as a supplemental sample frame for AmeriSpeak recruitment sampling. Although nationally representative, the 2010 National Frame does not include households from Alaska, Iowa, North Dakota, and Wyoming. Since 2016, the annual panel recruitment sample has included a small address-based sample for these four states selected from the DSF to ensure AmeriSpeak presence in all U.S. States and Washington, D.C. In 2017, an enhanced DSF frame was also used to develop a new Latino Panel with adequate representation of Spanish-language-dominant Hispanics. Census tracts with a high incidence (at least 30%) of Spanish-dominant Hispanics were targeted for this recruitment. Furthermore, within these Census tracts, households flagged as Hispanic based on consumer vendor data (typically used for direct-mail marketing) were oversampled. For the 2019 recruitments, the entire sample was selected from the DSF to reduce sample clustering and improve panel representation by state and in areas not covered by the National Frame in general.

National Consumer Address File. In 2021, NORC also recruited a probability sample of people aged 50 and older into AmeriSpeak using a national consumer address file, which was estimated to have 96% coverage of the target population. AmeriSpeak empaneled approximately 6,000 panelists 50 years of age or older through this initiative.

⁷ A sample of 5 segments was selected from each of the 28 non-urban NFAs. However, 2 sample segments were later subsampled out in Montana due to cost.

Voter Registration Files. Finally, the TargetSmart voter registration database was used as a sampling frame to construct the GenForward Panel in 2016. Although GenForward specifically targeted Hispanic, non-Hispanic Black, and non-Hispanic Asian adults who were 18-30 years of age, it also recruited adults 30+ years of age into the regular AmeriSpeak Panel.

Most active AmeriSpeak households (84.6%) are sourced from the NORC National Frame or standard address-based sampling (USPS DSF), with the remainder sourced from consumer address or voter files, as shown in the table below.

Distribution of Active AmeriSpeak Households by Sample Frame Used for Panel Recruitment (updated July 1, 2024)

Sample Frame	% of Active AmeriSpeak Households
NORC National Frame	61.8%
USPS DSF	22.8%
National Consumer Address File	9.2%
Voter Registration File	6.2%

Sample Selection for Panel Recruitment

Different sample designs have been used to construct the panel in different recruitment years. For panel sample selection between 2014 and 2018 and in 2020, National Frame segments were stratified into six sampling strata based on the race/ethnicity and age composition of each segment, as below:

- Hispanic, high youth segments.
- Hispanic, not high youth segments.
- Non-Hispanic Black, high youth segments.
- Non-Hispanic Black, not high youth segments.
- Other, high youth segments.
- Other, not high youth segments.

Hispanic segments are those where Hispanics make up at least a third of the population, and the Hispanic share in the population is greater than that of non-Hispanic Black. Similarly, non-Hispanic Black segments are those where non-Hispanic Black make up at least a third of the population and the non-Hispanic Black share in the population is greater than that of Hispanics. Finally, High Youth refers to segments in which 18-24-year-old adults are at least 12% of the total adult population. The above stratification is used to oversample housing units in areas with a higher concentration of young adults, Hispanics, and non-Hispanic African Americans. The resulting household sample is referred to as the initial AmeriSpeak sample or sample for initial panel recruitment.

To support the second stage of panel recruitment, initially sampled but nonresponding housing units are subsampled for a nonresponse follow-up (NRFU).⁸ At this stage, consumer vendor data are matched to the pending housing units, and housing units flagged as having a young adult⁹ (18-34 years of age) or minority (Hispanic,¹⁰ non-Hispanic Black¹¹) are oversampled for the NRFU sample. Overall, approximately one in five

⁸ A small fraction of initially nonresponding housing units is not eligible for NRFU, including “hard refusals” and those with an appointment for a call back from NORC.

⁹ A young adult flagged household refers to a household where MSG or TargetSmart indicated there was an 18-24-year-old adult in the household. In 2016 and 2017, a slightly different definition was used, and a young adult flagged household was defined as having an 18-34-year-old adult in the household by MSG or 18-30-year-old adult by TargetSmart.

¹⁰ A Hispanic flagged household refers to a household where MSG or TargetSmart indicated the presence of a Hispanic adult in the household.

¹¹ A non-Hispanic Black-flagged household refers to a household where MSG or TargetSmart indicated the presence of a non-Hispanic Black adult in the household.

initially nonresponding housing units are subsampled for NRFU using the same six sampling strata defined above. Due to NRFU, these initially nonresponding housing units have a higher selection probability compared to the housing units that were recruited during the first stage of panel recruitment.

