UnderStandingAmericaStudy

UAS 701: MONTHLY PANEL SURVEY MARCH 2025

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1 INTRODUCTION

This UAS panel survey, titled ”UAS 701: Monthly Panel Survey March 2025”, is the next in a series of full-panel monthly surveys covering topics in several domains: life satisfaction, pain and mental health (loneliness, PHQ4 depression and anxiety, PSS4 Stress, PROMIS measures of anger, meaning and purpose, positive affect, and cognitive functioning). Also tracked are employment, health, and financial shocks, as well as extreme climate events. This survey is no longer in the field. Respondents were paid $4 to complete the survey.
A longitudinal data file of all UAS Monthly Panel Surveys is available for download from https://uasdata.usc.edu/page/UAS+Monthly+Surveys.

1.1 Topics

This survey contains questions (among others) on the following topics: Health, Income, Subjective Well-being. 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:

All active respondents.

As such, this survey was made available to 14075 UAS participants. Of those 14075 participants, 9640 completed the survey and are counted as respondents. Of those who are not counted as respondents, 82 started the survey without completing and 4353 did not start the survey. The overall response rate was 68.49%.

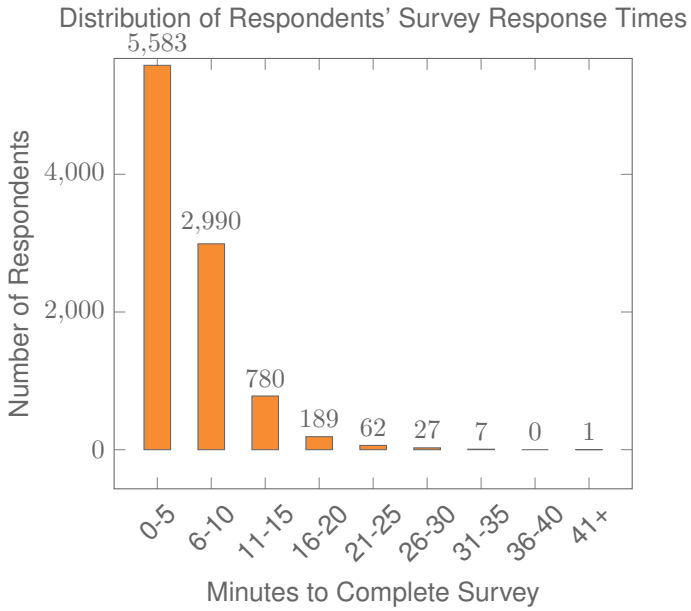
Note: We are unable to provide sample weights for a small number of UAS members (see the Sample and weighting section below for details). If they completed the survey, these members are included in the data set with a weight of zero, but accounted for in the computation of total sample size and survey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

The detailed survey response rate is as follows:

UAS701 - Response Overview	
Size of selected sample	14075
Completed the survey	9640
Started but did not complete the survey	82
Did not start the survey	4353
Response rate	68.49%

2.2 Timings

The survey took respondents an average of 6 minutes, and the full distribution of survey response times is available in the figure below. Times per question are available upon request.



2.3 Sample & Weighting

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

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

3 STANDARD VARIABLES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

    1. None
    2. Tablet (includes Internet)

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

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

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

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

4 DEMOGRAPHICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

5 MISSING DATA CONVENTIONS

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

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

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

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

6 ROUTING SYNTAX

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

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

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

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

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

7 SURVEY WITH ROUTING

Start of section **Preload**

Fill code of question FLIntro executed

maintro (Section Base)
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()
Fill code of question FLLastMonthText executed
last_completed_monthly := getLastCompletedSurvey(array(580,590,592,598,599,615,618,622,625,636,641,654,663,670,681,685))

IF last_completed_monthly = RESPONSE THEN
last_completed_monthly_endtime := getUASMonthlyPreload(last_completed_monthly, ”endtime”)
last_completed_empl1 := getUASMonthlyPreload(last_completed_monthly, ”empl1”)
last_completed_monthly_lastendtime := getDateString(last_completed_monthly_endtime)
last_completed_monthly_lastdate := getDateStringLastDate(getUASMonthlyPreload(last_completed_monthly, ”FLLastDate”))
END OF IF

Fill code of question FLLastDate executed
Fill code of question FLLastDateLower executed
Fill code of question FLLastDateOnly executed
last_completed_climate := getLastCompletedSurvey(array(618,636,641,654,663,670,681,685))

IF last_completed_climate = RESPONSE THEN
last_completed_climate_endtime := getUASMonthlyPreload(last_completed_climate, ”endtime”)
END OF IF

Fill code of question FLLastDateClimate executed
Fill code of question FLLastDateClimateLower executed

Fill code of question FLLastDateClimateOnly executed
last_completed_death := getLastCompletedSurvey(array(663,670,681,685))

IF last_completed_death = RESPONSE THEN
  last_completed_death_endtime := getUASMonthlyPreload(last_completed_death, "endtime")
END OF IF

Fill code of question FLLastDateDeath executed
Fill code of question FLLastDateDeathLower executed
Fill code of question FLLastDateDeathOnly executed
Fill code of question FLLastDateHealth executed

End of section **Preload**

Start of section **Satisfaction**

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

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

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

brfss_lonely (how often feel lonely in section Satisfaction)
How often do you feel lonely? Would you say...
1 Always
2 Usually
3 Sometimes
4 Rarely
5 Never

End of section **Satisfaction**

Start of section **Phq4**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

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

SUBGROUP OF QUESTIONS

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

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

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

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

END OF SUBGROUP

END OF GROUP

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

IF LE_HRS_p1 = 1 THEN

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

END OF IF

End of section **Phq4**

Start of section **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

End of section **Stress**

/* The NIH Patient-Reported Outcomes Measurement Information System (PROMIS) initiative has developed publicly available self-report instruments for various health-related constructs, including mental health domains (see https://www.healthmeasures.net/explore-measurement-systems/promis). PROMIS instruments were developed using item response theory (IRT) methods and are organized as item banks. An item bank is a repository of items that all measure the same construct and that were all calibrated on the same metric, which enables item administration using computer adaptive testing (CAT). Rather than administering the same fixed set of items to each respondent, CAT uses a respondent's prior item responses to determine which item from the larger item bank to administer next, which helps improve measurement precision.

