UnderStandingAmericaStudy

UAS 382: CAREGIVER BURST CONSENT

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Fielded April 20, 2021 - July 26, 2021

Contents

1 Introduction **3**
- 1.1 Topics . . . 3
- 1.2 Experiments . . . 3
- 1.3 Citation . . . 3

2 Survey Response And Data **4**
- 2.1 Sample selection and response rate . . . 4
- 2.2 Timings . . . 4
- 2.3 Weighting . . . 5

3 Standard Variables **6**

4 Demographics **11**

5 Missing Data Conventions **19**

6 Routing Syntax **20**

7 Survey with Routing **21**
- preload . . . 21
- eligibility . . . 21
- information . . . 24
- Closing . . . 32

1 INTRODUCTION

This UAS panel survey, titled "UAS382: Caregiver Burst Consent" asks respondents whether they are interested in participating in an upcoming UAS research project that focuses on health and activities. This survey is no longer in the field. Respondents were paid $1 to complete the survey.

1.1 Topics

This survey contains questions (among others) on the following topics: Psychology, Subjective Expectations. 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. 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:

Custom selection of active English speaking respondents.

As such, this survey was made available to 1105 UAS participants. Of those 1105 participants, 1023 completed the survey and are counted as respondents. Of those who are not counted as respondents, 10 started the survey without completing and 72 did not start the survey. The overall response rate was 92.58%.

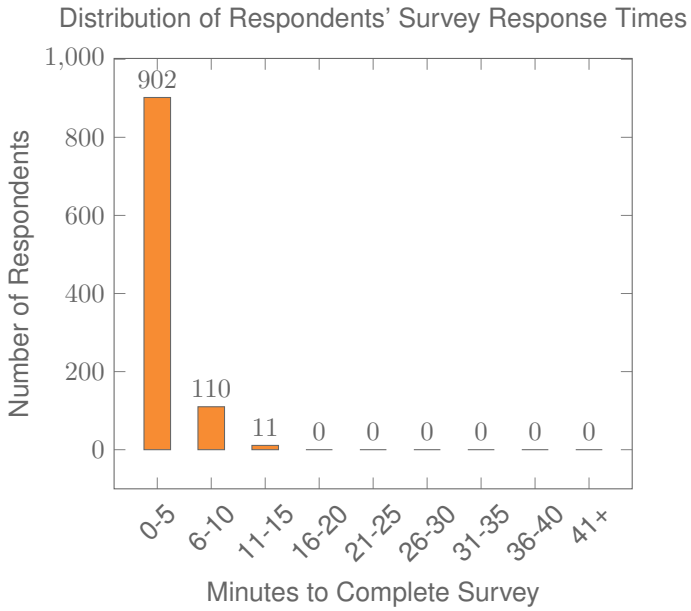
Note: We are unable to provide sample weights for a small number of UAS members (see the Sample and weighting section below for details). If they completed the survey, these members are included in the data set with a weight of zero, but accounted for in the computation of total sample size and survey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

The detailed survey response rate is as follows:

UAS382 - Response Overview	
Size of selected sample	1105
Completed the survey	1023
Started but did not complete the survey	10
Did not start the survey	72
Response rate	92.58%

2.2 Timings

The survey took respondents an average of 3 minutes, and the full distribution of survey response times is available in the figure below. Times per question are available upon request.



2.3 Weighting

Weights are not (yet) available for this survey. 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

Start of section **Preload**

/* The following variables are preloaded into the survey:

- ema_group: indicates the type of respondent in terms of caregiving with one of the following values:
  - 1 Dementia Caregiver
  - 2 Non-Dementia Caregiver
  - 3 Non-Caregiver
- caregiver_status: indicates if a respondent is providing any caregiving with one of the following values:
  - 1 Yes
  - 2 No
- burst_participant: indicates if a respondent participated in an earlier burst with one of the following values:
  - 1 Yes
  - 2 No

*/

ema_group := getEmaGroup()
caregiver_status := getCaregiver()
burst_participant := getBurstParticipant()

End of section **Preload**

Start of section **Eligibility**

el_intro (Section Eligibility)
We are launching an upcoming UAS research project that focuses on how different kinds of activities affect the mood and wellbeing of individuals throughout the day. In this survey, we will describe what is involved in joining the project, how much you would earn if you decide to join the project, and then ask if you would be interested in participating. You will earn $1 for reading about the project and deciding whether or not to participate.

