UnderStandingAmericaStudy

UAS 581: MONTHLY PANEL SURVEY OCTOBER 2023

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1 INTRODUCTION

This UAS panel survey, titled "UAS 581: Monthly Panel Survey October 2023", is the first in a series of full-panel monthly surveys covering topics asked once a month in several domains: life satisfaction, overall health, PHQ4 depression and anxiety, and 2-item pain. Food security was asked of a split sample - either 12-month or 30-day lookbacks. The 30 day group are asked each month for a year, and the 12-month is repeated again in October 2024 (UAS 654). Future surveys in this series collect additional mental health measures (loneliness, PSS4 Stress, PROMIS measures of anger, meaning and purpose, and positive affect), as well as employment, health, and financial shocks, and impact of extreme climate events. One-time questions were asked about colorectal screening policy, social circle sexual identity, personal sexual orientation and gender identity. This survey is no longer in the field. Respondents were paid $3 to complete the survey.
A longitudinal data file of all UAS Monthly Panel Surveys is available for download from https://uasdata.usc.edu/page/UAS+Monthly+Surveys.

1.1 Topics

This survey contains questions (among others) on the following topics: Health, Income, Social Attitudes And Values. A complete survey topic categorization for the UAS can be found here.

1.2 Experiments

This survey includes experiment(s) of the following type(s): Auxiliary Randomization, Hypothetical Scenarios Experiments. Please refer to explanatory comments in the Routing section for detailed information. A complete survey experiment categorization for the UAS can be found here.

1.3 Citation

Each publication, press release or other document that cites results from this survey must include an acknowledgment of UAS as the data source and a disclaimer such as, 'The project described in this paper relies on data from survey(s) administered by the Understanding America Study, which is maintained by the Center for Economic and Social Research (CESR) at the University of Southern California. The content of this paper is solely the responsibility of the authors and does not necessarily represent the official views of USC or UAS.' For any questions or more information about the UAS, contact Tania Gutsche, Project and Panel Manager, Center for Economic and Social Research, University of Southern California, at tgutsche@usc.edu.

2 SURVEY RESPONSE AND DATA

2.1 Sample selection and response rate

The sample selection for this survey was:

All active respondents.

As such, this survey was made available to 13185 UAS participants. Of those 13185 participants, 9386 completed the survey and are counted as respondents. Of those who are not counted as respondents, 41 started the survey without completing and 3758 did not start the survey. The overall response rate was 71.19%.

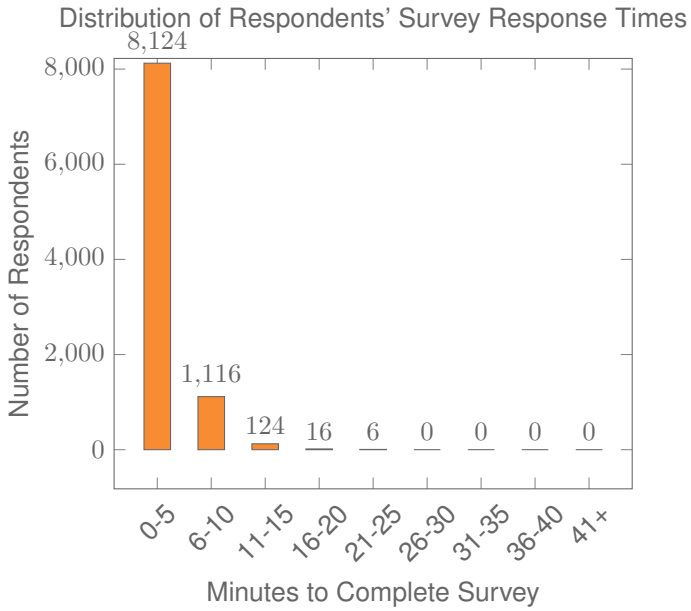
Note: We are unable to provide sample weights for a small number of UAS members (see the Sample and weighting section below for details). If they completed the survey, these members are included in the data set with a weight of zero, but accounted for in the computation of total sample size and survey response rate.%.

The detailed survey response rate is as follows:

UAS581 - Response Overview	
Size of selected sample	13185
Completed the survey	9386
Started but did not complete the survey	41
Did not start the survey	3758
Response rate	71.19%

2.2 Timings

The survey took respondents an average of 4 minutes, and the full distribution of survey response times is available in the figure below. Times per question are available upon request.



2.3 Sample & Weighting

Sample weights for this survey are computed following the general UAS Weighting Procedure. Specifically, we use a two-step process where we first compute base weights, which correct for unequal probabilities of sampling UAS members, and then generate final, post-stratification weights, which align the sample to the reference population along certain socio-economic dimensions. These are gender (male/female), race and ethnicity (White/Black/Other/Hispanic/Native American), age (18-39/40-49/50/59/60+), education (High school or less/Some college/Bachelor or more), Census regions (Northeast/Midwest//West, excl. CA/CA, excl. LAC, LAC). Benchmark distributions for these variables are derived from the 6 most recent available Current Population Survey (CPS) Basic Monthly Survey with respect to the survey's completion date. The reference population considered for the weights is the U.S. population of adults age 18 and older.

This survey dataset may contain respondents with a weight of zero. These respondents belong to a small group of UAS members for whom sample weights cannot be computed due to non-probability recruitment for special projects. Hence, while they are accounted for in the total number of survey respondents, they do not contribute to any statistics using sample weights. More information is available from the UAS Weighting Procedure. Please contact UAS staff with any questions.

