UnderStandingAmericaStudy

UAS 2: WELL BEING AND NEIGHBORHOODS

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Contents

1 INTRODUCTION

This UAS panel survey, titled "UAS2: Well Being and Neighborhoods" covers such topics as satisfaction with life domains, state of well-being yesterday, neighborhood quality, and comparison of incomes with others. This survey is no longer in the field. Respondents were paid $10 to complete the survey.

Note: data files for this survey were adjusted on January 29, 2019 to remove 3 unqualified respondents who were inadvertently included in the initial data files. Please contact uas-l@usc.edu with any questions.

1.1 Topics

This survey contains questions (among others) on the following topics: Environment, Income, Subjective Well-being. A complete survey topic categorization for the UAS can be found here.

1.2 Experiments

This survey did not include any experiments. 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 7201 UAS participants. Of those 7201 participants, 6547 completed the survey and are counted as respondents. Of those who are not counted as respondents, 32 started the survey without completing and 622 did not start the survey. The overall response rate was 90.92%.
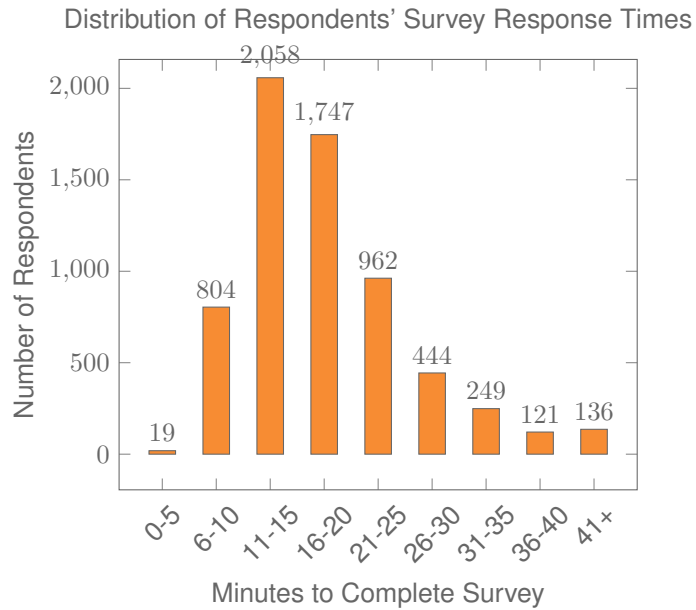
Note: We are unable to provide sample weights for a small number of UAS members (see the Sample and weighting section below for details). If they completed the survey, these members are included in the data set with a weight of zero, but accounted for in the computation of total sample size and survey response rate.%.

The detailed survey response rate is as follows:

UAS2 - Response Overview	
Size of selected sample	7201
Completed the survey	6547
Started but did not complete the survey	32
Did not start the survey	622
Response rate	90.92%

2.2 Timings

The survey took respondents an average of 19 minutes, and the full distribution of survey response times is available in the figure below. Times per question are available upon request.

Distribution of Respondents' Survey Response Times

Minutes to Complete Survey	Number of Respondents
0-5	19
6-10	804
11-15	2,058
16-20	1,747
21-25	962
26-30	444
31-35	249
36-40	121
41+	136

2.3 Sample & Weighting

Weights are included in the data set for this survey. 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. For more details on the UAS weighing procedures please refer to the UAS Weighting Procedures V1. Please contact UAS staff with any questions.

3 STANDARD VARIABLES

Each Understanding America Study data contains a series of standard variables, consisting of individual, household and sample identifiers, language indicator, time stamps and a rating by the respondent of how much he or she liked the survey:

- ○ **uasid**: the identifier of the respondent. This identifier is assigned to a respondent at recruitment and stays with the respondent throughout each and every survey he/she participates in. When analyzing data from multiple surveys, the 'uasid' can be used to merge data sets.

- ○ **uashhid**: the household identifier of the respondent. Every member is assigned a household identifier, stored in the variable 'uashhid'. For the primary respondent this identifier equals his or her 'uasid'. All other eligible members of the primary respondent's household (everyone who is 18 or older in the household) who become UAS respondents receive the 'uasid' of the primary respondent as their household identifier. The identifier 'uashhid' remains constant over time for all respondents. Thus it is always possible to find the original UAS household of an UAS panel member (even after they, for example, have moved out to form another household).

