

UnderStandingAmericaStudy

UAS 146: SURVEY OF LOS ANGELES COUNTY RESIDENTS



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1 INTRODUCTION

This UAS panel survey, titled "UAS146: Survey of Los Angeles County Residents" was developed working with the City of Los Angeles as well as Los Angeles County Department of Public Health. CESR created this survey as a baseline for residents of LA County. It deals with questions of homelessness, politics, and safety, and is the initial venture in our LA Observatory project. This survey is no longer in the field. Respondents were paid \$11 to complete the survey.

This codebook does not include any questions on an experiment conducted within the survey for embargo purposes.

1.1 Topics

This survey contains questions (among others) on the following topics: Diet Lifestyle, Environment, Housing, Social Attitudes And Values. A complete survey topic categorization for the UAS can be found here.

1.2 Experiments

This survey includes experiment(s) of the following type(s): Auxiliary Randomization. Please refer to explanatory comments in the Routing section for detailed information. A complete survey experiment categorization for the UAS can be found here.

1.3 Citation

Each publication, press release or other document that cites results from this survey must include an acknowledgment of UAS as the data source and a disclaimer such as, 'The project described in this paper relies on data from survey(s) administered by the Understanding America Study, which is maintained by the Center for Economic and Social Research (CESR) at the University of Southern California. The content of this paper is solely the responsibility of the authors and does not necessarily represent the official views of USC or UAS.' For any questions or more information about the UAS, contact Tania Gutsche, Project and Panel Manager, Center for Economic and Social Research, University of Southern California, at tgutsche@usc.edu.

2 SURVEY RESPONSE AND DATA

2.1 Sample selection and response rate

The sample selection for this survey was:

All active Los Angeles county respondents (selected by zip code).

As such, this survey was made available to 653 UAS participants. Of those 653 participants, 501 completed the survey and are counted as respondents. Of those who are not counted as respondents, 12 started the survey without completing and 140 did not start the survey. The overall response rate was 76.72%.

Note: We are unable to provide sample weights for a small number of UAS members (see the Sample 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.%.

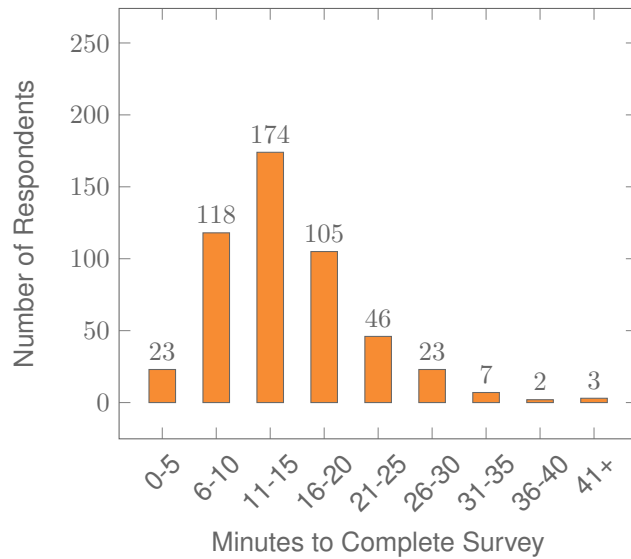
The detailed survey response rate is as follows:

| UAS146 - Response Overview | |
|---|--------|
| Size of selected sample | 653 |
| Completed the survey | 501 |
| Started but did not complete the survey | 12 |
| Did not start the survey | 140 |
| Response rate | 76.72% |

2.2 Timings

The survey took respondents an average of 15 minutes, and the full distribution of survey response times is available in the figure below. Times per question are available upon request.

Distribution of Respondents' Survey Response Times



2.3 Sample & Weighting

Weights are included in the data set for this survey. This survey dataset may contain respondents with a weight of zero. These respondents belong to a small group of UAS members for whom sample weights cannot be computed due to non-probability recruitment for special projects. Hence, while they are accounted for in the total number of survey respondents, they do not contribute to any statistics using sample weights. For more details on the UAS weighing procedures please refer to the UAS Weighting Procedures V1. Please contact UAS staff with any questions.

