

# UnderStandingAmericaStudy

UAS 235: CORONAVIRUS TRACKING SURVEY LONG FORM WAVE 2



Survey author(s): Center for Economic and Social Research

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## 1 INTRODUCTION

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This UAS panel survey, titled "UAS 235: Coronavirus tracking survey long form wave 2" asks respondents about the impact of the coronavirus pandemic on their lives. This survey is no longer in the field. Respondents were paid \$13 to complete the survey.

Related surveys are UAS 46 (coronavirus tracking consent survey), UAS230 (coronavirus survey wave 1) and tracking survey long and short forms for waves UAS235/236 and UAS240-UAS269. Tracking survey details available at <https://uasdata.usc.edu/page/COVID-19+Corona+Virus>

### 1.1 Topics

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This survey contains questions (among others) on the following topics: Consumer Behavior, Diet Lifestyle, Education, Employment Labor Market, Family, Health, Health Insurance, Housing, Income, Social Networks, Subjective Well-being, Covid-19. A complete survey topic categorization for the UAS can be found [here](#).

### 1.2 Experiments

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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

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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](mailto:tgutsche@usc.edu).

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## 2 SURVEY RESPONSE AND DATA

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### 2.1 Sample selection and response rate

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The sample selection for this survey was:

All active respondents who consented to participate in UAS46.

As such, this survey was made available to 5891 UAS participants. Of those 5891 participants, 5694 completed the survey and are counted as respondents. Of those who are not counted as respondents, 30 started the survey without completing and 167 did not start the survey. The overall response rate was 96.66%.

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:

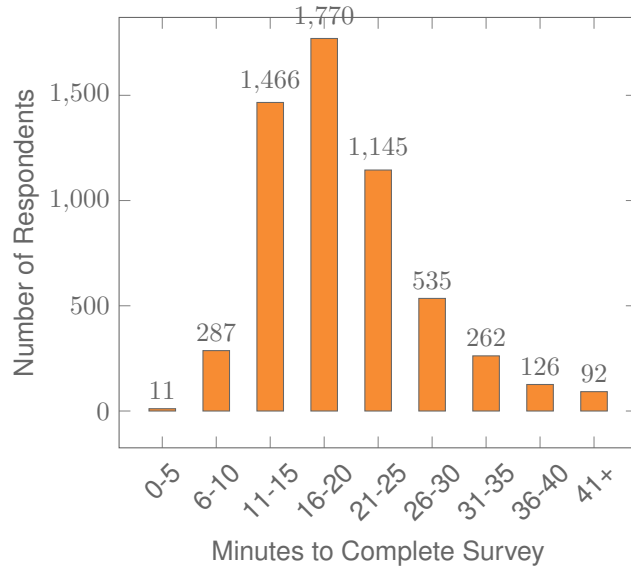
UAS235 - Response Overview	
Size of selected sample	5891
Completed the survey	5694
Started but did not complete the survey	30
Did not start the survey	167
Response rate	96.66%

### 2.2 Timings

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The survey took respondents an average of 20 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

Sample weights for this survey are computed following the general UAS Weighting Procedure. Specifically, we use a two-step process where we first compute base weights, which correct for unequal probabilities of sampling UAS members, and then generate final, post-stratification weights, which align the sample to the reference population along certain socio-economic dimensions. These are gender (male/female), race and ethnicity (White/Black/Other/Hispanic/Native American), age (18-39/40-49/50/59/60+), education (High school or less/Some college/Bachelor or more), Census regions (Northeast/Midwest/West, excl. CA/CA, excl. LAC, LAC). Benchmark distributions for these variables are derived from the 6 most recent available Current Population Survey (CPS) Basic Monthly Survey with respect to the survey's completion date. The reference population considered for the weights is the U.S. population of adults age 18 and older.

This survey dataset may contain respondents with a weight of zero. These respondents belong to a small group of UAS members for whom sample weights cannot be computed due to non-probability recruitment for special projects. Hence, while they are accounted for in the total number of survey respondents, they do not contribute to any statistics using sample weights. More information is available from the UAS Weighting Procedure. Please contact UAS staff with any questions.

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### 3 STANDARD VARIABLES

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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

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.

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## 4 BACKGROUND DEMOGRAPHICS

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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.

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## 5 MISSING DATA CONVENTIONS

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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.

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## 6 ROUTING SYNTAX

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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.



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## 7 SURVEY WITH ROUTING

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Start of section **Preload**

*/\* Respondents who participated in UAS 230 may have answered some of the questions in the survey already. To this end several answers are preloaded. \*/*

```
preload_cr002 := getUAS230Preload("cr002")
FLDateEarlierSurvey := date("F j Y", strtotime(getUAS230Preload("endtime")))
preload_hadjob := getUAS230Preload("cr008")
```

*/\* The introduction of the survey is customized for respondents depending on whether they are Los Angeles Residents or not. LA residents alternate between a long (UAS 235) and short version(UAS 236) of the survey every week while everyone else only receives the long version (UAS 235) once every two weeks. In this context laresident indicates if a respondent is a LA resident or not.*

*Variable covidday reflects the day to which respondents have been assigned to answer the survey on. If they do so they receive an additional \$1 compensation. The value of covidday can be used to determine the assigned day by adding it as the number of days to the base date 'March 30, 2020'. \*/*

```
laresident := getCovidLACounty()
covidday := getCovidDay()
Fill code of question FLCadence executed
```

End of section **Preload**

Start of section **Corona**

**cr\_intro** (Section Corona)

Thank you for agreeing to participate in our ongoing survey which focuses on the impact of the novel coronavirus (COVID-19). We will send you a reminder to check in (Monday/Tuesday/Wednesday/Thursday/Friday/Saturday/Sunday/once a week/every other week/), on (day()), to let us know how the coronavirus epidemic is affecting you.

```
cr001_questions := array(1 →"cr001a", 2 →"cr001b", 3 →"cr001c", 4 →"cr001d", 5 →"cr001e",
6 →"cr001f", 7 →"cr001g", 8 →"cr001h", 9 →"cr001i", 10 →"cr001j", 11 →"cr001k", 12
→"cr001l", 13 →"cr001m", 14 →"cr001n", 15 →"cr001o", 16 →"cr001p", 17 →"cr001q", 18
→"cr001r")
```

*/\* The question series cr001a to cr001r are presented in random order per variables cr001\_order with values:*

- 1 Fever or chills (cr001a)
- 2 Runny or stuffy nose (cr001b)
- 3 Chest congestion (cr001c)
- 4 Cough (cr001d)
- 5 Sore throat (cr001e)
- 6 Sneezing (cr001f)
- 7 Muscle or body aches (cr001g)
- 8 Headaches (cr001h)
- 9 Fatigue or tiredness (cr001i)
- 10 Shortness of breath (cr001j)
- 11 Abdominal Discomfort (cr001k)
- 12 Vomiting (cr001l)
- 13 Hair Loss (cr001m)
- 14 Dry skin (cr001n)
- 15 Body temperature higher than 100.4 F or 38.0 C (cr001o)
- 16 Diarrhea (cr001p)
- 17 Lost sense of smell (cr001q)
- 18 Skin rash (cr001r)

Answer options for all questions in the series are:

- 1 Yes
- 2 No
- 3 Unsure

\*/

**IF sizeof(cr001\_order) = 0 THEN**

**cr001\_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, 17 →17, 18 →18))**

**END OF IF**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**cr001\_intro** (Section Corona)

Have you experienced any of the following symptoms in **the past 7 days**?