- ○ **survhhid**: uniquely identifies the household a UAS panel member belongs to in a given survey. For instance, if the primary respondent and his/her spouse are both UAS members at the time of a given survey, they both receive the same 'survhhid' identifier for that survey. If they subsequently split, they receive two different 'survhhid' in subsequent surveys. They, however, always share the same 'uashhid'. The identifier 'survhhid' is set to missing (.) if no other household members are UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart if the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, household members have different 'survhhid' reflecting different household compositions at the time they answered the survey. For instance, suppose that the primary respondent and his/her spouse are both UAS members. If the primary respondent answers the survey when he/she is living with the spouse, but the spouse answers the survey when the couple has split, they receive different 'survhhid'. Hence, the variable 'survhhid' identifies household membership of UAS panel members, at the time the respondent answers the survey. Note: in the My Household survey 'survhhid' is set to unknown (.u) for respondents who last participated in the My Household survey prior to January 21, 2015.

- ○ **uasmembers**: is the number of other household members who are also UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart 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

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 BACKGROUND DEMOGRAPHICS

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

The following variables are available in each survey data set:

○ **gender**: the gender of the respondent.

○ **dateofbirth_year**: the year of birth of the respondent.

○ **age**: the age of the respondent at the start of the survey.

○ **agerange**: if the respondent's age cannot be calculate due to missing information, 'agerange' indicates the approximate age. Should a value for both the 'age' and 'agerange' be present, then 'age' takes precedence over 'agerange'.

○ **citizenus**: indicates whether the respondent is a U.S. citizen.

○ **bornus**: indicates whether the respondent was born in the U.S.

○ **stateborn**: indicates the state in which the respondent was born. This is set to missing (.) if the respondent was not born in the U.S.

○ **countryborn**: indicates the country in which the respondent was born. This is set to missing (.) if the respondent was born in the U.S.

○ **countryborn_other**: indicates the country of birth if that country is not on the drop down list of countries shown to the respondent'.

○ **statereside**: the state in which the respondent is living.

○ **immigration_status**: indicates whether the respondent is an immigrant. It takes one of the following values: 0 Non-immigrant, 1 First generation immigrant (immigrant who migrated to the U.S), 2 Second generation immigrant (U.S.-born children of at least one foreign-born parent), 3 Third generation immigrant (U.S.-born children of at least one U.S.-born parent, where at least one grandparent is foreign-born), or 4 Unknown immigrant status.

○ **maritalstatus**: the marital status of the respondent.

○ **livewithpartner**: indicates whether the respondent lives with a partner.

- **education**: the highest level of education attained by the respondent.

- **hisplatino**: indicates whether the respondent identifies him or herself as being Hispanic or Latino. This variable is asked separately from race.

- **hisplatinogroup**: indicates which Hispanic or Latino group a respondent identifies him or herself with. This is set to missing (.) if the respondent does not identify him or herself as being Hispanic or Latino.

- **white**: indicates whether the respondent identifies him or herself as white (Caucasian).

- **black**: indicates whether the respondent identifies him or herself as black (African-American).

- **nativeamer**: indicates whether the respondent identifies him or herself as Native American (American Indian or Alaska Native).

- **asian**: indicates whether the respondent identifies him or herself as Asian (Asian-American).

- **pacific**: indicates whether the respondent identifies him or herself as Native Hawaiian or Other Pacific Islander.

- **race**: indicates the race of the respondent as singular (e.g., '1 White' or '2 Black') or as mixed (in case the respondent identifies with two or more races). The value '6 Mixed' that the respondent answered 'Yes' to at least two of the single race categories. This variable is generated based on the values of the different race variables (white, black, nativeamer, asian, pacific). This composite measure is not conditional on hisplatino, so an individual may identify as Hispanic or Latino, and also as a member of one or more racial groups.

- **working**: indicates whether the respondent is working for pay.

- **sick_leave**: indicates whether the respondent is not working because sick or on leave.

- **unemp_layoff**: indicates whether the respondent is unemployed or on lay off.

- **unemp_look**: indicates whether the respondent is unemployed and looking for a job.

- **retired**: indicates whether the respondent is retired.

- **disabled**: indicates whether the respondent has a disability.

- **lf_other**: specifies other labor force status.

