UnderStandingAmericaStudy

UAS 595: LA BAROMETER: MOBILITY AND SUSTAINABILITY

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1 INTRODUCTION

This UAS panel survey, titled "UAS595: LA Barometer: Mobility and Sustainability" is administration of the third wave of a quarterly surveys sponsored by Union Bank as part of the LA Barometer project. It asks respondents about their living conditions, their attitudes and habits, and their neighborhood community. Related surveys are UAS194, UAS199, UAS219, UAS286, UAS312, UAS320, UAS363, UAS379, UAS403 and UAS510. This survey is no longer in the field. Respondents were paid $12 to complete the survey.

This survey is part of the LA Barometer project. More information can be found on the LA Barometer web site.

1.1 Topics

This survey contains questions (among others) on the following topics: Consumer Behavior, Diet Lifestyle, Environment. 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 from the LA County sample.

As such, this survey was made available to 2096 UAS participants. Of those 2096 participants, 1471 completed the survey and are counted as respondents. Of those who are not counted as respondents, 28 started the survey without completing and 597 did not start the survey. The overall response rate was 70.18%.

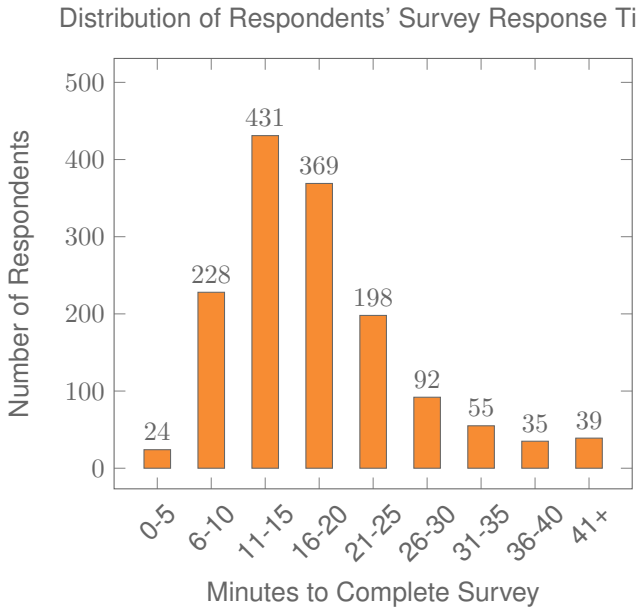
Note: We are unable to provide sample weights for a small number of UAS members (see the Sample and weighting section below for details). If they completed the survey, these members are included in the data set with a weight of zero, but accounted for in the computation of total sample size and survey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

The detailed survey response rate is as follows:

UAS595 - Response Overview	
Size of selected sample	2096
Completed the survey	1471
Started but did not complete the survey	28
Did not start the survey	597
Response rate	70.18%

2.2 Timings

The survey took respondents an average of 18 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

tr_intro (Section Usage)
This survey asks about your attitudes, habits, and living conditions in Los Angeles. Thank you for your participation in this important study about where we live.

Start of section **Preload**

/* This survey uses time frame references in the following questions:

- ht014, t015, pl001, pl005, pl006, pl007, im001, im002, im003: time frame reference takes the value of 'Since date the respondents completed the UAS510 Sustainability survey' OR 'In the past 12 months'.
- ne001a, wc001: time frame reference takes the value of 'Since date the respondents completed the UAS566 Livability survey' OR 'In the past 12 months'.

*/

```
uas510_endtime := /* preloaded end time from UAS510 */

IF uas510_endtime = RESPONSE THEN
  FLSusDate := getSpanishDate(uas510_endtime)
END OF IF

uas566_endtime := /* preloaded end time from UAS566 */

IF uas566_endtime = RESPONSE THEN
  FLLivDate := getSpanishDate(uas566_endtime)
END OF IF

preload_pu001 := /* preloaded pu001 from UAS510 */
preload_ts001_1 := /* preloaded ts001_1 from UAS566 */
preload_ts001_2 := /* preloaded ts001_2 from UAS566 */
preload_ts001_3 := /* preloaded ts001_3 from UAS566 */
preload_ts001_4 := /* preloaded ts001_4 from UAS566 */
preload_ts001_5 := /* preloaded ts001_5 from UAS566 */
preload_ts001_6 := /* preloaded ts001_6 from UAS566 */
preload_ts001_7 := /* preloaded ts001_7 from UAS566 */
preload_ts001 := '2'

IF preload_ts001_1 = 1 OR preload_ts001_2 = 1 OR preload_ts001_3 = 1 OR preload_ts001_4
= 1 OR preload_ts001_5 = 1 OR preload_ts001_6 = 1 OR preload_ts001_7 = 1 THEN
  preload_ts001 := '1'
```

END OF IF

End of section **Preload**

Start of section **Issues**

/* The answer options in I_001 are presented in random order per variables I_001_order with values:

- 1 Crime
- 2 Increasing prices/inflation
- 3 Racial injustice
- 4 Unemployment
- 5 Housing and homelessness
- 6 Terrorism
- 7 Fiscal policy (taxation, government spending and debt)
- 8 Immigration
- 9 Health/healthcare
- 10 The education system
- 11 Abortion and reproductive health
- 12 The environment and climate change
- 13 The Covid-19 pandemic
- 14 The international situation
- 15 Public transportation/infrastructure
- 16 Other

*/

IF sizeof(i_001_order) = 0 THEN
  i_001_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13, 14 →14, 15 →15, 16 →16))
  i_001_order(17) := 17
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

i_001 (most important issues country in section Issues)
What do you think are the **two** most important issues facing Los Angeles County at the moment?
1 Crime
2 Increasing prices/inflation
3 Racial injustice
4 Unemployment
5 Housing affordability and availability
6 Homelessness
7 Terrorism
8 Fiscal policy (taxation, government spending and debt)
9 Immigration
10 Health/healthcare
11 The education system
12 Abortion and reproductive health
13 The environment and climate change
14 The Covid-19 pandemic
15 The international situation
16 Public transportation/infrastructure
17 Other, please specify:

i_001_other (other most important issues country in section Issues)
STRING

END OF GROUP

End of section **Issues**

Start of section **Usage**

tr_intro2 (Section Usage)
We would like to learn more about how you travel to and from places in Los Angeles County and how you feel about the transportation modes available to you.

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr001 (modes of transportation in last year in section Usage)
Over the last year, what modes of transportation did you use to go to places (like work, the grocery store, daycare, medical appointments, restaurants, parks, the airport, etc.) in or around Los Angeles County? **Please check all that apply.**

Be sure to include transportation modes that you used in combination with one another. For example, if your commute to work typically involves a 10-minute walk to the bus stop, a 20-minute bus ride, and a 10-minute electric scooter ride to your workplace, you would check options that contain ”public transportation,” ”walk,” and ”electric scooter”

below.