**SUBGROUP OF QUESTIONS**

**LOOP FROM 1 TO 18**

*/\* Question series cr001a to cr001r are presented in random order per variables cr001\_order as described above. \*/*

**END OF LOOP**

**END OF SUBGROUP**

**END OF GROUP**

**cr002** (tested for the coronavirus in section Corona)

Have you been tested for coronavirus? If so, what was the result?

- 1 I have been tested and I tested positive (I had coronavirus)
- 2 I have been tested and I tested negative (I did **not** have coronavirus)
- 3 I have been tested and I do not know the result
- 4 I have not been tested

**cr005** (diagnosed with the coronavirus in section Corona)

Whether or not you have had a coronavirus test, has a doctor or another healthcare professional diagnosed you as having or probably having the coronavirus?

- 1 Yes
- 2 No
- 3 Unsure

**IF cr002 != 1 AND cr005 !=1 THEN**

**cr007** (think infected with coronavirus in section Corona)

Do you think you have been infected with the coronavirus?

- 1 Yes
- 2 No

**IF cr002 = 4 THEN**

**cr003** (cost of getting tested in section Corona)

How much do you think it would cost for you to get tested?

RANGE 0..9223372036854775807

**END OF IF**

**END OF IF**

**IF cr002 = 1 OR cr005 = 1 OR cr007 = 1 THEN**

Fill code of question FL\_cr011 executed

**cr011** (contacted a doctor, employer, family in section Corona)

Have you contacted anyone(, other than the medical professionals that tested or diagnosed or treated you, ) to inform them you have coronavirus?

1 Yes

2 No

**IF cr011 = 1 THEN**

```
cr012_questions := array(1 →"cr012a", 2 →"cr012b", 3 →"cr012c", 4 →"cr012d", 5  
→"cr012e", 6 →"cr012f", 7 →"cr012g", 8 →"cr012h")
```

*/\* The question series cr012a to cr012h are presented in random order per variables cr012\_order with values:*

- o 1 A local health departments or hotline (cr012a)*
- o 2 Hospital or emergency room (cr012b)*
- o 3 My primary care doctor or another doctor (cr012c)*
- o 4 My employer, supervisor or school (cr012d)*
- o 5 Community or religious leaders (cr012e)*
- o 6 Family or friends (cr012f)*
- o 7 Online social contacts such as people on Facebook or (cr012g) Twitter*
- o 8 Other (cr012h)*

*Answer options for all questions in the series are:*

- o 1 Yes*
- o 2 No*

*\*/*

**IF sizeof(cr012\_order) = 0 THEN**

```
cr012_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7))  
cr012_order(8) := 8
```

**END OF IF**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**cr012.intro** (Section Corona)

Who have you contacted to let them know that you think you have coronavirus?  
Please check all that apply.

**SUBGROUP OF QUESTIONS**

**LOOP FROM 1 TO 8**

*/\* Question series cr012a to cr012h are presented in random order per variables  
cr012\_order as described above. \*/*

**END OF LOOP**

**END OF SUBGROUP**

**cr012h.other** (specify other contacted in section Corona)

STRING

**END OF GROUP**

**END OF IF**

**END OF IF**

**cr004** (sought care in section Corona)

Whether or not you have been tested, or diagnosed, have you sought medical care for coronavirus?

1 Yes

2 No

**IF cr004 = 1 THEN**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**cr009** (where seek help in section Corona)

Where did you first seek medical care for coronavirus?

1 Hospital or emergency room

2 Urgent care

3 My primary care doctor or another doctor

4 A local health department

5 Other, please specify:

6 I did not seek care

**cr009.other** (other where seek help in section Corona)

STRING

**END OF GROUP**

```

IF cr009 = RESPONSE THEN
  LOOP FROM 1 TO 5
    IF cnt IN cr009 THEN
      Fill code of question FL_cr009_dummy executed

      cr010a (find care in section Corona)
      When you sought care from (hospital or emergency room/urgent care/your
      primary care doctor or another doctor/a local health department/~cr009_other)
      did you obtain care?
      1 Yes, in person
      2 Yes, phone or video visit
      3 Did not obtain care

      IF cr010a(cnt) = 1 THEN
        cr010b (called ahead before seeking care in section Corona)
        Did you call ahead before seeking care in person?
        1 Yes
        2 No

      END OF IF

    END OF IF

  END OF LOOP
END OF IF
END OF IF

cr013 (have health insurance in section Corona)
Do you currently have health insurance?
1 Yes
2 No
3 Unsure

End of section Corona

Start of section Behavior

cr014_questions := array(1 →"cr014a", 2 →"cr014b", 3 →"cr014c", 4 →"cr014d", 5 →"cr014e",
6 →"cr014f", 7 →"cr014g", 8 →"cr014h", 9 →"cr014i", 10 →"cr014j", 11 →"cr014k", 12
→"cr014l", 13 →"cr014m", 14 →"cr014n", 15 →"cr014o", 16 →"cr014p", 17 →"cr014q", 18
→"cr014r")

```

/\* The question series cr014a to cr014r are presented in random order per variables cr014\_order with values:

- o 1 Fever or chills (cr014a)
- o 2 Runny or stuffy nose (cr014b)
- o 3 Chest congestion (cr014c)
- o 4 Skin rash (cr014d)
- o 5 Cough (cr014e)
- o 6 Sore throat (cr014f)
- o 7 Sneezing (cr014g)
- o 8 Muscle or body aches (cr014h)
- o 9 Headaches (cr014i)
- o 10 Fatigue or tiredness (cr014j)
- o 11 Shortness of breath (cr014k)
- o 12 Abdominal discomfort (cr014l)
- o 13 Vomiting (cr014m)
- o 14 Hair Loss (cr014n)
- o 15 Dry skin (cr014o)
- o 16 Body temperature higher than 100.4 F or 38.0 C (cr014p)
- o 17 Diarrhea (cr014q)
- o 18 Lost sense of smell (cr014r)

Answer options for all questions in the series are:

- o 1 Yes
- o 2 No
- o 3 Unsure

\*/

**IF sizeof(cr014\_order) = 0 THEN**

```
cr014_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, 17 →17, 18 →18))
```

END OF IF

## GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr014\_intro** (Section Behavior)

Which of the following are the main symptoms people infected with the coronavirus experience?

### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 18

/\* Question series cr014a to cr014r are presented in random order per variables cr014\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

### END OF GROUP

```
cr015_questions := array(1 →"cr015a", 2 →"cr015b", 3 →"cr015c", 4 →"cr015d", 5 →"cr015e",  
6 →"cr015f", 7 →"cr015g", 8 →"cr015h", 9 →"cr015i", 10 →"cr015j", 11 →"cr015k", 12  
→"cr015l")
```

/\* The question series cr015a to cr015l are presented in random order per variables cr015\_order with values:

- 1 Gone out to a bar, club, or other place where people gather (cr015a)
- 2 Gone to the grocery store or pharmacy (cr015b)
- 3 Gone to a friend, neighbor, or relative's residence (that is not your own) (cr015c)
- 4 Had visitors such as friends, neighbors or relatives at your residence (cr015d)
- 5 Attended a gathering with more than 10 people, such as a reunion, wedding, funeral, birthday party, concert, or religious service (cr015e)
- 6 Sought care from a hospital or health care facility (cr015f)
- 7 Been placed in isolation or quarantine (cr015g)
- 8 Remained in your residence at all times, except for essential activities or exercise (cr015h)
- 9 Shared items like towels or utensils with other people (cr015i)
- 10 Had close contact (within 6 feet) with people who live with you (cr015j)



- o 11 Had close contact (within 6 feet) with people who do not live with you (cr015k)
- o 12 Gone outside to walk, hike, or exercise (cr015l)

Answer options for all questions in the series are:

- o 1 Yes
- o 2 No
- o 3 Unsure

\*/

IF sizeof(cr015\_order) = 0 THEN

```
cr015_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))
```

END OF IF

## GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr015\_intro** (Section Behavior)

In the last **seven days**, have you done the following:

### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 12

```
/* Question series cr015a to cr015l are presented in random order per variables
cr015_order as described above. */
```

END OF LOOP

END OF SUBGROUP

END OF GROUP

```
cr016_questions := array(1 →"cr016b", 2 →"cr016c", 3 →"cr016d", 4 →"cr016e", 5 →"cr016f",
6 →"cr016g", 7 →"cr016h", 8 →"cr016i", 9 →"cr016j", 10 →"cr016k", 11 →"cr016l", 12
→"cr016m", 13 →"cr016n", 14 →"cr016o", 15 →"cr016p", 16 →"cr016r")
```

/\* The question series cr016b to cr016r are presented in random order per variables cr016\_order with values (variable cr016a and cr016q have been intentionally omitted):

- o 1 Washed your hands with soap or used hand sanitizer several times per day (cr016b)
- o 2 Canceled or postponed air travel for work (cr016c)

- 3 Canceled or postponed air travel for pleasure (cr016d)
- 4 Canceled or postponed work or school activities (cr016e)
- 5 Canceled or postponed personal or social activities (cr016f)
- 6 Visited a doctor (cr016g)
- 7 Canceled a doctor's appointment (cr016h)
- 8 Stockpiled food or water (cr016i)
- 9 Avoided contact with people who could be high-risk (cr016j)
- 10 Avoided public spaces, gatherings, or crowds (cr016k)
- 11 Prayed (cr016l)
- 12 Avoided eating at restaurants (cr016m)
- 13 Stockpiled hand sanitizer or disinfectant wipes (cr016n)
- 14 Worked or studied at home (cr016o)
- 15 Worn a mask or other face covering (cr016p)
- 16 Stockpiled medication (cr016r)

Answer options for all questions in the series are:

- 1 Yes
- 2 No
- 3 Unsure

\*/

IF sizeof(cr016\_order) = 0 THEN

```
cr016_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))
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr016.intro** (Section Behavior)

Which of the following have you done in the **last seven days** to keep yourself safe from coronavirus?

**Only consider actions that you took or decisions that you made personally.**

## SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 16

/\* Question series cr016a to cr016r are presented in random order per variables cr016\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

## END OF GROUP

**cr017** (federal, state, or local governments encouraged to limit non-essential travel in section Behavior)

Have Federal, state, or local governments **encouraged** you to limit non-essential travel?

- 1 Yes
- 2 No
- 3 Unsure

**cr018** (federal, state, or local governments required to limit non-essential travel in section Behavior)

Have Federal, state, or local governments **required** you to limit non-essential travel?

- 1 Yes
- 2 No
- 3 Unsure

cr019\_questions := array(1 →"cr019a", 2 →"cr019b", 3 →"cr019c", 4 →"cr019d", 5 →"cr019e", 6 →"cr019f", 7 →"cr019g", 8 →"cr019h", 9 →"cr019i", 10 →"cr019j")

/\* The question series cr019a to cr019j are presented in random order per variables cr019\_order with values:

- 1 Wearing a face mask such as the one shown here (cr019a)
- 2 Praying (cr019b)
- 3 Washing your hands with soap or using hand sanitizer frequently (cr019c)
- 4 Seeing a doctor if you feel sick (cr019d)
- 5 Seeing a doctor if you feel healthy but worry that you were exposed (cr019e)
- 6 Avoiding public spaces, gatherings, and crowds (cr019f)
- 7 Avoiding contact with people who could be high-risk (cr019g)
- 8 Avoiding hospitals and clinics (cr019h)

- o 9 Avoiding restaurants (cr019i)
- o 10 Avoiding airplanes (cr019j)

Answer options for all questions in the series are:

- o 1 Extremely Ineffective
- o 2 Somewhat Ineffective
- o 3 Somewhat Effective
- o 4 Extremely Effective
- o 5 Unsure

\*/

IF sizeof(cr019\_order) = 0 THEN

```
cr019_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9
→9, 10 →10))
```

END OF IF

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr019\_intro** (Section Behavior)

How effective are the following actions for keeping you safe from coronavirus?

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 10

```
/* Question series cr019a to cr019j are presented in random order per variables
cr019_order as described above. */
```

END OF LOOP

END OF SUBGROUP

END OF GROUP

```
cr020_questions := array(1 →"cr020a", 2 →"cr020b", 3 →"cr020c", 4 →"cr020d", 5 →"cr020e",
6 →"cr020f", 7 →"cr020g", 8 →"cr020h", 9 →"cr020i", 10 →"cr020j", 11 →"cr020k")
```

/\* The question series cr020a to cr020k are presented in random order per variables cr020\_order with values:

- o 1 Grocery shopping (cr020a)

- o 2 Attending gatherings of more than 100 people (cr020b)
- o 3 Going to the hospital (cr020c)
- o 4 Dining in at restaurants (cr020d)
- o 5 Eating take-out meals from restaurants (cr020e)
- o 6 Visiting with relatives or friends in their home (cr020f)
- o 7 Handling packages that have been delivered (cr020g)
- o 8 Playing on playground equipment (cr020h)
- o 9 Touching door knobs, countertops, and other surfaces in your home (cr020i)
- o 10 Interacting closely with other members of your household (cr020j)
- o 11 Going outside to walk, hike, or exercise (cr020k)

Answer options for all questions in the series are:

- o 1 Extremely Safe
- o 2 Somewhat Safe
- o 3 Somewhat Unsafe
- o 4 Extremely Unsafe
- o 5 Unsure

\*/

IF sizeof(cr020\_order) = 0 THEN