IF caregiver_status = 1 THEN

> GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cg_intro (Section Eligibility)
You recently told us that you spend time assisting a family member or close friend with basic personal activities because they are unable to handle them without help.

By that we mean that you assist someone like a parent, grandparent, wife, husband, adult or minor child with special needs, other family member, neighbor or close friend, with daily activities such as dressing, eating, bathing, paying bills, managing medication, food preparation, grocery shopping, doctor visits, emotional support, driving, or other types of personal assistance.

cg001 (still providing caregiving in section Eligibility)
Are you still providing this type of assistance?
1 Yes
2 No

END OF GROUP
END OF IF

IF burst_participant != 1 THEN

smartphone (have smartphone in section Eligibility)
You may have been asked about this in other surveys, but just to to double check, do you have an Android phone or Apple iPhone or any other kind of smart phone? By smart phone we mean a phone that you can use for accessing the internet, sending email, etc. if you want to. Please select all that apply.
1 I have an Android Phone (e.g. Samsung Galaxy, Google Pixel, Motorola Droid, etc.)
2 I have an Apple iPhone
3 I have a Jitterbug, or Greatcall phone
4 I have a Windows or Blackberry or some other kind of smart phone
5 I have a cell phone that just makes calls and/or texts
6 I use a landline (or cable) phone
7 I do not have a phone

IF not(1 IN smartphone OR 2 IN smartphone) THEN

el_exit (Section Eligibility)
Thank you for answering. We are currently looking for people who would like to participate in a project that requires an Apple or Android smartphone. Please just let us know if you ever get one of those types of phones and would like to find out more about the project!

Exit the survey
END OF IF

IF 1 IN smartphone THEN

phoneplan_android (phone plan android in section Eligibility)
Which of the following types of cell phone plan do you have on your **Android phone**?
1 A contract for phone and data with a carrier such as Verizon, TMobile, Sprint, AT&T, etc. in which you are billed for the use of the phone on a monthly basis
2 Pay as you go plan, where you purchase a number of minutes in advance that are used up as you use the phone, and replenished as needed
3 Pre-paid plan, where the cell phone comes with a pre-paid number of minutes. When those minutes are used up, you can buy more, or you can stop using the phone
4 I am not sure what kind of plan I have for my Android phone

END OF IF

IF 2 IN smartphone THEN

phoneplan_apple (phone plan in section Eligibility)
Which of the following types of cell phone plan do you have on your **Apple iPhone**?
1 A contract for phone and data with a carrier such as Verizon, TMobile, Sprint, AT&T, etc. in which you are billed for the use of the phone on a monthly basis
2 Pay as you go plan, where you purchase a number of minutes in advance that are used up as you use the phone, and replenished as needed
3 Pre-paid plan, where the cell phone comes with a pre-paid number of minutes. When those minutes are used up, you can buy more, or you can stop using the phone
4 I am not sure what kind of plan I have for my Apple iPhone

END OF IF

IF 1 IN smartphone AND phoneplan_android != 1 AND not(2 IN smartphone) THEN

el_exit2 (Section Eligibility)
Thank you for answering. We are currently looking for UAS members who would like to participate in a project that requires certain types of cell phones and cell phone plans to be able to use our phone app.

Click ”Next” to return to your panel member pages.

Exit the survey

ELSEIF 2 IN smartphone AND phoneplan_apple != 1 AND not(1 IN smartphone) THEN

el_exit2 (Section Eligibility)
Thank you for answering. We are currently looking for UAS members who would like to participate in a project that requires certain types of cell phones and cell phone plans to be able to use our phone app.

Click ”Next” to return to your panel member pages.