- **laborstatus**: indicates the labor force status of the respondent as singular (e.g., '1 Working for pay' or '2 On sick or other leave') or as mixed (in case the respondent selects two or more labor statuses). The value '8 Mixed' indicates that the respondent answered 'Yes' to at least two of the single labor force status variables. This variable is generated based on the values of the different labor status variables (working, sick_leave, unempl_layoff, unempl_look, retired, disabled, lf_other).

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- **employmenttype**: indicates the employment type of the respondent (employed by the government, by a private company, a nonprofit organization, or self-employed). This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.

- **workfullpart**: indicates whether the respondent works full or part-time. This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.

- **hourswork**: indicates the number of hours the respondent works per week. This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.

- **hhincome**: is the total combined income of all members of the respondent's household (living in their household) during the past 12 months.

- **anyhhmember**: indicates whether there were any members in the respondent's household at the time he/she answered the survey as reported by the respondent.

- **hhmembernumber**: indicates the number of household members in the respondent's household at the time of the survey as reported by the respondent. It may be that 'anyhhmember' is 'Yes', but 'hhmembernumber' is missing if the respondent did not provide the number of household members at the time of the survey.

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

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

- **hhmembergen_#**: indicates the gender of another household member as reported by the respondent.

- **hhmemberage_#**: indicates the age of another household member. The age is derived from the month and year of birth of the household member as reported by the respondent.

- **hhmemberrel_#**: indicates the relationship of the respondent to the other household member as reported by the respondent.

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

- ○ **lastmyhh_date**: the date on which the demographics variables were collected through the 'My Household' survey.

In addition, data sets created after May 8, 2025 include an urbanicity variable. It is based on panel members' current census tract of residence and the 2010 Rural-Urban Commuting Area (RUCA) codes released by the US Department of Agriculture's Economic Research Service. To preserve confidentiality, the UAS collapses the 10 primary RUCA codes to 4 levels: Metropolitan, Micropolitan, Small/Rural, and Unknown. The Metropolitan level corresponds to primary RUCA codes 1-3, the 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 set available on request.

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

Fill code of question FLRank executed

OS_intro (INTRO ONS in section ONS)
The first part of this survey focuses on how you feel about certain aspects of your life, as well as feelings you may have experienced yesterday. You can answer all those questions on a scale from 0 to 10, where 0 means "not at all", and 10 "completely", or "very strongly".

/* The respondent is presented with the next two questions in a random order, that is captured in the **OSrand** variable. */

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

IF OSrand = 1 THEN
  OS001 (HOW SATISFIED WITH LIFE in section ONS)
  Overall, how **satisfied** are you with your life?
  0 Not at all 0
  1 1
  ...
  9 9
  10 Completely 10

  OS002 (HOW HAPPY ARE YOU in section ONS)
  Overall, how **happy** are you?
  0 Not at all 0
  1 1
  ...
  9 9
  10 Completely 10
ELSE
  OS002 (HOW HAPPY ARE YOU in section ONS)
  Overall, how **happy** are you?
  0 Not at all 0
  1 1
  ...
  9 9
  10 Completely 10

OS001 (HOW SATISFIED WITH LIFE in section ONS)
Overall, how **satisfied** are you with your life?
0 Not at all 0
1 1
...
9 9
10 Completely 10

END OF IF

OS003 (HOW SATISFIED WITH INCOME in section ONS)
Overall, how **satisfied** are you with your **income**?
0 Not at all 0
1 1
...
9 9
10 Completely 10

OS004 (HOW SATISFIED WITH HEALTH in section ONS)
Overall, how **satisfied** are you with your **health**?
0 Not at all 0
1 1
...
9 9
10 Completely 10

OS005 (HOW SATISFIED WITH HEALTH in section ONS)
Overall, how **satisfied** are you with your **job or daily activities**?
0 Not at all 0
1 1
...
9 9
10 Completely 10

OS006 (HOW SATISFIED WITH FAMILY LIFE in section ONS)
Overall, how **satisfied** are you with your **family life**?
0 Not at all 0
1 1
...
9 9
10 Completely 10

OS007 (HOW SATISFIED WITH NUMBER OF FRIENDS in section ONS)
Overall, how **satisfied** are you with **the number of friends** you have?
0 Not at all 0

1 1
...
9 9
10 Completely 10

Start of section **HBW**

/* In the following section, respondents are presented with the first three questions (HW001-HW003) in numerical order and the remaining twelve questions (HW004-HW015) are presented to the respondent in a random order. The order for each respondent is recorded in **HWsectionOrder**, a string of twelve numbers for where 1 is HW004, 2 is HW005, ... , and 12 is HW015. For example, if HWsectionOrder_1 is equal to 7, then the first question asked was HW010. */

IF HW001 = EMPTY THEN
  HW001 := '12:00 AM'

  HW002 := '12:00 AM'
END OF IF

HW001 (time woke up yesterday in section HBW)
Now we would like you to think about yesterday. What did you do **yesterday** and how did you feel?