A two-phase state-based ABS sample design was used for the 2019 AmeriSpeak recruitment. NORC's National Frame is designed to represent the U.S. household population nationally. Samples within states are less representative of the state population due to sample clustering with sample NFAs. The primary objective of the 2019 design is to improve state-level representation by selecting the recruitment sample mostly from areas outside the National Frame. A stratified systematic sample was selected in the first phase, where each state constituted a sampling stratum, and the sample was allocated to the strata proportional to the square root of the state population. In the second phase, young adults, Hispanics, non-Hispanic Blacks, and conservatives are oversampled based on appended commercial data flags to improve their representation in the panel. Because the 2019 design did not use NRFU face-to-face recruitment, it also did not involve geographic clustering.

In 2020, AmeriSpeak returned to the "standard" sampling strategy employed from 2014 through 2018, with intentions to conduct a robust NRFU. However, the COVID-19 pandemic prevented NORC from utilizing field interviewers, and the NRFU was limited to its usual first stage, a Federal Express mailing to 20% of the total sample. Analysis of state-level representativity after the 2019 recruitment determined that further statewide representativity was needed in four states: WI, MO, WA, and CO. As such, the 2020 sample design also included supplemental samples from these four states selected from the DSF.

It was clear at the start of 2021 that NORC would not immediately be able to conduct in-person interviewing, given the ongoing COVID-19 pandemic. However, NORC sought to test new sampling strategies (noted below) early in 2021 in the hopes of documenting their efficacy and continuing and improving on them for the rest of 2021. Additionally, it was hoped that NORC would be able to conduct in-person interviewing in the second half of 2021. Given these considerations, the 2021 recruiting sample was split into five replicates. The first replicate was selected from the DSF and released early in the calendar year, while future replicates were sampled from the NORC National Frame and were held until mid-year for recruiting.

At the end of 2020, a major assessment of panel representativeness was conducted to inform the 2021 sampling strategy. This analysis explored panel representativeness by state and also explored a full range of demographic variables. Meanwhile, this analysis was conducted both with the full panelist dataset as well as by assessing "effective panelists," a measure of the likely demographic distributions that would occur among complete cases in any typical AmeriSpeak survey. This analysis found that AmeriSpeak could benefit from additional recruits in seven groups: households earning over \$200,000, households with children, Hispanics, Hispanics who specifically speak Spanish, African Americans, persons ages 18 to 24, and persons with less than a High School education. As such, the 2021 sample was stratified using NORC Big Data Classifiers (Dutwin et al., 2024),¹² a technique utilizing available consumer and other public Big Data to make predictions on a range of household attributes during survey sampling. Households predicted to have one of these seven attributes were oversampled, while households predicted to only hold people aged 50 and older, or otherwise not predicted to hold someone with one of the seven attributes, were under sampled. This sampling method was tested in the first sampling replicate and, given very positive results, was continued in all other 2021 replicates.

The 2021 Big Data strata are the following, specifically households with a person predicted to be:

- Spanish speakers.

¹² David Dutwin, Patrick Coyle, Joshua Lerner, Ipek Bilgen, Ned English, Leveraging Predictive Modelling from Multiple Sources of Big Data to Improve Sample Efficiency and Reduce Survey Nonresponse Error, *Journal of Survey Statistics and Methodology*, Volume 12, Issue 2, April 2024, Pages 435–457, <https://doi.org/10.1093/jssam/smad016>

- 50 years of age or u.
- 18-24 years of age.
- With a high school diploma or less.
- With household income over \$200K.
- With a child 13-17 in the household.
- With other children in the household.

Additional strata include 1) households not predicted to be in any of the seven categories and 2) households not modeled due to missing vendor data.

In 2021, NORC also recruited a probability sample of people aged 50 and older into AmeriSpeak using a national consumer address file that was estimated to have 96% coverage of the target population. AmeriSpeak re-empaneled approximately 6,000 panelists 50 years of age or older through this initiative. These panelists are both a part of the Foresight 50+ and AmeriSpeak Panels.

NORC's strategy of "waiting it out" was effective in 2021, as the sample replicates released mid-year allowed NORC to wait for an effective "COVID window" to conduct in-person interviewing. In short, in-person interviewing commenced after the peak of the Delta variant in 2021 and concluded with the peak of the Omicron variants. NORC was able to conduct a full NRFU in-person effort during this time.

