

UnderStandingAmericaStudy

UAS 616: SANTA SUSAN FIELD LABORATORY SURVEY



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1 INTRODUCTION

This UAS panel survey, titled "UAS 616: Santa Susan Field Laboratory", asks questions to UAS members living within specific census tracts living within a close range to the Santa Susana Field Laboratory (Rocketdyne). A similar survey was fielded to non-UAS members in the area. This survey is no longer in the field. Respondents were paid \$10 to complete the survey.

1.1 Topics

This survey contains questions (among others) on the following topics: Diet Lifestyle, Environment, Social Attitudes And Values. 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:

Everyone.

As such, this survey was made available to 212 UAS participants. Of those 212 participants, 143 completed the survey and are counted as respondents. Of those who are not counted as respondents, 8 started the survey without completing and 61 did not start the survey. The overall response rate was 67.45%.

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.%.

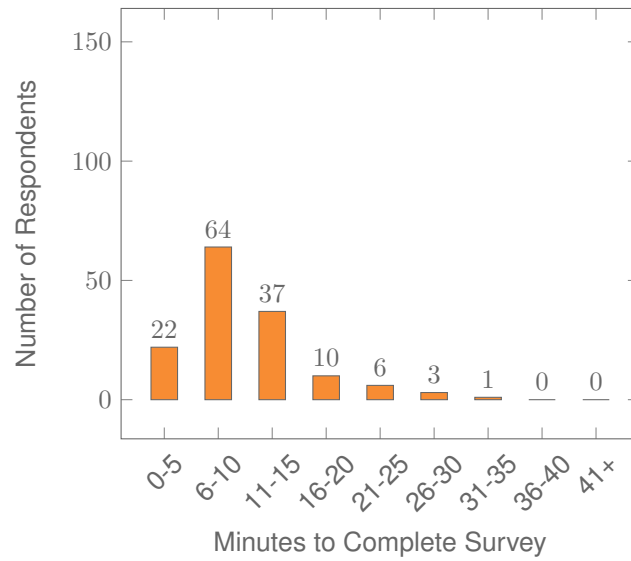
The detailed survey response rate is as follows:

UAS616 - Response Overview	
Size of selected sample	212
Completed the survey	143
Started but did not complete the survey	8
Did not start the survey	61
Response rate	67.45%

2.2 Timings

The survey took respondents an average of 11 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 Weighting

Weights are not (yet) available for this survey. 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 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

Start of section Ssfl

mainintro (Section Ssfl)

Thank you for participating in this important study of your community.

The Santa Susana Field Laboratory is a site in Ventura County, California where scientists tested rocket engines from 1947 to 2006. During that time, harmful chemicals and radioactive waste were released into the soil and water around the site.

When people talk about what is in the soil and water, they use words like "carcinogens" (things that can cause cancer), "chemicals", "heavy metals" (like lead or mercury), "pollutants", "radioactive waste" (dangerous waste from nuclear research), and "toxins" (poisons). In this survey, we'll refer to all of this as "contamination".

ssfl001 (heard of the Santa Susana Field Laboratory (also known as Rocketdyne) before in section Ssfl)

Have you heard of the Santa Susana Field Laboratory (also known as Rocketdyne) before?

intro2 (Section Ssfl)

Going forward we will refer to the laboratory as the Santa Susana Field Laboratory in this survey.

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl002 (year move to home (e.g., house, condo, apartment, ADU) currently live in section Ssfl)

In what year did you move to the home (e.g., house, condo, apartment, ADU) where you currently live?

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ssfl003 (rent or own home in section Ssfl)

Do you or someone in your household rent or own your home?

- 1 Rent
- 2 Own

ssfl004 (plan on living in current home for at least next five years in section Ssfl)

Do you plan on living in your current home for at least the next five years?

- 1 Yes
- 2 No
- 3 Unsure

END OF GROUP

ssfl005 (how close feel like live to Santa Susana Field Laboratory in section Ssfl)

For the following question, please indicate how close you *feel* like you live to the Santa Susana Field Laboratory (without calculating the actual distance to it from where you live).

For me, when thinking about the Santa Susana Field Laboratory...

- 1 I do not feel like I live close to it at all.
- 2 I do not feel like I live close to it.
- 3 I feel like I live somewhat close to it.
- 4 I feel like I live close to it.
- 5 I feel like I live extremely close to it.

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl006.intro (Section Ssfl)

Tell us how much you agree or disagree with the statements below when you think about living near contamination from the Santa Susana Field Laboratory.