To begin, please tell us what time you woke up **yesterday**.

HW002 (time go to sleep yesterday in section HBW)
And what time did you go to sleep **yesterday**?

HW003 (HBW 10 second delay in section HBW)
Now please take a few quiet seconds to recall your activities and experiences **yesterday**.

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Good, now we have questions about your experiences **yesterday**.

IF sizeof(HWsectionOrder) = 0 THEN

HWsectionOrder := shuffleArray(array(1 →'HW004', 2 →'HW005', 3 →'HW006', 4 → 'HW007', 5 →'HW008', 6 →'HW009', 7 →'HW010', 8 →'HW011', 9 →'HW012', 10 →'HW013', 11 →'HW014', 12 →'HW015'))

END OF IF

LOOP FROM 1 to 12

Value of question HWsectionOrder(HWcnt) asked as question

END OF LOOP

End of section **HBW**

Start of section **Neighborhood**

HD_Intro (Neighborhood intro in section Neighborhood)
We now have questions about your neighborhood. You may not always have the exact answer, but please give us your best guess. Some of the questions look very similar, so please read carefully so that you see the differences.

HD001 (RATE NEIGHBORHOOD in section Neighborhood)
On a scale of 1 to 10, how would you rate your neighborhood?
1 Worst 1
2 2
...
9 9
10 Best 10

HD002 (GROCERY OR DRUG STORE WITHIN 15 MINUTES in section Neighborhood)
The next questions ask about the area surrounding your home.

Do you have grocery stores, drug stores, both or neither within 15 minutes of your home (using any means of transportation available to you)?
1 Grocery store
2 Drug store
3 Both
4 Neither

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

HD003 (HOW DO YOU TYPICALLY GO TO GROCERY STORE in section Neighborhood)
How would you typically go to the grocery store?

1 On foot
2 By bicycle
3 By car or motor bike
4 By public transportation
5 Other: please specify:

HD003_other (HOW DO YOU TYPICALLY GO TO GROCERY STORE OTHER in section Neighborhood)
STRING

END OF GROUP

HD004 (ANY WATER WITHIN HALF A BLOCK FROM HOME in section Neighborhood)
Are there any **bodies of water, such as ponds, lakes, rivers, or the ocean** within a half block (or about 300 feet away) of your home?
1 Yes
2 No

HD005 (ANY OPEN SPACE WITHIN HALF A BLOCK FROM HOME in section Neighborhood)
Are any **open spaces, such as parks, woods, farms or ranches** within a half block (or about 300 feet away) of your home?
1 Yes
2 No

HD006 (ANY RAILROADS WITHIN HALF A BLOCK FROM HOME in section Neighborhood)
Are there any **railroads, airports, or highways with at least 4 lanes** within a half block (or about 300 feet away) of your home?
1 Yes
2 No

HD007 (ANY PARKING LOTS WITHIN HALF A BLOCK FROM HOME in section Neighborhood)
Are there any **parking lots** within a half block (or about 300 feet away) of your home?
1 Yes
2 No

HD008 (OTHER STRUCTURE TYPES WITHIN BLOCK OF YOUR HOME in section Neighborhood)
Thinking about other buildings within a half block (or about 300 feet away) of your home, are there any:
1 Single-family detached homes
2 Single-family townhouses
3 Apartment buildings

4 Manufactured or mobile homes
5 None of the above

HD009 (ANY BUSINESSES WITHIN HALF A BLOCK FROM HOME in section Neighborhood)
Are there **businesses or institutions, such as stores, restaurants, schools or hospitals** within a half block (or about 300 feet away) of your home?
1 Yes
2 No

HD010 (ANY FACTORIES WITHIN HALF A BLOCK FROM HOME in section Neighborhood)
Are there any **factories or other industrial structures** within a half block (or about 300 feet away) of your home?
1 Yes
2 No

HD011 (ANY BUILDINGS WITH METAL BARS ON THEIR WINDOWS WITHIN HALF A BLOCK FROM HOME in section Neighborhood)
Now, thinking of all the buildings that are within a half block (or about 300 feet away) of your home, do any of these buildings have metal bars on their windows?
1 Yes
2 No