When thinking about the modes of transportation that you used for different trips, **please exclude any trips that you made to transport people or goods for pay** (for example, trips made as an Uber, Lyft, or taxi driver, a food or freight delivery driver, etc.).
1 Private vehicle (car, van, carpool, truck, SUV) - as driver or passenger
2 Ride-hailing service (Uber, Lyft, etc.) - as passenger
3 Taxi, limo, hired car service - as passenger
4 Public transportation (i.e. bus, light rail/subway, train, dial-a-ride, etc.) - as passenger
5 Walk, skateboard, or kick scooter
6 Bicycle or bikeshare (non-electric)
7 Electric scooter, electric bike, or electric skateboard (Bird, Lime, etc.)
8 Motorcycle or moped - as driver or passenger
9 Other (shuttle, commercial vehicle, boat, etc.). Please specify:

tr001_other (other modes of transportation in last year in section Usage)
STRING

END OF GROUP

IF 4 IN tr001 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr002 (what public transportation used in section Usage)
You selected public transportation as a transportation mode that you used in the last year to go to places in or around Los Angeles. What specific forms of public transportation did you use? **Please check all that apply.**
1 Bus
2 Metro light rail/subway (Metro Lines A, B, C, D, E, K, and L)
3 Metrolink train
4 Amtrak train
5 Dial-A-Ride (paratransit)
6 Other. Please specify:

tr002_other (other public transportation in last year in section Usage)
STRING

END OF GROUP
END OF IF

asktransportation := 2

IF 1 IN tr001 OR 2 IN tr001 OR 3 IN tr001 OR 5 IN tr001 OR 6 IN tr001 OR 7 IN tr001 OR 8 IN tr001 THEN
asktransportation := 1

ELSEIF 4 IN tr001 AND (1 IN tr002 OR 2 IN tr002 OR 3 IN tr002 OR 4 IN tr002 OR 5 IN tr002) THEN

asktransportation := 1

END OF IF

IF asktransportation = 1 THEN

tr003_intro (Section Usage)
The next questions ask you to think about how often and for what purpose you used different transportation modes in a typical month of the last 12 months. If every month is different, think about the most recent month. As you answer these questions, please exclude any trips that you made to transport people or goods for pay (for example, trips made as an Uber, Lyft, or taxi driver, a food or freight delivery driver, etc.).

IF 1 IN tr001 THEN

tr003 (how many days as passenger in private vehicle in section Usage)
In a typical month of the last 12 months, about how many days did you drive or ride as a passenger in a **private vehicle (car, van, carpool, truck, or SUV)** to go to places in or around Los Angeles County?

Please exclude any ride-hailing (Uber, Lyft, etc.) trips or trips that you made to transport people or goods for pay.

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr004 (activities with private vehicle in section Usage)
Now, in that same typical month, what kinds of activities did you use a **private vehicle** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**
1 Job or school related activities (e.g. attending a class, commuting to an office, worksite, or work-related meeting)
2 Personal or caretaking activities (e.g. grocery shopping, errands, medical care, taking child to school, taking a relative to an appointment)
3 Social or leisure activities (e.g. visiting family, seeing a movie, going out to dinner)
4 Transportation to or from the airport
5 Other. Please specify:

tr004_other (other activities private vehicle in section Usage)
STRING

END OF GROUP

END OF IF

IF 2 IN tr001 THEN

tr005 (how many days as passenger in ride-hailing service (Uber, Lyft, etc.) in section Usage)
In a typical month of the last 12 months, about how many days did you use a **ride-hailing service (Uber, Lyft, etc.)**, as a passenger, to go to places in or around Los Angeles County?

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr006 (activities with ride-hailing service in section Usage)
Now, in that same typical month, what kinds of activities did you use a **ride-hailing service** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**
1 Job or school related activities (e.g. attending a class, commuting to an office, worksite, or work-related meeting)
2 Personal or caretaking activities (e.g. grocery shopping, errands, medical care, taking child to school, taking a relative to an appointment)
3 Social or leisure activities (e.g. visiting family, seeing a movie, going out to dinner)
4 Transportation to or from the airport
5 Other. Please specify:

tr006_other (other activities with ride-hailing service in section Usage)
STRING

END OF GROUP

END OF IF

IF 3 IN tr001 THEN

tr007 (how many days as passenger in taxi, limo, or hired car service in section Usage)
In a typical month of the last 12 months, about how many days did you use a **taxi, limo, or hired car service**, as a passenger, to go to places in or around Los Angeles County?

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr008 (activities with taxi, limo, or hired car service in section Usage)
Now, in that same typical month, what kinds of activities did you use a **taxi, limo, or hired car service** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**
1 Job or school related activities (e.g. attending a class, commuting to an office, worksite, or work-related meeting)
2 Personal or caretaking activities (e.g. grocery shopping, errands, medical care, taking child to school, taking a relative to an appointment)
3 Social or leisure activities (e.g. visiting family, seeing a movie, going out to dinner)
4 Transportation to or from the airport
5 Other. Please specify:

tr008_other (other activities with taxi, limo, or hired car service in section Usage)
STRING

END OF GROUP
END OF IF

IF 4 IN tr001 AND 1 IN tr002 THEN
tr009 (how many days ride in bus in section Usage)
In a typical month of the last 12 months, about how many days did you ride a **public bus** to go to places in or around Los Angeles County?

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr010 (activities with bus in section Usage)
Now, in that same typical month, what kinds of activities did you use a **public bus** (solely or in combination with other forms of transportation, like a train or walking) for? **Please check all that apply.**
1 Job or school related activities (e.g. attending a class, commuting to an office, worksite, or work-related meeting)
2 Personal or caretaking activities (e.g. grocery shopping, errands, medical care, taking child to school, taking a relative to an appointment)
3 Social or leisure activities (e.g. visiting family, seeing a movie, going out to dinner)
4 Transportation to or from the airport
5 Other. Please specify:

tr010_other (other activities with bus in section Usage)
STRING

END OF GROUP
END OF IF

IF 4 IN tr001 AND 2 IN tr002 THEN
tr012 (how many days ride metro light rail in section Usage)
In a typical month of the last 12 months, about how many days did you ride the **Metro light rail/subway** to go to places in or around Los Angeles County?

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr013 (activities with metro light rail in section Usage)
Now, in that same typical month, what kinds of activities did you use the **Metro light rail/subway** (solely or in combination with other forms of transportation, like a bus or walking) for? **Please check all that apply.**
1 Job or school related activities (e.g. attending a class, commuting to an office, worksite, or work-related meeting)

2 Personal or caretaking activities (e.g. grocery shopping, errands, medical care, taking child to school, taking a relative to an appointment)
3 Social or leisure activities (e.g. visiting family, seeing a movie, going out to dinner)
4 Transportation to or from the airport
5 Other. Please specify:

tr013_other (other activities with metro light rail in section Usage)
STRING

END OF GROUP
END OF IF

IF 4 IN tr001 AND (3 IN tr002 OR 4 IN tr002 OR 5 IN tr002) THEN

tr015 (how many days ride Metrolink train, Amtrak train, or Dial-A-Ride (paratransit) service in section Usage)
In a typical month of the last 12 months, about how many days did you ride a **Metrolink train, Amtrak train, or Dial-A-Ride (paratransit) service** to go to places in or around Los Angeles County?

