

UnderStandingAmericaStudy

UAS 680: LA BAROMETER: MOBILITY AND SUSTAINABILITY



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Fielded February 19, 2025 - April 27, 2025

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1 INTRODUCTION

This UAS panel survey, titled "UAS680: LA Barometer: Mobility and Sustainability" is the administration of the fourth 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, UAS510 and UAS595. This survey is no longer in the field. Respondents were paid \$13 to complete the survey.

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 1882 UAS participants. Of those 1882 participants, 1347 completed the survey and are counted as respondents. Of those who are not counted as respondents, 23 started the survey without completing and 512 did not start the survey. The overall response rate was 71.57%.

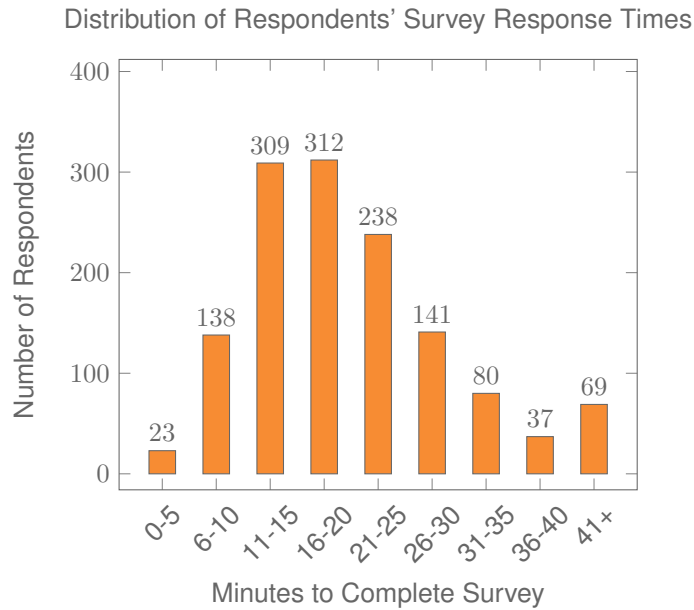
Note: We are unable to provide sample weights for a small number of UAS members (see the Sample and weighting section below for details). If they completed the survey, these members are included in the data set with a weight of zero, but accounted for in the computation of total sample size and survey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

The detailed survey response rate is as follows:

UAS680 - Response Overview	
Size of selected sample	1882
Completed the survey	1347
Started but did not complete the survey	23
Did not start the survey	512
Response rate	71.57%

2.2 Timings

The survey took respondents an average of 21 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 contains a series of standard variables, consisting of individual, household and sample identifiers, language indicator, time stamps and a rating by the respondent of how much he or she liked the survey:

- **uasid**: the identifier of the respondent. This identifier is assigned to a respondent at recruitment and stays with the respondent throughout each and every survey he/she participates in. When analyzing data from multiple surveys, the 'uasid' can be used to merge data sets.
- **uashhid**: the household identifier of the respondent. Every member is assigned a household identifier, stored in the variable $j_{em_i}uashhid_i/em_i$. 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. 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 if the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, the primary respondent of a household has a value of '0', whereas the second UAS household respondent has a value of '1'. Therefore 'uasmembers' should be interpreted as the number of household and UAS panel members at the time the respondent answers the survey. Note: in the My Household survey 'uasmembers' is set to unknown (.u) for respondents who last participated in the My Household survey prior to January 21, 2015.
- **sampleframe**: indicates the sampling frame from which the household of the respondent was recruited. All UAS recruitment is done through address based sampling

(ABS) in which samples are acquired based on postal records. Currently, the variable 'sampleframe' takes on four values reflecting four distinct sample frames used by the UAS over the year (in future data sets the number of sample frames used for recruitment may increase if additional specific populations are targeted in future recruitment batches):

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

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

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

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

1. ASDE 2014/01
2. ASDE 2014/01
3. ASDE 2014/01
4. Public records 2015/05
5. MSG 2015/07
6. MSG 2016/01
7. MSG 2016/01
8. MSG 2016/01
9. MSG 2016/02
10. MSG 2016/03
11. MSG 2016/04
12. MSG 2016/05
13. MSG 2016/08
14. MSG 2017/03

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

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

1. ASDE 2014/01 Nat.Rep.
2. ASDE 2014/01 Native Am.
3. ASDE 2014/11 Native Am.
4. LA County 2015/05 List Sample
5. MSG 2015/07 Nat.Rep.
6. MSG 2016/01 Nat.Rep. Batch 2
7. MSG 2016/01 Nat.Rep. Batch 3
8. MSG 2016/01 Nat.Rep. Batch 4
9. MSG 2016/02 Nat.Rep. Batch 5
10. MSG 2016/03 Nat.Rep. Batch 6
11. MSG 2016/04 Nat.Rep. Batch 7

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

- **primary_respondent**: indicates if the respondent was the first person within the household (i.e. to become a member or whether s/he was added as a subsequent member. A household in this regard is broadly defined as anyone living together with the primary respondent. That is, a household comprises individuals who live together, e.g. as part of a family relationship (like a spouse/child/parent) or in context of some other relationship (like a roommate or tenant).
- **hardware**: indicates whether the respondent ever received hardware or not. Note: this variable should not be used to determine whether a respondent received hardware at a given point in time and/or whether s/he used the hardware to participate in a survey. Rather, it indicates whether hardware was ever provided:
 1. None
 2. Tablet (includes Internet)

- **language**: the language in which the survey was conducted. This variable takes a value of 1 for English and a value of 2 for Spanish.
- **start_date (start_year, start_month, start_day, start_hour, start_min, start_sec)**: indicates the time at which the respondent started the survey.
- **end_date (end_year, end_month, end_day, end_hour, end_min, end_sec)**: indicates the time at which the respondent completed the survey.
- **cs_001**: indicates how interesting the respondent found the survey.