Exit the survey

ELSEIF 1 IN smartphone AND phoneplan_android != 1 AND 2 IN smartphone AND phoneplan_apple != 1 THEN

el_exit2 (Section Eligibility)
Thank you for answering. We are currently looking for UAS members who would like to participate in a project that requires certain types of cell phones and cell phone plans to be able to use our phone app.

Click "Next" to return to your panel member pages.

Exit the survey

END OF IF
END OF IF

End of section **Eligibility**

Start of section **Information**

IF burst_participant = 1 THEN

description_uo1 (Section Information)
In general, this study is intended to help us learn more about how different kinds of activities affect the mood and wellbeing of individuals throughout the day. In particular, how active people are, how much interaction they have with others, and how they feel during the day.

This project is similar to another project that you are doing. If you also decide to participate in this project, you will answer questions on your phone, six times a day, every day for seven days. However, there is no online survey to fill out every evening, you will just answer the phone questions each day. We will make sure that you aren't scheduled for both projects at the same time.

As in the other project, you will use our UAS EMA app on your Android or Apple cell phone. Every day for seven days, the app will prompt you six random times during the day to answer a few simple survey questions on your phone. You will have an eight-minute window to respond to the prompt, and will be prompted once by text message if you miss the first prompt.

You will need to keep your phone with you, or within hearing distance, and be able to respond to one prompt every hour or two, every day of the project week.

How much time does it require? Answering the survey questions takes less than 2 minutes per prompt, six times a day, so a total of less than 12 minutes per day.

Compensation: $2 each time you answer the questions, for up to $12 per day or $84 for the week.

ELSE

description (Section Information)
In general, this study is intended to help us learn more about how different kinds of activities affect the mood and wellbeing of individuals throughout the day. In particular, how active people are, how much interaction they have with others, and how they feel during the day.

Participants in this project will answer questions on their phone, six times a day, every day for seven days.
You will download our UAS app to your Android or Apple cell phone. Every day for seven days, the app will prompt you six random times during the day to answer a few simple survey questions on your phone. You will have an eight-minute window to respond to the prompt, and will be prompted once by text message if you miss the first prompt.

You will need to keep your phone with you, or within hearing distance, and be able to respond to one prompt every hour or two, every day of the project week.

How much time does it require? Answering the survey questions takes less than 2 minutes per prompt, six times a day, so a total of less than 12 minutes per day.

Compensation: $2 each time you answer the questions, for up to $12 per day or $84 for the week.

END OF IF

consent := empty
refused := empty

/* The answer options for why a respondent refuses to participate are presented in random order with values:

- 1 No reason, I just don't want to do it
- 2 What I do for a living, or what I do all day, will not allow me to answer prompts during the day
- 3 I don't know how to download or use phone apps or I am not sure what they are
- 4 I don't want another app on my phone / I don't use apps
- 5 I don't really understand what the project is asking me to do
- 6 It will take too much time
- 7 It will be too much trouble
- 8 It doesn't pay enough
- 9 Seven days is too many / I would do it if it were fewer days
- 10 I have medical or health issues

- 11 I am concerned about privacy
- 12 I can't always get a cell or wireless connection on my phone
- 13 I don't always have my phone with me so I wouldn't know if it was beeping
- 14 Some other reason

*/

IF sizeof(whyrefused_order) = 0 THEN

whyrefused_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13))
whyrefused_order(14) := 14

END OF IF

consent1 (initial consent in section Information)
Now that you have read about what is required for this short project, are you interested in participating? Here is a reminder of what you are agreeing to do if you decide to participate:

You will have the opportunity to participate during one of the project weeks scheduled over the next few months.

You will answer questions six times a day for seven days. You will be able to set a window of time during the day, when you will be prompted to answer the questions, for example, between 9am and 5pm. Then, six times during that window each day, your phone will notify you that a survey is ready.

Each time the phone prompts you, you will have eight minutes to respond. We will remind you with a text message after 4 minutes. If you miss one, you will just do the next one. We will pay you for every prompt that you can answer.

There are 15 questions to answer during each prompt. They will ask you to quickly check in about how you are feeling and what you were doing (e.g. working, caregiving, preparing food, interacting with other people, etc.) right before your phone prompted you to respond.