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr016 (activities with Metrolink train, Amtrak train, or Dial-A-Ride (paratransit) service in section Usage)
Now, in that same typical month, what kinds of activities did you use a **Metrolink train, Amtrak train, or Dial-A-Ride (paratransit) service** (solely or in combination with other forms of transportation, like a bus or walking) for? **Please check all that apply.**
1 Job or school related activities (e.g. attending a class, commuting to an office, worksite, or work-related meeting)
2 Personal or caretaking activities (e.g. grocery shopping, errands, medical care, taking child to school, taking a relative to an appointment)
3 Social or leisure activities (e.g. visiting family, seeing a movie, going out to dinner)
4 Transportation to or from the airport
5 Other. Please specify:

tr016_other (other activities with metrolink in section Usage)
STRING

END OF GROUP
END OF IF

IF 5 IN tr001 THEN

tr023 (how many days walk, skateboard, or use a kick scooter in section Usage)
In a typical month of the last 12 months, about how many days did you **walk, skateboard, or use a kick scooter** (solely or in combination with other forms of transportation, like a bus or train) to go to places in or around Los Angeles County?

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr024 (activities with walk, skateboard, or use a kick scooter in section Usage)
Now, in that same typical month, what kinds of activities did you **walk, skateboard, or use a kick scooter** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**
1 Job or school related activities (e.g. attending a class, commuting to an office, worksite, or work-related meeting)
2 Personal or caretaking activities (e.g. grocery shopping, errands, medical care, taking child to school, taking a relative to an appointment)
3 Social or leisure activities (e.g. visiting family, seeing a movie, going out to dinner)
4 Transportation to or from the airport
5 Other. Please specify:

tr024_other (other activities with walk, skateboard, or use a kick scooter in section Usage)
STRING

END OF GROUP

END OF IF

IF 6 IN tr001 THEN

tr025 (how many days (non-electric) bicycle or bikeshare in section Usage)
In a typical month of the last 12 months, about how many days did you use a **(non-electric) bicycle or bikeshare** to go to places in or around Los Angeles County?

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr026 (activities with (non-electric) bicycle or bikeshare in section Usage)
Now, in that same typical month, what kinds of activities did you use a **(non-electric) bicycle or bikeshare** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**
1 Job or school related activities (e.g. attending a class, commuting to an office, worksite, or work-related meeting)
2 Personal or caretaking activities (e.g. grocery shopping, errands, medical care, taking child to school, taking a relative to an appointment)
3 Social or leisure activities (e.g. visiting family, seeing a movie, going out to dinner)
4 Transportation to or from the airport
5 Other. Please specify:

tr026_other (other activities with (non-electric) bicycle or bikeshare in section Usage)
STRING

END OF GROUP
END OF IF

IF 7 IN tr001 THEN
tr027 (how many days electric scooter, electric bike, or electric skateboard in section Usage)
In a typical month of the last 12 months, about how many days did you use an **electric scooter, electric bike, or electric skateboard** to go to places in or around Los Angeles County?

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr028 (activities with electric scooter, electric bike, or electric skateboard in section Usage)
Now, in that same typical month, what kinds of activities did you use an **electric scooter, electric bike, or electric skateboard** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**
1 Job or school related activities (e.g. attending a class, commuting to an office, worksite, or work-related meeting)
2 Personal or caretaking activities (e.g. grocery shopping, errands, medical care, taking child to school, taking a relative to an appointment)
3 Social or leisure activities (e.g. visiting family, seeing a movie, going out to dinner)
4 Transportation to or from the airport
5 Other. Please specify:

tr028_other (other activities with electric scooter, electric bike, or electric skateboard in section Usage)
STRING

END OF GROUP
END OF IF

IF 8 IN tr001 THEN
tr029 (how many days motorcycle or moped in section Usage)
In a typical month of the last 12 months, about how many days did you use a **motorcycle or moped** to go to places in or around Los Angeles County?

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr030 (activities with motorcycle or moped in section Usage)
Now, in that same typical month, what kinds of activities did you use a **motorcycle or moped** (solely or in combination with other forms of transportation, like a bus or train) for? **Please check all that apply.**
1 Job or school related activities (e.g. attending a class, commuting to an office, worksite, or work-related meeting)
2 Personal or caretaking activities (e.g. grocery shopping, errands, medical care, taking child to school, taking a relative to an appointment)
3 Social or leisure activities (e.g. visiting family, seeing a movie, going out to dinner)
4 Transportation to or from the airport
5 Other. Please specify:

tr030_other (other activities with motorcycle or moped in section Usage)
STRING

END OF GROUP
END OF IF
END OF IF

End of section **Usage**

Start of section **Feedback**

tr034 (how safe private vehicle in section Feedback)
Please rate the following aspect of driving a **private vehicle (car, van, truck, SUV)** in Los Angeles County. We are interested in how you feel about driving a private vehicle regardless of whether or not you do it regularly:

How **safe** are you from harassment or crime in a private vehicle?

tr035 (how convenient work or school trips private vehicle in section Feedback)
Please rate the following aspect of driving a **private vehicle (car, van, truck, SUV)** in Los Angeles County. We are interested in how you feel about driving a private vehicle regardless of whether or not you do it regularly:

How **convenient** - in terms of speed, ease of getting to where you are going, and parking - is it to use a private vehicle for **work or school related trips**?

tr036 (how convenient personal or leisure trips private vehicle in section Feedback)
Please rate the following aspect of driving a **private vehicle (car, van, truck, SUV)** in Los Angeles County. We are interested in how you feel about driving a private vehicle regardless of whether or not you do it regularly:

How **convenient** - in terms of speed, ease of getting to where you are going, and parking

- is it to use a private vehicle for **personal or leisure trips**?

tr037 (how expensive private vehicle in section Feedback)
Please rate the following aspect of driving a **private vehicle (car, van, truck, SUV)** in Los Angeles County. We are interested in how you feel about driving a private vehicle regardless of whether or not you do it regularly:

How **expensive** is it to use a private vehicle?

tr038 (how enjoyable private vehicle in section Feedback)
Please rate the following aspect of driving a **private vehicle (car, van, truck, SUV)** in Los Angeles County. We are interested in how you feel about driving a private vehicle regardless of whether or not you do it regularly:

How **enjoyable** is it to use a private vehicle?

tr039 (how safe public bus in section Feedback)
Please rate the following aspect of riding a **public bus** in Los Angeles County. We are interested in how you feel about riding a public bus regardless of whether or not you do it regularly:

How **safe** are you from harassment or crime while riding or waiting for the bus?

tr040 (how convenient work or school trips public bus in section Feedback)
Please rate the following aspect of riding a **public bus** in Los Angeles County. We are interested in how you feel about riding a public bus regardless of whether or not you do it regularly:

How **convenient** - in terms of speed, ease of getting to where you are going, and parking - is it to use the bus for **work or school related trips**?

tr041 (how convenient personal or leisure trips public bus in section Feedback)
Please rate the following aspect of riding a **public bus** in Los Angeles County. We are interested in how you feel about riding a public bus regardless of whether or not you do it regularly:

How **convenient** - in terms of speed, ease of getting to where you are going, and parking - is it to use the bus for **personal or leisure trips**?

tr042 (how expensive public bus in section Feedback)
Please rate the following aspect of riding a **public bus** in Los Angeles County. We are interested in how you feel about riding a public bus regardless of whether or not you do it regularly:

How **expensive** is it to use the bus?

