

USCDornsife

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College of Letters, Arts and Sciences
Center for Economic and Social Research

CENTER FOR ECONOMIC AND SOCIAL RESEARCH

UnderStandingAmericaStudy



A flexible resource for researchers



uasdata.usc.edu

WELCOME TO THE

UnderStandingAmericaStudy

Quick, flexible, responsive data collection

When you tap into the power of the Understanding America Study (UAS) at USC for your next survey-based research project, you gain access to:

- A panel of about 6,000 respondents representative of the U.S. population
- A versatile, quick-response data resource—ideal for studies where frequency and turnaround are important
- The ability to experiment with different types of questions, feedback, and study methodologies
- Survey data available daily
- High response rates to individual surveys, typically averaging 70-80 percent
- Study design and implementation support from experienced experts engaged in data collection using multiple tools and platforms—from smartphones and smartwatches to tablets, laptops, PCs, and health monitoring devices

FAQs

// UAS

Just what is the UAS panel?

The UAS is a panel maintained by the Center for Economic and Social Research (CESR) at University of Southern California (USC), consisting of approximately 6000 panelists ages 18 and older who are regularly surveyed over the Internet in English or Spanish. All age-eligible household members are invited to participate.

The majority of panelists have their own Internet access and use their own computers or handheld devices. Other panel members are provided Internet access and a tablet by USC. This eliminates the bias found in many Internet survey panels which rely upon existing Internet users only.

Is the UAS representative of the U.S. population?

Yes. UAS respondents have been recruited using Address-Based Sampling methods. A random sample was selected

from across the nation, to whom we sent a pre-notification letter followed by a mail survey. On the last page of the survey, respondents were asked if they were interested in joining the UAS panel, at which point they were invited to regularly participate in online surveys.

Who can use the panel?

Any researcher with questions or experiments for adults living in the United States speaking English or Spanish. Once a researcher drafts a questionnaire, it is reviewed and programmed by UAS staff. The researcher then reviews the programmed survey instrument online and offline using a variety of tools. When the survey is ready, respondents are notified via email that a survey is waiting for them and sent a link to their personalized panel page so they may begin that survey.

What are typical response rates?

Response rates generally range between 70-80 percent of active panelists. This rate can vary slightly depending on the topic, time of year, population selected, and how long a survey is kept in the field.

6,000 respondents // response rates between 70-80%

How do you disseminate the data?

New survey data are made available simultaneously with collection. Each time a respondent finishes a question, data are recorded in the survey database. Researchers are given access to administrative pages where all answers to non-identifiable questions can be downloaded. After an agreed-upon period (one week to one year), the survey is closed to new respondents and a final dataset and background demographics are delivered to the researcher and/or prepared for downloading. Premium data dissemination services and reports are available at additional cost. Collected survey data becomes available to the research community, possibly after an agreed upon embargo period.



Why use the Internet for the UAS?

Internet interviewing is particularly useful when frequency and fast turnaround are desired, such as for tracking opinions during elections, pandemics or other major events, as well as for eliciting responses to personal events. New surveys can be programmed and administered on short notice after obtaining Institutional Review Board (IRB) approval for the protection of research

subjects. We can collect non-survey data, such as measures of physical activity, as well as incorporate images, sound clips, videos, and other interactive elements as survey features. The time-lapse between proposing a questionnaire and getting the data (and/or descriptive tables) may be as short as one month and even shorter in special cases.

What kind of research can be done?

A major advantage of the UAS Internet panel, especially compared with other data collection methods, is its ability to support time-sensitive studies, large data samples, and methodological studies. The UAS systems runs on the NubiS platform. NubiS, a complete data collection tool developed from the ground up by USC, runs on any server, PC, laptop, or netbook, as well as on Android tablets or smartphones.

Examples of research projects include:

Development of survey instruments

Extensive experimentation is often needed to understand the properties of a new survey instrument and to develop an optimal design, from table display to the number of questions on a screen. The UAS's computerized nature and its easy access to respondents provide an ideal environment for such developmental work.

Large-scale experiments

The Internet offers the chance to replicate laboratory experiments on a larger scale and with a population-representative sample, rather than a limited group of experimental subjects. Several such experiments have been carried out using the UAS. These include studies requiring interactions between panel members, such as in ultimatum games.



Randomization

Randomization is a powerful tool in computerized surveying. We have experience with randomized, controlled trial approaches to measure the efficacy of interventions. Various experiments have been done with random assignments of question or response orders. A related application is the study of anchoring effects.

Preference elicitation

A survey elicits preferences regarding a wide array of topics, by randomly assigning respondents to different hypothetical scenarios on which their ratings or preference orders are then prompted.

Visual representation

For certain types of research, the use of images helps to improve the survey instrument. These include videos, pie charts, or other graphical means to represent probabilities, or calendars to aid recall from past events.

Feedback and preloading

In some cases, you may want to provide customized feedback to a respondent, such as the use of range checks. If a respondent claims to be born in 1720, for example, this may trigger a request to correct one's answer. Often, feedback

is more subtle, if a response is logically possible but somewhat implausible. Additionally, timer popups to ensure the respondent is still contemplating his or her answer can be utilized to improve response times. Keystrokes and other data can be provided to researchers if such files would be useful or analysis.