3 STANDARD VARIABLES

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

- **uasid**: the identifier of the respondent. This identifier is assigned to a respondent at recruitment and stays with the respondent throughout each and every survey he/she participates in. When analyzing data from multiple surveys, the 'uasid' can be used to merge data sets.
- **uashhid**: the household identifier of the respondent. Every member is assigned a household identifier, stored in the variable 'uashhid'. For the primary respondent this identifier equals his or her 'uasid'. All other eligible members of the primary respondent's household (everyone who is 18 or older in the household) who become UAS respondents receive the 'uasid' of the primary respondent as their household identifier. The identifier 'uashhid' remains constant over time for all respondents. Thus it is always possible to find the original UAS household of an UAS panel member (even after they, for example, have moved out to form another household).
- **survhhid**: uniquely identifies the household a UAS panel member belongs to in a given survey. For instance, if the primary respondent and his/her spouse are both UAS members at the time of a given survey, they both receive the same 'survhhid' identifier for that survey. If they subsequently split, they receive two different 'survhhid' in subsequent surveys. They, however, always share the same 'uashhid'. The identifier 'survhhid' is set to missing (.) if no other household members are UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart if the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, household members have different 'survhhid' reflecting different household compositions at the time they answered the survey. For instance, suppose that the primary respondent and his/her spouse are both UAS members. If the primary respondent answers the survey when he/she is living with the spouse, but the spouse answers the survey when the couple has split, they receive different 'survhhid'. Hence, the variable 'survhhid' identifies household membership of UAS panel members, at the time the respondent answers the survey. Note: in the My Household survey 'survhhid' is set to unknown (.u) for respondents who last participated in the My Household survey prior to January 21, 2015.
- **uasmembers**: is the number of other household members who are also UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart is the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, the primary respondent of a household has a value of '0', whereas the second UAS household respondent has a value of '1'. Therefore 'uasmembers' should be interpreted as the

number of household and UAS panel members at the time the respondent answers the survey. Note: in the My Household survey 'uasmembers' is set to unknown (.u) for respondents who last participated in the My Household survey prior to January 21, 2015.

- **sampletype**: 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 'sampletype' takes on three values reflecting three distinct recruitment categories (in future data sets the number of categories may increase due to the incorporation of new recruitment categories):
 1. Nationally Representative Sample
 2. Native Americans: recruited through ABS, where the probability of drawing a zip-code is a function of the percentage of Native Americans in the zip-code. Primary respondents in these zip-codes who are not Native Americans are not invited to join the UAS.
 3. LA County: recruited through ABS drawing from zip-codes in Los Angeles County.
- **batch**: indicates the batch from which the respondent was recruited. There are currently the following values this variable takes (in future data sets the number of categories may increase due to the usage of new recruitment samples):
 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

- **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.
- **hisplativo**: 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 hisplativo, 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.
- **hhmembervnumber**: 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 'hhmembervnumber' 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.

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 in the survey due to a survey 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 can be found in the UAS Data Guide available 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

intro1 (intro in section Base)

We would like to learn more about how people in Los Angeles County live, what they like or don't like, and what they think are the most pressing problems facing Angelenos.

Start of section **General**

ge001 (born in los angeles county in section General)

Were you born in Los Angeles County?

- 1 Yes
- 2 No

ge002 (currently live in los angeles county in section General)

Do you currently live in Los Angeles County?

- 1 Yes
- 2 No

ge006 (main residence in los angeles county in section General)

Is your current main residence in the county of Los Angeles or some other county?

- 1 My main residence is in Los Angeles county
- 2 My main residence is in some other county
- 3 Not sure which county

IF ge002 = 1 THEN

ge003 (number of years lived in los angeles county in section General)

How many years have you lived in Los Angeles County?

- 1 0-1 years
- 2 1-3 years
- 3 3-5 years
- 4 5-10 years
- 5 10-15 years
- 6 15-20 years
- 7 20-30 years
- 8 30 or more years

END OF IF

ge004 (recommend los angeles county as place to live in section General)

In general, would you recommend Los Angeles County to others as a place to live?

- 1 Yes
- 2 No

IF ge002 = 1 THEN

ge005 (plan to stay in los angeles county in section General)

In the next five years, do you plan to stay in Los Angeles County or move somewhere else?

1 I plan to stay in Los Angeles County

2 I plan to move somewhere else

END OF IF

End of section **General**

Start of section **Affordability**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

af001 (own or rent residence in section Affordability)

Does your household rent or own your current residence?