The PROMIS item banks for the four domains administered in this survey (anger, positive affect, meaning and purpose, perceived cognitive functioning) consist of 22 (anger), 34 (positive affect), 37 (meaning and purpose) and 32 (perceived cognitive functioning) items, respectively. Each item bank has been calibrated to a normative sample representing the general US population with a 2-parameter logistic (2-PL) model for ordered categorical data (a graded response model). Scores are given as "theta" and "T-score" values. Theta values have an approximate mean of 0 and SD of 1 in the general population. T-scores have an approximate mean of 50 and SD of 10 in the general population.

For each respondent and domain, the CAT was initialized (i.e., the first item selected) using a starting theta value of 0. Following the respondents' answer to the first item, the theta value was updated (estimated using expected a posteriori [EAP] scoring) and subsequent items were adaptively selected using the maximum posterior weighted information (MPWI)

criterion. CAT item administration stopped after 3 items were administered per domain and respondent.

The dataset contains 3 theta values and 3 T-scores per respondent and domain for anger, positive affect, and meaning and purpose. The first two represent interim values estimated after a respondent's answers to the first and second item and these should be used only for methodological research purposes. The final scores resulting from the CAT administration are domainthetas_3_ and domainthetas_tscore_3_. Higher scores on these variables represent higher levels of anger, of positive affect, and of meaning and purpose, respectively. Variables representing the standard errors of the estimated theta values and T-scores (domainthetas_3_se and domainthetas_tscore_3_se) are provided, as well.

For the perceived cognitive functioning domain there are 4 theta values and 4 T-scores per respondent (note: some respondents are asked only 3 items if the resulting score meets the precision treshold). The final scores resulting from the CAT administration are cognitivethetas_final and cognitivethetas_tscore_final. Like for the other domains, higher scores on these variables represent higher levels of perceived cognitive functioning. Variables representing the standard errors of the estimated theta values and T-scores (cognitivethetas_se_final and cognitivethetas_se_tscore_final) are provided as well.

The specific questions that are asked of each respondent are captured in the domainorder_1_ to domainorder_3_ variables. These take the following values:

- Anger:
  - 1 In the past 7 days: When I was frustrated, I let it show
  - 2 In the past 7 days: I was irritated more than people knew
  - 3 In the past 7 days: I felt envious of others
  - 4 In the past 7 days: I disagreed with people
  - 5 In the past 7 days: I felt angry
  - 6 In the past 7 days: When I was mad at someone, I gave them the silent treatment
  - 7 In the past 7 days: I felt like breaking things
  - 8 In the past 7 days: I felt like I was ready to explode
  - 9 In the past 7 days: When I was angry, I sulked
  - 10 In the past 7 days: I felt resentful when I didn't get my way
  - 11 In the past 7 days: I felt guilty about my anger
  - 12 In the past 7 days: I felt bitter about things
  - 13 In the past 7 days: I felt that people were trying to anger me
  - 14 In the past 7 days: I held grudges towards others
  - 15 In the past 7 days: I was grouchy

    - 16 In the past 7 days: I was stubborn with others
    - 17 In the past 7 days: I felt annoyed
    - 18 In the past 7 days: I had a bad temper
    - 19 In the past 7 days: I had trouble controlling my temper
    - 20 In the past 7 days: I felt like I needed help for my anger
    - 21 In the past 7 days: I felt like yelling at someone
    - 22 In the past 7 days: Just being around people irritated me
  - Positive affect:
    - 1 In the past 7 days: I felt cheerful.
    - 2 In the past 7 days: I felt proud.
    - 3 In the past 7 days: I felt lively.
    - 4 In the past 7 days: I felt at ease.
    - 5 In the past 7 days: I felt enthusiastic.
    - 6 In the past 7 days: I felt determined.
    - 7 In the past 7 days: I felt interested.
    - 8 In the past 7 days: I felt confident.
    - 9 In the past 7 days: I felt able to concentrate.
    - 10 In the past 7 days: I was thinking creatively.
    - 11 In the past 7 days: I liked myself.
    - 12 In the past 7 days: I felt attentive.
    - 13 In the past 7 days: My future looked good.
    - 14 In the past 7 days: I smiled and laughed a lot.
    - 15 In the past 7 days: I felt peaceful.
    - 16 In the past 7 days: I was able to reach down deep into myself for comfort.
    - 17 In the past 7 days: I felt a sense of harmony within myself.
    - 18 In the past 7 days: I generally enjoyed the things I did.
    - 19 In the past 7 days: I felt lighthearted.
    - 20 In the past 7 days: I felt satisfied.
    - 21 In the past 7 days: I felt good-natured.
    - 22 In the past 7 days: I felt useful.
    - 23 In the past 7 days: I felt relaxed.
    - 24 In the past 7 days: I felt optimistic.
    - 25 In the past 7 days: I felt interested in other people.
    - 26 In the past 7 days: I felt understood.

    - 27 In the past 7 days: I felt grateful.
    - 28 In the past 7 days: I felt content.
    - 29 In the past 7 days: I felt delighted.
    - 30 In the past 7 days: I felt inspired.
    - 31 In the past 7 days: I felt fearless.
    - 32 In the past 7 days: I felt happy.
    - 33 In the past 7 days: I felt joyful.
    - 34 In the past 7 days: I felt excited.
- Meaning and purpose:
    - 1 I understand my life's meaning.
    - 2 My life has a clear sense of purpose.
    - 3 I have a good sense of what makes my life meaningful.
    - 4 I have discovered a satisfying life purpose.
    - 5 I generally feel that what I do in my life is valuable and worthwhile.
    - 6 My daily life is full of things that are interesting to me.
    - 7 To me, the things I do are all worthwhile.
    - 8 I value my activities a lot.
    - 9 I have lots of reasons for living.
    - 10 I have very clear goals and aims for my life.
    - 11 I understand the world around me.
    - 12 I realize my life has a great deal of personal meaning to me.
    - 13 My life as a whole has meaning.
    - 14 My life makes sense to me.
    - 15 I have a reason for living.
    - 16 My life has been productive.
    - 17 I feel a sense of purpose in my life.
    - 18 I can make sense of my existence.
    - 19 My life has value.
    - 20 I understand that there is a reason for my life.
    - 21 My life has meaning.
    - 22 The things I do in my life are of significance.
    - 23 I can make sense of my life.
    - 24 My life has significance.
    - 25 The things I do in my life are of value.