4 BACKGROUND DEMOGRAPHICS

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

The following variables are available in each survey data set:

- **gender**: the gender of the respondent.
- **dateofbirth_year**: the year of birth of the respondent.
- **age**: the age of the respondent at the start of the survey.
- **agerange**: if the respondent’s age cannot be calculate due to missing information, ‘agerange’ indicates the approximate age. Should a value for both the ‘age’ and ‘agerange’ be present, then ‘age’ takes precedence over ‘agerange’.
- **citizenus**: indicates whether the respondent is a U.S. citizen.
- **bornus**: indicates whether the respondent was born in the U.S.
- **stateborn**: indicates the state in which the respondent was born. This is set to missing (.) if the respondent was not born in the U.S.
- **countryborn**: indicates the country in which the respondent was born. This is set to missing (.) if the respondent was born in the U.S.
- **countryborn_other**: indicates the country of birth if that country is not on the drop down list of countries shown to the respondent’.
- **statereside**: the state in which the respondent is living.
- **immigration_status**: indicates whether the respondent is an immigrant. It takes one of the following values: 0 Non-immigrant, 1 First generation immigrant (immigrant who migrated to the U.S), 2 Second generation immigrant (U.S.-born children of at least one foreign-born parent), 3 Third generation immigrant (U.S.-born children of at least one U.S.-born parent, where at least one grandparent is foreign-born), or 4 Unknown immigrant status.
- **maritalstatus**: the marital status of the respondent.
- **livewithpartner**: indicates whether the respondent lives with a partner.

- **education**: the highest level of education attained by the respondent.
- **hisplatin**: indicates whether the respondent identifies him or herself as being Hispanic or Latino. This variable is asked separately from race.
- **hisplatinogroup**: indicates which Hispanic or Latino group a respondent identifies him or herself with. This is set to missing (.) if the respondent does not identify him or herself as being Hispanic or Latino.
- **white**: indicates whether the respondent identifies him or herself as white (Caucasian).
- **black**: indicates whether the respondent identifies him or herself as black (African-American).
- **nativeamer**: indicates whether the respondent identifies him or herself as Native American (American Indian or Alaska Native).
- **asian**: indicates whether the respondent identifies him or herself as Asian (Asian-American).
- **pacific**: indicates whether the respondent identifies him or herself as Native Hawaiian or Other Pacific Islander.
- **race**: indicates the race of the respondent as singular (e.g., '1 White' or '2 Black') or as mixed (in case the respondent identifies with two or more races). The value '6 Mixed' that the respondent answered 'Yes' to at least two of the single race categories. This variable is generated based on the values of the different race variables (white, black, nativeamer, asian, pacific). This composite measure is not conditional on hisplatin, so an individual may identify as Hispanic or Latino, and also as a member of one or more racial groups.
- **working**: indicates whether the respondent is working for pay.
- **sick_leave**: indicates whether the respondent is not working because sick or on leave.
- **unemp_layoff**: indicates whether the respondent is unemployed or on lay off.
- **unemp_look**: indicates whether the respondent is unemployed and looking for a job.
- **retired**: indicates whether the respondent is retired.
- **disabled**: indicates whether the respondent has a disability.
- **If_other**: specifies other labor force status.
- **laborstatus**: indicates the labor force status of the respondent as singular (e.g., '1 Working for pay' or '2 On sick or other leave') or as mixed (in case the respondent selects two or more labor statuses). The value '8 Mixed' indicates that the respondent answered 'Yes' to at least two of the single labor force status variables. This variable is generated based on the values of the different labor status variables (working, sick_leave, unempl_layoff, unempl_look, retired, disabled, If_other).

- **employmenttype**: indicates the employment type of the respondent (employed by the government, by a private company, a nonprofit organization, or self-employed). This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.
- **workfullpart**: indicates whether the respondent works full or part-time. This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.
- **hourswork**: indicates the number of hours the respondent works per week. This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.
- **hhincome**: is the total combined income of all members of the respondent's household (living in their household) during the past 12 months.
- **anyhhmember**: indicates whether there were any members in the respondent's household at the time he/she answered the survey as reported by the respondent.
- **hhmembernumber**: indicates the number of household members in the respondent's household at the time of the survey as reported by the respondent. It may be that 'anyhhmember' is 'Yes', but 'hhmembernumber' is missing if the respondent did not provide the number of household members at the time of the survey.
- **hhmemberin_#**: indicates whether a household member is currently in the household as reported by the respondent. Household members are never removed from the stored household roster and their information is always included in survey data sets. The order of the roster is the same order in which household members were specified by the respondent in the 'MyHousehold' survey. The order is identified by the suffix _# (e.g., _1 indicates the first household member, _2 the second household member, etc.).

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

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

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

In addition, data sets created after May 8, 2025 include an urbanicity variable. It is based on panel members' current census tract of residence and the 2010 Rural-Urban Commuting Area (RUCA) codes released by the US Department of Agriculture's Economic Research Service. To preserve confidentiality, the UAS collapses the 10 primary RUCA codes to 4 levels: Metropolitan, Micropolitan, Small/Rural, and Unknown. The Metropolitan level corresponds to primary RUCA codes 1-3, the Micropolitan level corresponds to RUCA codes 4-6, and the Small/Rural UAS classification corresponds to RUCA codes 7-10.

For detailed information and definitions of the 10 primary RUCA codes, please visit the USDA ERS Rural-Urban Commuting Area Codes site. Surveys conducted completely prior to May 8, 2025 will have an urbanicity data set available on request.

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. We are interested in how Los Angeles County residents have been impacted by recent local natural disasters and will ask about this near the end of the survey. Thank you for your participation in this important study about where we live, especially during these challenging times.

Start of section **Preload**

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

- o pl005, pl006, pl007, im001, im002, im003: time frame reference takes the value of 'Since date the respondents completed the UAS595 Sustainability survey' OR 'In the past 12 months'.