SUBGROUP OF QUESTIONS

ssfl006a (When I think about the contamination, I worry about what living in my home will mean for me in the future. in section Ssfl)

When I think about the contamination, I worry about what living in my home will mean for me in the future.

ssfl006b (Uncertainty about the effects of living near the contamination scares me. in section Ssfl)

Uncertainty about the effects of living near the contamination scares me.

ssfl006c (Living near the contamination doesn't scare me. in section Ssfl)

Living near the contamination doesn't scare me.

ssfl006d (I am scared that I will need to leave my home because of the contamination. in section Ssfl)

I am scared that I will need to leave my home because of the contamination.

ssfl006e (I am worried that the local environment will never fully recover no matter what is done to try and clean up the contamination. in section Ssfl)

I am worried that the local environment will never fully recover no matter what is done to try and clean up the contamination.

ssfl006f (I feel carefree when I think about the contamination. in section Ssfl)

I feel carefree when I think about the contamination.

END OF SUBGROUP

END OF GROUP

ssfl007 (desire to stay where live in section Ssfl)

On a scale of -5 to 5, where -5 represents a strong desire to move and 5 represents a strong desire to stay, please **click on and move the slider** to represent how you feel about where you live.

RANGE -5..5

ssfl007a (ability to leave where live in section Ssfl)

On a scale of -5 to 5, where -5 represents feeling trapped and unable to move and 5 represents feeling free and able to move, please **click on and move the slider** to represent how you feel about your ability to move out of your home whenever you want.

RANGE -5..5

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl008.intro (Section Ssfl)

Think about the problems you might have living near contamination from the Santa Susana Field Laboratory. Please tell us how much you agree or disagree with the

statements below when thinking about this.

SUBGROUP OF QUESTIONS

ssfl008a (I could solve most problems related to the contamination if I put in the effort. in section Ssfl)

I could solve most problems related to the contamination if I put in the effort.

ssfl008b (I am confident that I could efficiently handle unexpected events caused by the contamination. in section Ssfl)

I am confident that I could efficiently handle unexpected events caused by the contamination.

ssfl008c (I could remain calm when facing difficulties posed by the contamination. in section Ssfl)

I could remain calm when facing difficulties posed by the contamination.

ssfl008d (I could resourcefully handle unexpected situations caused by the contamination. in section Ssfl)

I could resourcefully handle unexpected situations caused by the contamination.

ssfl008e (I could find more than one solution to a problem caused by the contamination. in section Ssfl)

I could find more than one solution to a problem caused by the contamination.

END OF SUBGROUP

END OF GROUP

IF **ssfl001** = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl009a (activities done to avoid contamination in section Ssfl)

What activities have you done, if any, to **specifically** avoid contamination from the Santa Susana Field Laboratory?

- 1 Stopped eating fruits, vegetables, and/or herbs grown in my yard.
- 2 Stopped eating farm fresh produce from local farms.
- 3 Stopped hiking on trails near the Santa Susana Field Laboratory.
- 4 Left shoes outside my home to avoid bringing in dust and dirt.
- 5 Filtered tap water or used bottled water for drinking and cooking.
- 6 Avoided time outside in my yard, especially during rain and wind.
- 7 Used an air purifier in my home.
- 8 Tested my soil for chemicals and contaminants.
- 9 Other, please specify:

10 I have not done anything to avoid the contamination.

ssfl009a.other (other activities done to avoid contamination in section Ssfl)
STRING

END OF GROUP

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl009b (activities would do to avoid contamination in section Ssfl)
Had you known about the Santa Susana Field Laboratory, what activities, if any, would you have done to **specifically** avoid the contamination?

- 1 Stopped eating fruits, vegetables, and/or herbs grown in my yard.
- 2 Stopped eating farm fresh produce from local farms.
- 3 Stopped hiking on trails near the Santa Susana Field Laboratory.
- 4 Left shoes outside my home to avoid bringing in dust and dirt.
- 5 Filtered tap water or used bottled water for drinking and cooking.
- 6 Avoided time outside in my yard, especially during rain and wind.
- 7 Used an air purifier in my home.
- 8 Tested my soil for chemicals and contaminants.
- 9 Other, please specify:
- 10 I would not have done anything to avoid the contamination.

ssfl009b.other (other activities would do to avoid contamination in section Ssfl)
STRING

END OF GROUP

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl010.intro (Section Ssfl)
How effective do you think these activities are in lowering exposure to contamination from the Santa Susana Field Laboratory?