Since 2022, NORC has implemented the same sampling strategy each year, where the sampling strata are defined by Big Data Classifiers predictions.

In 2025, we fielded a pilot recruitment sample using pre-paid cell phone numbers. This was a simple random sample of 10,000 numbers flagged as being used for pay-as-you go cell phones.

In 2025, NORC implemented a quarterly deactivation process for chronic nonresponders. Each quarter, panelists are defined as chronic nonresponders if they have been on the panel for at least a year and meet the following definition: no survey responses in the most recent 6 months AND no responses to their 10 most recent survey invitations AND no responses to reactivation outreach attempts. Panelists who are deactivated due to chronic nonresponse can still be invited to surveys and reactivation outreach attempts as needed, but they are not routinely invited to participate in client studies.

Panel Recruitment Procedures

AmeriSpeak Panel recruitment is a two-stage process: (i) initial recruitment using USPS mailings, telephone contact, and modest incentives, and (ii) a more elaborate NRFU recruitment using FedEx mailings, enhanced incentives, and in-person visits by NORC field interviewers.

For the initial recruitment, sample households are invited to join AmeriSpeak online by visiting the panel website AmeriSpeak.org or by calling a toll-free telephone line (inbound/outbound supported). Both English and Spanish languages are supported for online and telephone recruitment. The initial recruitment data collection protocol features the following: an over-sized pre-notification postcard, a USPS recruitment package in a 9"x12" envelope (containing a cover letter, a summary of the privacy policy, FAQs, and a study brochure), two follow-up postcards, and contact by NORC's telephone research center for sample units with a matched telephone number.

For the second stage of NRFU recruitment, a stratified random sample is selected from the nonrespondents of the initial recruitment. Households sampled for NRFU are sent a new recruitment package by Federal Express with an enhanced incentive offer. Shortly thereafter, NORC field interviewers make personal, face-to-face visits to the pending cases to encourage participation. Once the households are located, the field interviewers administer the recruitment survey in-person using CAPI or else encourage the respondents to complete the recruitment survey online or by telephone.

As shown in the table below, 33.1% of AmeriSpeak households available to take surveys are sourced from NORC’s investment in extensive non-response follow-up of households that initially refused or otherwise did not join AmeriSpeak. In years where NORC employed NRFU (all years except 2019), over one-third (39.0%) of AmeriSpeak’s active households are sourced from NRFU.

Percentage of Active AmeriSpeak Panel Households by Recruitment Protocol: Initial Recruitment Protocol v. Non-Response Follow-up (NRFU)¹³

AmeriSpeak Panel Recruitment Years	Percentage of Active AmeriSpeak Households	
	From Initial Recruitment	From NRFU
NRFU Years 2015-2018, 2020-2025	61.0%	39.0%
All Years (2015-2025)	66.9%	33.1%

Additional panel statistics with respect to the 2014-2025 recruited households are as follows:

- 95.2% of the active panelists prefer to do web or online surveys, while 4.8% prefer to participate in telephone surveys;
- 13% of the recruited households are non-Internet;¹⁴
- 81% are “cell phone only” or “cell phone mostly”;
- 17% are African American and 15.5% Hispanic; and
- 19.4% have a household income below \$30,000 (compared to CPS benchmark of 14%).¹⁵

Please see our AmeriSpeak Panel Demographics Report for panel statistics on our active panel members eligible for survey sampling.¹⁶

Transparency in Response Rate Reporting Using AAPOR Standards

AmeriSpeak is committed to transparency in response rate reporting. A properly calculated cumulative AAPOR response rate incorporates all sources of nonresponse¹⁷. In the AmeriSpeak context, the cumulative AAPOR response rate incorporates the panel recruitment rate and the survey participation rate¹⁸. AmeriSpeak does not have a source of nonresponse for the “profiling” or “on-boarding” stage since the panel recruitment includes the profiling task (where information is obtained for sample targeting and weighting).

Panel Recruitment. A sample household is considered recruited if at least one adult in the household joins the panel. The weighted household recruitment response rate (AAPOR RR3) is about 6% for initial non-NRFU recruitment and 28% for NRFU recruitment.