NOTE: an incorrect time frame reference was used for a small subset of respondents. These can be identified in the data set using variable pollution_timeframe with values:

- 1 Saw correct time frame reference
- 2 Saw incorrect time frame reference

- o ne001a, wc001: time frame reference takes the value of 'Since date the respondents completed the UAS637 Livability survey' OR 'In the past 12 months'.

**/*

uas595_endtime := */* preloaded end time from UAS595 */*

IF uas595_endtime = RESPONSE THEN

 | FLSusDate := getSpanishDate(uas595_endtime)

END OF IF

uas637_endtime := */* preloaded end time from UAS637 */*

IF uas637_endtime = RESPONSE THEN

 | FLLivDate := getSpanishDate(uas637_endtime)

 | preload_pu001 := */* preloaded pu001 from UAS637 */*

 | preload_af002 := */* preloaded af002 from UAS6637 */*

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:

- o 1 Crime
- o 2 Increasing prices/inflation
- o 3 Racial injustice
- o 4 Unemployment
- o 5 Housing and homelessness
- o 6 Terrorism
- o 7 Fiscal policy (taxation, government spending and debt)
- o 8 Immigration
- o 9 Health/healthcare
- o 10 The education system
- o 11 Abortion and reproductive health
- o 12 The environment and climate change
- o 13 The Covid-19 pandemic
- o 14 The international situation
- o 15 Public transportation/infrastructure
- o 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 (e.g. 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 Red, Green, Gold, Purple, A (Blue), and E (Expo) Lines)
- 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.

- 1 Every day
- 2 Most days per week
- 3 A few days per week
- 4 One day per week
- 5 Less than one day per week

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?

- 1 Every day
- 2 Most days per week
- 3 A few days per week
- 4 One day per week
- 5 Less than one day per week

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?

- 1 Every day
- 2 Most days per week
- 3 A few days per week
- 4 One day per week
- 5 Less than one day per week

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?

- 1 Every day
- 2 Most days per week
- 3 A few days per week
- 4 One day per week
- 5 Less than one day per week

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?

- 1 Every day
- 2 Most days per week
- 3 A few days per week
- 4 One day per week
- 5 Less than one day per week

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?

- 1 Every day
- 2 Most days per week

- 3 A few days per week
- 4 One day per week
- 5 Less than one day per week

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?

- 1 Every day
- 2 Most days per week
- 3 A few days per week
- 4 One day per week
- 5 Less than one day per week

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?
- 1 Every day
 - 2 Most days per week
 - 3 A few days per week
 - 4 One day per week
 - 5 Less than one day per week

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?

- 1 Every day
- 2 Most days per week
- 3 A few days per week
- 4 One day per week
- 5 Less than one day per week

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?

- 1 Every day
- 2 Most days per week
- 3 A few days per week
- 4 One day per week
- 5 Less than one day per week

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?

- 1 Very unsafe
- 2 Unsafe
- 3 Somewhat unsafe
- 4 Neither unsafe nor safe
- 5 Somewhat safe
- 6 Safe
- 7 Very safe

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**?

- 1 Very inconvenient
- 2 Inconvenient
- 3 Somewhat inconvenient
- 4 Neither inconvenient nor convenient
- 5 Somewhat convenient
- 6 Convenient
- 7 Very convenient

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**?

- 1 Very inconvenient
- 2 Inconvenient
- 3 Somewhat inconvenient
- 4 Neither inconvenient nor convenient
- 5 Somewhat convenient
- 6 Convenient
- 7 Very convenient

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?

- 1 Very expensive
- 2 Expensive
- 3 Somewhat expensive
- 4 Neither expensive nor inexpensive
- 5 Somewhat inexpensive
- 6 Inexpensive
- 7 Very inexpensive

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?

- 1 Very unenjoyable
- 2 Unenjoyable

- 3 Somewhat unenjoyable
- 4 Neither unenjoyable nor enjoyable
- 5 Somewhat enjoyable
- 6 Enjoyable
- 7 Very enjoyable

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?

- 1 Very unsafe
- 2 Unsafe
- 3 Somewhat unsafe
- 4 Neither unsafe nor safe
- 5 Somewhat safe
- 6 Safe
- 7 Very safe

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**?

- 1 Very inconvenient
- 2 Inconvenient
- 3 Somewhat inconvenient
- 4 Neither inconvenient nor convenient
- 5 Somewhat convenient
- 6 Convenient
- 7 Very convenient

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**?

- 1 Very inconvenient
- 2 Inconvenient
- 3 Somewhat inconvenient

- 4 Neither inconvenient nor convenient
- 5 Somewhat convenient
- 6 Convenient
- 7 Very convenient

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?

- 1 Very expensive
- 2 Expensive
- 3 Somewhat expensive
- 4 Neither expensive nor inexpensive
- 5 Somewhat inexpensive
- 6 Inexpensive
- 7 Very inexpensive

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?

- 1 Very unenjoyable
- 2 Unenjoyable
- 3 Somewhat unenjoyable
- 4 Neither unenjoyable nor enjoyable
- 5 Somewhat enjoyable
- 6 Enjoyable
- 7 Very enjoyable

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?

- 1 Very unsafe
- 2 Unsafe
- 3 Somewhat unsafe
- 4 Neither unsafe nor safe
- 5 Somewhat safe
- 6 Safe

7 Very safe

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**?

- 1 Very inconvenient
- 2 Inconvenient
- 3 Somewhat inconvenient
- 4 Neither inconvenient nor convenient
- 5 Somewhat convenient
- 6 Convenient
- 7 Very convenient

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**?

- 1 Very inconvenient
- 2 Inconvenient
- 3 Somewhat inconvenient
- 4 Neither inconvenient nor convenient
- 5 Somewhat convenient
- 6 Convenient
- 7 Very convenient

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?