- 26 I have a clear understanding of what life is about.
- 27 I have a clear sense of direction in life.
- 28 I feel that my life has meaning.
- 29 My life is fulfilling.
- 30 My life matters.
- 31 I can understand my life.
- 32 I experience deep fulfillment in my life.
- 33 Thinking about my life, I am positive about my future.
- 34 Thinking about my life, I know where I am going in life.
- 35 Thinking about my life, I can reach my goals in life.
- 36 Thinking about my life, my life is filled with meaning.
- 37 Thinking about my life, my life has purpose.

○ Cognitive functioning:

- 1 In the past 7 days: I have had trouble forming thoughts. Answers to this question are stored in variable cognitivequestion_1_.
- 3 In the past 7 days: My thinking has been foggy. Answers to this question are stored in variable cognitivequestion_2_.
- 4 In the past 7 days: I have had trouble adding or subtracting numbers in my head. Answers to this question are stored in variable cognitivequestion_3_.
- 5 In the past 7 days: I have made mistakes when writing down phone numbers. Answers to this question are stored in variable cognitivequestion_4_.
- 6 In the past 7 days: I have had trouble concentrating. Answers to this question are stored in variable cognitivequestion_5_.
- 7 In the past 7 days: I have had trouble finding my way to a familiar place. Answers to this question are stored in variable cognitivequestion_6_.
- 8 In the past 7 days: I have had trouble remembering where I put things, like my keys or my wallet. Answers to this question are stored in variable cognitivequestion_7_.
- 9 In the past 7 days: I have had trouble remembering whether I did things I was supposed to do, like taking a medicine or buying something I needed. Answers to this question are stored in variable cognitivequestion_8_.
- 10 In the past 7 days: I have had trouble remembering new information, like phone numbers or simple instructions. Answers to this question are stored in variable cognitivequestion_9_.
- 11 In the past 7 days: I have had trouble recalling the name of an object while talking to someone. Answers to this question are stored in variable cognitivequestion_10_.

- 12 In the past 7 days: I have had trouble speaking fluently. Answers to this question are stored in variable cognitivequestion_11_.
- 13 In the past 7 days: I have walked into a room and forgotten what I meant to get or do there. Answers to this question are stored in variable cognitivequestion_12_.
- 14 In the past 7 days: I have needed medical instructions repeated because I could not keep them straight. Answers to this question are stored in variable cognitivequestion_13_.
- 15 In the past 7 days: I have had to work really hard to pay attention or I would make a mistake. Answers to this question are stored in variable cognitivequestion_14_.
- 16 In the past 7 days: I have forgotten names of people soon after being introduced. Answers to this question are stored in variable cognitivequestion_15_.
- 17 In the past 7 days: My reactions in everyday situations have been slow. Answers to this question are stored in variable cognitivequestion_16_.
- 18 In the past 7 days: Other people have told me I seemed to have trouble remembering information. Answers to this question are stored in variable cognitivequestion_17_.
- 19 In the past 7 days: It has seemed like my brain was not working as well as usual. Answers to this question are stored in variable cognitivequestion_18_.
- 20 In the past 7 days: I have had to work harder than usual to keep track of what I was doing. Answers to this question are stored in variable cognitivequestion_19_.
- 21 In the past 7 days: My thinking has been slower than usual. Answers to this question are stored in variable cognitivequestion_20_.
- 22 In the past 7 days: I have had to work harder than usual to express myself clearly. Answers to this question are stored in variable cognitivequestion_21_.
- 23 In the past 7 days: I have had to use written lists more often than usual so I would not forget things. Answers to this question are stored in variable cognitivequestion_22_.
- 24 In the past 7 days: I have had trouble keeping track of what I was doing when interrupted. Answers to this question are stored in variable cognitivequestion_23_.
- 25 In the past 7 days: I have had trouble shifting back and forth between different activities that require thinking. Answers to this question are stored in variable cognitivequestion_24_.
- 26 In the past 7 days: I have hidden my problems with memory, concentration, or making mental mistakes so that others would not notice. Answers to this question are stored in variable cognitivequestion_25_.
- 27 In the past 7 days: I have been upset about my problems with memory, concentration, or making mental mistakes. Answers to this question are stored in variable cognitivequestion_26_.

- 30 In the past 7 days: My problems with memory, concentration, or making mental mistakes have interfered with the quality of my life. Answers to this question are stored in variable cognitivequestion_27_.
- 31 In the past 7 days: I have had difficulty multi-tasking. Answers to this question are stored in variable cognitivequestion_28_.

*/

Start of section **Positive**

positive_intro (Section Positive)
The next questions ask how you have been feeling or responding lately.

Note: For technical reasons, there will be no ”Back” button. Please just select your answer and click ”Next” to continue.

End of section **Positive**

End of section **Anger**

Start of section **Meaning**

End of section **Meaning**

Start of section **Cognitive**

End of section **Cognitive**

Start of section **Shocks**

IF last_completed_monthly = RESPONSE THEN
IF last_completed_monthly $>$ 580 AND last_completed_empl1 = RESPONSE AND last_completed_empl1 $<$ 8 THEN
empl0 (Section Shocks)
Last time you completed this survey, you answered that you **had (last completed survey change in employment status())** between (last completed monthly survey last date()) and (last completed monthly survey last endtime string()).

The following question will ask about **additional changes** that may have happened since then.
END OF IF
END OF IF

empl1 (change in employment status in section Shocks)
(Since ˆFLLastMonthText 1, 2025/Since), has there been a change in your employment situation?
8 There was no change in my employment situation (since ˆFLLastMonthText 1, 2025/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

IF empl1 $<$ 8 THEN
IF empl_when_year = EMPTY THEN
empl_when_year := 2025
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

empl_when_month (date of employment change in section Shocks)
When did this change occur? If you aren't sure of the exact date, just your best guess will do.
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

empl_when_day (day of employment change in section Shocks)
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
14 14
15 15
16 16
17 17
18 18
19 19
20 20
21 21
22 22
23 23
24 24
25 25
26 26
27 27
28 28
29 29
30 30
31 31

empl_when_year (year of employment change in section Shocks)
2023 2023
2024 2024
2025 2025

empl_when_before (employment change before last date in section Shocks)
OR
1 This change happened **before** (^FLLastMonthText 1, 2025/). There has been no change in my employment situation (since ^FLLastMonthText 1, 2025/since)

empl_when_script (Section Shocks)
Please select the year and month (and optionally the day) or check the ”This change happened before...” box Or click ”Next” to continue.