```
cr020_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))
```

END OF IF

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr020\_intro** (Section Behavior)

How safe or unsafe are the following actions for avoiding exposure to coronavirus?

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 11

```
/* Question series cr020a to cr020k are presented in random order per variables
cr020_order as described above. */
```

| | END OF LOOP

| END OF SUBGROUP

END OF GROUP

**cr021** (how many family or close friends in section Behavior)

We'd like to ask about your family, as well as your close friends. How many family or close friends do you have? Only include people who are still alive, regardless of where they live.  
RANGE 0..9223372036854775807

IF **cr021** > 999 THEN

| **cr021\_warning** (warning how many family or close friends in section Behavior)

| Do you really have (how many family or close friends()) family and close friends? If so, click "Next" to continue.

END OF IF

IF **cr021** > 0 THEN

| **cr022** (infected how many family or close friends in section Behavior)

| You said that you have (how many family or close friends()) family and close friends. Of these people, how many do you think have been infected with the coronavirus?  
RANGE 0..9223372036854775807

| IF **cr022** > **cr021** THEN

| | **cr022\_warning** (Section Behavior)

| | You said you know (how many family or close friends()) people but that (infected how many family or close friends()) people have been infected. Please go back and correct your answer(s).

| ELSEIF **cr022** > 999 THEN

| | **cr022\_warning2** (Section Behavior)

| | Do you really know (infected how many family or close friends()) people who have been infected? If so, click "Next" to continue.

| END OF IF

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

| **cr023** (chance get coronavirus in next 3 months in section Behavior)

| On a scale of 0 to 100 percent, what is the chance that you will get the coronavirus in the **next three months**? If you're not sure, please give your best guess.  
RANGE 0..100

| **cr\_error** (Section Corona)

| Please enter a number between 0% and 100%.

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr024** (chance die from coronavirus in section Behavior)

If you do get the coronavirus, what is the percent chance you will die from it? If you're not sure, please give your best guess.

RANGE 0..100

**cr\_error** (Section Corona)

Please enter a number between 0% and 100%.

END OF GROUP

```
cr025_questions := array(1 →"cr025a", 2 →"cr025b", 3 →"cr025c", 4 →"cr025d")
```

```
/* The question series cr025a to cr025d are presented in random order per variables  
cr025_order with values:
```

- o 1 Have many known harmful side effects (cr025a)
- o 2 Provide important benefits to society (cr025b)
- o 3 May lead to illness and death (cr025c)
- o 4 Are useful and effective (cr025d)

```
Answer options for all questions in the series are:
```

- o 1 Strongly disagree
- o 2 Disagree
- o 3 Agree
- o 4 Strongly agree

```
*/
```

```
IF sizeof(cr025_order) = 0 THEN
```

```
| cr025_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))
```

```
END OF IF
```

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr025\_intro** (Section Behavior)

Do you agree or disagree with the following statements?

Childhood vaccines, such as those for measles and chickenpox:

**SUBGROUP OF QUESTIONS**

LOOP FROM 1 TO 4

/\* Question series cr025a to cr025d are presented in random order per variables cr025\_order as described above. \*/

END OF LOOP

**END OF SUBGROUP**

**END OF GROUP**

**cr030** (how likely to get vaccinated for coronavirus once vaccination in section Behavior)

How likely are you to get vaccinated for coronavirus once a vaccination is available to the public?

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

cr031\_questions := array(1 →"cr031a", 2 →"cr031b", 3 →"cr031c", 4 →"cr031d")

/\* The question series cr031a to cr031d are presented in random order per variables cr031\_order with values:

- o 1 Most people believe that people with coronavirus are dangerous (cr031a)
- o 2 Most people believe that people who used to have coronavirus are dangerous (cr031b)
- o 3 Most people believe that having coronavirus is a sign of personal weakness or failure (cr031c)
- o 4 If I caught the coronavirus, I would consider it a sign of my personal weakness or failure (cr031d)

Answer options for all questions in the series are:

- o 1 Strongly disagree



- 2 Disagree
- 3 Somewhat disagree
- 4 Agree
- 5 Somewhat agree
- 6 Strongly agree

\*/

```
IF sizeof(cr031_order) = 0 THEN
| cr031_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))
END OF IF
```

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr031\_intro** (Section Behavior)

Do you agree or disagree with the following statements?

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 4

/\* Question series cr031a to cr031d are presented in random order per variables cr031\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

END OF GROUP

End of section **Behavior**

Start of section **Abuse**

```
cr026_questions := array(1 →"cr026a", 2 →"cr026b", 3 →"cr026c", 4 →"cr026d", 5 →"cr026e",
6 →"cr026f", 7 →"cr026g")
```

/\* The question series cr026a to cr026g are presented in random order per variables cr026\_order with values:

- 1 Drank alcohol (cr026a)
- 2 Used cannabis products such as marijuana (cr026b)

- 3 Used recreational drugs other than alcohol or cannabis products (cr026c)
- 4 Meditated (cr026d)
- 5 Got extra exercise (cr026e)
- 6 Made time to relax (cr026f)
- 7 Connected socially with friends or family (either online or in person) (cr026g)

Answer options for all questions in the series are:

- 0 0 days
- 1 1 day
- 2 2 days
- 3 3 days
- 4 4 days
- 5 5 days
- 6 6 days
- 7 7 days

\*/

IF sizeof(cr026\_order) = 0 THEN

| cr026\_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7))

END OF IF

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr026\_intro** (Section Abuse)

Out of **the past 7 days**, what is your best estimate of the number of days that you did each of the following activities?

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 7

| /\* Question series cr026a to cr026g are presented in random order per variables cr026\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr027\_intro** (Section Abuse)

Over the **past fourteen days**, how often have you been bothered by any of the following problems?

SUBGROUP OF QUESTIONS

**cr027a** (how often Feeling nervous, anxious, or on edge in section Abuse)

Feeling nervous, anxious, or on edge

- 1 Not at all
- 2 Several days
- 3 More than half the days
- 4 Nearly every day

**cr027b** (how often Not being able to stop or control worrying in section Abuse)

Not being able to stop or control worrying

- 1 Not at all
- 2 Several days
- 3 More than half the days
- 4 Nearly every day

**cr027c** (how often Feeling down, depressed, or hopeless in section Abuse)

Feeling down, depressed, or hopeless

- 1 Not at all
- 2 Several days
- 3 More than half the days
- 4 Nearly every day

**cr027d** (how often Little interest or pleasure in doing things in section Abuse)

Little interest or pleasure in doing things

- 1 Not at all
- 2 Several days
- 3 More than half the days
- 4 Nearly every day

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr028\_intro** (Section Abuse)

In the **past fourteen days**, how often have you felt:

**SUBGROUP OF QUESTIONS**

**cr028a** (That you were unable to control the important things in your life in section Abuse)

That you were unable to control the important things in your life?

- 1 Never
- 2 Almost Never
- 3 Sometimes
- 4 Fairly Often
- 5 Very Often

**cr028b** (Confident about your ability to handle personal problems in section Abuse)

Confident about your ability to handle personal problems?

- 1 Never
- 2 Almost Never
- 3 Sometimes
- 4 Fairly Often
- 5 Very Often

**cr028c** (That things were going your way in section Abuse)

That things were going your way?

- 1 Never
- 2 Almost Never
- 3 Sometimes
- 4 Fairly Often
- 5 Very Often

**cr028d** (Difficulties were piling up so high that you could not overcome them in section Abuse)

Difficulties were piling up so high that you could not overcome them?

- 1 Never
- 2 Almost Never
- 3 Sometimes
- 4 Fairly Often
- 5 Very Often

**END OF SUBGROUP**

**END OF GROUP**

cr029\_questions := array(1 →"cr029a", 2 →"cr029b", 3 →"cr029c", 4 →"cr029d")

/\* The question series cr029a to cr029d are presented in random order per variables cr029\_order with values:

- o 1 You were treated with less courtesy and respect than other people (cr029a)
- o 2 You received poorer service than other people at restaurants or stores (cr029b)
- o 3 People acted as if they were afraid of you (cr029c)
- o 4 You were threatened or harassed (cr029d)

Answer options for all questions in the series are:

- o 1 Yes
- o 2 No
- o 3 Unsure

\*/