- 1 Very expensive
- 2 Expensive
- 3 Somewhat expensive
- 4 Neither expensive nor inexpensive
- 5 Somewhat inexpensive
- 6 Inexpensive

7 Very inexpensive

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?

- 1 Very unenjoyable
- 2 Unenjoyable
- 3 Somewhat unenjoyable
- 4 Neither unenjoyable nor enjoyable
- 5 Somewhat enjoyable
- 6 Enjoyable
- 7 Very enjoyable

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?

- 1 Very unsafe
- 2 Unsafe
- 3 Somewhat unsafe
- 4 Neither unsafe nor safe
- 5 Somewhat safe
- 6 Safe
- 7 Very safe

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**?

- 1 Very inconvenient
- 2 Inconvenient
- 3 Somewhat inconvenient
- 4 Neither inconvenient nor convenient
- 5 Somewhat convenient
- 6 Convenient
- 7 Very convenient

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**?

- 1 Very inconvenient
- 2 Inconvenient
- 3 Somewhat inconvenient
- 4 Neither inconvenient nor convenient
- 5 Somewhat convenient
- 6 Convenient
- 7 Very convenient

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?

- 1 Very expensive
- 2 Expensive
- 3 Somewhat expensive
- 4 Neither expensive nor inexpensive
- 5 Somewhat inexpensive
- 6 Inexpensive
- 7 Very inexpensive

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?

- 1 Very unenjoyable
- 2 Unenjoyable
- 3 Somewhat unenjoyable
- 4 Neither unenjoyable nor enjoyable
- 5 Somewhat enjoyable
- 6 Enjoyable
- 7 Very enjoyable

End of section **Feedback**

Start of section **Availability**

ask_pu001 := '1'

IF FLLivdate = RESPONSE THEN

ne001a (moved to a new place of residence since uas468 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 uas468 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

/ The answer about the respondent's housing, per variable pu001, is preloaded from UAS 595. If the respondent did not complete UAS 595 OR they moved since completing UAS 595, it is asked (per variable ask_pu001). Otherwise, the preloaded value is assigned to pu001. */*

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 or guest house
- 4 Mobile or manufactured home
- 5 Hotel or motel
- 6 Temporary or emergency shelter

- 7 Outside (in a tent or public place)
- 8 Vehicle (car, van, truck, RV)
- 9 College dorm or military housing
- 10 Jail, prison, or correctional facility
- 11 Clinic or rehabilitation facility
- 12 Other, please specify:

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

END OF GROUP

IF pu001 IN (1,2,3,4,5,9,12) 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)

- 2025 2025
- 2024 2024
- 2023 2023
- 2022 2022
- 2021 2021
- 2020 2020
- 2019 2019
- 2018 2018
- 2017 2017
- 2016 2016

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1914 1914
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1911 1911
1910 1910

END OF GROUP

IF ne001_year = 2025 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 IN (6,7,8) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ne001a_month (month moved out of permanent housing in section Availability)

Please think about the last time you had permanent housing - for example, an apartment, single-family home, or mobile home. When did you move out of that housing? If you're not sure, please give your best guess.

1 January

2 February

3 March

4 April

5 May

6 June

7 July

8 August
9 September
10 October
11 November
12 December

ne001a_year (year moved out of permanent housing in section Availability)

2025 2025
2024 2024
2023 2023
2022 2022
2021 2021
2020 2020
2019 2019
2018 2018
2017 2017
2016 2016
2015 2015
2014 2014
2013 2013
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1932 1932
1931 1931
1930 1930
1929 1929
1928 1928
1927 1927
1926 1926
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1922 1922
1921 1921
1920 1920
1919 1919
1918 1918
1917 1917
1916 1916
1915 1915
1914 1914
1913 1913
1912 1912
1911 1911
1910 1910

END OF GROUP

IF ne001a_year = 2025 AND ne001a_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

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 IN (1,2,3,4,5,9,12) THEN
| hasresidence := '1'
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

hl001_intro (Section Availability)

How confident do you feel in your ability to do the following if needed:

SUBGROUP OF QUESTIONS

hl001a (Understand all parts of a rental/lease agreement in section Availability)

Understand all parts of a rental/lease agreement

- 1 Not at all confident
- 2 Somewhat confident
- 3 Very confident

hl001b (Understand all parts of a mortgage product in section Availability)

Understand all parts of a mortgage product

- 1 Not at all confident
- 2 Somewhat confident
- 3 Very confident

hl001c (Get legal help for a housing problem in section Availability)

Get legal help for a housing problem

- 1 Not at all confident
- 2 Somewhat confident
- 3 Very confident

hl001d (Fight for your rights with a landlord or housing authority in section Availability)

Fight for your rights with a landlord or housing authority

- 1 Not at all confident
- 2 Somewhat confident
- 3 Very confident

hl001e (Apply for and obtain government assistance in section Availability)

Apply for and obtain government assistance

- 1 Not at all confident
- 2 Somewhat confident

3 Very confident

hl001f (Compete for and obtain housing in a desirable neighborhood in section Availability)

Compete for and obtain housing in a desirable neighborhood

1 Not at all confident

2 Somewhat confident

3 Very confident

hl001g (Solve home repair issues in a timely manner in section Availability)

Solve home repair issues in a timely manner

1 Not at all confident

2 Somewhat confident

3 Very confident

END OF SUBGROUP

END OF GROUP

IF preload_af002 IN (2,3,4) THEN

hl002 (why worry about losing housing in section Availability)

Last summer, you told us that you (preloaded how often worried might lose housing uas637()) worry about losing your housing. Can you tell us why you (preloaded how often worried might lose housing uas637()) worry about this?

STRING

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

2 10-15 minute walk

3 20-30 minute walk

4 Greater than 30 minute walk

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

2 10-15 minute walk

3 20-30 minute walk

4 Greater than 30 minute walk

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.