3 STANDARD VARIABLES

Each Understanding America Study data set contains a series of standard variables, consisting of individual, household and sample identifiers, language indicator, time stamps and a rating by the respondent of how much he or she liked the survey. These variables are based on the questions asked quarterly in the My Household survey after the application of a cleaning process (https://uasdata.usc.edu/page/Data+Cleaning+Process). They are the following:

- **uasid**: the identifier of the respondent. This identifier is assigned to a respondent at recruitment and stays with the respondent throughout each and every survey he/she participates in. When analyzing data from multiple surveys, the 'uasid' can be used to merge data sets.
- **uashhid**: the household identifier of the respondent. Every member is assigned a household identifier, stored in the variable ¡em¿uashhid¡/em¿. For the primary respondent this identifier is his or her 'uasid'. All other eligible members of the primary respondent's household (everyone who is 18 or older in the household) who become UAS respondents receive the uasid of the primary respondent as their household identifier. The uashhid remains constant over time for all respondents. Thus it is always possible to find the original UAS household of an UAS panel member (even after they, for example, have moved out to form another household).
- **uashhid_current**: the current household identifier of the respondent. Uniquely identifies the household a UAS panel member belongs to in a given survey INDEPENDENT of the exact composition of the household in terms of who else in the household are UAS members. Missing (.n) for respondents who are in a single-UAS member household at the time of survey start. Available on request in data sets prior to September 3, 2025.
- **survhhid**: uniquely identifies the household a UAS panel member belongs to in a given survey DEPENDENT on the exact composition of the household in terms of who else in the household are UAS members. Is set to missing (.n) if no other household members are UAS panel members at the time of the survey. Is set to unknown (.u) for respondents who last participated in the My Household survey prior to January 21, 2015.
- **uasmembers**: is the number of other household members who are also UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart is the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, the primary respondent of a household has a value of '0', whereas the second UAS household respondent has a value of '1'. Therefore 'uasmembers' should be interpreted as the number of household and UAS panel members at the time the respondent answers the survey. Note: in the My Household survey 'uasmembers' is set to unknown (.u)

for respondents who last participated in the My Household survey prior to January 21, 2015.

- **sampleframe**: indicates the sampling frame from which the household of the respondent was recruited. All UAS recruitment is done through address based sampling (ABS) in which samples are acquired based on postal records. Currently, the variable 'sampleframe' takes on four values reflecting four distinct sample frames used by the UAS over the year (in future data sets the number of sample frames used for recruitment may increase if additional specific populations are targeted in future recruitment batches):

  1. U.S. National Territory: recruited through ABS within the entire U.S.
  2. Areas high concentration Nat Ame: recruited through ABS in areas with a high concentration of Native Americans in the zip-code. Within these batches, individuals who are not Native Americans are not invited to join the UAS.
  3. Los Angeles County: recruited through ABS within Los Angeles County.
  4. California: recruited through ABS within California.

  Note: prior to March 6, 2024 this variable was called sampletype and had the following value labels for the above list in UAS data sets:

  1. Nationally Representative Sample: recruited through ABS within the entire U.S.
  2. Native Americans: recruited through ABS in areas with a high concentration of Native Americans. Within these batches, individuals who are not Native Americans are not invited to join the UAS.
  3. LA County: recruited through ABS within Los Angeles County.
  4. California: recruited through ABS within California.

- **batch**: indicates the batch from which the respondent was recruited. Currently, this variable takes the following values (in future data sets the number of batches may increase as new recruitment batches are added to the UAS):

  1. ASDE 2014/01
  2. ASDE 2014/01
  3. ASDE 2014/01
  4. Public records 2015/05
  5. MSG 2015/07
  6. MSG 2016/01
  7. MSG 2016/01
  8. MSG 2016/01
  9. MSG 2016/02
  10. MSG 2016/03

11. MSG 2016/04
12. MSG 2016/05
13. MSG 2016/08
14. MSG 2017/03
15. MSG 2017/11
16. MSG 2018/02
17. MSG 2018/08
18. MSG 2019/04
19. MSG 2019/05
20. MSG 2019/11
21. MSG 2020/08
22. MSG 2020/10
23. MSG 2021/02
24. MSG 2021/08
25. MSG 2021/08
26. MSG 2022/02
27. MSG 2022/02
28. MSG 2022/08
29. MSG 2022/11
30. MSG 2022/11
31. MSG 2023/01
32. MSG 2023/06
33. MSG 2023/09
34. MSG 2023/10
35. MSG 2025/02
36. MSG 2025/09
37. MSG 2026/06

Note: prior to March 6, 2024 this variable had the following value labels for the above list in UAS data sets:

1. ASDE 2014/01 Nat.Rep.
2. ASDE 2014/01 Native Am.
3. ASDE 2014/11 Native Am.
4. LA County 2015/05 List Sample
5. MSG 2015/07 Nat.Rep.