END OF GROUP

END OF IF

LE_HRS001a (suffered serious illness in section Shocks)
(Since ^FLLastMonthText 1, 2025/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 ^FLLastMonthText 1, 2025/since)

IF 19 IN LE_HRS001a THEN
  LE_HRS001a_other (other which illnesses in section Shocks)
  Please describe this illness.
  STRING
END OF IF

IF LE_HRS001a $<$ 20 THEN
  IF LE_HRS001_when_year = EMPTY THEN
    LE_HRS001_when_year := 2025
  END OF IF

  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

  LE_HRS001_when_month (month of illness in section Shocks)
  When did this illness, injury or diagnosis happened? If you aren't sure of the exact date, just your best guess will do.

1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

LE_HRS001_when_day (day of illness in section Shocks)
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
14 14
15 15
16 16
17 17
18 18
19 19
20 20
21 21
22 22
23 23
24 24
25 25
26 26
27 27
28 28
29 29
30 30

31 31

LE_HRS001_when_year (year of illness in section Shocks)
2023 2023
2024 2024
2025 2025

LE_HRS001_when_before (illness before last date in section Shocks)
OR
1 This illness, injury, or diagnosis happened **before** (^FLLastMonthText 1, 2025/). There has been no new illness, injury or diagnosis (since ^FLLastMonthText 1, 2025/since)

LE_HRS001_when_script (Section Shocks)
Please select the year and month (and optionally the day) or check the "This illness, injury, or diagnosis happened before..." box Or click "Next" to continue.

END OF GROUP
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 ^FLLastMonthText 1, 2025/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

IF fin1_when_year = EMPTY THEN

fin1_when_year := 2025

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

fin1_when_month (date of financial change in section Shocks)
When did this major change in your financial situation happen? If you aren't sure of the exact date, just your best guess will do.
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

fin1_when_day (day of financial change in section Shocks)
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
14 14
15 15
16 16
17 17
18 18
19 19
20 20
21 21
22 22
23 23
24 24

25 25
26 26
27 27
28 28
29 29
30 30
31 31

fin1_when_year (year of financial change in section Shocks)
2023 2023
2024 2024
2025 2025

fin1_when_before (financial change before last date in section Shocks)
OR
1 This change in my financial situation happened **before** (^FLLastMonthText 1, 2025/).
There has been no major change in my financial situation (since ^FLLastMonthText 1, 2025/since)

fin1_when_script (Section Shocks)
Please select the year and month (and optionally the day) or check the "This financial change happened before..." box Or click "Next" to continue.

END OF GROUP
END OF IF

death (death experience in section Shocks)
Have you experienced the death of a close family member or friend (since ^FLLastMonthText 1, 2025/since)?
1 Yes
2 No

IF death = 1 THEN
IF death_when_year = EMPTY THEN
death_when_year := 2025
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

death_when_month (date of death in section Shocks)
When did this person pass away? If you aren't sure of the exact date, just your best guess will do.
1 January
2 February

3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

death_when_day (day of death in section Shocks)
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
14 14
15 15
16 16
17 17
18 18
19 19
20 20
21 21
22 22
23 23
24 24
25 25
26 26
27 27
28 28
29 29
30 30
31 31

death_when_year (year of death in section Shocks)

2023 2023
2024 2024
2025 2025

death_when_before (death before last date in section Shocks)
OR
1 This person died **before** (^FLLastMonthText 1, 2025)

death_when_script (Section Shocks)
Please select the year and month (and optionally the day) or check the "This person died before..." box Or click "Next" to continue.

END OF GROUP

IF death_when_before = EMPTY THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

death_who (relationship with the deceased in section Shocks)
What was your relationship with the person who passed away? Were they your:
1 Spouse
2 Parent
3 Child
4 Sibling
5 Best friend
6 Other relative
7 Other close friend
8 Other, please specify:

death_who_other (other relationship with the deceased in section Shocks)
STRING

END OF GROUP
END OF IF
END OF IF

End of section **Shocks**

Start of section **Climate**

FL30daysago := getDateString(date("Y-m-d H:i:s", strtotime("-30 days")))
climate_begin := date("Y-m-d H:i:s")
previous_clim001 := getUASMonthlyPreload(last_completed_climate, "clim001")
previous_experience := '2'

IF previous_clim001 = 1 THEN

previous_experience := ’1’
END OF IF

IF previous_experience = 1 THEN
clim_intro2 (Section Climate)
When you completed a similar survey on (ˆFLLastMonthText 1, 2025), you answered that you had experienced an extreme weather event. The next questions ask about any additional weather events that may have happened since that date.
ELSE
clim_intro (Section Climate)
The next questions ask about events that may have occurred since (ˆFLLastMonthText 1, 2025/the last time you answered similar questions on).
END OF IF

clim001 (experience any extreme weather events in section Climate)
(Since ˆFLLastMonthText 1, 2025/Since), did you experience any extreme weather events (for example, extreme heat or cold, severe storm, winter storm, smoke from wildfire) or natural disaster (for example, hurricane, tornado, tropical storm, wildfire, earthquake, landslide or mudslide, drought, flood, volcanic eruption, tsunami)?
1 Yes
2 No

IF clim001 = 1 THEN
control_group := ’2’
clim_recent := ’1’

/* The answer options in clim002 are presented in random order per variables clim002_order with values:

- 1 Extreme heat
- 2 Extreme cold
- 3 Severe storm (including high winds, hail, heavy rain, lightning, thunder
- 4 Smoke from wildfire
- 5 Hurricane
- 6 Tornado
- 7 Tropical storm
- 8 Wildfire
- 9 Earthquake

- 10 Landslide or mudslide
- 11 Drought
- 12 Flood
- 13 Volcanic Eruption
- 14 Tsunami
- 15 Other
- 16 Winter storm