¹³ Accurate as of July 1, 2024. Please note that 2020 is counted as a NRFU year even though NRFU was limited to the use of Federal Express mailers and enhanced respondent incentives (i.e., not using face-to-face, in-person recruitment). Similarly, 2021 is counted as a NRFU year even though field interviewing was limited due to the on-going Covid pandemic.

¹⁴ The non-internet households (HHs) are those that do not select “High-speed, broadband internet at home (such as cable or DSL)” or “Dial-up internet at home” response options when they are asked “What kind of internet access do you have? Please select all that apply” item in the recruitment survey. The non-internet HHs include those that only use internet on a cell connection or mobile phone.

¹⁵ For transparency purposes, unweighted percentages are presented in this section. Hence, these results do not take into account selection probabilities. The base weighted distributions that take into account selection probabilities can be provided upon request.

¹⁶ Our AmeriSpeak Panel Demographics Report is available [here](#).

¹⁷ AAPOR Standard Definitions: Final Dispositions of Case Codes and Outcome Rates for Surveys, <https://aapor.org/wp-content/uploads/2024/03/Standards-Definitions-10th-edition.pdf>, “Probability Based Internet Panels” section, pg. 72-73.

¹⁸ A common misapplication of the term “response rate” in online panel surveys is to represent the survey-specific cooperation rate as the “cumulative survey response rate.”

We report two recruitment response rates: (i) for all the panel recruitment years (2014-2023) and (ii) for the recruitment years with NRFU (2015-2018 and 2021-2023). Across all recruitment years, the cumulative weighted household response rate is 24.4%; across recruitment years with NRFU, the cumulative weighted household response rate is 32.9%.¹⁹ All these response rates are weighted by base weights. For client studies requiring a panel recruitment response rate exceeding 30%, the sampling frame may be restricted to the panelists recruited in the NRFU years. The panel recruitment response rate calculation methodology is compliant with AAPOR Standards and fully documented.²⁰

Survey Participation Rate.²¹ The study-specific survey participation rate can vary widely (in the range of 40% to 70%) as a result of the specific parameters of the study protocol, including but not limited to the specific study population, topic salience, study sponsorship, length of field period, length of the survey questionnaire, within-panel sample targeting, use of enhanced gaining cooperation techniques (such as the use of pre-notifications by email and/or USPS postcards), and budget allocated to monetary incentives.

Cumulative AAPOR Response Rates for Client Surveys. For specific AmeriSpeak client surveys, the cumulative AAPOR RR3 response rate is typically between 12% to 18% depending on specific study parameters such as target population, survey length, time in the field, salience of subject, and other factors as noted above in documenting study-specific survey completion rates. This cumulative response rate accounts for the panel recruitment rate and survey participation rate²².

Impact of Non-Response Follow-up on Representation of Hard-to-Reach Groups

NRFU is instrumental in producing the industry-leading response rate for AmeriSpeak Panel recruitment. Moreover, due to the more intensive effort, NRFU recruitments better represent hard-to-reach groups and therefore make the full panel more representative of the target population. For example, initial recruitments tend to under-represent young adults 18-34 years of age. NRFU recruitments correct for this bias by bringing the age distribution of the panel closer to population benchmarks.

Overall, NRFU recruitments significantly improve the representation of the panel with respect to demographic segments that are under-represented among the respondents to the initial recruitment, including young adults (persons 18 to 34 years of age), African Americans, Hispanics, lower-income households, renters, cellphone-only households, and persons with lower educational attainment (e.g., no college degree). To the extent that these demographic characteristics are correlated with substantive survey variables, NRFU helps to reduce potential nonresponse bias in the sample estimates.

NORC's research indicates that NRFU respondents are indeed somewhat different from initial respondents for many common survey variables. For example, compared to the panelists recruited during the initial stage, NRFU panelists tend to be more conservative politically, more likely to attend church, less interested in current events or topics in the news report, less knowledgeable about science, less likely to be in favor

¹⁹ The cumulative weighted household response rate is higher than both the weighted initial recruitment response rate and the weighted NRFU response rate because NRFU recruits have much higher base weights. In general, the base weights of NRFU recruits are about five times larger than that of initial recruits.

²⁰ "Response Rate Calculation Methodology for Recruitment of a Two-Phase Probability-Based Panel: The Case of AmeriSpeak" authored by Robert Montgomery, J. Michael Dennis, N. Ganesh. The paper is available at <https://amerispeak.norc.org/us/en/amerispeak/research.html>.