6. MSG 2016/01 Nat.Rep. Batch 2
7. MSG 2016/01 Nat.Rep. Batch 3
8. MSG 2016/01 Nat.Rep. Batch 4
9. MSG 2016/02 Nat.Rep. Batch 5
10. MSG 2016/03 Nat.Rep. Batch 6
11. MSG 2016/04 Nat.Rep. Batch 7
12. MSG 2016/05 Nat.Rep. Batch 8
13. MSG 2016/08 LA County Batch 2
14. MSG 2017/03 LA County Batch 3
15. MSG 2017/11 California Batch 1
16. MSG 2018/02 California Batch 2
17. MSG 2018/08 Nat.Rep. Batch 9
18. MSG 2019/04 LA County Batch 4
19. MSG 2019/05 LA County Batch 5
20. MSG 2019/11 Nat. Rep. Batch 10
21. MSG 2020/08 Nat. Rep. Batch 11
22. MSG 2020/10 Nat. Rep. Batch 12
23. MSG 2021/02 Nat. Rep. Batch 13
24. MSG 2021/08 Nat. Rep. Batch 15
25. MSG 2021/08 Nat. Rep. Batch 16
26. MSG 2022/02 Nat. Rep. Batch 17 (priority)
27. MSG 2022/02 Nat. Rep. Batch 17 (regular)
28. MSG 2022/08 Nat. Rep. Batch 18
29. MSG 2022/11 LA County Batch 6
30. MSG 2022/11 Nat. Rep. Batch 20
31. MSG 2023/01 Nat. Rep. Batch 21
32. MSG 2023/06 Nat. Rep. Batch 22
33. MSG 2023-09 Native Am. Batch 3
34. MSG 2023-10 Nat. Rep. Batch 23

- **primary_respondent**: indicates if the respondent was the first person within the household (i.e. to become a member or whether s/he was added as a subsequent member. A household in this regard is broadly defined as anyone living together with the primary respondent. That is, a household comprises individuals who live together, e.g. as part of a family relationship (like a spouse/child/parent) or in context of some other relationship (like a roommate or tenant).

- **hardware**: indicates whether the respondent ever received hardware or not. Note: this variable should not be used to determine whether a respondent received hardware at a given point in time and/or whether s/he used the hardware to participate in a survey. Rather, it indicates whether hardware was ever provided:

    1. None
    2. Tablet (includes Internet)

- **language**: the language in which the survey was conducted. This variable takes a value of 1 for English and a value of 2 for Spanish.

- **start_date (start_year, start_month, start_day, start_hour, start_min, start_sec)**: indicates the time at which the respondent started the survey.

- **end_date (end_year, end_month, end_day, end_hour, end_min, end_sec)**: indicates the time at which the respondent completed the survey.

- **cs_001**: indicates how interesting the respondent found the survey.

4 DEMOGRAPHICS

Every UAS survey data set also includes demographic variables, which provide background information about the respondent and their household. Demographic information such as age, ethnicity, education, marital status, work status, state of residence, family structure is elicited every quarter through the ‘‘My Household’’ survey. The demographic variables provided with each survey are taken from the most recent ‘MyHousehold’ survey answered by the respondent. If at the time of a survey, the information in ‘‘My Household’’ is more than three months old, a respondent is required to check and update his or her information before being able to take the survey.

The demographic variables are based on the questions taken from the My Household survey after the application of the cleaning process.

The following variables are available in survey data sets after October 8, 2025:

- **sex**: indicates the sex of the respondent as assigned at birth. Is set to gender if the respondent has not filled out My Household after October 8, 2025.
- **genderid**: indicates the current gender of the respondent. Is set to missing (”.v”) if the respondent has not filled out My Household after October 8, 2025. Available in data sets after October 8, 2025.
- **dateofbirth_year**: indicates the year of birth of the respondent.
- **age**: indicates the age of the respondent at the start of the survey.
- **agerange**: if the respondent’s age cannot be calculate due to missing information, ‘agerange’ indicates the approximate age. Should a value for both the ‘age’ and ‘agerange’ be present, then ‘age’ takes precedence over ‘agerange’.
- **citizenus**: indicates whether the respondent is a U.S. citizen.
- **bornus**: indicates whether the respondent was born in the U.S.
- **stateborn**: indicates the state in which the respondent was born. Is set to missing (.) if the respondent was not born in the U.S.
- **countryborn**: indicates the country in which the respondent was born. Is set to missing (.) if the respondent was born in the U.S.
- **statereside**: indicates the state in which the respondent is living.
- **immigration_status**: indicates whether the respondent is an immigrant. It takes one of the following values: 0 Non-immigrant, 1 First generation immigrant (immigrant who migrated to the U.S), 2 Second generation immigrant (U.S.-born children of at least one foreign-born parent), 3 Third generation immigrant (U.S.-born children of at least

one U.S.-born parent, where at least one grandparent is foreign-born), or 4 Unknown immigrant status.

- **maritalstatus**: indicates the marital status of the respondent.
- **livewithpartner**: indicates whether the respondent lives with a partner.
- **education**: indicates the highest level of education attained by the respondent.
- **white**: indicates whether the respondent identifies him or herself as white (Caucasian).
- **black**: indicates whether the respondent identifies him or herself as black (African-American).
- **nativeamer**: indicates whether the respondent identifies him or herself as Native American (American Indian or Alaska Native).
- **asian**: indicates whether the respondent identifies him or herself as Asian (Asian-American).
- **pacific**: indicates whether the respondent identifies him or herself as Native Hawaiian or Other Pacific Islander.
- **race**: indicates the race of the respondent as singular (e.g., '1 White' or '2 Black') or as mixed (in case the respondent identifies with two or more races). The value '6 Mixed' that the respondent answered 'Yes' to at least two of the single race categories. This variable is generated based on the values of the different race variables (white, black, nativeamer, asian, pacific). This composite measure is not conditional on hisplatino, so an individual may identify as Hispanic or Latino, and also as a member of one or more racial groups.
- **race_identify**: indicates the race the respondent identifies with most (if mixed). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **hisplatino**: indicates whether the respondent identifies him or herself as being Hispanic or Latino. This variable is asked separately from race.
- **mena**: indicates whether the respondent identifies as being of Middle Eastern or North African ancestry. Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **working**: indicates whether the respondent is working for pay.
- **sick_leave**: indicates whether the respondent is not working because sick or on leave.
- **unemp_layoff**: indicates whether the respondent is unemployed or on lay off.
- **unemp_look**: indicates whether the respondent is unemployed and looking for a job.