HD012 (ANY BUILDINGS VANDALIZED WITHIN HALF A BLOCK FROM HOME in section Neighborhood)
Are there any **vandalized or abandoned buildings** within a half block (or about 300 feet away) of your home?
1 Yes
2 No

HD013 (ANY TRASH WITHIN HALF A BLOCK FROM HOME in section Neighborhood)
Is there **trash, litter, or junk** in the streets, roads, empty lots, or on any properties within a half block (or about 300 feet away) of your home?
1 Yes
2 No

HD014 (CONDITION OF STREETS WITHIN HALF A BLOCK in section Neighborhood)
What is the condition of the streets within a half block (or about 300 feet away) of your home? Do these streets need major repairs, minor repairs, or no repair work?
1 Major repair work
2 Minor repair work
3 No repair work
4 No streets within half a block

HD015 (STATISFYING POLICE PROTECTION IN AREA in section Neighborhood)
Do you have satisfactory police protection for this area?
1 Yes
2 No

HD016 (PEOPLE IN NEIGHBORHOOD WILLING TO HELP in section Neighborhood)
Thinking about the area you consider your neighborhood, tell us whether you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the following statements:

People in my neighborhood are **willing to help their neighbors.**
1 Strongly agree
2 Somewhat agree
3 Somewhat disagree
4 Strongly disagree

HD017 (LIVE IN CLOSE KNIT NEIGHBORHOOD in section Neighborhood)
I live in a close-knit neighborhood.
1 Strongly agree
2 Somewhat agree
3 Somewhat disagree
4 Strongly disagree

HD018 (PEOPLE IN NEIGHBORHOOD GET ALONG in section Neighborhood)
People in my neighborhood **generally get along with each other.**
1 Strongly agree
2 Somewhat agree
3 Somewhat disagree
4 Strongly disagree

HD019 (PEOPLE IN NEIGHBORHOOD SHARE SAME VALUES in section Neighborhood)
People in my neighborhood **share the same values.**
1 Strongly agree
2 Somewhat agree
3 Somewhat disagree
4 Strongly disagree

HD020 (PEOPLE IN NEIGHBORHOOD CAN BE TRUSTED in section Neighborhood)
People in my neighborhood **can be trusted**.
1 Strongly agree
2 Somewhat agree
3 Somewhat disagree
4 Strongly disagree

HD021 (HOW MANY FRIENDS WHO LIVE IN NEIGHBORHOOD in section Neighbor-

hood)
How many friends do you have who live in this neighborhood?
1 None
2 1 or 2
3 3 to 5
4 6 to 9
5 10 or more

HD022 (PAST MONTH TALKED WITH ANY NEIGHBOR FOR 10 MINUTES OR MORE in section Neighborhood)
In the past month, have you talked with any of your neighbors for 10 minutes or more?
1 Yes
2 No

End of section **Neighborhood**

Start of section **IncomeRanking**

IR001 (AVG YEARLY INCOME IN ZIP in section IncomeRanking)
What do you believe is the **average yearly household income** before taxes and other deductions for **people residing in your zip code**?
RANGE 0..9999999

IR002 (RANK INCOME IN COMPARISON WITH OTHER PEOPLE RESIDING IN ZIP in section IncomeRanking)
The following question asks you to rank your income in comparison with other people in your zip code. You can give a number between zero and one hundred. For instance, if you believe you have the highest income in the zip code you enter 100. If you believe 60% of the people have higher incomes than you (and therefore 40% have less), you enter 40, etc.

How does **your household income** rank in comparison with that of **other people residing in your zip code**?
RANGE 0..100

IR003 (HOW MUCH COMPARE YOUR INCOME TO OTHER PEOPLE RESIDING IN ZIP in section IncomeRanking)
How much do you compare your yearly household income with that of other people residing in your zip code?
0 Not at all 0
1 1
...
9 9
10 A lot 10

IR004 (AVG YEARLY INCOME IN COUNTY in section IncomeRanking)

24

What do you believe is the **average yearly household income** before taxes and other deductions for **people residing in your county**?
RANGE 0..9999999

IR005 (RANK INCOME IN COMPARISON WITH OTHER PEOPLE RESIDING IN COUNTY in section IncomeRanking)
The following question asks you to rank your income in comparison with other people in your county. You can give a number between zero and one hundred. For instance, if you believe you have the highest income in the county you enter 100. If you believe 60% of the people have higher incomes than you (and therefore 40% have less), you enter 40, etc.