tr043 (how enjoyable public bus in section Feedback)
Please rate the following aspect of riding a **public bus** in Los Angeles County. We are interested in how you feel about riding a public bus regardless of whether or not you do it regularly:

How **enjoyable** is it to use the bus?

tr044 (how safe Metro light rail/subway in section Feedback)
Please rate the following aspect of riding the **Metro light rail/subway** in Los Angeles County. We are interested in how you feel about riding the Metro regardless of whether or not you do it regularly:

How **safe** are you from harassment or crime while riding or waiting for the Metro?

tr045 (how convenient work or school trips Metro light rail/subway in section Feedback)
Please rate the following aspect of riding the **Metro light rail/subway** in Los Angeles County. We are interested in how you feel about riding the Metro regardless of whether or not you do it regularly:

How **convenient** - in terms of speed, ease of getting to where you are going, and parking - is it to use the Metro for **work or school related trips**?

tr046 (how convenient personal or leisure trips Metro light rail/subway in section Feedback)
Please rate the following aspect of riding the **Metro light rail/subway** in Los Angeles County. We are interested in how you feel about riding the Metro regardless of whether or not you do it regularly:

How **convenient** - in terms of speed, ease of getting to where you are going, and parking - is it to use the Metro for **personal or leisure trips**?

tr047 (how expensive Metro light rail/subway in section Feedback)
Please rate the following aspect of riding the **Metro light rail/subway** in Los Angeles County. We are interested in how you feel about riding the Metro regardless of whether or not you do it regularly:

How **expensive** is it to use the Metro?

tr048 (how enjoyable Metro light rail/subway in section Feedback)
Please rate the following aspect of riding the **Metro light rail/subway** in Los Angeles County. We are interested in how you feel about riding the Metro regardless of whether or not you do it regularly:

How **enjoyable** is it to use the Metro?

tr049 (how safe ride-hailing service (Uber, Lyft, etc.) in section Feedback)
Please rate the following aspect of using a **ride-hailing service (e.g. Uber, Lyft)** in Los Angeles County. We are interested in how you feel about using a ride-hailing service regardless of whether or not you do it regularly:

How **safe** are you from harassment or crime in a ride-hailing vehicle?

tr050 (how convenient work or school trips ride-hailing service (Uber, Lyft, etc.) in section Feedback)
Please rate the following aspect of using a **ride-hailing service (e.g. Uber, Lyft)** in Los Angeles County. We are interested in how you feel about using a ride-hailing service regardless of whether or not you do it regularly:

How **convenient** - in terms of speed, ease of getting to where you are going, and parking - is it to use a ride-hailing service for **work or school related trips**?

tr051 (how convenient personal or leisure trips ride-hailing service (Uber, Lyft, etc.) in section Feedback)
Please rate the following aspect of using a **ride-hailing service (e.g. Uber, Lyft)** in Los Angeles County. We are interested in how you feel about using a ride-hailing service regardless of whether or not you do it regularly:

How **convenient** - in terms of speed, ease of getting to where you are going, and parking - is it to use a ride-hailing service for **personal or leisure trips**?

tr052 (how expensive ride-hailing service (Uber, Lyft, etc.) in section Feedback)
Please rate the following aspect of using a **ride-hailing service (Uber, Lyft, etc.)** in Los Angeles County. We are interested in how you feel about using a ride-hailing service regardless of whether or not you do it regularly:

How **expensive** is it to use a ride-hailing service?

tr053 (how enjoyable ride-hailing service (Uber, Lyft, etc.) in section Feedback)
Please rate the following aspect of using a **ride-hailing service (Uber, Lyft, etc.)** in Los Angeles County. We are interested in how you feel about using a ride-hailing service regardless of whether or not you do it regularly:

How **enjoyable** is it to use a ride-hailing service?

End of section **Feedback**

Start of section **Availability**

/* The answer about the respondent's housing, per variable pu001, is preloaded from UAS

566. If the respondent did not complete UAS 566 OR they moved since completing UAS 566, it is asked (per variable ask_pu001). Otherwise, the preloaded value is assigned to pu001. */

ask_pu001 := '1'

IF FLLivdate = RESPONSE THEN
ne001a (moved to a new place of residence since uas566 completion in section Availability)
Have you moved to a new place of residence (i.e. a new home, apartment, mobile home, car, or street location) **since (end time uas566 livability())** or are you living in the same place?
1 Yes, I have moved to a new place
2 No, I am living in the same place
3 Unsure

IF ne001a IN (1,3) OR ne001a = EMPTY THEN
ask_pu001 := '1'
ELSE
ask_pu001 := '2'
pu001 := preload_pu001
END OF IF
ELSEIF FLLivdate = EMPTY THEN
ask_pu001 := '1'
END OF IF

IF ask_pu001 = 1 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

pu001 (type of home currently living in section Availability)
In what type of housing do you currently live?
1 Single-family home
2 Condo or townhome or duplex
3 Apartment, guest house, or dorm
4 Mobile home/trailer
5 Hotel or motel
6 Permanent supportive housing
7 I don't currently have housing (e.g. live in a car, shelter, on the street)
8 Other, please specify:

pu001_other (other type of home currently living in section Availability)
STRING

END OF GROUP

IF pu001 IN (1,2,3,4,5,6) AND ask_pu001 != 2 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ne001_month (month moved to current housing in section Availability)
When did you move to your **current** housing? If you're not sure, please give us your best guess.

If you have lived in your current housing since birth, please respond with the month and year you were born.
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

ne001_year (year moved to current housing in section Availability)
2024 2024
2023 2023
2022 2022
2021 2021
2020 2020
2019 2019
2018 2018
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1916 1916
1915 1915

1914 1914
1913 1913
1912 1912
1911 1911
1910 1910

END OF GROUP

IF ne001_year = 2024 AND ne001_month > date("n") THEN
ne_error (Section Availability)
The month and year you chose is in the future. Please go back and correct your answer(s).
END OF IF

pu002 (currently rent or own in section Availability)
Does your household rent, lease, or own the housing in which you currently live?
1 Rent or lease
2 Own
3 No one in my household pays rent or owns it
ELSEIF pu001 = 7 THEN
ne001b (how long since had housing in section Availability)
How long has it been since you had housing?
1 Less than 6 months
2 6-11 months
3 1-2 years
4 3-4 years
5 5 or more years
END OF IF
END OF IF

/* Respondents are asked a series of questions about their home per variable hasresidence, itself based on pu001. */

hasresidence := '2'

IF pu001 = RESPONSE AND pu001 != 7 THEN
hasresidence := '1'
END OF IF

tr054 (how far home from nearest useful bus stop in section Availability)
About how far from your home is the nearest useful **bus stop**? By "useful," we mean that the bus stop is for a bus line that goes to places you need or want to go.
1 5 minute walk (about 1/4 of a mile)

2 10-15 minute walk (about a half mile to less than a mile)
3 20-30 minute walk (about a mile to two miles)
4 Greater than 30 minute walk (more than 2 miles)
5 I don't know how far the nearest useful bus stop is

tr055 (how far home from nearest useful metro station in section Availability)
About how far from your home is the nearest useful **Metro light rail/subway station**? By "useful," we mean that the Metro station is for a Metro line that goes to places you need or want to go.
1 5 minute walk (about 1/4 of a mile)
2 10-15 minute walk (about a half mile to less than a mile)
3 20-30 minute walk (about a mile to two miles)
4 Greater than 30 minute walk (more than 2 miles)
5 I don't know how far the nearest useful Metro station is