²¹ We use these terms interchangeably: "participation rate," "completion rate," and "cooperation rate" as applicable to the final stage of the response rate calculation.

²² Current AAPOR Standards do not consider panel attrition/retention to be a source of nonresponse that must be incorporated into the cumulative response rate calculations for probability-based panels, therefore most panels in the industry do not include this factor. Panel retention rate is computed as the weighted proportion of the number of currently active households over the number of recruited households. Prior to 2025, NORC included this factor in our all-in cumulative AAPOR response rate by multiplying panel recruitment rate, panel retention rate, and survey participation rate. In 2025, to make our cumulative response rates comparable with others in the industry, NORC adopted the AAPOR and industry standards, excluding the panel retention rate from our cumulative response rate calculations. The more robust, all-in cumulative response rates are still available to clients upon request. Furthermore, we believe it is best practice to include the panel retention factor in cumulative response rate calculations for all probability-based panel studies. As such, we are actively advocating for the AAPOR and industry standards to be revised.

of gun control policies, less likely to read a print newspaper (more likely to read the news online and use social media), more likely to eat at fast-food restaurants, and so on.²³ These observations illustrate that NRFU recruitment is critical for achieving a more balanced panel and for making the substantive estimates in AmeriSpeak studies more accurate. Even though NRFU panelists are more reluctant to complete surveys, the addition of NRFU panelists reduced total absolute bias on average by 5 to 21 percentage points when compared to the initial stage recruits (among examined surveys).²⁴

Use of Mixed-Mode Data Collection to Represent the Non-Internet and “Net-Averse” Households

The AmeriSpeak Panel supports mixed-mode data collection to improve the response rate and the representativeness of the complete surveys. During the recruitment survey, AmeriSpeak panelists are offered an opportunity to choose their preferred mode—web or phone—for future participation in AmeriSpeak surveys. A recruited household can consist of both web- and phone-mode panelists. Panelists predominantly prefer web over phone mode. Currently, 95.2% of available panelists prefer to do web or online surveys, while 4.8% prefer to participate in telephone surveys. The telephone mode encompasses panelists without internet access, panelists whose only internet access is via a smartphone, panelists with internet access but are unwilling to share an email address, and panelists who are generally uncomfortable with using the internet.

To the extent that non-internet households or “net averse” persons are different from the rest of the population, mixed-mode surveys have better population coverage and produce more accurate population estimates. NORC’s telephone interviewers administer the telephone surveys using a data collection system supporting both the phone and web modes, providing an integrated sample management and data collection platform. For panelists using smartphones for web-mode surveys, the NORC survey system renders an optimized presentation of the survey questions for mobile users.

AmeriSpeak Panel Management and Maintenance

Panel management and maintenance are crucial for panel health and efficiency. NORC maintains strict panel management rules to limit respondent burden, reduce panel attrition, and minimize the risk of panel fatigue. On average, AmeriSpeak panelists are invited to participate in client studies two to three times a month. AmeriSpeak works with NORC clients to create surveys that provide a positive user experience for AmeriSpeak panelists. AmeriSpeak will not field surveys that, in our professional judgment, will result in poor user experience for our panelists. AmeriSpeak also has a designated website and a telephone number for panelist communications.

Panel maintenance is a dynamic process because the AmeriSpeak Panel is supplemented and refreshed regularly over time to grow the panel, compensate for panel attrition, and improve panel representation for specific subpopulations. For example, the Latino Panel and Teen Panel are created to support studies of Hispanics and teenagers, respectively; the 2019 recruitment is primarily designed to improve sample representation at the state level. As panelists are added or/and removed from the panel, the panel refreshment process takes place to ensure that the refreshed panel fully represents the target population. At each panel refreshment, the base weights are recomputed to reflect the cumulative selection probabilities of households and individuals in all recruitment years and from all sample sources. The base weights are then adjusted for nonresponse during panel recruitment, which is followed by raking adjustments to align the panel weights to known population benchmarks.

AmeriSpeak Panel Weighting Procedures

AmeriSpeak *panel weights*, including both household level and person level weights, are developed to account for the probabilities of selection of the housing units, adjustments for unknown eligibility of the housing units, nonresponse associated with panel recruitment, panel attrition, nonresponse from

²³ See “The Undercounted: Measuring the Impact of ‘Nonresponse Follow-up’ on Research Data and Outcome Measures” authored by Ipek Bilgen, J. Michael Dennis, N. Ganesh. The paper will be soon available at <https://amerispeak.norc.org/research/>.