The panel nature of the UAS allows for the use of previously provided information (preloading) in the design of a questionnaire and in checking the plausibility of a given response. It also supports experiments with different types of feedback.

Numerous measures are collected from each respondent for analysis, including personality, cognitive functioning, financial literacy, physical and mental health, labor market status, income, assets and liabilities, and family household structure. UAS also enables researchers to leverage a rich collection of core data, including from the famed Health and Retirement Study (HRS) of aging in America, along with other key studies of health and well-being.

All this information is available for free download and can be combined with newly collected data.

What is the cost for use of the UAS?

The basic rate is \$3 per respondent per minute survey time for the first 500 respondents, \$2.50 for the next 500, and \$2 a minute thereafter. Each project includes handling costs of \$2,000 for data delivery, production of documentation, after-project service, and related services. For example, 1,000 respondents taking an survey of 15 minutes would cost \$43,250.

The fixed fee-for-service survey rate covers all costs, including development and maintenance costs of software; study maintenance and recruiting; tablets, help desk staff, and phone lines; Internet subscriptions; administrative client relations; management; and, incentive payments. (About one-third of the rate consists of incentive payments to respondents to maximize response rates.)

The UAS usage fee assumes relatively straightforward surveys that do not require new, custom software additions. Specific programming requirements, if necessary, are priced based on programmer labor rates. Additional services, such as specialized respondent payment schedules, materials, or data analysis can also be added to your contract.



data delivery // production of documentation // after-project service



Who are the primary UAS staff?



ARIE KAPTEYN is director of the Center for Economic and Social Research (CESR) in the Dornsife College of Letters Arts and Sciences at USC. Previously, he was director of the Labor and Population unit at the RAND Corporation, as well as director of the American Life Panel, an Internet panel similar to UAS. Before RAND, Arie was a professor at Tilburg University in The Netherlands, where he founded and directed CentERdata (<http://www.centerdata.nl/en>), which manages the CentERpanel, the oldest existing Internet panel with a set-up like that of UAS. He is also co-principal investigator of the “Measurement and Experimentation in the Social Sciences” (MESS) project, which includes an Internet panel of 5,000 households in The Netherlands. UAS and MESS collaborate closely in conducting methodological experiments and developing new measurement methods. Arie is at kapteyn@usc.edu, and is also a founding member of the Open Probability-Based Panel Alliance (openpanelalliance.org).



BAS WEERMAN is information technology director at CESR. Bas developed the technical infrastructure of the RAND American Life Panel. Prior to his work at RAND, he was affiliated with CentERdata, where he built the complete technical infrastructure of the CentERpanel. Bas currently heads the programming of g2aging.org, a resource that facilitates the use of different datasets in comparative studies. This repository of information and experience may serve as a library of survey questions for aging surveys. He is also responsible for the development of NubiS, a complete data collection tool that includes all the traditional modes of data collection like self-administered, face-to-face, and telephone interviewing. NubiS can also collect continuous information from smartphones, tablets or other external devices like accelerometers, GPS devices, blood pressure meters and other biomedical devices. He is involved as a lead developer and advisor on international household surveys throughout Europe, Asia, Latin America, and the United States. For programming inquiries, reach Bas at weerman@usc.edu.

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BART ORRIENS is the managing IT director at CESR who specializes in the design and implementation of data collection efforts. Before coming to CESR, he worked as an information systems professional at RAND where he collaborated with researchers on a multitude of survey projects. Currently Bart is one of the lead developers of NubiS, a complete data collection tool capable of assembling data in an integrated fashion from traditional interviewing modes as well as other sources, including smartphones, tablets, or other external devices such as accelerometers, GPS devices, and blood pressure meters. He spearheads a variety of data collection projects for a broad set of clients. To get in touch with Bart, email him at orriens@usc.edu.



TANIA GUTSCHE is managing director of CESR and the project and panel manager for the Understanding American Study. She is the key contact for budget estimates, human subjects questions, and other contractual details. She handles the panel's day-to-day operations and maintenance, as well as the needs of the respondents. Before coming to USC, she managed the American Life Panel at RAND. Her current responsibilities include managing the helpdesk and coordinating correspondence, equipment setup and delivery, and ongoing incentives for panel members. If you have questions or want to explore using the UAS panel in your research, contact Tania at 213.821.1819 or tgutsche@usc.edu.



JILL E. DARLING is survey director for the Understanding America Study. Prior to joining CESR, she served as Survey Director to the Veterans Health Administration Health Services Research and Development Center for Healthcare Innovation, Implementation, and Policy (CSHIIP). Before the VA she was Associate Director of the Los Angeles Times Poll (later Times/Bloomberg poll). Her expertise includes survey design, survey methodology, data analysis, administrative linkages, and human subjects research. Jill can work with your project team to optimize your survey from any stage of your process. She can be reached at 213.821.8901 or jilldarl@usc.edu.

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