```
IF sizeof(cr029_order) = 0 THEN
| cr029_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))
END OF IF
```

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr029\_intro** (Section Abuse)

Have any of the following things happened to you due to people thinking you might have the coronavirus?

#### SUBGROUP OF QUESTIONS

```
LOOP FROM 1 TO 4
```

```
| /* Question series cr029a to cr029d are presented in random order per variables
| cr029_order as described above. */
```

```
END OF LOOP
```

```
END OF SUBGROUP
```

```
END OF GROUP
```

End of section **Abuse**

Start of section **Labor**

```
IF preload_hadjob = 1 THEN
```

**Ir001** (employment status in section Labor)

The next set of questions are about your primary job. If you have multiple jobs, think of the job in which you work the most hours or receive the most pay.

You told us on (date of earlier survey()) that you had a job. Which statement best reflects your current employment status:

- 1 I am still working in the same job
- 2 I lost my job and I am looking for work
- 3 I have been temporarily laid off from the same job
- 4 I am on sick leave or other leave from the same job
- 5 I am now working at a different job
- 6 None of these

**IF Ir001 = 2 OR Ir001 = 3 OR Ir001 = 4 THEN**

**Ir002** (still receiving benefits in section Labor)

Are you still receiving benefits such as health insurance through your former job?

- 1 Yes
- 2 No
- 3 Unsure

**END OF IF**

**ELSE**

**IF preload\_hadjob = RESPONSE THEN**

**Ir003** (employment status prev no job in section Labor)

The next set of questions are about your primary job. If you have multiple jobs, think of the job in which you work the most hours or receive the most pay.

You told us on (date of earlier survey()) that you did not have a job. Which statement best reflects your current employment status:

- 1 I still do not have a job
- 2 I now have a job
- 3 None of these

**ELSE**

**Ir003a** (currently have job in section Labor)

The next set of questions are about your primary job. If you have multiple jobs, think of the job in which you work the most hours or receive the most pay.

Do you currently have a job?

- 1 Yes
- 2 No

**END OF IF**

**END OF IF**

Ir004 := 2

IF (preload\_hadjob = 1 AND (lr001 = 1 OR lr001 = 5)) OR (preload\_hadjob = RESPONSE AND lr003 = 2) OR (preload\_hadjob = EMPTY AND lr003a = 1) THEN

| lr004 := 1

END OF IF

IF lr004 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**lr005** (self employed or work for employer in section Labor)

In your primary job, are you self-employed or do you work for an employer?

- 1 Self-employed
- 2 Work for an employer
- 3 Other (specify)

**lr005\_other** (self employed or work for employer other in section Labor)

Are you self-employed or do you work for an employer?

STRING

END OF GROUP

**lr019** (describe primary job in section Labor)

Do any of the following describe your primary job? Please check all that apply.

- 1 Independent contractor (for example, freelance worker, Uber driver, Instacart worker, independent consultant)
- 2 On-call worker or day laborer
- 3 Temporary agency worker
- 4 Contract company worker
- 5 None of the above

**lr006** (how many day work past seven days in section Labor)

Out of the **past seven days**, how many days did you work at your job?

- 0 0 days
- 1 1 day
- 2 2 days
- 3 3 days
- 4 4 days
- 5 5 days
- 6 6 days
- 7 7 days

**lr008** (home many hours work for pay past 7 days in section Labor)

Think of every day you worked in the **past seven days**. How many total hours did you work for pay across all the days?

RANGE 0..150

**Ir009** (hours reduced since march in section Labor)

Have your work hours been reduced since March 1, 2020?

- 1 Yes
- 2 No
- 3 Unsure

**IF Ir005 = 2 THEN**

**Ir020** (employer instructed you to work from home in section Labor)

Has your employer instructed you to work from home?

- 1 Yes
- 2 No
- 3 Unsure

**END OF IF**

**Ir007** (how many day work from home past seven days in section Labor)

Out of the **past seven days**, how many days did you work from home?

- 0 0 days
- 1 1 day
- 2 2 days
- 3 3 days
- 4 4 days
- 5 5 days
- 6 6 days
- 7 7 days

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**Ir010** (how frequently paid in section Labor)

How frequently are you paid for your job?

- 1 Monthly
- 2 Every two weeks
- 3 Every week
- 4 Every day
- 5 Other (specify)

**Ir010\_other** (how frequently paid other in section Labor)

How frequently are you paid?

STRING

**END OF GROUP**

**Ir011** (amount most recent paycheck in section Labor)



What was the amount on your most recent paycheck?  
RANGE 1..10000000

**IF Ir011 > 50000 THEN**

**check.Ir011** (amount over 50k in section Labor)  
You entered an amount over \$50,000. Is this correct?  
1 Yes  
2 No

**END OF IF**

**Ir012** (amount before or after taxes in section Labor)  
Is that amount before or after taxes were withheld?  
1 Before taxes (gross)  
2 After taxes (net)  
3 Unsure

**Ir013** (how may days stay home and still get paid in section Labor)  
If you get sick, how many days can you stay home from your job and still get paid?  
1 0  
2 1-7  
3 8-14  
4 More than 14

**IF Ir013 > 1 AND Ir005 = 2 THEN**

**Ir014** (require permission to use sick days in section Labor)  
Do you require your employer's permission to use these sick days?  
1 Yes  
2 No  
3 Unsure

**END OF IF**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**Ir015** (percent chance you lose your job in section Labor)  
The coronavirus may cause economic challenges for some people regardless of whether they are actually infected.

What is the percent chance that you will lose your job because of the coronavirus within the **next three months**?  
RANGE 0..100

**cr.error** (Section Corona)  
Please enter a number between 0% and 100%.

| **END OF GROUP**

**ELSE**

**Ir016** (received unemployment insurance past 14 days in section Labor)  
Have you received unemployment insurance benefits in the past fourteen days?  
1 Yes  
2 No  
3 Unsure

**IF Ir016 = 1 THEN**

**Ir017** (amount unemployment insurance in section Labor)  
How much did you receive in unemployment insurance in your most recent payment?  
RANGE 1..10000

**IF Ir017 > 5000 THEN**

**check.Ir017** (amount over 5k in section Labor)  
You entered an amount over \$5,000. Is this correct?  
1 Yes  
2 No

**END OF IF**

**ELSEIF Ir016 = RESPONSE THEN**

**Ir018** (why not received unemployment insurance benefits in section Labor)  
Why haven't you received unemployment insurance benefits? Mark all that apply.  
1 My former employer has not made me eligible  
2 I am not eligible for other reasons  
3 I am unsure how to apply  
4 I was approved but I haven't been paid yet  
5 I applied and was rejected  
6 I decided not to apply  
7 Other

**END OF IF**

**END OF IF**

End of section **Labor**

Start of section **Economic**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**ei001** (chance run out of money in section Economic)  
The coronavirus may cause economic challenges for some people regardless of whether they are actually infected.

What is the percent chance you will run out of money because of the coronavirus in the **next three months**?

RANGE 0..100

**cr\_error** (Section Corona)

Please enter a number between 0% and 100%.

## END OF GROUP

**ei002** (worried you would run out of food in section Economic)

In the **past seven days**, were you worried you would run out of food because of a lack of money or other resources?

- 1 Yes
- 2 No
- 3 Unsure

**ei003** (did you eat less in section Economic)

In the **past seven days**, did you eat less than you thought you should because of a lack of money or other resources?

- 1 Yes
- 2 No
- 3 Unsure

**ei004** (did you go without eating in section Economic)

In the **past seven days**, did you go without eating for a whole day because of a lack of money or other resources?

- 1 Yes
- 2 No
- 3 Unsure