1 Rent (or lease)

2 Own

3 Other:

af001_other (other own or rent residence in section Affordability)

STRING

END OF GROUP

IF af001 IN (1,3) THEN

af002 (rent control or other form of housing subsidy in section Affordability)

Does your household have rent control, rent stabilization, housing vouchers, or other form of housing subsidy?

1 Yes

2 No

END OF IF

IF af001 = 2 THEN

af003 (have mortgage on current residence in section Affordability)

Does your household have a mortgage on your current residence?

1 Yes

2 No

END OF IF

af004 (housing related costs each month in section Affordability)

How much does your household pay in housing-related costs each month, including rent or mortgage and utilities (e.g. heating/cooling/water/electricity), excluding taxes and insurance?

NUMBER (NO DECIMALS ALLOWED)

IF af001 = 1 OR (af001 = 2 AND af003 = 1) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

af005 (who contributes to rent or mortgage payments in section Affordability)

Who contributes to your household's rent or mortgage payments? Please check all that apply.

- 1 Myself
- 2 My spouse or partner
- 3 Family members (other than my spouse or partner)
- 4 Friends
- 5 Other:

af005_other (other who contributes to rent or mortgage payments in section Affordability)

STRING

END OF GROUP

END OF IF

af006 (how long expect to stay in current housing in section Affordability)

How long do you expect to stay in your current housing?

- 1 0-6 months
- 2 6 months -1 year
- 3 1-2 years
- 4 2-5 years
- 5 More than 5 years

af007 (maximum could pay for rent or mortgage and utilities before moving in section Affordability)

What is the maximum amount that your household could pay in rent or mortgage and utilities, before your household would have to move from your current residence?

NUMBER (NO DECIMALS ALLOWED)

```
af008_questions := array(1 →"af008a",2 →"af008b",3 →"af008c",4 →"af008d",5 →"af008e",6  
→"af008f",7 →"af008g",8 →"af008h",9 →"af008i",10 →"af008j",11 →"af008k",12 →"af008l")
```

/ The questions af008a to af008l were presented in random order as defined in the af008_order variables. For example, if af008_order_1 equals 2, then af008b was presented as the first question in the table. */*

IF sizeof(af008_order) = 0 THEN

```
af008_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))
```

```
| af008_order(12) := 12
```

```
END OF IF
```

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

af008_intro (Section Affordability)

Suppose you were looking for a new place to live within the next year. What would be your top priorities when searching for your new residence?

You may select and rank up to three priorities. Next to your #1 priority, select "1" from the dropdown list. Next to your #2 priority, select "2." Next to your #3 priority, select "3." You can leave all the other items blank.

SUBGROUP OF QUESTIONS

```
| LOOP FROM 1 TO 12
```

```
| Value of question af008_questions(af008_order(cnt)) asked as question
```

```
| END OF LOOP
```

```
END OF SUBGROUP
```

```
END OF GROUP
```

```
answercnt := 0
```

```
checktotal := 0
```

```
IF af008a = RESPONSE THEN
```

```
| answercnt := answercnt + 1
```

```
| checktotal := checktotal + af008a
```

```
END OF IF
```

```
IF af008b = RESPONSE THEN
```

```
| answercnt := answercnt + 1
```

```
| checktotal := checktotal + af008b
```

```
END OF IF
```

```
IF af008c = RESPONSE THEN
```

```
| answercnt := answercnt + 1
```

```
| checktotal := checktotal + af008c
```

```
END OF IF
```

```
IF af008d = RESPONSE THEN
```

```
| answercnt := answercnt + 1  
| checktotal := checktotal + af008d  
END OF IF
```

```
IF af008e = RESPONSE THEN  
| answercnt := answercnt + 1  
| checktotal := checktotal + af008e  
END OF IF
```

```
IF af008f = RESPONSE THEN  
| answercnt := answercnt + 1  
| checktotal := checktotal + af008f  
END OF IF
```

```
IF af008g = RESPONSE THEN  
| answercnt := answercnt + 1  
| checktotal := checktotal + af008g  
END OF IF
```

```
IF af008h = RESPONSE THEN  
| answercnt := answercnt + 1  
| checktotal := checktotal + af008h  
END OF IF
```

```
IF af008i = RESPONSE THEN  
| answercnt := answercnt + 1  
| checktotal := checktotal + af008i  
END OF IF
```

```
IF af008j = RESPONSE THEN  
| answercnt := answercnt + 1  
| checktotal := checktotal + af008j  
END OF IF
```

```
IF af008k = RESPONSE THEN  
| answercnt := answercnt + 1  
| checktotal := checktotal + af008k  
END OF IF
```

```
IF af008l = RESPONSE THEN  
| answercnt := answercnt + 1  
| checktotal := checktotal + af008l
```

END OF IF

IF answercnt = 0 THEN

warning5 (Section Affordability)

Please rank at least one priority or click "Next" to continue.