1 Yes

2 No

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

- 1 Yes
- 2 No
- 3 Unsure

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

Other type of air conditioner (window, portable, etc.)

- 1 Yes
- 2 No
- 3 Unsure

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

Fan (window, ceiling, portable, etc.)

- 1 Yes
- 2 No
- 3 Unsure

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)

- 1 Yes
- 2 No
- 3 Unsure

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

Other type of heater (portable, floor heating, etc.)

- 1 Yes
- 2 No
- 3 Unsure

ht001f (Gas stove in section Heat)

Gas stove

- 1 Yes
- 2 No
- 3 Unsure

ht001g (Electric stove in section Heat)

Electric stove

- 1 Yes
- 2 No
- 3 Unsure

ht001h (Induction stove in section Heat)

Induction stove

- 1 Yes
- 2 No
- 3 Unsure

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

Working vent or range hood over stove

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

END OF IF

te001 (support tree planting in high-need neighborhoods in section Heat)

The general fund is the main budget used to run your city. It is funded by various sources, such as taxes and fees for licenses and permits. This fund supports a number of city services, including public safety, public works, community libraries, housing services, recreation centers, planning and transportation, and administration.

How much do you support or oppose your local government spending more money from the general fund to increase the amount of tree planting and maintenance **in high-need neighborhoods with low tree cover?**

- 1 Strongly support
- 2 Somewhat support
- 3 Somewhat oppose
- 4 Strongly oppose

te002 (support tree planting in own neighborhood in section Heat)

How much do you support or oppose your local government spending more money from the general fund to increase the amount of tree planting and maintenance **in your neighborhood?**

- 1 Strongly support
- 2 Somewhat support
- 3 Somewhat oppose
- 4 Strongly oppose

/* The answer options in te003 are presented in random order per variables te003_order with values:

- o 1 Beautify my neighborhood
- o 2 Encourage outdoor activities
- o 3 Improve air quality
- o 4 Reduce noise
- o 5 Prevent flooding
- o 6 Provide habitat for wildlife
- o 7 Reduce crime
- o 8 Reduce temperatures when it's hot out

*/

IF sizeof(te003_order) = 0 THEN

| te003_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8))

END OF IF

te003 (most important benefits of trees in section Heat)

Trees provide a variety of benefits. Understanding which benefits are most important to your community helps the City and its partners know where trees should be planted. In thinking about priorities you have for your neighborhood, which benefits of trees are most important to you? Select up to three answers.

- 1 Beautify my neighborhood
- 2 Encourage outdoor activities
- 3 Improve air quality
- 4 Reduce noise
- 5 Prevent flooding
- 6 Provide habitat for wildlife
- 7 Reduce crime
- 8 Reduce temperatures when it's hot out

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
- 1 Agree strongly
 - 2 Agree
 - 3 Agree somewhat
 - 4 Neither agree nor disagree
 - 5 Disagree somewhat
 - 6 Disagree
 - 7 Disagree strongly

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

- 1 Agree strongly
- 2 Agree
- 3 Agree somewhat
- 4 Neither agree nor disagree
- 5 Disagree somewhat
- 6 Disagree
- 7 Disagree strongly
- 8 Not applicable - no stops in my neighborhood

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

- 1 Yes
- 2 No
- 3 Unsure

ht007b (Library in section Heat)

Library

- 1 Yes
- 2 No
- 3 Unsure

ht007c (Community center in section Heat)

Community center

- 1 Yes
- 2 No
- 3 Unsure

ht007d (Senior center in section Heat)

Senior center

- 1 Yes
- 2 No
- 3 Unsure

ht007e (Indoor recreation center in section Heat)

Indoor recreation center

- 1 Yes
- 2 No
- 3 Unsure

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

Park or other outdoor recreational space

- 1 Yes
- 2 No
- 3 Unsure

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

Home of a friend, neighbor, or family member

- 1 Yes
- 2 No
- 3 Unsure

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

Restaurant, food court, or café

- 1 Yes
- 2 No
- 3 Unsure

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

Community pool or beach or splash pad

- 1 Yes
- 2 No

3 Unsure

ht007k (City or county cooling center in section Heat)

City or county cooling center

1 Yes

2 No

3 Unsure

ht007j (other place for shade in section Heat)

Other. Please specify:

1 Yes

2 No

3 Unsure

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?

1 Yes

2 No

3 I don't know

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

1 Yes

2 No

3 Unsure

ht017b (cold Library in section Heat)

Library

1 Yes

2 No

3 Unsure

ht017c (cold Community center in section Heat)

Community center

1 Yes

2 No

3 Unsure

ht017d (cold Senior center in section Heat)

Senior center

1 Yes

2 No

3 Unsure

ht017e (cold Indoor recreation center in section Heat)

Indoor recreation center

1 Yes

2 No

3 Unsure

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

Home of a friend, neighbor, or family member

1 Yes

2 No

3 Unsure

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

Restaurant, food court, or café

1 Yes

2 No

3 Unsure

ht017i (City or county warming center in section Heat)

City or county warming center

1 Yes

2 No

3 Unsure

ht017h (other place for warmth in section Heat)

Other. Please specify:

1 Yes

2 No

3 Unsure

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?

- 1 Yes
- 2 No
- 3 I don't know

currently_working := '2'

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

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)

1 Yes

2 No

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

Outdoors, with no cover (exposed to all weather conditions)

1 Yes

2 No

ht016c (Indoors, inside a building in section Heat)

Indoors, inside a building

1 Yes

2 No

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

In a closed vehicle (like a car)

1 Yes

2 No

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

In an open vehicle (like a tractor)

1 Yes

2 No

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

1 Yes

2 No

3 Unsure

ht009b (Central air conditioning in section Heat)

Central air conditioning

1 Yes

2 No

3 Unsure

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

Other type of air conditioner (window, portable, etc.)