```
ei005_questions := array(1 →"ei005a", 2 →"ei005b", 3 →"ei005c", 4 →"ei005d", 5 →"ei005e",  
6 →"ei005f", 7 →"ei005g", 8 →"ei005h", 9 →"ei005i", 10 →"ei005j", 11 →"ei005k", 12  
→"ei005l", 13 →"ei005m")
```

/\* The question series ei005a to ei005m are presented in random order per variables ei005\_order with values:

- 1 Medicaid (ei005a)
- 2 Medicare (ei005b)
- 3 Social Security (ei005c)
- 4 Supplemental Security Income (SSI) (ei005d)
- 5 Social Security Disability Insurance (SSDI) (ei005e)
- 6 Special Supplemental Assistance Program for Women, Infants, and Children (WIC) (ei005f)

- 7 Temporary Assistance for Needy Families (TANF) (ei005g)
- 8 Supplemental Nutrition Assistance Program (SNAP or Food Stamps) (ei005h)
- 9 Children's Health Insurance Program (CHIP) (ei005i)
- 10 Housing Assistance (e.g. Section 8 or vouchers) (ei005j)
- 11 Earned Income Tax Credit (EITC) (ei005k)
- 12 Economic stimulus funds (ei005l)
- 13 Aid for people or businesses affected by the coronavirus epidemic. (ei005m)

Answer options for all questions in the series are:

- 1 Yes
- 2 No
- 3 Unsure

\*/

IF sizeof(ei005\_order) = 0 THEN

```
ei005_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))
```

END OF IF

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**ei005\_intro** (past month receive any of following intro in section Economic)  
 In the past month, did you or anyone in your household receive any of the following government benefits?

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 13

