

# UnderStandingAmericaStudy

UAS 592: MONTHLY PANEL SURVEY JANUARY 2024



Survey author(s): Center for Economic and Social Research

Fielded January 1, 2024 - January 31, 2024

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# 1 INTRODUCTION

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This UAS panel survey, titled "UAS 592: Monthly Panel Survey January 2024", is the next 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, PSS4 Stress, employment, health and financial shocks, and 2-item pain. Food security was asked of a half sample using a 30-day reference period. Future surveys in this series collect additional mental health measures (loneliness, PSS4 Stress, PROMIS measures of anger, meaning and purpose, and positive affect) and impact of extreme climate events. One-time questions included a screener for seeking help from a financial professional, and an experiment to compare HRS 2-item pain with a single item pain intensity measure. The outcome led to retaining the HRS 2-item pain measure in future surveys. This survey is no longer in the field. Respondents were paid \$2 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

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This survey contains questions (among others) on the following topics: Health, Income. A complete survey topic categorization for the UAS can be found [here](#).

## 1.2 Experiments

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This survey includes experiment(s) of the following type(s): Auxiliary Randomization. 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

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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](mailto:tgutsche@usc.edu).

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## 2 SURVEY RESPONSE AND DATA

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### 2.1 Sample selection and response rate

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The sample selection for this survey was:

All active respondents.

As such, this survey was made available to 13300 UAS participants. Of those 13300 participants, 9591 completed the survey and are counted as respondents. Of those who are not counted as respondents, 52 started the survey without completing and 3657 did not start the survey. The overall response rate was 72.11%.

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.%.

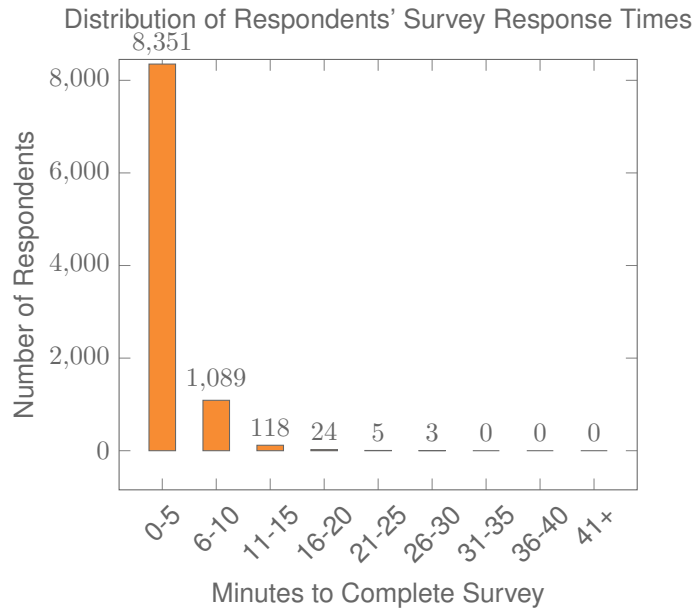
The detailed survey response rate is as follows:

UAS592 - Response Overview	
Size of selected sample	13300
Completed the survey	9591
Started but did not complete the survey	52
Did not start the survey	3657
Response rate	72.11%

### 2.2 Timings

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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.

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### 3 STANDARD VARIABLES

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Each Understanding America Study data 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:

- **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 'uashhid'. For the primary respondent this identifier equals 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 identifier '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).
- **survhhid**: uniquely identifies the household a UAS panel member belongs to in a given survey. For instance, if the primary respondent and his/her spouse are both UAS members at the time of a given survey, they both receive the same 'survhhid' identifier for that survey. If they subsequently split, they receive two different 'survhhid' in subsequent surveys. They, however, always share the same 'uashhid'. The identifier 'survhhid' is set to missing (.) if no other household members are 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 if the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, household members have different 'survhhid' reflecting different household compositions at the time they answered the survey. For instance, suppose that the primary respondent and his/her spouse are both UAS members. If the primary respondent answers the survey when he/she is living with the spouse, but the spouse answers the survey when the couple has split, they receive different 'survhhid'. Hence, the variable 'survhhid' identifies household membership of UAS panel members, at the time the respondent answers the survey. Note: in the My Household survey 'survhhid' 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 if 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

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.