1 Yes

2 No

3 Unsure

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)

1 Yes

2 No

3 Unsure

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

Other type of heater (portable, floor heating, etc.)

1 Yes

2 No

3 Unsure

ht009f (Fan in section Heat)

Fan

1 Yes

2 No

3 Unsure

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

1 Yes

2 No

3 Unsure

ht009.2b (Access to drinking water in section Heat)

Access to drinking water

- 1 Yes
- 2 No
- 3 Unsure

ht009.2c (Regular reminders to drink water in section Heat)

Regular reminders to drink water

- 1 Yes
- 2 No
- 3 Unsure

ht009.2d (Close monitoring for signs of heat illness in section Heat)

Close monitoring for signs of heat illness

- 1 Yes
- 2 No
- 3 Unsure

ht009.2e (Air conditioning in section Heat)

Air conditioning

- 1 Yes
- 2 No
- 3 Unsure

ht009.2f (Misting machine in section Heat)

Misting machine

- 1 Yes
- 2 No
- 3 Unsure

ht009.2g (Cooling vest in section Heat)

Cooling vest

- 1 Yes
- 2 No
- 3 Unsure

ht009.2h (Water-cooled suit or hood in section Heat)

Water-cooled suit or hood

- 1 Yes
- 2 No
- 3 Unsure

ht009.2i (Air-cooled suit or hood in section Heat)

Air-cooled suit or hood

- 1 Yes

- 2 No
- 3 Unsure

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)

- 1 Yes
- 2 No
- 3 Unsure

ht009.2k (Open windows in section Heat)

Open windows

- 1 Yes
- 2 No
- 3 Unsure

ht009.2l (Ceiling fans in section Heat)

Ceiling fans

- 1 Yes
- 2 No
- 3 Unsure

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

- 1 Yes
- 2 No
- 3 Unsure

ht011d (Sunscreen in section Heat)

Sunscreen

- 1 Yes
- 2 No
- 3 Unsure

ht011e (Hat in section Heat)

Hat

- 1 Yes
- 2 No
- 3 Unsure

ht011f (Sunglasses in section Heat)

Sunglasses

- 1 Yes
- 2 No
- 3 Unsure

ht011g (Shade from the sun in section Heat)

Shade from the sun

- 1 Yes
- 2 No
- 3 Unsure

ht011h (Portable fan in section Heat)

Portable fan

- 1 Yes
- 2 No
- 3 Unsure

ht011i (Portable air conditioner in section Heat)

Portable air conditioner

- 1 Yes
- 2 No
- 3 Unsure

ht011j (Portable heater in section Heat)

Portable heater

- 1 Yes
- 2 No
- 3 Unsure

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

- 1 Yes
- 2 No
- 3 Unsure

ht019b (Access to drinking water in section Heat)

Access to drinking water

- 1 Yes
- 2 No
- 3 Unsure

ht019c (Regular reminders to drink water in section Heat)

Regular reminders to drink water

- 1 Yes
- 2 No
- 3 Unsure

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

Close monitoring for signs of heat illness

- 1 Yes
- 2 No

3 Unsure

ht019e (An outdoor shade structure in section Heat)

An outdoor shade structure

1 Yes

2 No

3 Unsure

ht019f (Access to indoor air conditioning in section Heat)

Access to indoor air conditioning

1 Yes

2 No

3 Unsure

ht019g (Misting machine in section Heat)

Misting machine

1 Yes

2 No

3 Unsure

ht019h (Cooling vest in section Heat)

Cooling vest

1 Yes

2 No

3 Unsure

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

Water-cooled suit or hood

1 Yes

2 No

3 Unsure

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

Air-cooled suit or hood

1 Yes

2 No

3 Unsure

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

Portable cooling device (e.g. portable air conditioner or fan)

1 Yes

2 No

3 Unsure

| 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?

1 Yes

2 No

3 Unsure

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)

1 Yes

2 No

3 Unsure

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

Hot, red, dry, or damp skin

1 Yes

2 No

3 Unsure

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

Cold, pale, and clammy skin

- 1 Yes
- 2 No
- 3 Unsure

ht012d (Fast, strong pulse in section Heat)

Fast, strong pulse

- 1 Yes
- 2 No
- 3 Unsure

ht012e (Fast, weak pulse in section Heat)

Fast, weak pulse

- 1 Yes
- 2 No
- 3 Unsure

ht012f (Headache in section Heat)

Headache

- 1 Yes
- 2 No
- 3 Unsure

ht012g (Dizziness in section Heat)

Dizziness

- 1 Yes
- 2 No
- 3 Unsure

ht012h (Nausea in section Heat)

Nausea

- 1 Yes
- 2 No
- 3 Unsure

ht012i (Vomiting in section Heat)

Vomiting

- 1 Yes
- 2 No
- 3 Unsure

ht012j (Confusion in section Heat)

Confusion

- 1 Yes
- 2 No

3 Unsure

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

Passing out (fainting, losing consciousness)

1 Yes

2 No

3 Unsure

ht012l (Heavy sweating in section Heat)

Heavy sweating

1 Yes

2 No

3 Unsure

ht012m (Muscle pain or spasms in section Heat)

Muscle pain or spasms

1 Yes

2 No

3 Unsure

ht012n (Tiredness or weakness in section Heat)

Tiredness or weakness

1 Yes

2 No

3 Unsure

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

Sunburn (painful, red, and warm skin; blisters)

1 Yes

2 No

3 Unsure

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)

1 Yes

2 No

3 Unsure

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?

- 1 Yes
- 2 No
- 3 Unsure

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?

- 1 Yes
- 2 No
- 3 Unsure

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.

- 1 Very unsafe
- 2 Unsafe
- 3 Somewhat unsafe
- 4 Neither unsafe nor safe
- 5 Somewhat safe
- 6 Safe
- 7 Very safe

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

pl009_intro (Section Pollution)

In the past 12 months, how often have you or anyone in your household done the following at home?