```
/* Question series ei005a to ei005m are presented in random order per variables
ei005_order as described above. */
```

END OF LOOP

END OF SUBGROUP

END OF GROUP

IF ei005h = 1 THEN

**ei006** (able to use SNAP in section Economic)

Were you able to use your SNAP (Food Stamps) benefits at the grocery store?

- 1 Yes
- 2 No
- 3 I did not try

**END OF IF**

**ei007** (file tax return in section Economic)

Did you file a tax return this year or last year?

- 1 Yes
- 2 No
- 3 Unsure

**ei008** (owe money on student loans in section Economic)

Do you owe money on student loans?

- 1 Yes
- 2 No

**IF ei008 = 1 THEN**

**ei009** (permission to delay payment on student loans in section Economic)

Have you received permission from your lender to delay or reduce payment on your student loans?

- 1 Yes
- 2 No

**ei010** (missed payment in the past in section Economic)

In the past month, did you miss or delay payment on your student loans, or did you pay less than the full amount?

- 1 Yes
- 2 No

**END OF IF**

**ei011** (do you have a mortgage in section Economic)

Do you have a mortgage?

- 1 Yes
- 2 No

**IF ei011 = 1 THEN**

**ei012** (permission to delay mortgage payment in section Economic)

Have you received permission from your lender to delay or reduce payment on your mortgage?

- 1 Yes
- 2 No

**ei013** (past month delay payment on mortgage in section Economic)

In the past month, did you miss or delay payment on your mortgage, or did you pay less than the full amount?

- 1 Yes
- 2 No

**END OF IF**

**ei014** (rent primary residence in section Economic)

Do you rent your primary residence?

- 1 Yes
- 2 No

**IF ei014 = 1 THEN**

**ei015** (permission to delay or reduce rent payment in section Economic)

Have you received permission from your landlord to delay or reduce payment of your rent?

- 1 Yes
- 2 No

**ei016** (past month missed or delay rent payment in section Economic)

In the past month, did you miss or delay payment of your rent, or did you pay less than the full amount?

- 1 Yes
- 2 No

**END OF IF**

**ei017** (how confident you could come up with 2000 in section Economic)

How confident are you that you could come up with \$2,000 if an unexpected need arose within the next month?

- 1 I am certain I could come up with the full \$2,000
- 2 I could probably come up with \$2,000
- 3 I could probably **not** come up with \$2,000
- 4 I am certain I could **not** come up with \$2,000
- 5 Don't know
- 6 Prefer not to say

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**ei018\_intro** (emergency expense 400 dollars info in section Economic)

Suppose now you have an emergency expense that costs \$400. Based on your current financial situation, how would you pay this expense? If you would use more than one method, please select all that apply.

## SUBGROUP OF QUESTIONS

**ei018a** (By putting it on my credit card and paying it off in full at the next statement in section Economic)

By putting it on my credit card and paying it off in full at the next statement

- 1 Yes
- 2 No
- 3 Unsure

**ei018b** (By putting it on my credit card and paying it off over time in section Economic)

By putting it on my credit card and paying it off over time

- 1 Yes
- 2 No
- 3 Unsure

**ei018c** (With the money currently in my checking/savings account or with cash in section Economic)

With the money currently in my checking/savings account or with cash

- 1 Yes
- 2 No
- 3 Unsure

**ei018d** (Using a bank loan or line of credit in section Economic)

Using a bank loan or line of credit

- 1 Yes
- 2 No
- 3 Unsure

**ei018e** (By borrowing from a friend or family member in section Economic)

By borrowing from a friend or family member

- 1 Yes
- 2 No
- 3 Unsure

**ei018f** (Using a payday loan, deposit advance, or overdraft in section Economic)

Using a payday loan, deposit advance, or overdraft

- 1 Yes
- 2 No
- 3 Unsure

**ei018g** (By selling something in section Economic)

By selling something

- 1 Yes
- 2 No

3 Unsure

**ei018h** (I wouldn't be able to pay for the expense right now in section Economic)

I wouldn't be able to pay for the expense right now

1 Yes

2 No

3 Unsure

#### END OF SUBGROUP

#### END OF GROUP

**ei019** (something been stolen in last 7 days in section Economic)

In the **past seven days**, has anything belonging to you been stolen, such as a wallet or purse, clothing, jewelry, things in your home, or things in your vehicle?

1 Yes

2 No

3 Unsure

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**ei020\_intro** (My neighborhood is clean in section Economic)

Do you agree or disagree with each of the following statements?

#### SUBGROUP OF QUESTIONS

**ei020** (My neighborhood is clean in section Economic)

My neighborhood is clean

1 Strongly disagree

2 Disagree

3 Agree

4 Strongly agree

**ei021** (There is too much crime in my neighborhood in section Economic)

There is too much crime in my neighborhood

1 Strongly disagree

2 Disagree

3 Agree

4 Strongly agree

**ei022** (Vandalism is common in my neighborhood in section Economic)

Vandalism is common in my neighborhood

1 Strongly disagree

2 Disagree

3 Agree



4 Strongly agree

**ei023** (There are too many people hanging around on the streets near my home in section Economic)

There are too many people hanging around on the streets near my home

1 Strongly disagree

2 Disagree

3 Agree

4 Strongly agree

END OF SUBGROUP

END OF GROUP

End of section **Economic**

Start of section **School**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**ed001\_intro** (how many kids in school intro in section School)

How many members of your household are currently enrolled in preschool or daycare, primary school, middle school, high school, or post-secondary school?

Count yourself if you are enrolled in school.

SUBGROUP OF QUESTIONS

**ed001a** (preschool or day care in section School)

Preschool or day care

0 0

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10

**ed001b** (elementary school in section School)

Elementary school

0 0

1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
10 10

**ed001c** (middle school or junior high in section School)  
Middle school or junior high

0 0  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
10 10

**ed001d** (high school in section School)  
High school

0 0  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
10 10

**ed001e** (college or trade school in section School)  
College or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools

0 0  
1 1  
2 2

3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
10 10

END OF SUBGROUP

END OF GROUP

IF ed001e  $\geq$  1 THEN

**ed002** (r currently enrolled in college in section School)

Are **you** currently enrolled in college or trade school, including four-year colleges, community colleges?

- 1 Yes
- 2 No

END OF IF

IF ed001a  $\geq$  1 OR ed001b  $\geq$  1 OR ed001c  $\geq$  1 OR ed001d  $\geq$  1 THEN

**ed003** (children access to internet in section School)

Do children in this household have access to the internet during the day to support learning?

- 1 Yes
- 2 No
- 3 Unsure

IF ed003 = 1 THEN

**ed004** (what type of internet in section School)

What type(s) of internet do children in this household have to support learning? Mark all that apply.

- 1 Dedicated household internet or wifi
- 2 Dedicated cellular hotspot
- 3 Hotspot through someone's mobile phone
- 4 Other

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**ed005\_intro** (which devices used for internet in section School)

Which of the following devices do children in your household use to access the internet for learning?

**SUBGROUP OF QUESTIONS**

**ed005a** (laptop or desktop computer in section School)

A laptop, chromebook, or desktop computer

1 Yes

2 No

3 Unsure

**ed005b** (tablet in section School)

A tablet or iPad

1 Yes

2 No

3 Unsure

**ed005c** (smartphone in section School)

A smartphone

1 Yes

2 No

3 Unsure

**END OF SUBGROUP**

**END OF GROUP**

**IF ed005a = 1 THEN**

**ed006** (how many laptops or coputers in section School)

How many laptops or desktops do children in your household use for learning?

RANGE 1..50

**END OF IF**

**IF ed005b = 1 THEN**

**ed007** (how many tablets in section School)

How many tablets do children in your household use for learning?

RANGE 1..50

**END OF IF**

**IF ed005c = 1 THEN**

**ed008** (how many smartphones in section School)

How many smartphones do children in your household use for learning?

RANGE 1..50

**END OF IF**

**END OF IF**

**END OF IF**

IF ed001a ≥ 1 THEN

Fill code of question FL\_sl001 executed

**sl001** (how many household members had preschool suspended in section School)

Of the household members enrolled in **preschool** or day care, how many have had school suspended or canceled because of the coronavirus?

0 0

1 (1)

2 (2)

3 (3)

4 (4)

5 (5)

6 (6)

7 (7)

8 (8)

9 (9)

10 (10)

END OF IF

IF ed001b ≥ 1 THEN

Fill code of question FL\_sl002 executed

**sl002** (how many household members had elementary school suspended in section School)

Of the household members enrolled in **elementary school**, how many have had school suspended or canceled because of the coronavirus?

0 0

1 (1)

2 (2)

3 (3)

4 (4)

5 (5)

6 (6)

7 (7)

8 (8)

9 (9)

10 (10)

IF sl002 > 0 THEN

**sl003** (hh member in elementary school doing educational activities at home in section School)

Are the household members in **elementary school** doing educational activities at home?

1 Yes

- 2 No
- 3 Other

**IF s1003 = 1 THEN**

**s1004** (who provided the educational activities elementary in section School)

Who provided the educational activities? Mark all that apply.

- 1 The school
- 2 Me or my spouse/partner
- 3 The child
- 4 Other household members
- 5 Other

**END OF IF**

**END OF IF**

**END OF IF**

**IF ed001c ≥ 1 THEN**

Fill code of question FL\_s1005 executed

**s1005** (how many household members had middle school or junior high suspended in section School)

Of the household members enrolled in **middle school or junior high**, how many have had school suspended or canceled because of the coronavirus?

- 0 0
- 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- 6 (6)
- 7 (7)
- 8 (8)
- 9 (9)
- 10 (10)

**IF s1005 > 0 THEN**

**s1006** (hh member in middle school or junior high school doing educational activities at home in section School)

Are the household members in **middle school or junior high** doing educational activities at home?

- 1 Yes
- 2 No
- 3 Other

**IF s1006 = 1 THEN**

**sI007** (who provided the educational activities middle junior high in section School)

Who provided the educational activities? Mark all that apply.

- 1 The school
- 2 Me or my spouse/partner
- 3 The child
- 4 Other household members
- 5 Other

END OF IF

END OF IF

END OF IF

IF ed001d  $\geq$  1 THEN

Fill code of question FL\_sl008 executed

**sI008** (how many household members had high school suspended in section School)

Of the household members enrolled in **high school**, how many have had school suspended or canceled because of the coronavirus?

- 0 0
- 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- 6 (6)
- 7 (7)
- 8 (8)
- 9 (9)
- 10 (10)

IF sI008 > 0 THEN

**sI009** (hh member in high school doing educational activities at home in section School)

Are the household members in **high school** doing educational activities at home?

- 1 Yes
- 2 No
- 3 Other

IF sI009 = 1 THEN

**sI010** (who provided the educational activities high school in section School)

Who provided the educational activities? Mark all that apply.

- 1 The school
- 2 Me or my spouse/partner
- 3 The child
- 4 Other household members