ELSEIF answercnt > 3 THEN

warning1 (Section Affordability)

Please make sure to rank at most three priorities.

ELSE

IF answercnt = 3 AND checktotal != 6 THEN

warning2 (Section Affordability)

Please make sure to select a different rank for each priority.

ELSEIF answercnt = 2 AND checktotal != 3 THEN

warning3 (Section Affordability)

Please make sure to select a different rank for each priority and that there are no gaps (e.g. selecting #1 and #3).

ELSEIF answercnt = 1 AND checktotal != 1 THEN

warning4 (Section Affordability)

Please make sure to select the #1 for your top priority.

END OF IF

END OF IF

IF af008I = RESPONSE THEN

af008I.other (specify other in section Affordability)

On the previous screen, you selected "other" as one of your top priorities when searching for a new residence. Please describe this other priority in the textbox below.

STRING

END OF IF

End of section **Affordability**

Start of section **Cityservices**

ci001 (level of custom service provided by city in section Cityservices)

Your city provides you with access to a variety of services (e.g. police, street repair, and parks services). If you have used these services, how would you rate the level of customer service provided by your city to assist you in accessing the services?

1 Poor

2 Fair

3 Average

4 Good

5 Excellent

6 Not Applicable

/* The answer options for ci002 were presented in random order as defined in the ci002_order variables. For example, if ci002_order_1 equals 2, then 'Police services' was presented as the first answer option. */