SUBGROUP OF QUESTIONS

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

Monitor air quality with a device

- 1 Never
- 2 Less than once a month
- 3 1-3 times a month
- 4 Once a week
- 5 More than once a week

pl009b (Run an air purifier in section Pollution)

Run an air purifier

- 1 Never
- 2 Less than once a month
- 3 1-3 times a month
- 4 Once a week
- 5 More than once a week

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

Use a vent/exhaust while cooking and cleaning

- 1 Never
- 2 Less than once a month
- 3 1-3 times a month
- 4 Once a week
- 5 More than once a week

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

Vacuum and/or clean rugs and carpets

- 1 Never
- 2 Less than once a month
- 3 1-3 times a month
- 4 Once a week
- 5 More than once a week

pl009e (Clean or replace the air filters in home's heating/cooling systems in section Pollution)

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

- 1 Never
- 2 Less than once a month
- 3 1-3 times a month
- 4 Once a week
- 5 More than once a week

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

- 1 Never
- 2 Less than once a month
- 3 1-3 times a month
- 4 Once a week
- 5 More than once a week

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

- 1 Never

- 2 Less than once a month
- 3 1-3 times a month
- 4 Once a week
- 5 More than once a week

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.

- 1 Very unsafe
- 2 Unsafe
- 3 Somewhat unsafe
- 4 Neither unsafe nor safe
- 5 Somewhat safe
- 6 Safe
- 7 Very safe

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.

- 1 Very unsafe
- 2 Unsafe
- 3 Somewhat unsafe
- 4 Neither unsafe nor safe
- 5 Somewhat safe
- 6 Safe
- 7 Very safe

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.

- 1 Very unsafe
- 2 Unsafe
- 3 Somewhat unsafe
- 4 Neither unsafe nor safe
- 5 Somewhat safe
- 6 Safe
- 7 Very safe

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

- 1 Strongly disagree
- 2 Disagree
- 3 Somewhat disagree
- 4 Neither agree nor disagree
- 5 Somewhat agree
- 6 Agree
- 7 Strongly agree

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

Climate change is caused mostly by human activities

- 1 Strongly disagree
- 2 Disagree
- 3 Somewhat disagree
- 4 Neither agree nor disagree
- 5 Somewhat agree
- 6 Agree
- 7 Strongly agree

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

- 1 Strongly disagree
- 2 Disagree
- 3 Somewhat disagree
- 4 Neither agree nor disagree
- 5 Somewhat agree
- 6 Agree
- 7 Strongly agree

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

Local government is doing enough to fight climate change

- 1 Strongly disagree
- 2 Disagree
- 3 Somewhat disagree
- 4 Neither agree nor disagree

- 5 Somewhat agree
- 6 Agree
- 7 Strongly agree

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

- 1 Yes
- 2 No
- 3 Unsure

st002b (Solar water heater in section Sustainability)

Solar water heater

- 1 Yes
- 2 No
- 3 Unsure

st002f (Low-flow plumbing fixtures in section Sustainability)

Low-flow plumbing fixtures

- 1 Yes
- 2 No
- 3 Unsure

st002g (Tankless water heater in section Sustainability)

Tankless water heater

- 1 Yes
- 2 No
- 3 Unsure

st002h (LED or CFL light bulbs in section Sustainability)

LED or CFL light bulbs

- 1 Yes
- 2 No

3 Unsure

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

Daylights (skylights, light shelves, light tubes, etc.)

1 Yes

2 No

3 Unsure

st002j (Ceiling fan in section Sustainability)

Ceiling fan

1 Yes

2 No

3 Unsure

st002k (Programmable (smart) thermostat in section Sustainability)

Programmable (smart) thermostat

1 Yes

2 No

3 Unsure

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

1 Yes

2 No

3 Unsure

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

Energy-efficient appliances and/or electronics

1 Yes

2 No

3 Unsure

st002n (Water-efficient landscaping in section Sustainability)

Water-efficient landscaping

1 Yes

2 No

3 Unsure

st002o (Electric vehicle charger in section Sustainability)

Electric vehicle charger

1 Yes

2 No

3 Unsure

st002p (Battery energy storage in section Sustainability)

Battery energy storage

1 Yes

2 No

3 Unsure

st002q (Electric heat pump in section Sustainability)

Electric heat pump

1 Yes

2 No

3 Unsure

st002r (Electric water heater in section Sustainability)

Electric water heater

1 Yes

2 No

3 Unsure

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

Electric or heat pump clothes dryer

1 Yes

2 No

3 Unsure

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

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

st003b (compost in section Sustainability)

Compost

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

st003c (limit your car usage in section Sustainability)

Limit your car usage

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

st003d (limit your water usage in section Sustainability)

Limit your water usage

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

st003e (limit your electricity usage in section Sustainability)

Limit your electricity usage

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

st003f (limit your food waste in section Sustainability)

Limit your food waste

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

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

Limit or eliminate your consumption of meat

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

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

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

st003i (buy or eat organic food in section Sustainability)

Buy or eat organic food

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

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

Buy or eat low- or un-processed food

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

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

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

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

Limit your use of single-use/disposable plastic

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

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

Hang your clothes to dry instead of using the dryer

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

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

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Very often

END OF SUBGROUP

END OF GROUP

End of section **Sustainability**

Start of section **Car**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

tr090_intro (Section Car)

Do you currently own or lease any of the following cars?