```
| 5 Other  
| END OF IF  
END OF IF
```

```
sI011 (how many household members are currently in grade 12 in section School)  
How many household members are currently in Grade 12?  
RANGE 0..10
```

```
IF sI011 > 0 THEN  
| Fill code of question FLsI020 executed
```

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

```
sI020_intro (names hh members grade 12 in section School)  
What are the names of the household members who are currently in Grade 12?
```

```
sI020 (names hh members grade 12 in section School)  
(Name 1:/Name 2:/Name 3:)  
STRING
```

```
IF sI011 > 1 THEN
```

```
| sI020 (names hh members grade 12 in section School)  
| (Name 1:/Name 2:/Name 3:)  
| STRING
```

```
END OF IF
```

```
IF sI011 > 2 THEN
```

```
| sI020 (names hh members grade 12 in section School)  
| (Name 1:/Name 2:/Name 3:)  
| STRING
```

```
END OF IF
```

**END OF GROUP**

```
max12gradekids := sI011
```

```
IF max12gradekids > 3 THEN
```

```
| max12gradekids := 3
```

```
END OF IF
```



LOOP FROM 1 TO MAX12GRADEKIDS

Fill code of question FLsl012 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl012\_intro** (current plans after high school intro in section School)  
What are **(names hh members grade 12(cntSL))'s current plans** for after high school? Please mark all that apply.

SUBGROUP OF QUESTIONS

**sl012a** (No plans in section School)

No plans

1 Yes

2 No

3 Unsure

**sl012b** (Military in section School)

Military

1 Yes

2 No

3 Unsure

**sl012c** (Employment in section School)

Employment

1 Yes

2 No

3 Unsure

**sl012d** (Technical training in section School)

Technical training

1 Yes

2 No

3 Unsure

**sl012e** (Community college in section School)

Community college

1 Yes

2 No

3 Unsure

**sl012f** (Four-year college in section School)

Four-year college

1 Yes

- 2 No
- 3 Unsure

**sl012g** (Remain in high school in section School)  
Remain in high school

- 1 Yes
- 2 No
- 3 Unsure

**sl012h** (other in section School)

- Other
- 1 Yes
  - 2 No
  - 3 Unsure

END OF SUBGROUP

END OF GROUP

**sl013** (plans changed in section School)

Have **(names hh members grade 12(cntSL))'s plans** changed because of the coronavirus epidemic or school closures?

- 1 Yes
- 2 No
- 3 Unsure

IF sl013(cntSL) = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl014\_intro** (previous plans after high school intro in section School)

What were **(names hh members grade 12(cntSL))'s previous plans** for after high school? Please mark all that apply.

SUBGROUP OF QUESTIONS

**sl014a** (previous No plans in section School)

- No plans
- 1 Yes
  - 2 No
  - 3 Unsure

**sl014b** (previous Military in section School)

- Military
- 1 Yes

- 2 No
- 3 Unsure

**sl014c** (previous Employment in section School)  
Employment

- 1 Yes
- 2 No
- 3 Unsure

**sl014d** (previous Technical training in section School)  
Technical training

- 1 Yes
- 2 No
- 3 Unsure

**sl014e** (previous Community college in section School)  
Community college

- 1 Yes
- 2 No
- 3 Unsure

**sl014f** (previous Four-year college in section School)  
Four-year college

- 1 Yes
- 2 No
- 3 Unsure

**sl014g** (Remain in high school in section School)  
Remain in high school

- 1 Yes
- 2 No
- 3 Unsure

**sl014h** (previous other in section School)  
Other

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

END OF IF

| | END OF LOOP  
| END OF IF  
END OF IF

IF sl001 > 0 OR sl002 > 0 OR sl005 > 0 OR sl008 > 0 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl015** (who is mainly responsible for providing child care in section School)

Who is mainly responsible for providing child care while school is suspended or canceled? Mark all that apply:

- 1 You
- 2 Your spouse or partner
- 3 A sibling
- 4 Other extended family members such as grandparents, aunts and uncles, and cousins.
- 5 A paid child care provider such as a nanny or au pair
- 6 A child care facility not located in your home
- 7 Other, please specify

**sl015\_other** (who is mainly responsible for providing child care other in section School)

STRING

END OF GROUP

**sl021** (how difficult find affordable child care in section School)

How easy or difficult has it been for you to find affordable child care while school is suspended or canceled?

- 1 Very easy
- 2 Somewhat easy
- 3 Somewhat difficult
- 4 Very difficult

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl016\_intro** (school closures made it difficult for me to work in section School)

Do you agree or disagree with the following statements?

SUBGROUP OF QUESTIONS

**sl016** (school closures made it difficult for me to work in section School)

School closures made it difficult for me to work or do other household tasks.

- 1 Strongly disagree
- 2 Disagree

- 3 Agree
- 4 Strongly agree

**sl017** (satisfied with communication in section School)

I am satisfied with the communication to support learning from my child's/children's school(s).

- 1 Strongly disagree
- 2 Disagree
- 3 Agree
- 4 Strongly agree

**sl018** (my children will be prepared in section School)

My child/children will be prepared for school in the next school year.

- 1 Strongly disagree
- 2 Disagree
- 3 Agree
- 4 Strongly agree

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl019\_intro** (earliest schools resume intro in section School)

What is the earliest that you think any of your children's schools will resume in person?

**sl019\_month** (earliest schools resume intro month in section School)

- 1 January
- 2 February
- 3 March
- 4 April
- 5 May
- 6 June
- 7 July
- 8 August
- 9 September
- 10 October
- 11 November
- 12 December

**sl019\_year** (earliest schools resume intro year in section School)

- 2020 2020
- 2021 2021
- 2022 2022

| 2023 2023

**END OF GROUP**

FLCurrentYear := date("Y")  
FLCurrentMonth := date("n")

**IF** sl019\_year = FLCurrentYear AND sl019\_month < FLCurrentMonth **THEN**

**error\_dateinpast** (error date in past entered in section School)  
Please go back and enter a date in the future.

**ELSEIF** sl019\_year = RESPONSE AND sl019\_year < FLCurrentYear **THEN**

**error\_dateinpast** (error date in past entered in section School)  
Please go back and enter a date in the future.

**END OF IF**

**END OF IF**

End of section **School**

Start of section **Closing**

**CS\_001** (HOW PLEASANT INTERVIEW in section Closing)

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

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

**CS\_003** (comments in section Closing)

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

STRING

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. \*/