- **retired**: indicates whether the respondent is retired.
- **disabled**: indicates whether the respondent has a disability.
- **workemployer**: indicates whether the respondent works for an employer. Is set to missing (".e") if no answer for laborstatus was given by the respondent. Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **workself**: indicates whether the respondent is self-employed. Is set to missing (".e") if no answer for laborstatus was given by the respondent. Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **homemaker**: indicates whether the respondent is a homemaker. Is set to missing (".e") if no answer for laborstatus was given by the respondent. Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **student**: indicates whether the respondent is a student. Is set to missing (".e") if no answer for laborstatus was given by the respondent. Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **notworking**: indicates whether the respondent is not working and not looking for work. Is set to missing (".e") if no answer for laborstatus was given by the respondent. Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **lf_other**: indicates whether the respondent has another labor force status.
- **laborstatus**: indicates the labor force status of the respondent as singular (e.g., '1 Working for pay' or '2 On sick or other leave') or as mixed (in case the respondent selects two or more labor statuses). The value '8 Mixed' indicates that the respondent answered 'Yes' to at least two of the single labor force status variables. This variable is generated based on the values of the different labor status variables (working, sick_leave, unempl_layoff, unempl_look, retired, disabled, lf_other).
- **hourswork**: indicates the number of hours the respondent works per week. Is set to missing (.) if the respondent is not currently working or currently on sick or other leave.
- **hhincome**: indicates the total combined income of all members of the respondent's household (living in their household) during the past 12 months.
- **anyhhmember**: indicates whether there were any members in the respondent's household at the time he/she answered the survey as reported by the respondent. Based on the hhmemberin variables if the respondent has not filled out My Household after October 8, 2025. Based on hhcomp_total if the respondent has filled out My Household after October 8, 2025.
- **hhmembernumber**: indicates the number of household members in the respondent's household at the time of the survey as reported by the respondent. It may

be that ‘anyhhmember’ is ‘Yes’, but ‘hhmembernumber’ is missing if the respondent did not provide the number of household members at the time of the survey. Based on the hhmemberin variables if the respondent has not filled out My Household after October 8, 2025. Based on hhcomp_total if the respondent has filled out My Household after October 8, 2025.

- **hhcomp_male_0_3**: indicates the number of male children ages 0 through 4 who are living in the respondent’s household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (”.v”) if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_female_0_3**: indicates the number of female children ages 0 through 4 who are living in the respondent’s household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (”.v”) if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_other_0_3**: indicates the number of other-gendered children ages 0 through 4 who are living in the respondent’s household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (”.v”) if the respondent has not filled out My Household after October 8, 2025.¡/li¿
- **hhcomp_male_4_12**: indicates the number of male children ages 5 through 12 who are living in the respondent’s household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (”.v”) if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_female_4_12**: indicates the number of female children ages 5 through 12 who are living in the respondent’s household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (”.v”) if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_other_4_12**: indicates the number of other-gendered children ages 5 through 12 who are living in the respondent’s household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (”.v”) if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_male_13_17**: indicates the number of male children ages 13 through 17 who are living in the respondent’s household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (”.v”) if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_female_13_17**: indicates the number of female children ages 13 through 17 who are living in the respondent’s household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (”.v”) if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_other_13_17**: indicates the number of other-gendered children ages 13 through 17 who are living in the respondent’s household right now (even if they only

live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.

- **hhcomp_male_18_64**: indicates the number of male adults ages 18 through 64 who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_female_18_64**: indicates the number of female adults ages 18 through 64 who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_other_18_64**: indicates the number of other-gendered adults ages 18 through 64 who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_male_65plus**: indicates the number of male adults ages 65 or older who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_female_65plus**: indicates the number of female adults ages 65 or older who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_other_65plus**: indicates the number of other-gendered adults ages 65 or older who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_total_18_64**: indicates the total number of adults 18 through 64 who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_total_65plus**: indicates the total number of adults 65 or older who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_total_adults**: indicates the total number of adults who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.

- **hhcomp_total_children**: indicates the total number of children who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **hhcomp_total**: indicates the total number of people who are living in the respondent's household right now (even if they only live with the respondent part-time or temporarily). Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **parent_guardian_a**: indicates whether the respondent is the parent or guardian of one or more children ages 0 to 4 in the respondent's household. Is set to missing (".a") if hhcomp_total_children is not greater than 0. Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **parent_guardian_b**: indicates whether the respondent is the parent or guardian of one or more children ages 5 to 12 in the respondent's household. Is set to missing (".a") if hhcomp_total_children is not greater than 0. Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.
- **parent_guardian_c**: indicates whether the respondent is the parent or guardian of one or more children ages 13 to 17 in the respondent's household. Is set to missing (".a") if hhcomp_total_children is not greater than 0. Is set to missing (".v") if the respondent has not filled out My Household after October 8, 2025.

The following variables were provided up until October 8, 2025. Several remain available in data sets created after October 8, 2025 on request.