Note: the 'Other' option is always presented last. */

IF sizeof(clim002_order) = 0 THEN

clim002_order := array(1 →1, 2→2, 3 →3, 4 →16, 5 →4, 6 →5, 7 →6, 8 →7, 9 →8, 10 →9, 11 →10, 12 →11, 13 →12, 14 →13, 15 →14, 16 →15)

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

clim002 (extreme weather events or natural disasters experience in section Climate)
Which of the following extreme weather events or natural disasters did you experience (since ^FLLastMonthText 1, 2025/since)? Check all that apply.
1 Extreme heat
2 Extreme cold
3 Severe storm (including high winds, hail, heavy rain, lightning, thunder)
4 Smoke from wildfire
5 Hurricane
6 Tornado
7 Tropical storm
8 Wildfire
9 Earthquake
10 Landslide or mudslide
11 Drought
12 Flood
13 Volcanic Eruption
14 Tsunami
15 Other, please specify:
16 Winter storm

clim002_other (other extreme weather events or natural disasters experience in section Climate)
STRING

END OF GROUP

clim003 (any negative consequences extreme weather event(s) or natural disaster(s) in section Climate)
Did you experience any negative consequences of the extreme weather event(s) or natural disaster(s)?
1 Yes
2 No

IF clim003 = 1 THEN
consequence_group := '1'
weather_group := '2'

/* The answer options in clim004 are presented in random order per variables clim004_order with values:

- 1 Temporary evacuation
- 2 Unable to get to work because you could not find transportation
- 3 Loss of income due to inability to work
- 4 Loss, destruction, or damage of property (including downed trees or tree limbs, flooded basement, roof leak)
- 5 Loss, destruction, damage of possessions
- 6 Health problem(s)
- 7 Unable to obtain medications when needed
- 8 Unable to obtain needed medical care from a doctor or hospital
- 9 Unable to spend time outdoors
- 10 Unable to meet essential expenses
- 11 Took on additional debt
- 12 Did not have adequate food for your family
- 13 Could not find adequate childcare
- 14 Person you know was injured or killed
- 15 Pets were injured, killed, or lost
- 16 Other

- 17 Loss of power or other utilities

Note: the 'Other' option is always presented last. */

IF sizeof(clim004_order) = 0 THEN

clim004_order := array(1 →1, 2→2, 3 →3, 4 →4, 5 →5, 6 →17, 7 →6, 8 →7, 9 →8, 10 →9, 11 →10, 12 →11, 13 →12, 14 →13, 15 →14, 16 →15, 17 →16)

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

clim004 (which negative consequences extreme weather event(s) or natural disaster(s) in section Climate)
Which of the following consequences of the extreme weather event(s) or natural disaster(s), if any, did you experience? Please check all that apply.
1 Temporary evacuation
2 Unable to get to work because you could not find transportation
3 Loss of income due to inability to work
4 Loss, destruction, or damage of property (including downed trees or tree limbs, flooded basement, roof leak)
5 Loss, destruction, damage of possessions
6 Health problem(s)
7 Unable to obtain medications when needed
8 Unable to obtain needed medical care from a doctor or hospital
9 Unable to spend time outdoors
10 Unable to meet essential expenses
11 Took on additional debt
12 Did not have adequate food for your family
13 Could not find adequate childcare
14 Person you know was injured or killed
15 Pets were injured, killed, or lost
16 Other, please specify:
17 Loss of power or other utilities

clim004_other (other which negative consequences extreme weather event(s) or natural disaster(s) in section Climate)
STRING

END OF GROUP

ELSE

consequence_group := '2'
weather_group := '1'

END OF IF

clim_last30days (climate experience in last 30 days or not in section Climate)
Did this extreme weather event occur in the **past 30 days (since ())**?
1 Yes
2 No

IF clim_last30days = 2 THEN
  clim_recent := '2'
ELSE
  IF previous_clim001 = 1 AND getDayDifference(last_completed_climate_endtime) < 31 THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

      clim_same (same extreme weather event as in previous survey in section Climate)
      To help us better understand your experiences:

      In your last survey, you reported that you experienced an extreme weather event prior to (^FLLastMonthText 1, 2025). In this survey you also reported experiencing an extreme weather event. Were these two separate extreme weather events, or are they part of the same event?

      Please choose a response:
      1 I experienced two different extreme weather events
      2 I experienced only one extreme weather event
      3 Other. Please explain:

      clim_same_other (other same extreme weather event as in previous survey in section Climate)
      STRING

    END OF GROUP

    IF clim_same = 2 THEN
      clim_recent := '4'
    ELSEIF clim_same = 3 OR clim_same = EMPTY THEN
      clim_recent := '5'
    ELSE
      clim_recent := '1'
    END OF IF
  ELSE
    clim_recent := '1'
  END OF IF
END OF IF
ELSE

```
    control_group := '1'
    consequence_group := '2'
    weather_group := '2'
    clim_recent := '3'
END OF IF

/* Respondents are asked in question fema if they received assistance from FEMA in
response to a current and/or previous extreme weather event that impacted them. This
question is only asked if respondents did not indicate yet in a previous survey that they
received such assistance. This is captured in variable previous_fema. In this survey this is
always equal to 'No', since the fema question is asked here for the first time. */

uas685_clim003 := getUASMonthlyPreload("685", "clim003")
uas681_clim003 := getUASMonthlyPreload("681", "clim003")
uas670_clim003 := getUASMonthlyPreload("670", "clim003")
uas663_clim003 := getUASMonthlyPreload("663", "clim003")
uas654_clim003 := getUASMonthlyPreload("654", "clim003")
uas641_clim003 := getUASMonthlyPreload("641", "clim003")
uas636_clim003 := getUASMonthlyPreload("636", "clim003")
uas618_clim003 := getUASMonthlyPreload("618", "clim003")
previous_negative_experience := '2'

IF uas685_clim003 = 1 THEN
    previous_negative_experience := '1'
ELSEIF uas681_clim003 = 1 THEN
    previous_negative_experience := '1'
ELSEIF uas670_clim003 = 1 THEN
    previous_negative_experience := '1'
ELSEIF uas663_clim003 = 1 THEN
    previous_negative_experience := '1'
ELSEIF uas654_clim003 = 1 THEN
    previous_negative_experience := '1'
ELSEIF uas641_clim003 = 1 THEN
    previous_negative_experience := '1'
ELSEIF uas636_clim003 = 1 THEN
    previous_negative_experience := '1'
ELSEIF uas618_clim003 = 1 THEN
    previous_negative_experience := '1'
END OF IF

previous_fema := '2'
uas685_fema := getUASMonthlyPreload("685", "fema")
```

uas681_fema := getUASMonthlyPreload(”681”, ”fema”)
uas670_fema := getUASMonthlyPreload(”670”, ”fema”)
uas663_fema := getUASMonthlyPreload(”663”, ”fema”)
uas654_fema := getUASMonthlyPreload(”654”, ”fema”)
uas641_fema := getUASMonthlyPreload(”641”, ”fema”)
uas636_fema := getUASMonthlyPreload(”636”, ”fema”)