SUBGROUP OF QUESTIONS

ssfl010a (Not eating fruits, vegetables, and/or herbs grown at home. in section Ssfl)
Not eating fruits, vegetables, and/or herbs grown at home.

ssfl010b (Not eating farm fresh produce from local farms. in section Ssfl)
Not eating farm fresh produce from local farms.

ssfl010c (Not hiking on trails near the Santa Susana Field Laboratory. in section Ssfl)

Not hiking on trails near the Santa Susana Field Laboratory.

ssfl010d (Leaving shoes outside the home to avoid bringing in dust and dirt. in section Ssfl)

Leaving shoes outside the home to avoid bringing in dust and dirt.

ssfl010e (Filtering tap water or using bottled water for drinking and cooking. in section Ssfl)

Filtering tap water or using bottled water for drinking and cooking.

ssfl010f (Avoiding time outside around the home, especially during rain and wind. in section Ssfl)

Avoiding time outside around the home, especially during rain and wind.

ssfl010g (Using an air purifier in the home. in section Ssfl)

Using an air purifier in the home.

ssfl010h (Testing the soil for chemicals and contaminants. in section Ssfl)

Testing the soil for chemicals and contaminants.

IF ssfl001 = 1 THEN

IF ssfl009a_other = RESPONSE THEN

ssfl010i (other did how effective in section Ssfl)
(other activities done to avoid contamination())

END OF IF

ELSE

IF ssfl009b_other = RESPONSE THEN

ssfl010j (other would do how effective in section Ssfl)
(other activities would do to avoid contamination())

END OF IF

END OF IF

END OF SUBGROUP

END OF GROUP

IF ssfl001 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl011a (activities done to share concerns in section Ssfl)

Which activities have you done, if any, to share your concerns about contamination from the Santa Susana Field Laboratory?

- 1 Participated in a protest or public demonstration.
- 2 Attended a city council or neighborhood information meeting.
- 3 Contacted federal and/or state representatives.
- 4 Signed or shared a petition.
- 5 Posted on social media.
- 6 Donated funds to cleanup advocacy group(s).
- 7 Volunteered with cleanup advocacy group(s).
- 8 Fundraised for the cleanup efforts.
- 9 Other, please specify:
- 10 I have not participated in any activities.

ssfl011a.other (other activities done to share concerns in section Ssfl)

STRING

END OF GROUP

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl011b (activities would do to share concerns in section Ssfl)

Had you known about the Santa Susana Field Laboratory, which activities would you have done, if any, to share your concerns about the contamination?

- 1 Participated in a protest or public demonstration.
- 2 Attended a city council or neighborhood information meeting.
- 3 Contacted federal and/or state representatives.
- 4 Signed or shared a petition.
- 5 Posted on social media.
- 6 Donated funds to cleanup advocacy group(s).
- 7 Volunteered with cleanup advocacy group(s).
- 8 Fundraised for the cleanup efforts.
- 9 Other, please specify:
- 10 I would not have participated in any of these activities.

ssfl011b.other (other activities would do to share concerns in section Ssfl)

STRING

END OF GROUP

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl012.intro (Section Ssfl)

How effective do you think these activities are in addressing concerns about contamination from the Santa Susana Field Laboratory?

SUBGROUP OF QUESTIONS

ssfl012a (Participating in a protest or public demonstration. in section Ssfl)

Participating in a protest or public demonstration.

ssfl012b (Attending a city council or neighborhood information meeting. in section Ssfl)

Attending a city council or neighborhood information meeting.

ssfl012c (Contacting federal and/or state representatives. in section Ssfl)

Contacting federal and/or state representatives.

ssfl012d (Signing or sharing a petition. in section Ssfl)

Signing or sharing a petition.

ssfl012e (Posting on social media. in section Ssfl)

Posting on social media.

ssfl012f (Donating funds to cleanup advocacy group(s). in section Ssfl)

Donating funds to cleanup advocacy group(s).

ssfl012g (Volunteering with cleanup advocacy group(s). in section Ssfl)

Volunteering with cleanup advocacy group(s).

ssfl012h (Fundraising for the cleanup efforts. in section Ssfl)

Fundraising for the cleanup efforts.

IF ssfl001 = 1 THEN

IF ssfl011a_other = RESPONSE THEN

ssfl012i (other activities done how effective to share concern in section Ssfl)
(other activities done to share concerns())

END OF IF

ELSE

IF ssfl011b_other = RESPONSE THEN

ssfl012j (other activities would do how effective to share concern in section Ssfl)
(other activities would do to share concerns())

END OF IF

END OF IF

END OF SUBGROUP

END OF GROUP

ssfl013 (cost lowering personal risk from contamination in section Ssfl)

Lowering my personal risk from the Santa Susana Field Laboratory contamination would come at...