Many people find that they are able to manage to answer most or all of the prompts quite easily. HOWEVER, if your work or your duties will not allow you to stop what you are doing to answer questions on your phone during the day, that is fine! But this project may not be for you. **Please think about your availability before you decide to participate.**

Do you want to participate in this project?
1 Yes, I will participate
2 No, I prefer not to participate
3 Not sure, I need more information to decide

IF consent1 = 1 THEN
consent := 1
ELSEIF consent1 = 2 THEN
consent := 2
refused := 1

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

whyrefused (why refused in section Information)
We understand and respect that you have your own reasons for not wanting to participate, and are hoping you will share those with us. Help us learn! Check all that apply, and add your own if needed.
1 No reason, I just don't want to do it
2 What I do for a living, or what I do all day, will not allow me to answer prompts during the day
3 I don't know how to download or use phone apps or I am not sure what they are
4 I don't want another app on my phone / I don't use apps
5 I don't really understand what the project is asking me to do
6 It will take too much time
7 It will be too much trouble
8 It doesn't pay enough
9 Seven days is too many / I would do it if it were fewer days
10 I have medical or health issues
11 I am concerned about privacy
12 I can't always get a cell or wireless connection on my phone
13 I don't always have my phone with me so I wouldn't know if it was beeping
14 Some other reason (write in):

whyrefused_other (other why refused in section Information)
STRING

END OF GROUP
ELSEIF consent1 = 3 THEN
moreinfo (Section Information)
Thank you for your willingness to consider participating in our study! Here are some answers to frequently asked questions.

Q: Do I have to download something to my phone? Is it safe?
A: Yes, we have created our own safe and simple phone app, which has been approved for use by Android and Apple phones. Android users download the app from Google Play Store and iPhone users from the Apple store (simply type "UAS EMA" in the search and download it). When the 7 days are over, you can remove the app from your phone.

Q: What exactly will I be doing?

A: If you decide to join this study, you will first need to verify that you can download and use the UAS EMA app on your phone. If you can, then we will contact you via email about scheduling the project week , and send you a user guide for using the phone app. Then, on the first day of the project, you log into the app using your UAS number and password.

The app will ask you to set a time window between 9am and 9pm when it is okay to beep, or buzz to notify you. Then, at six random times during that window, you will answer the questions in the app. You will have eight minutes to respond to the beep to start answering the questions.

Q: What if I can't respond to every prompt during the day?
A: We are asking you to only participate in the study if you think you will be able to answer most of the prompts each day. Of course we do not want you to answer if you are driving, or any time when it is not safe. To make sure you don't miss a prompt, you should keep the phone nearby during the day. If you don't respond, or if you can't connect, the app will send you a text message once more to remind you.

Most participants find that they are able to manage to answer the prompts quite easily. If you miss one or two, that is okay. We will pay you $2 each time you answer and fill out the questions.

HOWEVER, if your work or your duties will not allow you to answer most or all of the beeps during the day, then that is fine, this project may not be for you. **Please think about your availability carefully before you decide to participate.**

If you have any other questions about the study before you decide, please give us a call at 855-872-8673 or send an email to the UAS helpdesk: UAShelp@usc.edu

consent2 (consent after further information in section Information)
Having read more about it, are you interested in participating in this project?
1 Yes, I would like to participate
2 No, I prefer not to participate

IF consent2 = 1 THEN
  consent := 1
ELSEIF consent2 = 2 THEN
  consent := 2
  refused := 1

  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

  whyrefused (why refused in section Information)
  We understand and respect that you have your own reasons for not wanting to participate, and are hoping you will share those with us. Help us learn! Check all that

apply, and add your own if needed.
1 No reason, I just don't want to do it
2 What I do for a living, or what I do all day, will not allow me to answer prompts during the day
3 I don't know how to download or use phone apps or I am not sure what they are
4 I don't want another app on my phone / I don't use apps
5 I don't really understand what the project is asking me to do
6 It will take too much time
7 It will be too much trouble
8 It doesn't pay enough
9 Seven days is too many / I would do it if it were fewer days
10 I have medical or health issues
11 I am concerned about privacy
12 I can't always get a cell or wireless connection on my phone
13 I don't always have my phone with me so I wouldn't know if it was beeping
14 Some other reason (write in):

whyrefused_other (other why refused in section Information)
STRING

END OF GROUP
END OF IF
END OF IF

IF consent = 1 THEN
IF burst_participant != 1 THEN

download (initial download in section Information)
Thank you, we are happy that you are interested in our project! Next step is to make sure that the app works with your phone.