²⁴ See “Nonresponse Follow-up Impact on AmeriSpeak Panel Sample Composition and Representativeness” authored by Ipek Bilgen, J. Michael Dennis, N. Ganesh. The paper is available at <https://amerispeak.norc.org/research/>.

secondary panel members,²⁵ and raking ratio adjustments to external population benchmarks. More specifically, the weighting steps for panel weights are as follows, with details provided below:

- Compute household-level base weights.
- Adjustments for unknown eligibility.
- Adjustments for household nonresponse.
- Adjustments to household population benchmarks (this yields the final household-level panel weights).
- Initial person-level weights.
- Adjustments for within household nonresponse.
- Raking ratio adjustments to person-level population benchmarks (this yields the final person-level panel weights).

Household base weights

AmeriSpeak Panel annual recruitments use stratified random samples of housing units selected from the NORC National Frame as well as address-based sample frames developed from the USPS Delivery Sequence File (DSF). Initial household base weights are calculated as the inverse probability of selection of housing units for the combined annual samples. In most recruitment years, nonrespondent households at the end of the initial recruitment phase are subsampled for a nonresponse follow-up (NRFU). These subsampled housing units have their initial base weights adjusted to account for NRFU subsampling. NORC refers to the adjusted household base weights that account for both initial sample selection and NRFU subsampling probabilities as the final base weights associated with the sampled housing units. Household base weights are recomputed at each panel refresh, typically carried out monthly to incorporate newly recruited panelists and other changes to the panel (e.g., dropouts). Final household base weights account for the combined household selection probabilities across all recruitment samples and all recruitment years. We denote the final household base weights as BW_{final} .

Household unknown eligibility adjustments

Sampled addresses that are linked to businesses, vacation homes, vacant properties, and homes with no one 18 years of age or over are considered ineligible for recruitment. However, the eligibility status is unknown for a fraction of the sampled housing units. AmeriSpeak uses a weighting class approach to account for housing units with unknown eligibility. To create the adjustment cells under the weighting class approach, we use sample design variables such as sampling strata, recruitment year, and tract-level information of household characteristics obtained from the 5-year ACS and Tract-Level Planning Database. Additional household-level variables are obtained from commercial data vendors.

The following variables are used to define the unknown eligibility adjustment cells:

- Vendor data Party Affiliation
 - Republican
 - Other/Missing
- Vendor data Partisanship Score
 - ≥ 80
 - 60-79
 - 40-59
 - 20-39
 - 0-19
 - Missing

²⁵ Primary panel member refers to the initial recruited adult from the household. Secondary panel member refers to other eligible adults in the same household.

- Youth and minority status (defined from appended commercial flags)
 - Young and minority
 - Young
 - Minority
 - Other
 - Missing

For weighting GenForward (a special subpanel of young adults recruited for AmeriSpeak in 2017), the unknown eligibility adjustment cells are defined by the following variables:

- Sampling strata (defined by NORC National Frame segments)
 - Hispanic, high youth segment type
 - Hispanic, not high youth segment type
 - Non-Hispanic Black, high youth segment type
 - Non-Hispanic Black, not high youth segment type
 - Other, high youth segment type
 - Other, not high youth segment type
- Sample source
 - AmeriSpeak
 - GenForward (registered voter file sample age 18 to 34)
- Housing ownership status per census tract
 - Owner-occupied housing units greater than 55%
 - Otherwise

Cell collapsing is sometimes utilized to ensure that each cell has at least 20 cases with known eligibility. Within each adjustment cell, base weights for housing units with known eligibility are adjusted upward to represent all housing units. We denote the unknown eligibility adjusted household weights as W_{2j} . Only households with known eligibility have a positive W_{2j} .

Household nonresponse adjustments

Household nonresponse adjustments are needed to compensate for (1) known eligible households that do not complete the recruitment survey and (2) previously recruited households that get reclassified as nonrespondent households due to panel attrition. Panel attrition could result in some household members being withdrawn from the panel. For purposes of weighting, if no other adult in a household remains on the panel after an adult is withdrawn from the panel, the household is considered a nonrespondent household.

AmeriSpeak uses a weighting class approach to adjust the weights from the previous step for household nonresponse. The adjustment cells under the weighting class approach are created via the same method as described in the previous step. The same set of variables listed above are used to define the nonresponse adjustment cells, although typically more cell collapsing is needed to ensure that each cell has at least 20 respondent households.