- **gender**: indicates the gender of the respondent. Available in data sets before October 9, 2025.
- **countryborn_other**: indicates the country of birth if that country is not on the drop down list of countries shown to the respondent'.
- **hisplatinogroup**: indicates which Hispanic or Latino group a respondent identifies him or herself with. Is set to missing (.) if the respondent does not identify him or herself as being Hispanic or Latino. Available in data sets after October 8, 2025 on request.
- **employmenttype**: indicates the employment type of the respondent (employed by the government, by a private company, a nonprofit organization, or self-employed). Is set to missing (.) if the respondent is not currently working or currently on sick or other leave. Available in data sets before October 9, 2025.
- **workfullpart**: indicates whether the respondent works full or part-time. Is set to missing (.) if the respondent is not currently working or currently on sick or other leave. Available in data sets before October 9, 2025.

- **hhmemberin_#**: indicates whether a household member is currently in the household as reported by the respondent. Household members are never removed from the stored household roster and their information is always included in survey data sets. The order of the roster is the same order in which household members were specified by the respondent in the 'MyHousehold' survey. The order is identified by the suffix _# (e.g., _1 indicates the first household member, _2 the second household member, etc.).

  As an example, if the first household member is in the household at the time of the survey, 'hhmemberin_1' is set to '1 HH Member 1 is in the HH'; if he/she has moved out, 'hhmemberin_1' is set to '0 HH member 1 is no longer in the HH'. Since information of other household members (stored in the variables listed below) is always included in survey data sets, information about 'hhmemberin_1' is available whether this person is still in the household or has moved out. Available in data sets before October 9, 2025. Available in data sets after October 8, 2025 on request.

- **hhmembergen_#**: indicates the gender of the household member as reported by the respondent. Available in data sets before October 9, 2025. Available in data sets after October 8, 2025 on request.

- **hhmemberage_#**: indicates the age of the household member. The age is derived from the month and year of birth of the household member as reported by the respondent. Available in data sets before October 9, 2025. Available in data sets after October 8, 2025 on request.

- **hhmemberrel_#**: indicates the relationship of the respondent to the household member as reported by the respondent. Available in data sets before October 9, 2025. Available in data sets after October 8, 2025 on request.

- **hhmemberuasid_#**: indicates the 'uasid' of the household member if this person is also a UAS panel member. It is set to missing (.) if this person is not a UAS panel member at the time of the survey. Since this identifier is directly reported by the respondent (chosen from a preloaded list), it may differ from the actual (correct) 'uasid' of the UAS member it refers to because of reporting error. Also, this variable should not be used to identify UAS members in a given household at the time of the survey. This is because the variables 'hhmemberuasid_#' are taken from the most recent 'My Household' and changes in household composition involving UAS members may have occurred between the time of the respondent answered 'My Household' and the time the respondent answers the survey. To follow UAS members of a given household, it is advised to use the identifiers 'uashhid' and 'survhhid'. Available in data sets before October 9, 2025. Available in data sets after October 8, 2025 on request.

Lastly, data sets created after May 8, 2025 include an urbanicity variable. It is based on panel members' current census tract of residence and the 2010 Rural-Urban Commuting Area (RUCA) codes released by the US Department of Agriculture's Economic Research Service. To preserve confidentiality, the UAS collapses the 10 primary RUCA codes to 4

levels: Metropolitan, Micropolitan, Small/Rural, and Unknown. The Metropolitan level corresponds to primary RUCA codes 1-3, the Micropolitian level corresponds to RUCA codes 4-6, and the Small/Rural UAS classification corresponds to RUCA codes 7-10.

For detailed information and definitions of the 10 primary RUCA codes, please visit the USDA ERS Rural-Urban Commuting Area Codes site. Surveys conducted completely prior to May 8, 2025 will have an urbanicity data variable available on request. Data sets created after February 6, 2026 contain two urbanicity variables (urbanicity2010 and urbanicity2020, based on the 2010 and 2020 RUCA codes respectively). Information regarding differences between the 2010 and 2020 codes is located here.

5 MISSING DATA CONVENTIONS

Data files provide so-called clean data, that is, answers given to questions that are not applicable anymore at survey completion (for example because a respondent went back in the survey and skipped over a previously answered question) are treated as if the questions were never asked. In the data files all questions that were asked, but not answered by the respondent are marked with (.e). All questions never seen by the respondent (or any dirty data) are marked with (.a). The latter may mean that a respondent did not view the question because s/he skipped over it; or alternatively that s/he never reached that question due to a break off. If a respondent did not complete a survey, the variables representing survey end date and time are marked with (.c). Household member variables are marked with (.m) if the respondent has less household members (e.g. if the number of household members is 2, any variables for household member 3 and up are marked with (.m).

UAS provides data in STATA and CSV format. Stata data sets come with include variable labels that are not available in the CSV files. Value labels are provided for single-response answer option. In STATA these labels will include the labels 'Not asked' and 'Not answered' for (.a) and (.e), and will show in tabulations such as 'tab q1, missing'. For multiple-response questions a binary variable is created for each answer option indicating whether the option was selected or not. A summary variable is also provided in string format reflecting which options were selected and in which order. For example, if a question asked about favorite animals with options cat, dog, and horse, then if a respondent selected horse and then cat, the binary variables for horse and cat will be set to yes, while the overall variable would have a string value of '3-1'. If no answer was given, all binary variables and the summary variable will be marked with '.e'.