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## 4 BACKGROUND DEMOGRAPHICS

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Every UAS survey data set includes demographic variables, which provide background information about the respondent and his/her 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 following variables are available in each survey data set:

- **gender**: the gender of the respondent.
- **dateofbirth\_year**: the year of birth of the respondent.
- **age**: 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. This is set to missing (.) if the respondent was not born in the U.S.
- **countryborn**: indicates the country in which the respondent was born. This is set to missing (.) if the respondent was born in the U.S.
- **countryborn\_other**: indicates the country of birth if that country is not on the drop down list of countries shown to the respondent’.
- **statereside**: 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**: the marital status of the respondent.
- **livewithpartner**: indicates whether the respondent lives with a partner.

- **education**: the highest level of education attained by the respondent.
- **hisplatin**: indicates whether the respondent identifies him or herself as being Hispanic or Latino. This variable is asked separately from race.
- **hisplatinogroup**: indicates which Hispanic or Latino group a respondent identifies him or herself with. This is set to missing (.) if the respondent does not identify him or herself as being Hispanic or Latino.
- **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 hisplatin, so an individual may identify as Hispanic or Latino, and also as a member of one or more racial groups.
- **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.
- **If\_other**: specifies other 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, If\_other).

- **employmenttype**: indicates the employment type of the respondent (employed by the government, by a private company, a nonprofit organization, or self-employed). This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.
- **workfullpart**: indicates whether the respondent works full or part-time. This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.
- **hourswork**: indicates the number of hours the respondent works per week. This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.
- **hhincome**: is 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.
- **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.
- **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.

- **hhmembergen\_#**: indicates the gender of another household member as reported by the respondent.
- **hhmemberage\_#**: indicates the age of another household member. The age is derived from the month and year of birth of the household member as reported by the respondent.
- **hhmemberrel\_#**: indicates the relationship of the respondent to the other household member as reported by the respondent.

- **hhmemberuasid\_#**: is the 'uasid' of the other 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'.
- **lastmyhh\_date**: the date on which the demographics variables were collected through the 'My Household' survey.

In addition, 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 Micropolitan 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 set available on request.

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## 5 MISSING DATA CONVENTIONS

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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.

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## 6 ROUTING SYNTAX

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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.



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## 7 SURVEY WITH ROUTING

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Start of section **Preload**

/\* Respondents are asked a series of questions about food insecurity depending on the preloaded value of randomizer\_timeframe with values:

- o 1 Receive food insecurity every 30 days. Questions are asked.
- o 2 Receive food insecurity every 12 months. Questions are not asked.

\*/

```
IF randomizer_timeframe = EMPTY THEN
| randomizer_timeframe := getTimeFrame()
END OF IF
```

Fill code of question FLIntro executed

**maintro** (Section Insecurity)

This survey covers several unrelated topics. Some of the questions in the survey may seem similar to other questions. Thank you for your patience in answering them to the best of your ability.

Also, some of these questions may apply to you more than others, including some you may have answered recently, as they are part of a monthly series. As always, we appreciate your answers, which ensure we have the most recent information and are an important contribution to our research.

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

End of section **Preload**

Start of section **Satisfaction**

**Is\_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**

/\* Respondents are asked two versions of a pain related question per pain\_randomizer with values:

- o 1 Pain intensity, then Often plus how bad
- o 2 Often plus how bad, then pain intensity

\*/

IF pain\_randomizer = EMPTY THEN

| pain\_randomizer := mt\_rand(1,2)

END OF IF

IF pain\_randomizer = 1 THEN

| **painint** (Pain intensity rating in section Phq4)

| In the past month, how would you rate your pain on average?

| 0 0 No pain

| 1 1

| 2 2

| 3 3

| 4 4

| 5 5

| 6 6

| 7 7

| 8 8

| 9 9

| 10 10 Worst pain imaginable

ELSE

**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 IF**

#### 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

End of section **Phq4**

Start of section **Stress**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**pss\_intro** (Section Stress)

For the next questions, please now think about your feelings and thoughts during the **last month (over the last 4 weeks)**.