IF sizeof(ci002_order) = 0 THEN

```
ci002_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))
```

```
ci002_order(14) := 14
```

```
ci002_order(15) := 15
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ci002 (services to improve in section Cityservices)

Are there any services and/or facilities in your city that you would like to see improved?

You may select up to five.

- 1 Fire services
- 2 Police services
- 3 Ambulance/emergency medical services
- 4 Parks and recreation services
- 5 City libraries
- 6 Water utility services
- 7 Garbage collection & recycling
- 8 Street repair
- 9 Transportation services
- 10 Traffic management
- 11 Homeless services
- 12 City website
- 13 Electronic bill-paying service
- 14 Other (please list):
- 15 None of the above

ci002_other (other services to improve in section Cityservices)

STRING

END OF GROUP

End of section **Cityservices**

Start of section **Quality**

qu_intro (Section Quality)

This section of the survey includes various questions about your neighborhood. As you

answer these questions, please think of "your neighborhood" as the streets, homes, apartments, schools, and/or businesses within a 10-minute walk of your residence.

qu001 (number of years lived in neighborhood in section Quality)

How many years have you lived in your neighborhood?

- 1 0-1 years
- 2 1-3 years
- 3 3-5 years
- 4 5-10 years
- 5 10-15 years
- 6 15-20 years
- 7 20-30 years
- 8 30 or more years

ne001 (rate neighborhood in section Neighborhood)

On a scale of 1 to 10, how would you rate your neighborhood?

- 1 1 Worst
- 2 2
- 3 3
- 4 4
- 5 5
- 6 6
- 7 7
- 8 8
- 9 9
- 10 10 Best

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

qu002_intro (Section Quality)

Please rate how satisfied or dissatisfied you are with the following in your neighborhood:

SUBGROUP OF QUESTIONS

qu002a (Traffic in section Quality)

Traffic

- 1 Very satisfied
- 2 Satisfied
- 3 Neither satisfied nor dissatisfied
- 4 Dissatisfied
- 5 Very dissatisfied

qu002b (Quality and cleanliness of roads and sidewalks in section Quality)

Quality and cleanliness of roads and sidewalks

- 1 Very satisfied

- 2 Satisfied
- 3 Neither satisfied nor dissatisfied
- 4 Dissatisfied
- 5 Very dissatisfied

qu002c (Cost of housing in section Quality)

Cost of housing

- 1 Very satisfied
- 2 Satisfied
- 3 Neither satisfied nor dissatisfied
- 4 Dissatisfied
- 5 Very dissatisfied

qu002d (Availability of and access to public transit in section Quality)

Availability of and access to public transit

- 1 Very satisfied
- 2 Satisfied
- 3 Neither satisfied nor dissatisfied
- 4 Dissatisfied
- 5 Very dissatisfied

qu002e (Safety from crime in section Quality)

Safety from crime

- 1 Very satisfied
- 2 Satisfied
- 3 Neither satisfied nor dissatisfied
- 4 Dissatisfied
- 5 Very dissatisfied

qu002f (Proximity to services and amenities in section Quality)

Proximity to services and amenities (grocery stores, health care services, parks, community organizations, etc.)

- 1 Very satisfied
- 2 Satisfied
- 3 Neither satisfied nor dissatisfied
- 4 Dissatisfied
- 5 Very dissatisfied

END OF SUBGROUP

END OF GROUP

ne002 (people in neighborhood willing to help in section Neighborhood)

Thinking about the area you consider your neighborhood, tell us whether you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the following state-

ment:

People in my neighborhood can be trusted.

- 1 Strongly agree
- 2 Somewhat agree
- 3 Somewhat disagree
- 4 Strongly disagree

End of section **Quality**

Start of section **Crime**

Fill code of question fl_cr001 executed

cr001 (crime increased or decreased in section Crime)

(Compared to a year ago/Since the time that you moved to your neighborhood), do you believe crime has increased, decreased, or remained the same in your neighborhood?

- 1 Increased
- 2 Decreased
- 3 Remained the same

cr002 (witnessed or victim of crime in section Crime)

Have you witnessed or been the victim of a violent or property crime in the past year?

- 1 Yes, I have witnessed or been the victim of a violent crime
- 2 Yes, I have witnessed or been the victim of a property crime
- 3 Yes, I have witnessed or been the victim of a violent crime and a property crime
- 4 No, I have not witnessed or been the victim of a violent or property crime

cr003 (unsafe in which situations in section Crime)

Do you often feel unsafe in any of the situations listed below? Please check all that apply.

- 1 At home during the day
- 2 At home at night
- 3 Walking alone in my neighborhood during the day
- 4 Walking alone in my neighborhood at night
- 5 Driving around L.A. County during the day
- 6 Driving around L.A. County at night
- 7 Using public transportation in L.A. County during the day
- 8 Using public transportation in L.A. County at night
- 9 Walking alone, during the day, in the area where I work
- 10 Walking alone, at night, in the area where I work
- 11 None of the above

cr004 (metal bars on windows within half a block in section Crime)

Now, thinking of all the buildings that are **within a half block (or about 300 feet away)** of your home, do any of these buildings have metal bars on their windows?

- 1 Yes
- 2 No

ne003 (rank income in comparison with other people residing in zip in section Neighborhood)

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

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

RANGE 0..100

End of section **Crime**

/ Respondents were asked a series of questions about both market-based and affordable housing. The order in which this was done is captured in variable at_section_order. A value of '1' signifies 'Market-based, then affordable housing', a value of '2' signifies 'Affordable, then market-based housing'. */*

IF at_section_order = EMPTY THEN

| at_section_order := mt_rand(1,2)

END OF IF

IF at_section_order = 1 THEN

Start of section **Attitudes**

at_intro (Section Attitudes)

The following questions are about the construction of **market-rate housing units** in your neighborhood.

Market-rate housing units are apartments that do not have restrictions on rent. The cost of renting a market-rate housing unit is determined by the landlord; it is not regulated by affordable housing laws.

at001 (impact market rate housing in section Attitudes)

If new market-rate housing units were built in your neighborhood, do you think their impact on the character of your neighborhood would be positive, negative, or neutral?

- 1 Positive
- 2 Negative
- 3 Neutral

IF at001 = RESPONSE THEN

Fill code of question fl_at002 executed

/* The answer options in at002 were presented in random order as captured in the at002_order variables. For example, if at002_order_1_ equals 2, then 'Parking' was the first answer option presented. */

IF sizeof(at002_order) = 0 THEN

```
at002_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))  
at002_order(17) := 17
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

at002 (reasons impact rating in section Attitudes)

What did you have in mind when you rated the impact of new market-rate housing units on the character of your neighborhood as **(positive/negative/neutral)**? Please check all that apply.