End of section **Availability**

Start of section **Cost**

tr061 (how many private vehicles own or lease in section Cost)
How many private vehicles (cars, vans, trucks, or SUVs) in working condition does your household currently own or lease?
0 0
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10
11 11+

IF tr061 = RESPONSE AND tr061 = 0 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr062 (why not own or lease private vehicle in section Cost)
Why doesn't your household currently own or lease a car, van, truck, or SUV in working condition? **Please check all that apply.**
1 Too expensive
2 Vehicle(s) need(s) repairs
3 Don't have a valid driver's license
4 Prefer to use other modes of transportation

5 Lack of available parking
6 Ethical/environmental concerns
7 Other. Please specify:

tr062_other (other why not own or lease private vehicle in section Cost)
STRING

END OF GROUP
END OF IF

tr063 (use vehicle in last year in section Cost)
In the last 12 months, did you use a household vehicle (car, van, truck, SUV) to transport people or goods for pay? Examples include driving a household vehicle for Uber or Lyft or driving a household vehicle to make deliveries for companies like Instacart or Postmates.

tr064 (how likely buy vehicle in section Cost)
How likely is it that your household will purchase or lease a new or used car, van, truck, or SUV in the next twelve months?
1 Very unlikely
2 Unlikely
3 Somewhat unlikely
4 Neither likely nor unlikely
5 Somewhat likely
6 Likely
7 Very likely

End of section **Cost**

Start of section **Experience**

tr065 (how difficult find street parking in section Experience)
Please rate how difficult or easy it usually is to find street parking in your neighborhood:
1 Difficult
2 Somewhat difficult
3 Neither difficult nor easy
4 Somewhat easy
5 Easy
6 I don't know/ not applicable

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

tr066_intro (how many free off street parking with current residence in section Experience)
At your primary residence, how many parking spaces, if any, are included as part of

your rent, mortgage, or housing agreement? That is, you do not pay an additional fee beyond for them beyond any rent or mortgage payments.

If you have your own driveway, count the number of cars you can comfortably park in your driveway as the number of driveway parking spaces available to you.

Please select zero if you have none.

tr066_spaces (how many parking spaces with current residence in section Experience)
Number of garage, carport, lot, or driveway parking spaces included with primary residence
0 0
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10
11 11+

tr066_permits (how many parking permits with current residence in section Experience)
Number of on-street parking permits
0 0
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10
11 11+

END OF GROUP
END OF IF

End of section **Experience**

Start of section **Heat**

Fill code of question FLMonth executed
Fill code of question FLMonthLower executed

ht_intro (Section Heat)
The next set of questions asks about your conditions at home and at work, including your exposure to different kinds of weather.

IF hasresidence = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht001_intro (Section Heat)
Which of the following do you have in your current residence, in **working order**?

SUBGROUP OF QUESTIONS

ht001a (Central air conditioning in section Heat)
Central air conditioning

ht001b (Other type of air conditioner (window, portable, etc.) in section Heat)
Other type of air conditioner (window, portable, etc.)

ht001c (Fan (window, ceiling, portable, etc.) in section Heat)
Fan (window, ceiling, portable, etc.)

ht001d (Forced heating system (heat coming from vents in the wall or floor) in section Heat)
Forced heating system (heat coming from vents in the wall or floor)

ht001e (Other type of heater (portable, floor heating, etc.) in section Heat)
Other type of heater (portable, floor heating, etc.)

ht001f (Gas stove in section Heat)
Gas stove

ht001g (Electric stove in section Heat)
Electric stove

ht001h (Induction stove in section Heat)
Induction stove

ht001i (Working vent or range hood over stove in section Heat)

Working vent or range hood over stove

END OF SUBGROUP

END OF GROUP

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht006_intro (Section Heat)
Please rate how strongly you agree or disagree with the following statement:

ht006a (enough trees in my neighborhood to provide adequate shade in section Heat)
There are enough trees in my neighborhood to provide adequate shade for walking on a hot sunny day

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht006_intro (Section Heat)
Please rate how strongly you agree or disagree with the following statement:

ht006b (bus and/or Metro stops in neighborhood are well-shaded in section Heat)
The bus and/or Metro stops in my neighborhood are well-shaded

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht007_intro (Section Heat)
In the past 12 months, have you visited any of the following places for the **sole purpose** of trying to cool down or get out of **the heat**? Please check all that apply.

SUBGROUP OF QUESTIONS

ht007a (Mall or store in section Heat)
Mall or store

ht007b (Library in section Heat)
Library

ht007c (Community center in section Heat)

Community center

ht007d (Senior center in section Heat)
Senior center

ht007e (Indoor recreation center in section Heat)
Indoor recreation center

ht007f (Park or other outdoor recreational space in section Heat)
Park or other outdoor recreational space

ht007g (Home of a friend, neighbor, or family member in section Heat)
Home of a friend, neighbor, or family member

ht007h (Restaurant, food court, or café in section Heat)
Restaurant, food court, or café

ht007i (Community pool or beach or splash pad in section Heat)
Community pool or beach or splash pad

ht007k (City or county cooling center in section Heat)
City or county cooling center

ht007j (other place for shade in section Heat)
Other. Please specify:

END OF SUBGROUP

ht007j_other (specify other place for shade in section Heat)
STRING

END OF GROUP

ht008 (home get uncomfortably hot during heat waves in section Heat)
Does your home get uncomfortably hot during heat waves?

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht017_intro (Section Heat)
In the past 12 months, have you visited any of the following places for the **sole purpose** of trying to warm up or get out of **the cold**? Please check all that apply.

SUBGROUP OF QUESTIONS

ht017a (cold Mall or store in section Heat)
Mall or store

ht017b (cold Library in section Heat)
Library

ht017c (cold Community center in section Heat)
Community center

ht017d (cold Senior center in section Heat)
Senior center

ht017e (cold Indoor recreation center in section Heat)
Indoor recreation center

ht017f (cold Home of a friend, neighbor, or family member in section Heat)
Home of a friend, neighbor, or family member

ht017g (cold Restaurant, food court, or café in section Heat)
Restaurant, food court, or café

ht017h (other place for warmth in section Heat)
Other. Please specify:

END OF SUBGROUP

ht017h_other (specify other place for warmth in section Heat)
STRING

END OF GROUP

ht018 (home get uncomfortably cold in the winter, perhaps at night or early in the morning in section Heat)
Does your home get uncomfortably cold in the winter, perhaps at night or early in the morning?

currently_working := '2'

IF preload_ts001 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

wc001 (current labor status in section Heat)
You told us **on (end time uas468 livability())** that you had a job where you worked for pay. Which statement best reflects your current employment status?
1 I am still working in the same job