Questions that are asked multiple times are often implemented as so-called array questions. Supposing the name of such question was Q1 and it was asked in 6 different instances, your data set would contain the variables Q1_1_ to Q1_6_. To illustrate, if a survey asked the names of all children, then child_1_ would contain the name of the first child the respondent named and so on.

More information about the UAS data in general can be found on the UAS Data Pages web site.

6 ROUTING SYNTAX

The survey with routing presented in the next section includes all of the questions that make up this survey, the question answers when choices were provided, and the question routing. The routing includes descriptions of when questions are grouped, conditional logic that determines when questions are presented to the respondent, randomization of questions and answers, and fills of answers from one question to another.

If you are unfamiliar with conditional logic statements, they are typically formatted so that ***if*** the respondent fulfills some condition (e.g. they have a cellphone or a checking account), ***then*** they are presented with some other question or the value of some variable is changed. If the respondent does not fulfill the condition (e.g. they are not a cellphone adopter or they do not have a checking account), something ***else*** happens such as skipping the next question or changing the variable to some other value. Some of the logic involved in the randomization of questions or answers being presented to the respondent is quite complex, and in these instances there is documentation to clarify the process being represented by the routing.

Because logic syntax standards vary, here is a brief introduction to our syntax standards. The syntax used in the conditional statements is as follows: '=' is equal to, '$<$' is less than, '$>$' is greater than, and '!=' is used for does not equal. When a variable is set to some number N, the statement looks like 'variable := N'.

The formatting of the questions and routing are designed to make it easier to interpret what is occurring at any given point in the survey. Question ID is the bold text at the top of a question block, followed by the question text and the answer selections. When a question or variable has associated data, the name links to the appropriate data page, so you can easily get directly to the data. Text color is used to indicate the routing: red is conditional logic, gold is question grouping, green is looping, and orange is used to document randomization and other complex conditional logic processes. The routing is written for a computer to parse rather than a human to read, so when the routing diverges significantly from what is displayed to the respondent, a screenshot of what the respondent saw is included.

The name of the randomization variables are defined in proximity to where they are put into play, and like the question ID the names of the randomization variables can be used to link directly to the associated data page.

7 SURVEY WITH ROUTING

maintro (Section Insecurity)
This survey covers several different topics: food security, your feedback on health screening policies, and how things have been going for you recently. Some of these questions may apply to you more than others - we appreciate your answers, which ensure we have the most recent information.

FLMonth := getLastMonth()
FLCurrentMonth := getCurrentMonth()

Start of section **Satisfaction**

ls_intro (Section Satisfaction)
First, we have some questions about your life and your health.

LE_HRS_s1 (overall life satisfaction in section Satisfaction)
Please think about your life-as-a-whole. How satisfied are you with it? Are you completely satisfied, very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied?
1 Completely satisfied
2 Very satisfied
3 Somewhat satisfied
4 Not very satisfied
5 Not at all satisfied

LE_HRS_srh1 (overall health in section Satisfaction)
Would you say your health is excellent, very good, good, fair, or poor?
1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

End of section **Satisfaction**

Start of section **Phq4**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

> **phq_intro2** (Section Phq4)
> Over the **past fourteen days**, how often have you been bothered by any of the following problems?

SUBGROUP OF QUESTIONS

phq4a (Feeling nervous, anxious, or on edge in section Phq4)
Feeling nervous, anxious, or on edge
1 Not at all
2 Several days
3 More than half the days
4 Nearly every day

phq4b (Not being able to stop or control worrying in section Phq4)
Not being able to stop or control worrying
1 Not at all
2 Several days
3 More than half the days
4 Nearly every day

phq4c (Feeling down, depressed, or hopeless in section Phq4)
Feeling down, depressed, or hopeless
1 Not at all
2 Several days
3 More than half the days
4 Nearly every day

phq4d (Little interest or pleasure in doing things in section Phq4)
Little interest or pleasure in doing things
1 Not at all
2 Several days
3 More than half the days
4 Nearly every day

END OF SUBGROUP

END OF GROUP

LE_HRS_p1 (often troubled by pain in section Phq4)
Last month, in ((), were you often troubled by pain?
1 Yes
2 No

IF LE_HRS_p1 = 1 THEN

LE_HRS_p2 (how bad was pain most of time in section Phq4)
How bad was the pain most of the time?
1 Mild
2 Moderate
3 Severe

END OF IF

End of section **Phq4**

Start of section **Insecurity**

maintro2 (Section Insecurity)
The questions in this section are about food, and if you have been able to get food that you want and need. You may have answered these or similar questions in recent surveys. We appreciate your patience as we make sure we have the most up to date information.

/* A subset of respondents are participating in an experiment starting with this survey in which they are assigned to receive a series of food insecurity related questions every 30 days or once every 12 months. The assignment is captured in variable randomizer_timeframe with values:

- 1 Receive food insecurity every 30 days
- 2 Receive food insecurity every 12 months

Note: the assignment was set prior to survey fielding for respondents. */

```
IF randomizer_timeframe = EMPTY THEN
  randomizer_timeframe := getTimeFrame()

  IF randomizer_timeframe = EMPTY THEN
    randomizer_timeframe := mt_rand(1,2)
    randomizer_timeframe_flag := 2
  ELSE
    randomizer_timeframe_flag := 1
  END OF IF
END OF IF
```

Fill code of question FLTimeframe executed
Fill code of question FLTimeFrameCAPS executed

```
IF randomizer_timeframe = 1 THEN
```

fs_intro (Section Insecurity)
These next questions are about the food eaten in your household (in the **last 30 days**/in the **last 12 months**), and whether you were able to afford the food you need.