IF uas685_fema = 1 THEN
  previous_fema := ’1’
ELSEIF uas681_fema = 1 THEN
  previous_fema := ’1’
ELSEIF uas670_fema = 1 THEN
  previous_fema := ’1’
ELSEIF uas663_fema = 1 THEN
  previous_fema := ’1’
ELSEIF uas654_fema = 1 THEN
  previous_fema := ’1’
ELSEIF uas641_fema = 1 THEN
  previous_fema := ’1’
ELSEIF uas636_fema = 1 THEN
  previous_fema := ’1’
END OF IF

IF previous_fema = 2 THEN
  IF clim003 = 1 AND previous_negative_experience = 1 THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    fema_past_and_now (receive disaster-related individual assistance in section Climate)
    On a prior survey, and again on this survey, you indicated that you experienced a consequence resulting from an extreme weather event or natural disaster.

    fema (past month receive disaster-related individual assistance in section Climate)
    Did you or anyone in your household receive disaster-related individual assistance from the Federal Emergency Management Agency (FEMA) or other agency because of this?
    1 Yes
    2 No
    3 Unsure

    END OF GROUP

ELSEIF clim003 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

IF clim_when = 2 THEN

fema_now (receive disaster-related individual assistance in section Climate)
You indicated that you experienced a consequence resulting from an extreme weather event or natural disaster (since ^FLLastMonthText 1, 2025/since).

ELSE

fema_before (receive disaster-related individual assistance in section Climate)
You indicated that you experienced a consequence resulting from an extreme weather event or natural disaster before (^FLLastMonthText 1, 2025).

END OF IF

fema (past month receive disaster-related individual assistance in section Climate)
Did you or anyone in your household receive disaster-related individual assistance from the Federal Emergency Management Agency (FEMA) or other agency because of this?
1 Yes
2 No
3 Unsure

END OF GROUP

ELSEIF previous_negative_experience = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

fema_past (receive disaster-related individual assistance in section Climate)
On a prior survey, you indicated that you experienced a consequence resulting from an extreme weather event or natural disaster.

fema (past month receive disaster-related individual assistance in section Climate)
Did you or anyone in your household receive disaster-related individual assistance from the Federal Emergency Management Agency (FEMA) or other agency because of this?
1 Yes
2 No
3 Unsure

END OF GROUP

| END OF IF
END OF IF

/* Respondents are potentially selected for answering a series of follow up questions (time001a, time001b, time001c, erq001, erq002, erq003, erq004, erq005 and erq007) depending on the answers they provide to questions clim001 (experience any extreme weather events), clim003 (any negative consequences extreme weather event(s)), clim_when (when extreme weather event occurred), clim_last30days (climate experience in last 30 days or not) and clim_recent (indicates if climate experience was in last 30 days). Specifically, based on those questions the following variables are set:

- control_group: takes a value of 1 (yes) or 2 (no). Respondents that do not say clim001 = 1, are set to 1.
- weather_group: takes a value of 1 (yes) or 2 (no). Respondents that say clim001 = 1 and clim003 != 1 are set to 1.
- consequence_group: takes a value of 1 (yes) or 2 (no). Respondents that say clim001 = 1 and clim003 = 1 are set to 1.

Whether respondents are actually selected to ask questions time001a, time001b, time001c, erq001, erq002, erq003, erq004, erq005 and erq007 is aggregated into variable ask_mechanism with values:

- 1 Consequence group ask: respondents that have consequence_group = 1 and clim_recent = 1, the number of people already asked the question series as part of the consequence group prior to the respondent answering the survey is less than 51 (per variable number_consequence_group), and respondents were not asked the question series in a previous survey (per previous_asked_mechanism).
- 2 Weather group ask: respondents that have weather_group = 1 and clim_recent = 1, the number of people already asked the question series as part of the weather group prior to the respondent answering the survey is less than 51 (per variable number_weather_group), and respondents were not asked the question series in a previous survey (per previous_asked_mechanism).
- 3 Control group ask: respondents that have consequence_group = 1 and clim_recent = 2, weather_group = 1 and clim_recent = 2 or control_group = 1, the number of people already asked the question series as part of the control group prior to the respondent answering the survey is less than 51 (per variable number_control_group), and respondents were not asked the question series in a previous survey (per previous_asked_mechanism)
- 4 Not ask: respondents that do not fall into any of the other three groups.

Lastly, if respondents are selected to be asked the question series, a set of three variables indicates whether they actually answered those questions:

- consequence_group_asked: takes a value of yes (1) if respondents selected as part of the consequence group answered the question series. Otherwise, it takes a value of 2 (no).
- weather_group_asked: takes a value of yes (1) if respondents selected as part of the weather group answered the question series. Otherwise, it takes a value of 2 (no).
- control_group_asked: takes a value of yes (1) if respondents selected as part of the control group answered the question series. Otherwise, it takes a value of 2 (no).