2 I lost my job and I am looking for work
3 I lost my job and I am not looking for work
4 I have been temporarily laid off from the same job
5 I am on sick leave or other leave from the same job
6 I am now working at a different job
7 I am now retired
8 None of these, please specify:

wc001_other (other current labor status in section Heat)
STRING

END OF GROUP

IF wc001 IN (1,5,6) THEN
currently_working := '1'
END OF IF
ELSE
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

wc001a (current labor status in section Heat)
Which statement best reflects your current employment status? Please check all that apply.
1 Working
2 Temporarily laid off from my job
3 On sick leave or other leave from my job
4 Unemployed and looking for work
5 Unemployed and not looking for work
6 Retired
7 Student
8 None of these, please specify:

wc001a_other (other current labor status in section Heat)
STRING

END OF GROUP

IF 1 IN wc001a OR 3 IN wc001a THEN
currently_working := '1'
END OF IF
END OF IF

IF currently_working = 1 THEN
wc_intro (Section Heat)
The next set of questions are about your primary job. If you have multiple jobs, think of

the job in which you work the most hours or receive the most pay.

wc002 (typical week, how many days work in primary job in section Heat)
In a typical week, how many days do you work in your primary job?
0 0 days
1 1 day
2 2 days
3 3 days
4 4 days
5 5 days
6 6 days
7 7 days

IF wc002 $>$ 0 THEN

Fill code of question FL_wc003 executed

wc003 (typical week, how many days work from home in primary job in section Heat)
In a typical week, how many days do you work **from home** in your primary job?
0 (0 days)
1 (1 day)
2 (2 days)
3 (3 days)
4 (4 days)
5 (5 days)
6 (6 days)
7 (7 days)

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht016_intro (Section Heat)
Which of the following conditions do you work in for your primary job? Please check all that apply.

For example, if your job requires you to spend half your work day outdoors under a tent and the other half of your work day outdoors without any covering, you would select both options.

SUBGROUP OF QUESTIONS

ht016a (Outdoors, covered by a structure (like a tent, open shed, booth) in section Heat)
Outdoors, covered by a structure (like a tent, open shed, booth)

ht016b (Outdoors, with no cover (exposed to all weather conditions) in section Heat)
Outdoors, with no cover (exposed to all weather conditions)

ht016c (Indoors, inside a building in section Heat)
Indoors, inside a building

ht016d (In a closed vehicle (like a car) in section Heat)
In a closed vehicle (like a car)

ht016e (In an open vehicle (like a tractor) in section Heat)
In an open vehicle (like a tractor)

END OF SUBGROUP

END OF GROUP

IF ht016c = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht009_intro (Section Heat)
Are any of the following available at your indoor place(s) of work, including your home if you are currently working from home?

SUBGROUP OF QUESTIONS

ht009a (Windows that can be opened in section Heat)
Windows that can be opened

ht009b (Central air conditioning in section Heat)
Central air conditioning

ht009c (Other type of air conditioner (window, portable, etc.) in section Heat)
Other type of air conditioner (window, portable, etc.)

ht009d (Forced heating system (heat coming from vents in the wall or floor) in section Heat)
Forced heating system (heat coming from vents in the wall or floor)

ht009e (Other type of heater (portable, floor heating, etc.) in section Heat)
Other type of heater (portable, floor heating, etc.)

ht009f (Fan in section Heat)
Fan

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht009_intro_2 (Section Heat)
On extremely hot days, are any of the following available to you at your indoor place(s) of work?

SUBGROUP OF QUESTIONS

ht009_2a (Additional break time to rest or cool down in section Heat)
Additional break time to rest or cool down

ht009_2b (Access to drinking water in section Heat)
Access to drinking water

ht009_2c (Regular reminders to drink water in section Heat)
Regular reminders to drink water

ht009_2d (Close monitoring for signs of heat illness in section Heat)
Close monitoring for signs of heat illness

ht009_2e (Air conditioning in section Heat)
Air conditioning

ht009_2f (Misting machine in section Heat)
Misting machine

ht009_2g (Cooling vest in section Heat)
Cooling vest

ht009_2h (Water-cooled suit or hood in section Heat)
Water-cooled suit or hood

ht009_2i (Air-cooled suit or hood in section Heat)
Air-cooled suit or hood

ht009_2j (Portable cooling device (e.g. portable air conditioner or fan) in section Heat)
Portable cooling device (e.g. portable air conditioner or fan)

ht009_2k (Open windows in section Heat)

Open windows

ht009_2l (Ceiling fans in section Heat)
Ceiling fans

END OF SUBGROUP

END OF GROUP
END OF IF

IF ht016a = 1 OR ht016b = 1 THEN
ht010 (number of hours required to be outdoors in section Heat)
For about how many hours in a typical week are you required to work outdoors for your job?

Please exclude time spent outdoors during your commute to and from work.
2 Less than 1 hour
3 1-2 hours
4 3-5 hours
5 6-10 hours
6 11-15 hours
7 16-20 hours
8 21-25 hours
9 26-30 hours
10 31-35 hours
11 36-40 hours
12 More than 40 hours

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht011_intro (Section Heat)
Are any of the following provided to you at your outdoor place(s) of work? Please check all that apply.

SUBGROUP OF QUESTIONS

ht011c (Sun protective clothing in section Heat)
Sun protective clothing

ht011d (Sunscreen in section Heat)
Sunscreen

ht011e (Hat in section Heat)
Hat

ht011f (Sunglasses in section Heat)
Sunglasses

ht011g (Shade from the sun in section Heat)
Shade from the sun

ht011h (Portable fan in section Heat)
Portable fan

ht011i (Portable air conditioner in section Heat)
Portable air conditioner

ht011j (Portable heater in section Heat)
Portable heater

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht019_intro (Section Heat)
On extremely hot days, are any of the following available to you at your outdoor place(s) of work?

SUBGROUP OF QUESTIONS

ht019a (Additional break time to rest or cool down in section Heat)
Additional break time to rest or cool down

ht019b (Access to drinking water in section Heat)
Access to drinking water

ht019c (Regular reminders to drink water in section Heat)
Regular reminders to drink water

ht019d (Close monitoring for signs of heat illness in section Heat)
Close monitoring for signs of heat illness

ht019e (An outdoor shade structure in section Heat)
An outdoor shade structure

ht019f (Access to indoor air conditioning in section Heat)
Access to indoor air conditioning

ht019g (Misting machine in section Heat)
Misting machine

ht019h (Cooling vest in section Heat)
Cooling vest

ht019i (Water-cooled suit or hood in section Heat)
Water-cooled suit or hood

ht019j (Air-cooled suit or hood in section Heat)
Air-cooled suit or hood

ht019k (Portable cooling device (e.g. portable air conditioner or fan) in section Heat)
Portable cooling device (e.g. portable air conditioner or fan)

END OF SUBGROUP

END OF GROUP
END OF IF

wc004 (employer have a commuter benefit program in section Heat)
Does your employer have a commuter benefit program? A commuter benefit program reduces transportation costs (like the cost of public transit) for employees using eligible forms of transportation.
1 Yes
2 No
3 I don't know
4 I don't have an employer

IF wc004 = 1 THEN
wc005 (enrolled in the commuter benefit program provided by employer in section Heat)
Are you enrolled in the commuter benefit program provided by your employer?
END OF IF
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ht012_intro (Section Heat)
In the past 12 months, have you experienced any of the following symptoms due to **heat exposure**?