How does **your household income** rank in comparison with that of **other people residing in your county**?
RANGE 0..100

IR006 (HOW MUCH COMPARE YOUR INCOME TO OTHER PEOPLE RESIDING IN COUNTY in section IncomeRanking)
How much do you compare your yearly household income with that of other people residing in your county?
0 Not at all 0
1 1
...
9 9
10 A lot 10

IR007 (CURRENTLY WORKING FOR PAY in section IncomeRanking)
Are you currently working for pay?
1 Yes
2 No

IF IR007 = 1 THEN
  IF language = 2 THEN
    IR008_spn (JOB TITLE SPN in section IncomeRanking)
    What is your current job title?
    STRING
  ELSE
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    /* Job codes provided in variable item ir008_result (current job title) and ir0016_result (job title in last job) correspond to job category listings in the Bureau of Labor Statistics Occupational Employment Statistics: https://www.bls.gov/oes/current/oes_stru.htm. Respondents typed their job titles or keywords into variable ir016_open and were provided with a list of potential matching categories from the OES list. Respondents then selected the best match, or indicated that none of the matches were valid.

IR008 (ENTER JOB TITLE in section IncomeRanking)
Please type your job title or keywords describing your job in the box. We will then

offer you some options to choose from, and you can select the job title that best describes your current position.

IR008_result (JOB TITLE in section IncomeRanking)
job title code
STRING

IR008_open (JOB TITLE OPEN in section IncomeRanking)
job title
STRING

END OF GROUP

IF IR008_result = EMPTY AND IR008_open = EMPTY THEN

IR008_emptycheck (JOB TITLE EMPTY CHECK in section IncomeRanking)
You did not choose a category that fits your job or enter a job title. Please go back to make sure that you answered the previous question.

END OF IF
END OF IF

IR009 (AVG YEARLY HH INCOME FOR PEOPLE IN YOUR OCCUPATION in section IncomeRanking)
What do you believe is the average yearly household income before taxes and other deductions for people **in the US who have the same occupation as you**?
RANGE 0..9999999

IR011 (RANK INCOME IN COMPARISON WITH OTHER PEOPLE IN OCCUPATION IN US in section IncomeRanking)
How does your household income (rank/You can give a number between zero and one hundred. For instance, if you believe you have the highest income you enter 100. If you believe 60% of the people have higher incomes than you (and hence 40% have less), you enter 40, etc.) in comparison with that of **individuals in the US who have the same occupation as you**? Please enter a number between 0 and 100.

RANGE 0..100

IR013 (HOW MUCH COMPARE YOUR INCOME TO OTHER PEOPLE IN YOUR OCCUPATION IN THE US in section IncomeRanking)
How much do you compare your yearly household income with that of other people in the US with the same occupation as you?
0 Not at all 0
1 1
...
9 9
10 A lot 10

IR010_others (PEOPLE WITH SAME OCCUPATION IN CIRCLE in section IncomeRanking)
In your circle of friends, co-workers, or acquaintances, are there any people who have the same occupation as you?
1 Yes
2 No

IF IR010_others = 1 THEN
  IR010 (AVG YEARLY HH INCOME FOR PEOPLE IN CIRCLE in section IncomeRanking)
  What would be the average yearly household income of people who have the same occupation as you **in your circle of friends, co-workers, or acquaintances**?
  RANGE 0..9999999

  IR012 (RANK INCOME IN COMPARISON WITH OTHER PEOPLE IN OCCUPATION IN CIRCLE in section IncomeRanking)
  And how does your household income (rank/You can give a number between zero and one hundred. For instance, if you believe you have the highest income you enter 100. If you believe 60% of the people have higher incomes than you (and hence 40% have less), you enter 40, etc.) in comparison with that of **individuals who have the same occupation as you in your circle of friends, co-workers, or acquaintances**?
  RANGE 0..100

  IR013a (HOW MUCH COMPARE YOUR INCOME TO OTHER PEOPLE IN YOUR OCCUPATION IN YOUR CIRCLE in section IncomeRanking)
  How much do you compare your yearly household income with that of individuals with the same occupation as you **in your circle of friends, co-workers, or acquaintance**?
  0 Not at all 0
  1 1
  ...
  9 9
  10 A lot 10
END OF IF