- 1 Traffic
- 2 Parking
- 3 Noise
- 4 Cleanliness
- 5 Diversity & inclusion
- 6 Local businesses
- 7 Crime and safety
- 8 Cost of living
- 9 School quality
- 10 Availability/quality of services and amenities
- 11 Size of homeless population
- 12 Community relations
- 13 Employment opportunities
- 14 Property values
- 15 Housing availability
- 16 Housing affordability
- 17 Other (please list):

at002_other (other reasons impact rating in section Attitudes)

STRING

END OF GROUP

END OF IF

IF af001 = 2 THEN

at003 (market rate housing change on value of residence in section Attitudes)
If new market-rate housing units were built in our neighborhood, do you think they would lead to an increase, a decrease, or no change in the value of your residence?

- 1 Increase
- 2 Decrease
- 3 No change

ELSE

at004 (market rate housing change in cost of rent in section Attitudes)
If new market-rate housing units were built in your neighborhood, do you think they would lead to an increase, a decrease, or no change in the cost of your rent?

- 1 Increase
- 2 Decrease
- 3 No change

END OF IF

End of section **Attitudes**

Start of section **Attitudes2**

at_intro5 (Section Attitudes2)

The following questions are about the construction of **affordable housing units** in your neighborhood.

Affordable housing units are apartments with restrictions on rent that are rented to low-income people. The cost of renting an affordable housing unit is regulated by affordable housing laws; it cannot exceed 30 percent of the renter's household income.

at005 (impact affordable housing in section Attitudes2)

If new affordable housing units were built in your neighborhood, do you think their impact on the character of your neighborhood would be positive, negative, or neutral?

- 1 Positive
- 2 Negative
- 3 Neutral

IF at005 = RESPONSE THEN

Fill code of question fl_at005 executed

/ The answer options in at006 were presented in random order as captured in the at006_order variables. For example, if at006_order_1_ equals 2, then 'Parking' was the first answer option presented. */*