- 1 no financial cost to me.
- 2 a minimal financial cost to me.
- 3 a moderate financial cost to me.
- 4 a significant financial cost to me.
- 5 an extreme financial cost to me.

ssfl014 (how severe contamination in section Ssfl)

On a scale of 0-100, where 0 is not at all severe and 100 is extremely severe, please click on and move the slider to indicate **how severe you think the contamination is from the Santa Susana Field Laboratory.**

Severity of Contamination
RANGE 0..100

ssfl015 (level of risk contamination to R health in section Ssfl)

On a scale of 0-100, where 0 is not at all risky and 100 is extremely risky, please click on and move the slider to represent **the level of risk you think contamination from the Santa Susana Field Laboratory poses to your health.**

Risk to Personal Health
RANGE 0..100

ssfl016 (level of risk contamination to community health in section Ssfl)

On a scale of 0-100, where 0 is not at all risky and 100 is extremely risky, please click on and move the slider to represent **the level of risk you think contamination from the Santa Susana Field Laboratory poses to the health of your community.**

Risk to Community Health
RANGE 0..100

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl017.intro (Section Ssfl)

When we use the term "government" in the following, we are generally referring to all local, state, and federal governments and agencies.

Let us know how much you agree or disagree with the following statements when it comes to dealing with the contamination from the Santa Susana Field Laboratory.

SUBGROUP OF QUESTIONS

ssfl017a (The government is effective in dealing with the contamination. in section Ssfl)

The government is effective in dealing with the contamination.

ssfl017b (The government has the appropriate expertise to deal with the contamination. in section Ssfl)

The government has the appropriate expertise to deal with the contamination.

ssfl017c (The government is acting in the interests of its citizens when dealing with the contamination. in section Ssfl)

The government is acting in the interests of its citizens when dealing with the contamination.

ssfl017d (The government keeps its commitments when dealing with the contamination. in section Ssfl)

The government keeps its commitments when dealing with the contamination.

ssfl017e (The government is honest when it comes to dealing with the contamination. in section Ssfl)

The government is honest when it comes to dealing with the contamination.

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl018 (groups responsible for contamination in section Ssfl)

When thinking about the Santa Susana Field Laboratory, please select which groups you believe are responsible for **causing the contamination**. Check all that apply.

- 1 Boeing
- 2 Department of Energy
- 3 Department of Toxic Substances Control
- 4 Environmental Protection Agency
- 5 Los Angeles Regional Water Quality Control Board
- 6 The local government

- 7 NASA
- 8 State of California
- 9 Other, please specify:
- 10 None of these
- 11 I don't know

ssfl018.other (other groups responsible contamination in section Ssfl)
STRING

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl019 (groups clean up contamination in section Ssfl)
When thinking about the Santa Susana Field Laboratory, please select which groups you believe **should clean up the contamination**. Check all that apply.

- 1 Boeing
- 2 Department of Energy
- 3 Department of Toxic Substances Control
- 4 Environmental Protection Agency
- 5 Los Angeles Regional Water Quality Control Board
- 6 The local government
- 7 NASA
- 8 State of California
- 9 Other, please specify:
- 10 None of these
- 11 I don't know

ssfl019.other (other groups clean up contamination in section Ssfl)
STRING

END OF GROUP

ssfl020.intro (I worry about my health. in section Ssfl)
The following questions will ask you how you feel about your health.

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl020 (I worry about my health. in section Ssfl)
I worry about my health.

- 1 Never
- 2 Occasionally
- 3 Much of the time
- 4 Most of the time

ssfl021 (notice aches and pains in section Ssfl)

Compared to other people my age, I notice aches and pains.

- 1 Less than most other people
- 2 As much as most other people
- 3 More than most other people
- 4 In my body all the time

ssfl022 (awareness of bodily sensations or changes in section Ssfl)

Which statement best describes your awareness of bodily sensations or changes?

- 1 As a rule, I am not aware of bodily sensations or changes
- 2 Sometimes aware
- 3 Often aware
- 4 Constantly aware

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl023 (I can resist thoughts of illness in section Ssfl)

I can resist thoughts of illness:

- 1 Without a problem
- 2 Most of the time
- 3 I try to resist thoughts of illness but am often unable to do so
- 4 Thoughts of illness are so strong that I no longer even try to resist them

ssfl024 (I am afraid of having a serious illness in section Ssfl)

I am afraid of having a serious illness.