*/

```
number_consequence_group := getTotalNumber("consequence_group_asked")
number_weather_group := getTotalNumber("weather_group_asked")
number_control_group := getTotalNumber("control_group_asked")
ask_mechanism := '4'
uas685_ask_mechanism := getUASMonthlyPreload("685", "ask_mechanism")
uas681_ask_mechanism := getUASMonthlyPreload("681", "ask_mechanism")
uas670_ask_mechanism := getUASMonthlyPreload("670", "ask_mechanism")
uas663_ask_mechanism := getUASMonthlyPreload("663", "ask_mechanism")
uas654_ask_mechanism := getUASMonthlyPreload("654", "ask_mechanism")
uas641_ask_mechanism := getUASMonthlyPreload("641", "ask_mechanism")
uas636_ask_mechanism := getUASMonthlyPreload("636", "ask_mechanism")
previous_asked_mechanism := '2'

IF uas685_ask_mechanism IN (1,2,3) THEN
| previous_asked_mechanism := '1'
ELSEIF uas681_ask_mechanism IN (1,2,3) THEN
| previous_asked_mechanism := '1'
ELSEIF uas670_ask_mechanism IN (1,2,3) THEN
| previous_asked_mechanism := '1'
ELSEIF uas663_ask_mechanism IN (1,2,3) THEN
| previous_asked_mechanism := '1'
ELSEIF uas654_ask_mechanism IN (1,2,3) THEN
| previous_asked_mechanism := '1'
ELSEIF uas641_ask_mechanism IN (1,2,3) THEN
| previous_asked_mechanism := '1'
ELSEIF uas636_ask_mechanism IN (1,2,3) THEN
| previous_asked_mechanism := '1'
END OF IF

IF previous_asked_mechanism = 1 THEN
| ask_mechanism := '4'
```

ELSE
IF (clim_recent = 1 AND consequence_group = 1 AND number_consequence_group < 51) THEN
ask_mechanism := '1'
ELSEIF (clim_recent = 2 AND consequence_group = 1 AND number_control_group < 51) THEN
ask_mechanism := '3'
ELSEIF (clim_recent = 1 AND weather_group = 1 AND number_weather_group < 51) THEN
ask_mechanism := '2'
ELSEIF (clim_recent = 2 AND weather_group = 1 AND number_control_group < 51) THEN
ask_mechanism := '3'
ELSEIF (control_group = 1 AND number_control_group < 51) THEN
ask_mechanism := '3'
END OF IF
END OF IF

consequence_group_asked := '2'
weather_group_asked := '2'
control_group_asked := '2'

IF ask_mechanism IN (1,2,3) THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

time_intro (Section Climate)
The following questions ask how you think about time.

SUBGROUP OF QUESTIONS

time001a (how often during past week spend time thinking about present in section Climate)
How often during the past week did you spend time thinking about the present?
1 Rarely or never
2 Sometimes
3 Often
4 Most or all of the time

time001b (how often during past week spend time thinking about past in section Climate)
How often during the past week did you spend time thinking about the past?
1 Rarely or never
2 Sometimes
3 Often

4 Most or all of the time

time001c (how often during past week spend time thinking about future in section Climate)
How often during the past week did you spend time thinking about the future?
1 Rarely or never
2 Sometimes
3 Often
4 Most or all of the time

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

erq_intro (Section Climate)
We would like to ask you some questions about your emotional life, in particular, how you control (that is, regulate and manage) your emotions. The questions below involve two distinct aspects of your emotional life. One is your emotional experience, or what you feel like inside. The other is your emotional expression, or how you show your emotions in the way you talk, gesture or behave. Although some of the following questions may seem similar to one another, they differ in important ways.

SUBGROUP OF QUESTIONS

erq001 (When I want to feel more positive emotion (such as joy or amusement), I change the way I'm thinking about the situation. in section Climate)
When I want to feel more *positive* emotion (such as joy or amusement), I *change the way I'm thinking* about the situation.
1 1 Strongly disagree
2 2
3 3
4 4 Neutral
5 5
6 6
7 7 Strongly agree

erq002 (I keep my emotions to myself. in section Climate)
I keep my emotions to myself.
1 1 Strongly disagree
2 2
3 3
4 4 Neutral
5 5

6 6
7 7 Strongly agree

erq003 (When I want to feel less negative emotion (such as sadness or anger) I change the way I'm thinking about the situation. in section Climate)
When I want to feel less *negative* emotion (such as sadness or anger) I *change the way I'm thinking* about the situation.
1 1 Strongly disagree
2 2
3 3
4 4 Neutral
5 5
6 6
7 7 Strongly agree

erq004 (I control my emotions by not expressing them. in section Climate)
I control my emotions by *not expressing them*.
1 1 Strongly disagree
2 2
3 3
4 4 Neutral
5 5
6 6
7 7 Strongly agree

erq005 (I control my emotions by changing the way I think about the situation that I'm in. in section Climate)
I control my emotions by *changing the way I think* about the situation that I'm in.
1 1 Strongly disagree
2 2
3 3
4 4 Neutral
5 5
6 6
7 7 Strongly agree

erq006 (When I am feeling negative emotions, I make sure not to express them. in section Climate)
When I am feeling *negative* emotions, I make sure not to express them.
1 1 Strongly disagree
2 2
3 3
4 4 Neutral
5 5
6 6

7 7 Strongly agree

END OF SUBGROUP

END OF GROUP

IF ask_mechanism = 1 THEN
consequence_group_asked := '1'
ELSEIF ask_mechanism = 2 THEN
weather_group_asked := '1'
ELSEIF ask_mechanism = 3 THEN
control_group_asked := '1'
END OF IF
END OF IF

climate_end := date("Y-m-d H:i:s")
climate_time := (strtotime(climate_end) - strtotime(climate_begin))/60

End of section **Climate**

Start of section **Health**

he_intro (Section Health)
Next we'll ask you some questions about cold, flu, and COVID-19.

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

he001 (health symptoms in last month in section Health)
(Over the last 30 days/Since), have you experienced any of the following symptoms? Select all that apply.
1 Fever
2 Chills
3 Cough
4 Shortness of breath or difficulty breathing
5 Fatigue or feeling more tired than usual
6 Muscle or body aches
7 Headache
8 New loss of taste or smell
9 Sore throat
10 Congestion or runny nose
11 Nausea or vomiting
12 Diarrhea
13 Other, please specify:

14 None of these

he001_other (other health symptoms in last month in section Health)
STRING

END OF GROUP

IF he001 = RESPONSE AND he001 != 14 THEN

he002 (when did symptom(s) begin in section Health)
Approximately when did your symptom(s) first begin?
DATE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

he003 (health symptoms receive diagnosis in section Health)
For your symptoms, did you receive a diagnosis from a doctor's office or positive result on an at-home test for any of the following conditions? Check all that apply
1 COVID-19
2 Influenza or "the flu"
3 RSV, respiratory syncytial virus
4 Norovirus, or "the stomach flu"
5 Other, please specify:
6 None of the above

he003_other (other health symptoms receive diagnosis in section Health)
STRING

END OF GROUP

IF 2 IN he003 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

he004 (receive positive test for specific type of influenza in section Health)
Did you receive a positive test for a specific type of influenza?
1 Influenza type A
2 Influenza type B
3 Influenza type C
4 H5N1, or "Bird Flu"
5 Other, please specify:
6 None of these
7 I don't know

he004_other (other receive positive test for specific type of influenza in section Health)

| STRING

END OF GROUP
END OF IF
END OF IF

End of section **Health**

Start of section **Medicaid**

calcage:= /* Calculated age based on date of birth */

IF calcage = EMPTY THEN
calcage (calculated age in section Medicaid)
What is your current age?
NUMBER (NO DECIMALS ALLOWED)
END OF IF

IF calcage > 63 THEN
mc_intro (Section Medicaid)
The next questions ask about Medicare and medical research.

mc_enroll (currently enrolled in Medicare in section Medicaid)
Are you currently enrolled in Medicare, either Original Medicare or a Medicare Advantage Plan? (Medicare advantage plans are provided by private health insurance carriers in your area.)
1 Yes
2 No
3 Unsure

IF mc_enroll = 1 THEN
mc_1 (description Medicare coverage in section Medicaid)
Which of the following best describes your Medicare coverage:
1 Traditional Medicare without supplemental insurance/Medigap
2 Traditional Medicare with supplemental insurance/Medigap
3 HMO Medicare Advantage Plan
4 PPO Medicare Advantage Plan
5 Medicare Advantage Plan, other or unsure of plan type
6 Medicare but do not know specific type

mc_2 (doctor/healthcare provider ever talked about opportunities to participate in medical, health, and clinical research in section Medicaid)
Has a doctor/healthcare provider ever talked to you about opportunities to participate in any kind of medical, health, or clinical research?

1 Yes
2 No
3 Unsure

mc_3 (how much know about clinical trials in health research in section Medicaid)
How much, if anything, do you know about clinical trials in health research?
1 Nothing
2 A little
3 Moderate
4 A great deal

mc_4 (ever participated in a clinical trial in section Medicaid)
Clinical trials are one type of health research in which a new potential medicine or treatment is being tested.

Have you ever participated in a clinical trial?
1 Yes
2 No
3 Unsure

IF mc_4 = 1 THEN

mc_5 (when participate in clinical trial in section Medicaid)
When did you participate in a clinical trial?
1 Currently enrolled in a clinical trial
2 In the last 12 months
3 More than 1 year ago, but less than 5 years ago
4 More than 5 years ago
5 Not sure

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

mc_6 (how find out about clinical trial in section Medicaid)
How did you find out about the clinical trial? Select all that apply.
1 Your healthcare provider
2 Family/neighbors/friends
3 Mail/social media/Online health forums
4 Patient advocacy groups or disease support groups
5 Health organizations or research centers
6 ClinicalTrials.gov
7 Other, please specify:

mc_6_other (other how find out about clinical trial in section Medicaid)
STRING

END OF GROUP
END OF IF

/* Respondents are asked questions mc_7a or mc_7b per variable mc_7_random with values:

- 1 mc_7a is asked
- 2 mc_7b is asked

*/

IF mc_7_random = EMPTY THEN
mc_7_random := mt_rand(1,2)
END OF IF

IF mc_7_random = 1 THEN
mc_7a (version A how likely participate in new treatment clinical trial in section Medicaid)
Clinical trials offer many potential benefits, including the ability to contribute to medical advances by helping researchers develop new treatments that can improve the lives of future patients. Your participation in a clinical trial would provide valuable data to further medical knowledge.

If a clinical trial for a promising new treatment were available in your area, and you met the eligibility criteria, how likely would you be to participate?
1 Very likely
2 Somewhat likely
3 Neither likely nor unlikely
4 Somewhat unlikely
5 Very unlikely
ELSE
mc_7b (version B how likely participate in new treatment clinical trial in section Medicaid)
Clinical trials offer many potential benefits, including giving you access to new, innovative medical treatments not yet widely available. They can also provide you with increased medical care and monitoring and the opportunity to play an active role in managing your medical condition.

If a clinical trial for a promising new treatment were available in your area, and you met the eligibility criteria, how likely would you be to participate?
1 Very likely
2 Somewhat likely
3 Neither likely nor unlikely
4 Somewhat unlikely

5 Very unlikely
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

mc_8_intro (Section Medicaid)
Imagine you are invited to participate in a clinical trial for a health condition you have or are likely to have in the future. How likely are you to participate in the clinical trial under each of the following circumstances?

SUBGROUP OF QUESTIONS

mc_8a (If the benefits and risks of participation are clear. in section Medicaid)
If the benefits and risks of participation are clear.
1 Very Likely
2 Somewhat likely
3 Neither Likely nor unlikely
4 Somewhat unlikely
5 Very unlikely

mc_8b (If your healthcare provider encouraged you to participate. in section Medicaid)
If your healthcare provider encouraged you to participate.
1 Very Likely
2 Somewhat likely
3 Neither Likely nor unlikely
4 Somewhat unlikely
5 Very unlikely

mc_8c (If transportation costs are reimbursed. in section Medicaid)
If transportation costs are reimbursed.
1 Very Likely
2 Somewhat likely
3 Neither Likely nor unlikely
4 Somewhat unlikely
5 Very unlikely

mc_8d (If responsible for out-of-pocket costs for medical care associated with participation in clinical trial in section Medicaid)
If you are responsible for out-of-pocket costs (such as coinsurance, deductibles, copays etc.) for medical care associated with participation in the clinical trial.
1 Very Likely
2 Somewhat likely
3 Neither Likely nor unlikely
4 Somewhat unlikely

5 Very unlikely

mc_8e (If you are paid $50 for every healthcare visit, up to a maximum of $500. in section Medicaid)
If you are paid $50 for every healthcare visit, up to a maximum of $500.
1 Very Likely
2 Somewhat likely
3 Neither Likely nor unlikely
4 Somewhat unlikely
5 Very unlikely

END OF SUBGROUP

END OF GROUP
END OF IF
END OF IF

End of section **Medicaid**

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. */