IF sizeof(at006_order) = 0 THEN

```
at006_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))  
at006_order(17) := 17
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

at006 (reasons impact rating in section Attitudes2)

What did you have in mind when you rated the impact of new affordable housing units on the character of your neighborhood as **(positive/negative/neutral)**? Please check all that apply.

- 1 Traffic
- 2 Parking
- 3 Noise
- 4 Cleanliness
- 5 Diversity & inclusion
- 6 Local businesses
- 7 Crime and safety
- 8 Cost of living
- 9 School quality
- 10 Availability/quality of services and amenities
- 11 Size of homeless population
- 12 Community relations
- 13 Employment opportunities
- 14 Property values
- 15 Housing availability
- 16 Housing affordability
- 17 Other (please list):

at006_other (other reasons impact rating in section Attitudes2)

STRING

END OF GROUP

END OF IF

IF af001 = 2 THEN

at007 (affordable housing change on value of residence in section Attitudes2)

If new affordable housing units were built in our neighborhood, do you think they would lead to an increase, a decrease, or no change in the value of your residence?

- 1 Increase
- 2 Decrease
- 3 No change

ELSE

at008 (affordable housing change in cost of rent in section Attitudes2)
If new affordable housing units were built in your neighborhood, do you think they would lead to an increase, a decrease, or no change in the cost of your rent?
1 Increase
2 Decrease
3 No change
END OF IF

End of section **Attitudes2**

ELSE

Start of section **Attitudes2**

at_intro5 (Section Attitudes2)
The following questions are about the construction of **affordable housing units** in your neighborhood.

Affordable housing units are apartments with restrictions on rent that are rented to low-income people. The cost of renting an affordable housing unit is regulated by affordable housing laws; it cannot exceed 30 percent of the renter's household income.

at005 (impact affordable housing in section Attitudes2)
If new affordable housing units were built in your neighborhood, do you think their impact on the character of your neighborhood would be positive, negative, or neutral?
1 Positive
2 Negative
3 Neutral

IF at005 = RESPONSE THEN

Fill code of question fl_at005 executed

/ The answer options in at006 were presented in random order as captured in the at006_order variables. For example, if at006_order_1_ equals 2, then 'Parking' was the first answer option presented. */*

IF sizeof(at006_order) = 0 THEN

at006_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))
at006_order(17) := 17

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

at006 (reasons impact rating in section Attitudes2)

What did you have in mind when you rated the impact of new affordable housing units on the character of your neighborhood as **(positive/negative/neutral)**? Please check all that apply.

- 1 Traffic
- 2 Parking
- 3 Noise
- 4 Cleanliness
- 5 Diversity & inclusion
- 6 Local businesses
- 7 Crime and safety
- 8 Cost of living
- 9 School quality
- 10 Availability/quality of services and amenities
- 11 Size of homeless population
- 12 Community relations
- 13 Employment opportunities
- 14 Property values
- 15 Housing availability
- 16 Housing affordability
- 17 Other (please list):

at006_other (other reasons impact rating in section Attitudes2)

STRING

END OF GROUP

END OF IF

IF af001 = 2 THEN

at007 (affordable housing change on value of residence in section Attitudes2)

If new affordable housing units were built in our neighborhood, do you think they would lead to an increase, a decrease, or no change in the value of your residence?

- 1 Increase
- 2 Decrease
- 3 No change

ELSE

at008 (affordable housing change in cost of rent in section Attitudes2)

If new affordable housing units were built in your neighborhood, do you think they would lead to an increase, a decrease, or no change in the cost of your rent?

- 1 Increase
- 2 Decrease
- 3 No change

END OF IF

End of section **Attitudes2**

Start of section **Attitudes**

at_intro (Section Attitudes)

The following questions are about the construction of **market-rate housing units** in your neighborhood.

Market-rate housing units are apartments that do not have restrictions on rent. The cost of renting a market-rate housing unit is determined by the landlord; it is not regulated by affordable housing laws.

at001 (impact market rate housing in section Attitudes)

If new market-rate housing units were built in your neighborhood, do you think their impact on the character of your neighborhood would be positive, negative, or neutral?

- 1 Positive
- 2 Negative
- 3 Neutral

IF at001 = RESPONSE THEN

Fill code of question fl_at002 executed

/ The answer options in at002 were presented in random order as captured in the at002_order variables. For example, if at002_order_1_ equals 2, then 'Parking' was the first answer option presented. */*

IF sizeof(at002_order) = 0 THEN

```
at002_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))  
at002_order(17) := 17
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

at002 (reasons impact rating in section Attitudes)

What did you have in mind when you rated the impact of new market-rate housing units on the character of your neighborhood as **(positive/negative/neutral)**? Please check all that apply.

- 1 Traffic
- 2 Parking
- 3 Noise
- 4 Cleanliness
- 5 Diversity & inclusion
- 6 Local businesses

- 7 Crime and safety
- 8 Cost of living
- 9 School quality
- 10 Availability/quality of services and amenities
- 11 Size of homeless population
- 12 Community relations
- 13 Employment opportunities
- 14 Property values
- 15 Housing availability
- 16 Housing affordability
- 17 Other (please list):

at002_other (other reasons impact rating in section Attitudes)
STRING

END OF GROUP

END OF IF

IF af001 = 2 THEN

at003 (market rate housing change on value of residence in section Attitudes)
If new market-rate housing units were built in our neighborhood, do you think they would lead to an increase, a decrease, or no change in the value of your residence?
1 Increase
2 Decrease
3 No change

ELSE

at004 (market rate housing change in cost of rent in section Attitudes)
If new market-rate housing units were built in your neighborhood, do you think they would lead to an increase, a decrease, or no change in the cost of your rent?
1 Increase
2 Decrease
3 No change

END OF IF

End of section **Attitudes**

END OF IF

Start of section **Closing**

CS_000 (looking forward to 2028 summer olympics in section Closing)
Are you looking forward to the 2028 Summer Olympics being held in Los Angeles?
1 Yes
2 No

CS_001 (HOW PLEASANT INTERVIEW in section Closing)

Could you tell us how interesting or uninteresting you found the questions in this interview?

- 1 Very interesting
- 2 Interesting
- 3 Neither interesting nor uninteresting
- 4 Uninteresting
- 5 Very uninteresting

CS_003 (comments in section Closing)

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

STRING

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. */*