SUBGROUP OF QUESTIONS

ht012a (High body temperature (103 F or higher) in section Heat)
High body temperature (103 °F or higher)

ht012b (Hot, red, dry, or damp skin in section Heat)
Hot, red, dry, or damp skin

ht012c (Cold, pale, and clammy skin in section Heat)
Cold, pale, and clammy skin

ht012d (Fast, strong pulse in section Heat)
Fast, strong pulse

ht012e (Fast, weak pulse in section Heat)
Fast, weak pulse

ht012f (Headache in section Heat)
Headache

ht012g (Dizziness in section Heat)
Dizziness

ht012h (Nausea in section Heat)
Nausea

ht012i (Vomiting in section Heat)
Vomiting

ht012j (Confusion in section Heat)
Confusion

ht012k (Passing out (fainting, losing consciousness) in section Heat)
Passing out (fainting, losing consciousness)

ht012l (Heavy sweating in section Heat)
Heavy sweating

ht012m (Muscle pain or spasms in section Heat)
Muscle pain or spasms

ht012n (Tiredness or weakness in section Heat)
Tiredness or weakness

ht012o (Sunburn (painful, red, and warm skin; blisters) in section Heat)
Sunburn (painful, red, and warm skin; blisters)

ht012p (Heat rash (red clusters of small blisters that look like pimples) in section Heat)
Heat rash (red clusters of small blisters that look like pimples)

END OF SUBGROUP

END OF GROUP

ht020 (have trouble sleeping in home on very hot nights or during heatwaves in section Heat)
Do you have trouble sleeping in your home on very hot nights or during heatwaves?

End of section **Heat**

Start of section **Pollution**

pl001 (taken any medication or used an inhaler for asthma to prevent symptoms in section Pollution)
In the past 12 months, have you taken any medication or used an inhaler for asthma to prevent symptoms?

pl002 (how safe air quality in home for breathing in section Pollution)
Most times of the year, how safe do you consider the **air quality in your home** for breathing? If you're not sure, please give your best guess.

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

pl009_intro (Section Pollution)
In the past 12 months, how often have you done the following at home?

SUBGROUP OF QUESTIONS

pl009a (Monitor air quality with a device in section Pollution)
Monitor air quality with a device

pl009b (Run an air purifier in section Pollution)
Run an air purifier

pl009c (Use a vent/exhaust while cooking and cleaning in section Pollution)
Use a vent/exhaust while cooking and cleaning

pl009d (Vacuum and/or clean rugs and carpets in section Pollution)
Vacuum and/or clean rugs and carpets

pl009e (Clean or replace the air filters in home's heating/cooling systems in sec-

tion Pollution)
Clean or replace the air filters in home's heating/cooling systems

pl009f (Clean or replace the air filters in home's exhaust fans in section Pollution)
Clean or replace the air filters in home's exhaust fans

pl009g (Clean or replace the air filters in home's household appliances in section Pollution)
Clean or replace the air filters in home's household appliances

END OF SUBGROUP

END OF GROUP

pl003 (how safe air quality in neighborhood for breathing in section Pollution)
Most times of the year, how safe do you consider the **air quality in your neighborhood** for breathing? If you're not sure, please give your best guess.

pl004 (how safe water quality in neighborhood for drinking in section Pollution)
Most times of the year, how safe do you consider the **quality of the tap water in your neighborhood** for drinking? If you're not sure, please give your best guess.

IF currently_working = 1 THEN

pl008 (how safe air quality in places of work for breathing in section Pollution)
Most times of the year, how safe do you consider the **air quality in your place(s) of work** (including your home if working from home) for breathing? If you're not sure, please give your best guess.

END OF IF

Fill code of question FLMonthLowerSus executed

pl_intro2 (Section Pollution)
The next few questions ask about the quality of the air you breathe in various places and any concerns you've had (**in the past 12 months**/**Since DATE** about exposure to air pollution.

pl005 (ever avoid going outside due to wildfire in section Pollution)
(**In the past 12 months**/**Since DATE**, did you ever avoid going outside because you were concerned about the quality of the air for breathing, **due to a nearby wildfire**?
1 Yes
2 No
3 I don't remember

pl006 (ever avoid going outside not due to wildfire in section Pollution)
(**In the past 12 months**/**Since DATE**, did you ever avoid going outside because you were concerned about the quality of the air for breathing, **due to reasons other than a wildfire**?
1 Yes
2 No
3 I don't remember

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

pl007 (ever avoid going specific place because of air quality in section Pollution)
(**In the past 12 months**/**Since DATE**, did you ever avoid going to a specific place in Los Angeles County because you were concerned about the quality of the air in that place for breathing?
1 Yes. Please specify the place(s) you avoided:
2 No
3 I don't remember

pl007_specify (specify ever avoid going specific place because of air quality in section Pollution)
STRING

END OF GROUP

End of section **Pollution**

Start of section **Sustainability**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

su001_intro (Section Sustainability)
Please rate how strongly you agree or disagree with the following statements:

SUBGROUP OF QUESTIONS

st001a (Climate change is a threat to the well-being of residents in Los Angeles County in section Sustainability)
Climate change is a threat to the well-being of residents in Los Angeles County

st001b (Climate change is caused mostly by human activities in section Sustainability)
Climate change is caused mostly by human activities

st001c (My individual actions can make a difference in fighting climate change in section Sustainability)
My individual actions can make a difference in fighting climate change

st001d (Local government is doing enough to fight climate change in section Sustainability)
Local government is doing enough to fight climate change

END OF SUBGROUP

END OF GROUP

IF hasresidence = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

st002_intro (Section Sustainability)
Which of the following do you have at your current residence?

SUBGROUP OF QUESTIONS

st002a (Solar panels in section Sustainability)
Solar panels

st002b (Solar water heater in section Sustainability)
Solar water heater

st002f (Low-flow plumbing fixtures in section Sustainability)
Low-flow plumbing fixtures

st002g (Tankless water heater in section Sustainability)
Tankless water heater

st002h (LED or CFL light bulbs in section Sustainability)
LED or CFL light bulbs

st002i (Daylights (skylights, light shelves, light tubes, etc.) in section Sustainability)
Daylights (skylights, light shelves, light tubes, etc.)

st002j (Ceiling fan in section Sustainability)
Ceiling fan

st002k (Programmable (smart) thermostat in section Sustainability)
Programmable (smart) thermostat

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

st002_intro (Section Sustainability)
Which of the following do you have at your current residence?

SUBGROUP OF QUESTIONS

st002l (Well-insulated windows and/or doors in section Sustainability)
Well-insulated windows and/or doors

st002m (Energy-efficient appliances and/or electronics in section Sustainability)
Energy-efficient appliances and/or electronics

st002n (Water-efficient landscaping in section Sustainability)
Water-efficient landscaping

st002o (Electric vehicle charger in section Sustainability)
Electric vehicle charger

st002p (Battery energy storage in section Sustainability)
Battery energy storage

st002q (Electric heat pump in section Sustainability)
Electric heat pump

st002r (Electric water heater in section Sustainability)
Electric water heater

st002s (Electric or heat pump clothes dryer in section Sustainability)
Electric or heat pump clothes dryer

END OF SUBGROUP

END OF GROUP

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

st003_intro (Section Sustainability)
Please rate how often you...