The following are statements that people have made about their food situation. For these statements, please tell me whether the statement was often true, sometimes true, or never true for you (in the **last 30 days**/in the **last 12 months**).

```
ELSE
```

fs_intro2 (Section Insecurity)
These next questions are about the food eaten in your household (in the **last 30 days**/in the **last 12 months**), since (()) of last year, and whether you were able to afford the food you need.

The following are statements that people have made about their food situation. For these statements, please tell me whether the statement was often true, sometimes true, or never true for you (in the **last 30 days**/in the **last 12 months**) - that is, since last (()).

END OF IF

fs001 (food bought didnt last and no money to get more in section Insecurity)
The first statement is, "The food that I bought just didn't last, and I didn't have money to get more". Was that often, sometimes, or never true for you (in the **last 30 days**/in the **last 12 months**)?
1 Often true
2 Sometimes true
3 Never true
99 Don't know

fs002 (I couldnt afford to eat balanced meals in section Insecurity)
"I couldn't afford to eat balanced meals." Was that often, sometimes, or never true for you (in the **last 30 days**/in the **last 12 months**)?
1 Often true
2 Sometimes true
3 Never true
99 Don't know

IF randomizer_timeframe = 1 THEN

fs003 (ever cut size of meals or skip meals because not enough money for food in section Insecurity)
(In the **last 30 days**/In the **last 12 months**), did you ever cut the size of your meals or skip meals because there wasn't enough money for food?
1 Yes
2 No
99 Don't know

IF fs003 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

fs003b (how many days cut the size of meals or skip meals in section Insecurity)
(In the **last 30 days**/In the **last 12 months**), how many days did this happen?
RANGE 1..30

fs003b_dk (dont know how many days cut the size of meals or skip meals in

section Insecurity)
OR
99 Don't know

fs003b_script (Section Insecurity)
Please enter the number of days or check the "Don't know" box.

END OF GROUP
END OF IF
ELSE
fs003_12months (last 12 months ever cut size of meals or skip meals because not enough money for food in section Insecurity)
(In the **last 30 days**/In the **last 12 months**), since (()), did you ever cut the size of your meals or skip meals because there wasn't enough money for food?
1 Yes, almost every month
2 Yes, some months but not every month
3 Yes, only 1 or 2 months
4 No
99 Don't know
END OF IF

fs004 (ever eat less because not enough money for food in section Insecurity)
(In the **last 30 days**/In the **last 12 months**), did you ever eat less than you felt you should because there wasn't enough money for food?
1 Yes
2 No
99 Don't know

fs005 (ever hungry but didn't eat because not enough money for food in section Insecurity)
(In the **last 30 days**/In the **last 12 months**), were you ever hungry but didn't eat because there wasn't enough money for food?
1 Yes
2 No
99 Don't know

fs023 (live by self or with others in section Insecurity)
Do you currently live by yourself, or do you live with others in your household?
1 I live by myself
2 I live with others

Fill code of question FL_fs020a executed

fs020_intro (Section Insecurity)
(The following question asks about your ability to be able to decide what you eat./The fol-

lowing question asks about your household's ability to be able to decide what you eat.)

fs020a (last 12 months worry food would hurt health and well being in section Insecurity)
(^FLTimeFrameCAPS, I worried that the food I was able to eat would hurt my health and well-being./^FLTimeFrameCAPS, we worried that the food we were able to eat would hurt our health and well-being.)
1 Never
2 Rarely
3 Sometimes
4 Often
5 Always
99 Don't know

IF randomizer_timeframe = 1 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ei005_intro (Section Insecurity)
In the past month, did you or anyone in your household receive any of the following government benefits?

SUBGROUP OF QUESTIONS

ei005f (Special Supplemental Assistance Program for Women, Infants, and Children (WIC) in section Insecurity)
Special Supplemental Assistance Program for Women, Infants, and Children (WIC)
1 Yes
2 No
3 Unsure

ei005h (Supplemental Nutrition Assistance Program (SNAP, also known as CalFresh or Food Stamps) in section Insecurity)
Supplemental Nutrition Assistance Program (SNAP, also known as CalFresh or Food Stamps)
1 Yes
2 No
3 Unsure

END OF SUBGROUP

END OF GROUP
END OF IF

End of section **Insecurity**

Start of section **Screening**

/* Respondents receive a randomly assigned policy change for a clinic that assists with colorectal cancer screening per variable randomizer_colorectal with values:

- 1 DE-SLUDGE NO APPT
- 2 DE-SLUDGE FORM FILLING HELP
- 3 DE-SLUDGE NO ID
- 4 DE-SLUDGE EASY INTERNET
- 5 DE-SLUDGE EASY PHONE
- 6 NUDGE DECOY
- 7 NUDGE OUTCOME FRAMING
- 8 NUDGE FRAMING
- 9 NUDGE SOCIAL NORMS
- 10 NUDGE ENDOWMENT EFFECT

Note: the assignment was set prior to survey fielding for respondents. */

IF randomizer_colorectal = EMPTY THEN
  randomizer_colorectal := mt_rand(1,10)
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

IF randomizer_colorectal = 1 THEN

coltext1 (Section Screening)
A clinic has a new policy to help eligible patients get colorectal cancer screening.

Previous policy: Patients had to schedule an appointment when they were due for a screening.
New policy: When patients visit the doctor they are given a test to complete at home.