Within each nonresponse adjustment cell, weights from the previous step for eligible respondent households are adjusted to represent all eligible households. We denote the household nonresponse adjusted weights as W_{3j} . Only respondent households have a positive W_{3j} .

Ratio adjustments to household population benchmarks

The final household weights are developed by applying a ratio adjustment to W_{3j} . Separately for each Census Division, W_{3j} is adjusted such that the sum of W_{3j} across all respondent households is equal to the total number of households in the division based on the most recent Current Population Survey (CPS) data. We denote the final household panel weights as W_{4j} .

Person level weights

All adults in the responding households are eligible and invited to join the panel. Therefore, for all eligible adults in the household, as identified by the primary panel member, their initial person-level weight, W_{5ij} , is equal to the final household weight W_{4j} , where i denotes eligible adults in respondent household j .

Person-level within household nonresponse adjustments

The primary panel member identifies and provides contact information for other eligible adults in the same household. Subsequently, these eligible adults from the same household are contacted and asked to complete the recruitment survey. The within household nonresponse adjustments compensate for person-level nonresponse due to the following:

- Eligible adults in the same household as the primary panel member for whom no contact information is available.
- Eligible adults in the same household as the primary panel member who was contacted for panel recruitment but did not complete the recruitment survey.
- Panel members who were withdrawn from the panel when at least one other adult in the same household continues to be an active panel member.

Within each responding household, weights from the previous step for eligible respondents are multiplied by k_j/k_j^{res} , where k_j is the total number of eligible adults and k_j^{res} is the number of respondents in household j . We denote the person-level nonresponse adjusted weights as W_{6ij} . Only person-level respondents have a positive W_{6ij} .

Raking adjustments to derive final person-level panel weights

The final step in deriving person-level panel weights is raking adjustments to person-level population benchmarks obtained from the Current Population Survey (CPS), the American Community Survey (ACS), and the National Health Interview Survey (NHIS). The raking dimensions include the following:

- Age group
 - 18-24
 - 25-29
 - 30-39
 - 40-49
 - 50-59
 - 60-64
 - 65+ years
- Sex
 - Male
 - Female
- Education
 - Less than high school
 - High school graduate
 - Some college or less
 - Bachelor's or above
- Race
 - White
 - Black
 - AAPI
 - Other
- Ethnicity
 - Hispanic
 - Non-Hispanic
- Housing tenure
 - Owner
 - Rent/Other
- Household phone status
 - Cell-phone-only
 - Dual user
 - Landline-only/phoneless
- Age by Sex
- Age by race/ethnicity
- Census Division
- CA vs Rest of country by race
 - California, AAPI or Black
 - California, White or Other
 - Rest of country, AAPI or Black
 - Rest of country, White or Other

Population benchmarks for each dimension are obtained from CPS, although housing tenure and household phone status are obtained from ACS and NHIS, respectively. The raked weights are the final person level panel weights W_{7ij} .

AMERISPEAK CLIENT STUDY WEIGHTING PROCEDURES

AmeriSpeak client study weights are calculated for panelists who complete individual client studies to support approximately unbiased estimation based on samples selected from the AmeriSpeak Panel. Weighting procedures could vary for different studies. In general, client study weights are developed in the following steps.

Base weights

Initial base weights for client study samples are defined as the final person-level panel weights. The initial base weights are adjusted to account for the sample selection probabilities associated with sampling AmeriSpeak panelists into the client study sample. For a typical general population study, the sample is selected within 48 strata formed by the cross-classification of the following variables: race/ethnicity (Hispanic, non-Hispanic Black, All Other), age group (18-34, 35-49, 50-64, 65+), education (high school graduate/less than high school, some college/college graduate), and sex. The final base weights are computed as the final person-level panel weights divided by the probability of selection from the panel under the client study sample design. We denote the final base weights for client studies as CW_{1ij} .

Adjustments for screener nonresponse

For client studies that include a screener interview to determine the eligibility of sample members, screener nonresponse adjustments are carried out to compensate for sample members who fail to complete the screener questions. Through screener nonresponse adjustments, the base weights for screener respondents are inflated so they represent both respondents and nonrespondents to the screener interview.