SUBGROUP OF QUESTIONS

**pss4\_1** (unable to control important things in section Stress)

**In the last month**, how often have you felt that you were unable to control the important things in your life?

- 1 Never
- 2 Almost never
- 3 Sometimes
- 4 Fairly often
- 5 Very often

**pss4\_2** (confident handling personal problems in section Stress)

**In the last month**, how often have you felt confident about your ability to handle your personal problems?

- 1 Never
- 2 Almost never
- 3 Sometimes
- 4 Fairly often
- 5 Very often

**pss4\_3** (felt things going your way in section Stress)

**In the last month**, how often have you felt that things were going your way?

- 1 Never
- 2 Almost never
- 3 Sometimes

- 4 Fairly often
- 5 Very often

**pss4\_4** (difficulties piling up in section Stress)

**In the last month**, how often have you felt difficulties were piling up so high that you could not overcome them?

- 1 Never
- 2 Almost never
- 3 Sometimes
- 4 Fairly often
- 5 Very often

END OF SUBGROUP

END OF GROUP

**IF pain\_randomizer = 2 THEN**

**painint** (Pain intensity rating in section Phq4)

In the past month, how would you rate your pain on average?

- 0 0 No pain
- 1 1
- 2 2
- 3 3
- 4 4
- 5 5
- 6 6
- 7 7
- 8 8
- 9 9
- 10 10 Worst pain imaginable

**ELSE**

**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 IF

End of section **Stress**

Start of section **Shocks**

last\_completed\_monthly := getLastCompletedSurvey(array(580,590))

last\_completed\_monthly\_endtime := getUASMonthlyPreload(last\_completed\_monthly, "end-time")

Fill code of question FLLastDate executed

**empl1** (change in employment status in section Shocks)

(Since December 1, 2023/Since ), has there been a change in your employment situation?

8 There was no change in my employment situation (since December 1, 2023/since )

1 I retired

2 I changed jobs

3 I was working, but now I am not working

4 I was not working, now I am working

5 I moved from full-time to part-time employment

6 I moved from part-time to full-time employment

7 There was some other change in my employment situation

IF empl1 = 7 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**empl2** (what change in employment situation in section Shocks)

Which of the following describe your change in employment situation. Select all that apply.

1 I started a business

2 I got promoted

3 I got a raise

6 I started an additional job

9 I quit one of my jobs

7 I am now on leave from work

8 Other, please specify:

**empl2\_other** (other what change in employment situation in section Shocks)

STRING

END OF GROUP

ELSEIF empl1 IN (2,3,5) THEN

IF empl1 = 2 THEN

**empl\_f2** (what best describes change in employment situation in section Shocks)

Which of the following describe your change in jobs?

1 I changed jobs with the same employer

2 I changed jobs to a different employer

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**empl3** (main reasons change in employment situation in section Shocks)

What were the main reasons for this change? Select all that apply.

1 Business closed

2 I got fired /I was laid off

3 Have more time for family /caregiving obligations

4 Moved (to a different city, region, etc.)

5 Found a job where I could work from home more days per week

6 Found job with better pay / benefits.

7 Find a better job (other reasons)

8 Retired from prior job

9 Couldn't do prior job due to health reasons

10 Needed a change

11 Other, please specify:

**empl3\_other** (other main reasons change in employment situation in section Shocks)

STRING

END OF GROUP

END OF IF

**LE\_HRS001a** (suffered serious illness in section Shocks)

(Since December 1, 2023/Since ), did you suffer the ONSET of a serious illness, were injured, or were diagnosed with a new disease? Select all that apply.