ELSEIF randomizer_colorectal = 2 THEN

coltext2 (Section Screening)
A clinic has a new policy to help eligible patients get colorectal cancer screening.

Previous policy: Patients had to call and request a form to schedule a screening.

New policy: Patients can call and an assistant will complete the form with them instead.

ELSEIF randomizer_colorectal = 3 THEN

coltext3 (Section Screening)
A clinic has a new policy to help eligible patients get colorectal cancer screening.

Previous policy: Patients had to show ID and give the clinic their health details when scheduling a screening.
New policy: Patients can give their name and the address where they want the results to be sent.

ELSEIF randomizer_colorectal = 4 THEN

coltext4 (Section Screening)
A clinic has a new policy to help eligible patients get colorectal cancer screening.

Previous policy: Patients who wanted to schedule a screening had to create an online profile with health details.
New policy: Patients can enter their name and the address where they want the results to be sent.

ELSEIF randomizer_colorectal = 5 THEN

coltext5 (Section Screening)
A clinic has a new policy to help eligible patients get colorectal cancer screening.

Previous policy: Patients who wanted to schedule a screening had to keep calling their doctor's office until somebody answered.
New policy: Patients can leave their name and address and the clinic will mail them a home test.

ELSEIF randomizer_colorectal = 6 THEN

coltext6 (Section Screening)
A clinic has a new policy to help eligible patients get colorectal cancer screening.

Previous policy: Women could choose between screening with a female doctor or no screening.
New policy: Women are asked to choose between screening with a male doctor or screening with a female doctor, though they can also still choose not to screen.

ELSEIF randomizer_colorectal = 7 THEN

coltext7 (Section Screening)
A clinic has a new policy to help eligible patients get colorectal cancer screening.

Previous policy: The screening invitation letter used to say '*30% of eligible patients decide to not get screened*'.
New policy: The screening invitation letter now says '*70% of eligible patients decide to get screened*'.

ELSEIF randomizer_colorectal = 8 THEN

coltext8 (Section Screening)
A clinic has a new policy to help eligible patients get colorectal cancer screening.

Previous policy: The screening invitation letter used to say '*If cancer is caught early, you could gain 5 years of life*'.
New policy: The screening invitation letter now says '*If cancer is caught too late, you could lose 5 years of life*'.

ELSEIF randomizer_colorectal = 9 THEN

coltext9 (Section Screening)
A clinic has a new policy to help eligible patients get colorectal cancer screening.

Previous policy: The screening invitation letter used to say '*Get screened because people who get screened live longer*'.
New policy: The screening invitation letter now says '*Many of our patients think getting screened is a good idea because people who get screened live longer*'.

ELSEIF randomizer_colorectal = 10 THEN

coltext10 (Section Screening)
A clinic has a new policy to help eligible patients get colorectal cancer screening.

Previous policy: The screening invitation letter used to say '*Call us to make an appointment for your screening*'.
New policy: The screening invitation letter now says '*Your appointment for your screening is on this date. Call us if you need to change it*'.

END OF IF

col001 (how likely new policy will increase number of people screened for colorectal cancer in section Screening)
How likely do you think it is that this new policy will increase the number of patients who get screened for colorectal cancer?
1 Very unlikely

2 Unlikely
3 Likely
4 Very likely

col002 (support or oppose policy change in section Screening)
Do you support or oppose this change?
1 Strongly oppose
2 Somewhat oppose
3 Somewhat support
4 Strongly support

END OF GROUP

End of section **Screening**

Start of section **Party**

p_intro (Section Party)
Thank you! The last questions ask about your political affiliations, and how you identify.

party_affil (Party affiliation in section Party)
Regardless of if or how you are registered to vote, are you more closely aligned with...
1 Democrats
2 Republicans
3 Independents (no political party)
4 Libertarians
5 Green party
6 Some other party
7 Not aligned with any political party

IF party_affil IN (3,7) THEN

lean_affil (Party lean - asked of Independents and not aligned in section Party)
Generally speaking, do you lean more toward affiliating with Democrats or with Republicans?
1 Lean toward affiliating with Democrats
2 Lean toward affiliating with Republicans
3 Do not lean toward either party

END OF IF

/* Respondents are asked about how they identify if they have not answered this question already in UAS543. */

uas543_endtime := getUAS543Preload(”endtime”);

IF uas543_endtime = RESPONSE THEN

uas543_qb11 := getUAS543Preload("qb11");
qb11 := uas543_qb11

ELSE

qb11 (identify as transgender in section Phq4)
Do you identify as transgender?
1 Yes
2 No

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

qb09 (sexual orientation in section Phq4)
How would you describe your sexual orientation?
1 Homosexual, gay or lesbian
2 Bisexual, pansexual or queer
3 Heterosexual or straight
4 Asexual
5 Some other description (please specify):

qb09_other (other sexual orientation in section Phq4)
STRING

END OF GROUP

End of section **Party**

Start of section **Closing**

CS_001 (HOW PLEASANT INTERVIEW in section Closing)
Could you tell us how interesting or uninteresting you found the questions in this survey?
1 Very interesting
2 Interesting
3 Neither interesting nor uninteresting
4 Uninteresting
5 Very uninteresting

CS_003 (comments in section Closing)
Do you have any other comments on the survey? Please type these in the box below. (If you have no comments, please click next to complete this survey.)
STRING

End of section **Closing**

/* Please note that although question CS_003 is listed in the routing, the answers are not included in the microdata in the event identifiable information is captured. Cleaned responses are available by request. */