SUBGROUP OF QUESTIONS

tr090a (Electric car in section Car)

Electric car

1 Yes

2 No

tr090b (Hydrogen car in section Car)

Hydrogen car

1 Yes

2 No

tr090c (Hybrid car in section Car)

Hybrid car

1 Yes

2 No

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

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 **Olympics**

ol_intro (Section Olympics)

We are interested in hearing from you about some upcoming events in Los Angeles, including the 2028 Olympics.

lax001 (how likely think to take public transit to or from LAX in section Olympics)

Metro is scheduled to complete construction on a metro station that will connect LAX to the Metro C and K rail lines in 2026. After its completion, how likely do you think you will be to take public transit to or from LAX?

- 1 Very unlikely
- 2 Somewhat unlikely
- 3 Somewhat likely
- 4 Very likely

ol001 (looking forward to LA hosting 2028 Olympics in section Olympics)

Are you looking forward to LA hosting the 2028 Olympics?

- 1 Yes
- 2 No

IF ol001 = 2 THEN

ol002 (why not looking forward to LA hosting 2028 Olympics in section Olympics)
What are you not looking forward to about LA hosting the 2028 Olympics?
STRING

ELSEIF ol001 = 1 THEN

ol003 (what looking forward to LA hosting 2028 Olympics in section Olympics)
What are you looking forward to about LA hosting the 2028 Olympics?
STRING

END OF IF

ol004 (how prepared think LA's public transit system will be to host 2028 Olympics in section Olympics)

How prepared do you think LA's public transit system will be to host the 2028 Olympics?

- 1 Not at all prepared
- 2 Slightly prepared
- 3 Moderately prepared
- 4 Extremely prepared

End of section **Olympics**

Start of section **Elections**

IF citizenus = EMPTY THEN

citizenus (R CITIZEN US in section Demographics)
Are you a citizen of the United States?
1 Yes
2 No

END OF IF

/* Respondents are asked about voting in the 2024 local LA County elections if they were registered to vote (per variable regis, either preloaded from UAS672 or asked) and voted in the local elections (per variable voted_2024, either preloaded from UAS672 or asked). */

IF citizenus = 1 THEN

uas672_endtime := /* preloaded end time from UAS672 */

IF uas672_endtime = RESPONSE THEN

uas672_regis := /* preloaded regis from UAS672 */

uas672_voted_2024 := /* preloaded voted_2024 from UAS672 */

END OF IF

ask_election := '2'

IF uas672_endtime = EMPTY THEN

```

| ask_election := '1'
ELSEIF (uas672_endtime = RESPONSE AND (uas672_regis = EMPTY OR (uas672_regis
= 1 AND uas672_voted_2024 = empty))) THEN
| ask_election := '1'
ELSEIF (uas672_endtime = RESPONSE AND uas672_regis = 1 AND 4 IN
uas672_voted_2024) THEN
| ask_election := '1'
END OF IF

IF ask_election = 1 THEN
  el_intro (Section Elections)
  Now we are interested in hearing from you about the election that occurred on
  November 5, 2024.

  IF uas672_endtime = RESPONSE AND uas672_regis = RESPONSE THEN
    | regis := uas672_regis
  ELSE
    | regis (registered to vote for 2024 election in section Elections)
    Regardless of whether you voted in the 2024, were you registered to vote at your
    current address in time to cast a ballot in the November 5 election if you had chosen
    to do so?
    1 Yes, I was registered to vote in time for the election
    2 I was not registered to vote in time for the election
    3 Not sure
  END OF IF

  IF regis = 1 THEN
    IF uas672_endtime = RESPONSE AND uas672_voted_2024 = RESPONSE THEN
      | voted_2024 := uas672_voted_2024
    ELSE
      | voted_2024 ((Voted in 2024 Presidential election?) in section Elections)
      Which of the following best describes how you voted in the election that took place
      on and before November 5, 2024 Please choose all that apply.
      1 I did not vote in the election
      2 I voted for a presidential candidate in the election
      3 I voted for a congressional candidate in the election
      4 I voted in other races, and/or for local initiatives in the election
      5 Not sure if I voted
    END OF IF
  END OF IF

  IF 4 IN voted_2024 THEN

```

da_vote_2024 (vote election for District Attorney of Los Angeles in section Elections)

In the election for District Attorney of Los Angeles did you vote for:

- 1 George Gascon
- 2 Nathan Hochman
- 3 I did not vote for a District Attorney candidate
- 4 Not sure

measure_a_vote (vote measure A in section Elections)

How did you vote on Measure A: Raising LA County's sales tax to fund homelessness efforts?

- 1 I voted "Yes"
- 2 I voted "No"
- 3 I did not vote on this measure
- 4 Not sure

measure_g_vote (vote measure G in section Elections)

How did you vote on Measure G: Expanding Los Angeles County Board of Supervisors?

- 1 I voted "Yes"
- 2 I voted "No"
- 3 I did not vote on this measure
- 4 Not sure

prop33_vote (vote prop 33 in section Elections)

How did you vote on Proposition 33: Expanding local rent control?

- 1 I voted "Yes"
- 2 I voted "No"
- 3 I did not vote on this measure
- 4 Not sure

prop5_vote (vote prop 5 in section Elections)

How did you vote on Proposition 5: Lowering the voter approval threshold to 55% for affordable housing and transportation bond measures?

- 1 I voted "Yes"
- 2 I voted "No"
- 3 I did not vote on this measure
- 4 Not sure

lapol1 (currently live within limits of city of Los Angeles in section Elections)

Do you currently live within the limits of the city of Los Angeles?

- 1 Yes
- 2 No
- 3 Unsure

IF lapol1 = 1 THEN

```

| | | measure_dd_vote (vote measure DD in section Elections)
| | | How did you vote on Measure DD: Requiring the City to establish an Independent
| | | Redistricting Commission to redraw City Council district boundaries in Los Angeles?
| | | 1 I voted "Yes"
| | | 2 I voted "No"
| | | 3 I did not vote on this measure
| | | 4 Not sure
| | | END OF IF
| | | END OF IF
| | | END OF IF
| | | END OF IF

```

End of section **Elections**

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. */