We use a weighting class approach to adjust the base weights for screener respondents to compensate for screener nonrespondents. The specific variables used to define the weighting cells could vary from study to study. In general, the variables include age, sex, education, and race/ethnicity. Within each adjustment cell, base weights for screener respondents are inflated to account for screener nonrespondents. We denote the screener nonresponse adjusted weights as CW_{2ij} .

Adjustments for interview nonresponse

Since not all eligible sampled panelists complete the main survey interview, nonresponse adjustments are needed to compensate for eligible nonrespondents. We again use a weighting class approach where the variables used to define the weighting cells could vary across studies. In general, the weighting cells are defined by age, sex, education, and race/ethnicity. Within each cell, the weight from the previous step is divided by the weighted response rate to derive the interview nonresponse adjusted weights CW_{3ij} .

Raking adjustments

Nonresponse adjusted weights are then calibrated to match population benchmarks through raking ratio adjustments. Raking adjusts the weights such that the marginal weight totals match benchmark totals on a specified set of raking variables. The following person-level characteristics are used in the raking adjustments:

- Age
- Sex
- Census Division
- Race/Ethnicity
- Education
- Age by Sex

- Age by Race/Ethnicity
- Race/Ethnicity by Sex

Population benchmarks for each dimension are obtained from the most recent March CPS supplement. The raked weights are denoted as CW_{4ij} , which are final weights unless weight trimming is applied. For clients who prefer normalized weights, where the sum of the weights is equal to the total number of completed surveys, we derive the normalized weights by dividing CW_{4ij} by its average.

Weight trimming

Survey weights are developed to reduce estimation bias that could arise from unequal selection probabilities, nonresponse, and frame coverage errors. However, excessive weight variation could increase the total sampling error by inflating the variance of the estimates. In general, panel members who live in households that were subsampled for NRFU have larger weights compared to panel members who live in households that were not subsampled for NRFU. The purpose of weight trimming is to reduce the variance while avoiding the introduction of bias in the weighted estimates. After trimming, the weights are re-raked to the same population benchmarks.

For AmeriSpeak studies, weight trimming is embedded in the raking step where the weights are raked such that (1) they agree with external population benchmarks and (2) they have minimum variability. Below is a brief description of the AmeriSpeak raking/trimming process:

Survey weights d_i are adjusted to agree with external population totals, t_x , for a set of variables x . Calibrated weights w_i are derived by minimizing the “distance” between w_i and d_i subject to $\sum w_i x_i = t_x$. Specifically, we minimize,

$$\sum D(w_i, d_i) + \gamma \sum D(w_i, \bar{w}) + \lambda \left(\sum w_i x_i - t_x \right)$$

where λ is the Lagrange multiplier; $(\bar{w})$ is the average weight; γ is a user specified parameter. Setting $\gamma = 0$ yields the standard calibration solution, while setting $\gamma \rightarrow \infty$ yields calibrated weights that completely “ignore” d_i .

Large values of γ yield raked weights are trimmed more aggressively. Typically, AmeriSpeak attempts to choose a value of γ that yields: (a) a study design effect less than 2, (b) MSE for key survey estimates under a weighting approach with trimming ($\gamma > 0$) is less than the MSE for key survey estimates under a weighting approach with no trimming ($\gamma = 0$), and (c) value of γ that is as close to 0 as possible (ideally, we choose $\gamma = 0.5$).

ABOUT NORC AT THE UNIVERSITY OF CHICAGO

NORC at the University of Chicago conducts research and analysis that decision-makers trust. As a nonpartisan research organization and a pioneer in measuring and understanding the world, NORC has studied almost every aspect of the human experience and every major news event for more than eight decades. Today, NORC partners with government, corporate, and nonprofit clients around the world to provide the objectivity and expertise necessary to inform the critical decisions facing society.

Headquartered in downtown Chicago, NORC works in over 40 countries around the world, with additional offices on the University of Chicago campus, the DC metro area, Atlanta, Boston, and Silicon Valley.

ADDITIONAL RESOURCES

Please see the following resources to learn more about AmeriSpeak:

- [AmeriSpeak website](#)
- [AmeriSpeak's Panel Book](#)
- [AmeriSpeak's Responses to ESOMAR 37](#)

To learn more about AmeriSpeak or to share an RFP, please contact AmeriSpeak at AmeriSpeak-BD@norc.org. Information about AmeriSpeak capabilities and research papers is available online at AmeriSpeak.NORC.org.