END OF IF

IF IR007 = 2 THEN
  IR014 (EVER WORKED FOR PAY in section IncomeRanking)
  Have you ever worked for pay?
  1 Yes
  2 No

  IF IR014 = 1 THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

      IR015_year (WHEN LAST WORK FOR PAY YEAR in section IncomeRanking)
      When did you last work for pay?
      RANGE 1900..2014

      IR015_yearsago (WHEN LAST WORK FOR PAY YEAR AGO in section IncomeRanking)
      RANGE 0..120

    END OF GROUP

    IF language = 2 THEN
      IR016_spn (LAST JOB TITLE SPN in section IncomeRanking)
      What was your job title in your last job?
      STRING
    ELSE
      GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

        IR016 (ENTER LAST JOB TITLE in section IncomeRanking)
        Please type the job title or keywords describing the last job you had in the box. We will then offer you some options to choose from, and you can select the job title that best describes your last position.

        IR016_result (LAST JOB TITLE in section IncomeRanking)
        STRING **IR016_open** (LAST JOB TITLE OPEN in section IncomeRanking)
        STRING

      END OF GROUP

    IF IR016_result = EMPTY AND IR016_open = EMPTY THEN
      IR016_emptycheck (LAST JOB TITLE EMPTY CHECK in section IncomeRanking)

You did not choose a category that fits your last job or enter a job title. Could you please go back to make sure that you answered the previous question.

END OF IF
END OF IF

IR017 (LAST JOB AVG YEARLY HH INCOME FOR PEOPLE IN YOUR OCCU-PATION in section IncomeRanking)
In your last job, what do you believe was the **average yearly household income** before taxes and other deductions for **individuals in the US with the same occupation as you**?
RANGE 0..9999999

IR019 (LAST JOB RANK INCOME IN COMPARISON WITH OTHER PEOPLE IN OCCUPATION IN US in section IncomeRanking)
How did your household income (rank/You can give a number between zero and one hundred. For instance, if you believe you have the highest income you enter 100. If you believe 60% of the people have higher incomes than you (and hence 40% have less), you enter 40, etc.) in comparison with that of **individuals in the US with the same occupation as you during your last job**? Please enter a number between 0 and 100.
RANGE 0..100

IR021 (LAST JOB HOW MUCH COMPARE YOUR INCOME TO OTHER PEO-PLE IN YOUR OCCUPATION IN THE US in section IncomeRanking)
How much did you compare your yearly household income with that of other people in the US with the same occupation as you during your last job?
0 Not at all 0
1 1
...
9 9
10 A lot 10

IR018_others (LAST JOB HAD PEOPLE WITH SAME OCCUPATION IN CIRCLE in section IncomeRanking)
In your circle of friends, co-workers, or acquaintances, were there any people with the same occupation as you at the time?
1 Yes
2 No

IF IR018_others = 1 THEN
IR018 (LAST JOB AVG YEARLY HH INCOME FOR PEOPLE IN CIRCLE in section IncomeRanking)

What was the average yearly household income of people with the same occu-

pation as you **in your circle of friends, co-workers, or acquaintances**?
RANGE 0..9999999

IR020 (LAST JOB RANK INCOME IN COMPARISON WITH OTHER PEOPLE IN OCCUPATION IN CIRCLE in section IncomeRanking)
And how did your household income (rank/You can give a number between zero and one hundred. For instance, if you believe you have the highest income you enter 100. If you believe 60% of the people have higher incomes than you (and hence 40% have less), you enter 40, etc.) in comparison with that of **individuals with the same occupation as you in your circle of friends, co-workers, or acquaintances**?
RANGE 0..100

IR021a (LAST JOB HOW MUCH COMPARE YOUR INCOME TO OTHER PEOPLE IN YOUR OCCUPATION IN CIRCLE in section IncomeRanking)
How much did you compare your yearly household income with that of individuals in your occupation **in your circle of friends, co-workers, or acquaintance**?
0 Not at all 0
1 1
...
9 9
10 A lot 10
END OF IF
END OF IF
END OF IF

IR022 (AVG YEARLY INCOME INDIVIDUALS YOUR AGE US in section IncomeRanking)
What do you believe is the **average yearly household income** before taxes and other deductions for **individuals your age in the US**?
RANGE 0..9999999