1 I fell down or was injured in an accident

2 I was assaulted

3 I experienced a heart-related event: suffered a heart attack, or was diagnosed with heart disease, angina, congestive heart failure, or other heart problems

4 I was diagnosed with cancer or a malignant tumor

5 I was diagnosed with dementia, senility or another serious memory impairment

6 I was diagnosed with diabetes

7 I contracted influenza

8 I contracted pneumonia

9 I contracted COVID-19

10 I was diagnosed with kidney disease

11 I was diagnosed with a chronic lung disease, such as chronic bronchitis or emphysema

12 I was diagnosed with arthritis, rheumatism

- 13 I was diagnosed with osteoporosis
- 14 I underwent surgery or joint replacement because of arthritis
- 15 A doctor told me that I have high blood pressure or hypertension
- 16 I contracted shingles
- 17 A doctor told me that I have an emotional, nervous, or psychiatric problem
- 18 A doctor or other health professional informed me of a sleep disorder
- 19 I contracted or was diagnosed with an illness not listed above
- 20 I did not suffer the ONSET of a serious illness or injury (since December 1, 2023/since )

**IF 19 IN LE\_HRS001a THEN**

**LE\_HRS001a\_other** (other which illnesses in section Shocks)

Please describe this illness.

STRING

**END OF IF**

**fin1** (experienced a major change in financial situation in section Shocks)

Have you experienced a major change in your financial situation (since December 1, 2023/since )?

1 Yes

2 No

**IF fin1 = 1 THEN**

**fin2** (positive change or a negative change in section Shocks)

Was this a positive change or a negative change?

1 Positive

2 Negative

**IF fin2 = 1 THEN**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**fin4** (primary reasons for positive change in section Shocks)

What were the primary reasons for this change? Select all that apply.

1 I started working, increased my work hours, or received a raise

2 A spouse, partner, or some other family member started working, increased their work hours, or received a raise

3 Higher than usual earnings from business or self-employment

4 Started receiving payments from a pension, Social Security benefits, or other government program

5 Increase in benefits from Social Security or other government program

6 Finished paying off a debt (e.g., car loan, mortgage)

7 Student or other loan payments got reduced significantly, or debt was forgiven.

8 Reduction in expenses (medical, rent, child-related expenses, etc.)

9 Sold or rented-out property

10 Received financial assistance from friends, family, or someone else outside the household



```

11 Was repaid a loan I had provided
12 Something else, please specify:

fin4_other (other primary reasons for positive change in section Shocks)
STRING

END OF GROUP
ELSEIF fin2 = 2 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

fin3 (primary reasons for negative change in section Shocks)
What were the primary reasons for this change? Select all that apply.
1 I lost a job, or faced a reduction in work hours/income
2 A spouse, partner or other family member lost a job or faced reduction in work
hours/income
3 Losses in financial investment(s) or business
4 Significant medical or dental care expenses for me or a family member
5 Home or automobile accident or repair
6 Big rent or mortgage payment increase
7 Unpaid taxes or problem with the IRS
8 Victim of financial fraud, or some other major financial transaction that was not
completely understood
9 Penalties and/or higher-than-expected interest from a loan
10 Gambling losses
11 Other increases in expenditures, such as in child or adult care,
12 New education expenditures (for instance, I or a family member started college)
13 Provided assistance to family members or friends outside the household
14 General increases in prices of goods and services
15 Other, please specify:

fin3_other (other primary reasons for negative change in section Shocks)
STRING

END OF GROUP
END OF IF
END OF IF

End of section Shocks

Start of section Insecurity

IF randomizer_timeframe = 1 THEN
reward := '4'
insecurity_begin := date("Y-m-d H:i:s")

```

**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.

Fill code of question FLTimeframe executed

Fill code of question FLTimeFrameCAPS executed

**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 indicate whether the statement was often true, sometimes true, or never true for you (in the **last 30 days**/in the **last 12 months**).

**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

**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

**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 following 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

#### 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 Cal-Fresh 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

`insecurity_end := date("Y-m-d H:i:s")`

`insecurity_time := (strtotime(insecurity_end) - strtotime(insecurity_begin))/60`

END OF IF

End of section **Insecurity**

Start of section **Finance**

**finpro** (intro financial advice in section Finance)  
The last questions ask about financial advice.

**finpro** (Ever worked with retirement financial professional in section Finance)  
Have you ever worked with a financial professional who made retirement investment recommendations, or provided advice or planning for your retirement investments?  
1 Yes  
2 No  
3 I don't have retirement investments

**IF finpro = 1 THEN**

**finpro.now** (Currently working with retirement financial professional in section Finance)  
Are you currently working with a financial professional for your retirement investments?  
1 Yes  
2 No

**END OF IF**

End of section **Finance**

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. \*/