SUBGROUP OF QUESTIONS

st003a (recycle in section Sustainability)
Recycle

st003b (compost in section Sustainability)
Compost

st003c (limit your car usage in section Sustainability)
Limit your car usage

st003d (limit your water usage in section Sustainability)
Limit your water usage

st003e (limit your electricity usage in section Sustainability)
Limit your electricity usage

st003f (limit your food waste in section Sustainability)
Limit your food waste

st003g (limit or eliminate your consumption of meat in section Sustainability)
Limit or eliminate your consumption of meat

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

st003_intro (Section Sustainability)
Please rate how often you...

SUBGROUP OF QUESTIONS

st003h (buy or eat food grown in southern California in section Sustainability)
Buy or eat food grown in southern California

st003i (buy or eat organic food in section Sustainability)
Buy or eat organic food

st003k (buy or eat low- or un-processed food in section Sustainability)
Buy or eat low- or un-processed food

st003l (limit your use of food and products that come in a lot of packaging in section Sustainability)

Limit your use of food and products that come in a lot of packaging

st003m (Limit your use of single-use/disposable plastic in section Sustainability)
Limit your use of single-use/disposable plastic

st003p (hang your clothes to dry instead of using the dryer in section Sustainability)
Hang your clothes to dry instead of using the dryer

st003q (limit your use of air conditioning, even when it is hot in section Sustainability)
Limit your use of air conditioning, even when it is hot

END OF SUBGROUP

END OF GROUP

End of section **Sustainability**

Start of section **Meat**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

st005_intro (Section Meat)
Which of the following best describes your eating identity? You can select more than one.

SUBGROUP OF QUESTIONS

st005a (I am vegan in section Meat)
I am vegan.

st005b (I am vegetarian in section Meat)
I am vegetarian.

st005c (I am a healthy eater in section Meat)
I am a healthy eater.

st005d (I eat sustainably in section Meat)
I eat sustainably.

st005e (I am a red meat eater in section Meat)
I am a red meat eater.

END OF SUBGROUP

END OF GROUP

st006 (about how often eat red meat in section Meat)
About how often do you eat red meat (like beef, lamb, pork, veal, mutton and goat, and processed red meats like sausages, bacon, and ham)?
1 About once a day
2 About 2-5 times per week
3 About once a week
4 Less than once a week
5 Almost never
6 Never

IF st006 IN (1,2,3,4,5) THEN

st007 (how willing limit how much red meat you eat in section Meat)
How willing are you to limit how much red meat you eat? Red meat includes beef, lamb, veal, mutton, goat, and processed red meats like sausages, bacon, and ham.
1 Definitely not willing to eat less red meat
2 Probably not willing to eat less red meat
3 Probably willing to eat less red meat
4 Definitely willing to eat less red meat
5 Don't know

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

st008_intro (Section Meat)
Please rate how strongly you agree or disagree with the following statement:

st008a (To help reduce the impact of climate change, it is better to eat less red meat in section Meat)
To help reduce the impact of climate change, it is better to eat less red meat.
1 Strongly agree
2 Agree
3 Disagree
4 Strongly disagree
5 Don't know

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

st008_intro (Section Meat)
Please rate how strongly you agree or disagree with the following statement:

st008b (To benefit your health, it is better to limit how much red meat you eat in section Meat)
To benefit your health, it is better to limit how much red meat you eat.
1 Strongly agree
2 Agree
3 Disagree
4 Strongly disagree
5 Don't know

END OF GROUP

End of section **Meat**

Start of section **Car**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr090_intro (Section Car)
Do you currently own or lease any the following cars?

SUBGROUP OF QUESTIONS

tr090a (Electric car in section Car)
Electric car

tr090b (Hydrogen car in section Car)
Hydrogen car

tr090c (Hybrid car in section Car)
Hybrid car

END OF SUBGROUP

END OF GROUP

tr091 (how likely next car purchase or lease will be hybrid, electric, or hydrogen car in section Car)
How likely is it that the next car you purchase or lease will be a **hybrid, electric, or hydrogen car**?
1 Very unlikely
2 Unlikely
3 Somewhat unlikely

4 Somewhat likely
5 Likely
6 Very likely
7 Not applicable - I do not plan to purchase or lease another car

IF tr090a = 1 THEN

tr092 (how often charge electric car at public charging station in section Car)
How often do you charge your electric car at a public charging station?
1 Never
2 Less than once a month
3 Once a month
4 2-3 times a month
5 Once a week
6 2-3 times a week
7 Almost every day
8 Every day

tr093 (where charge electric car most often in section Car)
Where do you charge your electric car most often?
1 At home
2 At work
3 At a public station

tr094 (what time of day typically charge electric car in section Car)
What time of day do you typically charge your electric car?
1 Morning
2 Afternoon
3 Evening
4 Overnight

END OF IF

End of section **Car**

Start of section **Resilience**

ds001 (how prepared for natural disaster in section Resilience)
How prepared do you think your household is for an earthquake or other natural disaster?
1 Not at all prepared
2 Slightly prepared
3 Moderately prepared
4 Very prepared
5 Extremely prepared

im001 (experienced impacts due to natural disaster in section Resilience)

(**In the past 12 months**/**Since DATE**, have you experienced any of the following due to a natural disaster, such as a wildfire, flooding, or extreme heat? Please check all that apply.
1 Loss of income due to inability to work
2 Health problem(s)
3 Loss or destruction of property
4 Loss or destruction of possessions
5 Increased utility expenses
6 Temporary evacuation
7 Transportation challenges
8 None of the above

IF im001 = RESPONSE AND im001 != 8 THEN
Fill code of question FLList executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

im004 (what natural disasters caused experiences in section Resilience)
(**In the past 12 months**/**Since DATE**, what natural disaster(s) caused you to experience
(Loss of income due to inability to work /Health problem(s)/Loss or destruction of property /Loss or destruction of possessions/Increased utility expenses/Temporary evacuation/Transportation challenges/)Please check all that apply.
1 Wildfire
2 Flooding
3 Earthquake
4 Landslide or mudslide
5 High winds or wind storm
6 Rainstorm
7 Extreme heat
8 Drought
9 Hurricane
10 Tsunami
11 Other, please specify:

im004_other (other what natural disasters caused experiences in section Resilience)
STRING

END OF GROUP
END OF IF

im003 (experienced emotions due to natural disaster in section Resilience)
(**In the past 12 months**/**Since DATE**, have you experienced any of the following due to a natural disaster, such as a wildfire, flooding, or extreme heat? Please check all that apply.
1 Anxiety

2 Depression
3 Prolonged fatigue
4 High stress
5 None of the above

IF im003 = RESPONSE AND im003 != 5 THEN

Fill code of question FLList2 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

im005 (what natural disasters caused emotions in section Resilience)
(**In the past 12 months/Since DATE**, what natural disaster(s) caused you to experience
(Anxiety/Depression/Prolonged fatigue/High stress)Please check all that apply.
1 Wildfire
2 Flooding
3 Earthquake
4 Landslide or mudslide
5 High winds or wind storm
6 Rainstorm
7 Extreme heat
8 Drought
9 Hurricane
10 Tsunami
11 Other, please specify:

im005_other (other what natural disasters caused emotions in section Resilience)
STRING

END OF GROUP

END OF IF

End of section **Resilience**

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. */