IR023 (RANK INCOME IN COMPARISON WITH INDIVIDUALS YOUR AGE IN US in section IncomeRanking)
How does **your household income** (rank/You can give a number between zero and one hundred. For instance, if you believe you have the highest income you enter 100. If you believe 60% of the people have higher incomes than you (and hence 40% have less), you enter 40, etc.) in **comparison** with that of **individuals your age in the US**?
RANGE 0..100

IR025 (LAST JOB HOW MUCH COMPARE YOUR INCOME OTHER INDIVIDUALS YOUR AGE IN US in section IncomeRanking)
How much do you compare your yearly household income with that of other individuals your age in the US?
0 Not at all 0
1 1

...
9 9
10 A lot 10

IR024 (AVG INCOME IN COMPARISON WITH CIRCLE YOUR AGE in section IncomeRanking)
What would be the average yearly household income before taxes and other deductions for people your age **in your circle of friends, co-workers, or acquaintances**?
RANGE 0..9999999

IR024a (RANK INCOME IN COMPARISON WITH INDIVIDUALS YOUR AGE IN CIRCLE in section IncomeRanking)
How does **your household income** (rank/You can give a number between zero and one hundred. For instance, if you believe you have the highest income you enter 100. If you believe 60% of the people have higher incomes than you (and hence 40% have less), you enter 40, etc.) in **comparison** with that of **individuals your age in your circle of friends, co-workers, or acquaintances**?
RANGE 0..100

IR025b (LAST JOB HOW MUCH COMPARE YOUR INCOME OTHER INDIVIDUALS YOUR AGE IN CIRCLE in section IncomeRanking)
How much do you compare your yearly household income with that of other individuals your age **in your circle of friends, co-workers, or acquaintances**?
0 Not at all 0
1 1
...
9 9
10 A lot 10

IR026 (AVG YEARLY INCOME INDIVIDUALS YOUR EDUCATION US in section IncomeRanking)
What do you believe is the **average yearly household income** before taxes and other deductions for **individuals with the same level of education as you in the US**?
RANGE 0..9999999

IR027 (RANK INCOME IN COMPARISON WITH INDIVIDUALS YOUR EDUCATION IN US in section IncomeRanking)
How does **your household income** (rank/You can give a number between zero and one hundred. For instance, if you believe you have the highest income you enter 100. If you believe 60% of the people have higher incomes than you (and hence 40% have less), you enter 40, etc.) in **comparison** with that of **individuals with the same level of education as you in the US**?
RANGE 0..100

IR029 (LAST JOB HOW MUCH COMPARE YOUR INCOME OTHER INDIVIDUALS YOUR

EDUCATION IN US in section IncomeRanking)
How much do you compare your yearly household income with that of other individuals with the same level of education as you in the US?
0 Not at all 0
1 1
...
9 9
10 A lot 10

IR028_others (ANY PEOPLE SAME EDUCATION AS YOU in section IncomeRanking)
In your circle of friends, co-workers, or acquaintances, are there any people with the same level of education as you?
1 Yes
2 No

IF IR028_others = 1 THEN

IR028 (AVG INCOME IN COMPARISON WITH CIRCLE YOUR EDUCATION in section IncomeRanking)
What would be the average yearly household income before taxes and other deductions for people with the same level of education as you **in your circle of friends, co-workers, or acquaintances**?
RANGE 0..9999999

IR027a (RANK INCOME IN COMPARISON WITH INDIVIDUALS YOUR EDUCATION IN CIRCLE in section IncomeRanking)
And how does your household income (rank/You can give a number between zero and one hundred. For instance, if you believe you have the highest income you enter 100. If you believe 60% of the people have higher incomes than you (and hence 40% have less), you enter 40, etc.) in comparison with that of individuals with the same level of education as you **in your circle of friends, co-workers, or acquaintances**?
RANGE 0..100

IR029a (LAST JOB HOW MUCH COMPARE YOUR INCOME OTHER INDIVIDUALS YOUR EDUCATION IN CIRCLE in section IncomeRanking)
How much do you compare your yearly household income with that of individuals with the same level of education as you **in your circle of friends, co-workers, or acquaintances**?
0 Not at all 0
1 1
...
9 9
10 A lot 10

END OF IF

End of section **IncomeRanking**

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 interview?
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 interview? Please type these in the box below.(If you have no comments, please click next to complete this survey.)
STRING

/* 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. */

End of section **Closing**