First of all, please get your Apple or Android phone if you don't have it with you now. If you have both an **Apple** and an **Android** phone, please get the one that you use or keep with you most often.

If you are taking this survey on your phone, that is okay, but be sure to come back to this page when you are done downloading the app, and finish the survey.

Search for the "UAS EMA" app from the Google Play Store (for Android phones) or the Apple Store (for Apple iPhones). Make sure you put a space between UAS and EMA when you are searching.

Once you find it, click on it to install it on your phone right now. You can log in.

Then, please finish filling out this survey.

If you are using your phone to take this survey, you don't need to log out. When you come back to this screen, you should be able to continue the survey.

Click "Next" to continue. Note that you will not be able to do anything with the app right now, we just need to verify that you can download it and log in.

checkapp (initial download in section Information)
How did it go? Did you find the app and install it?
1 I found and installed the UAS EMA app
2 I found the UAS EMA app but it is not available to install, or I got an error message saying it was incompatible
3 I did not find the UAS EMA app
4 I don't have my phone with me right now
5 I changed my mind and don't want to do the project

IF checkapp = 4 THEN

consent := 4

checkapp2 (Section Information)
Before we can invite you to do the project, you will need to verify that you can download the app. Please find your phone, download the UAS EMA app, and then write or call the UAS helpdesk to let us know if you were able to load the app at uashelp@usc.edu or 855-872-8673.

ELSEIF checkapp = 5 THEN

consent := 6
refused := 1

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

whyrefused (why refused in section Information)
We understand and respect that you have your own reasons for not wanting to participate, and are hoping you will share those with us. Help us learn! Check all that apply, and add your own if needed.
1 No reason, I just don't want to do it
2 What I do for a living, or what I do all day, will not allow me to answer prompts during the day
3 I don't know how to download or use phone apps or I am not sure what they are
4 I don't want another app on my phone / I don't use apps
5 I don't really understand what the project is asking me to do
6 It will take too much time
7 It will be too much trouble
8 It doesn't pay enough

9 Seven days is too many / I would do it if it were fewer days
10 I have medical or health issues
11 I am concerned about privacy
12 I can't always get a cell or wireless connection on my phone
13 I don't always have my phone with me so I wouldn't know if it was beeping
14 Some other reason (write in):

whyrefused_other (other why refused in section Information)
STRING

END OF GROUP

ELSEIF checkapp IN (2,3) THEN

consent := 3

download2 (Section Information)
Thank you for trying! It seems that you have a phone that the UAS EMA app will not work on. This happens with some types of phones, or operating systems. We very much appreciate your interest in participating in this project and if you get a different phone and want to try again, you can let us know.

ELSEIF checkapp = 1 THEN

participating (Section Information)
Thank you! We are happy that you are willing to participate and that you are able to use the UAS app. If you opened the app on your phone, you can just close it for now.

We will contact you soon about scheduling project week, and send you more information about downloading, logging into, and using the UAS EMA app. We are running one project each month, so if a week is inconvenient, you can ask to reschedule for another month.

consent := 5

END OF IF

ELSE

participating (Section Information)
Thank you! We are happy that you are willing to participate and that you are able to use the UAS app. If you opened the app on your phone, you can just close it for now.

We will contact you soon about scheduling project week, and send you more information about downloading, logging into, and using the UAS EMA app. We are running one project each month, so if a week is inconvenient, you can ask to reschedule for another month.

END OF IF

END OF IF

End of section **Information**

Start of section **Closing**

CS_003 (comments in section Closing)
Do you have any comments on the interview? 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. */