- 1 Not at all
- 2 Sometimes
- 3 Often
- 4 Always

ssfl025 (I imagine myself being ill. in section Ssfl)

I imagine myself being ill.

- 1 Never
- 2 Occasionally
- 3 Frequently
- 4 Constantly

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl026 (I have difficulty taking my mind off thoughts about my health in section Ssfl)

I have difficulty taking my mind off thoughts about my health.

- 1 Never
- 2 Sometimes
- 3 Often
- 4 Always - nothing can take my mind off thoughts about my health

ssfl027 (If my doctor tells me there is nothing wrong, I am in section Ssfl)

If my doctor tells me there is nothing wrong, I am:

- 1 Lastingly relieved
- 2 Initially relieved, but the worries sometimes return later
- 3 Initially relieved, but the worries always return later
- 4 Not relieved if my doctor tells me there is nothing wrong

ssfl028 (When I hear about an illness, I think I have it myself in section Ssfl)

When I hear about an illness, I think I have it myself.

- 1 Never
- 2 Sometimes
- 3 Often
- 4 Always

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl029 (If I have a bodily sensation or change, I wonder what it means in section Ssfl)

If I have a bodily sensation or change, I wonder what it means.

- 1 Rarely
- 2 Often
- 3 Always
- 4 If I have a bodily sensation or change, I must know what it means

ssfl030 (I usually feel my risk of developing a serious illness is in section Ssfl)

I usually feel my risk of developing a serious illness is:

- 1 Very low
- 2 Fairly low
- 3 Moderate
- 4 High

ssfl031 (I think I have a serious illness in section Ssfl)

I think I have a serious illness.

- 1 Never
- 2 Sometimes
- 3 Often
- 4 Usually

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl032 (If I notice an unexplained bodily sensation, I in section Ssfl)

If I notice an unexplained bodily sensation, I:

- 1 Don't find it difficult to think about other things
- 2 Sometimes find it difficult to think about other things
- 3 Often find it difficult to think about other things
- 4 Always find it difficult to think about other things

ssfl033 (My family or friends would say I in section Ssfl)

My family or friends would say I:

- 1 Do not worry enough about my health
- 2 Have a normal attitude to my health
- 3 Worry too much about my health
- 4 Am a hypochondriac

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ssfl034 (health diagnoses received in section Ssfl)

Please indicate what health diagnoses, if any, you have received since living in your current home.

- 1 Autoimmune Disorder or Immunodeficiencies (e.g., arthritis, Hashimoto's Disease, etc.)
- 2 Cancer (e.g., leukemia, lymphoma, etc.)
- 3 Cardiovascular Disorder (e.g., heart attack, stroke, etc.)
- 4 Respiratory Condition (e.g., asthma, COPD, etc.)
- 5 Metabolic or Endocrine Disorder (e.g., thyroid issues, diabetes, etc.)
- 6 Neurological Disorder (e.g., epilepsy, learning disabilities, etc.)
- 7 Other, please specify:
- 8 I do not wish to disclose the health diagnoses I received.
- 9 I have not received a health diagnosis since living in my current home.

ssfl034.other (other health diagnoses in section Ssfl)

STRING

ssfl035 (Of your friends and family who live near you, how many have received one of the diagnoses above? in section Ssfl)

Of your friends and family who live near you, how many have received one of the diagnoses above?

- 1 None
- 2 1
- 3 2

- 4 3
- 5 4 or more

END OF GROUP

ssfl036 (political ideology in section Ssfl)

Please indicate which option most closely aligns with your political ideology.

- 1 Very liberal
- 2 Liberal
- 3 Moderate
- 4 Conservative
- 5 Very conservative
- 6 I prefer not to disclose

End of section **Ssfl**

Start of section **Closing**

CS_005 (feelings or experiences in section Closing)

Please feel free to tell us anything else about your feelings or experience with the Santa Susana Field Laboratory, including how you feel about the contamination that is associated with the site.

STRING

CS_006 (feelings or experiences in section Closing)

Thank you for taking the time to complete this survey. Your input is greatly appreciated as it contributes to our understanding of the Santa Susana Field Laboratory located in Ventura County, California. For more information about the Santa Susana Field Laboratory, please visit https://dtsc.ca.gov/santa_susana_field_lab/.

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. */