

UnderStandingAmericaStudy

UAS 264: CORONAVIRUS TRACKING SURVEY LONG FORM WAVE 15



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1 INTRODUCTION

This UAS panel survey, titled "UAS 264: Coronavirus tracking survey long form wave 15" asks respondents about the impact of the coronavirus pandemic on their lives. Includes modules on K-12 Education, Higher Education, and vaccine priorities. 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 all waves. Tracking survey details available at <https://uasdata.usc.edu/page/Covid-19+Home>

1.1 Topics

This survey contains questions (among others) on the following topics: Consumer Behavior, Diet Lifestyle, Employment Labor Market, Family, Health, Housing, Income. A complete survey topic categorization for the UAS can be found [here](#).

1.2 Experiments

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

1.3 Citation

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

2 SURVEY RESPONSE AND DATA

2.1 Sample selection and response rate

The sample selection for this survey was:

All active respondents who consented to participate in UAS46.

As such, this survey was made available to 7769 UAS participants. Of those 7769 participants, 5960 completed the survey and are counted as respondents. Of those who are not counted as respondents, 135 started the survey without completing and 1674 did not start the survey. The overall response rate was 76.71%.

The detailed survey response rate is as follows:

UAS264 - Response Overview	
Size of selected sample	7769
Completed the survey	5960
Started but did not complete the survey	135
Did not start the survey	1674
Response rate	76.71%

2.2 Timings

The survey took respondents an average of 24 minutes. Detailed timings distributions and times per question are available upon request.

2.3 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/South/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 contains the following variables with weights (all generated using the procedure described above)

- final_weight These weights allow to align the overall sample to the adult U.S. population as far as the distributions of the aforementioned demographics are concerned.

NOTE: this dataset does not include respondents with a weight of zero (non-Native American households recruited in batches 2 and 3 and individuals recruited in batch 4). For the full data set, including these respondents, or for any other questions please contact UAS staff.

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.

- **sampletype**: indicates the sampling frame from which the household of the respondent was recruited. All UAS recruitment is done through address based sampling (ABS) in which samples are acquired based on postal records. Currently, the variable 'sampletype' takes on three values reflecting three distinct recruitment categories (in future data sets the number of categories may increase due to the incorporation of new recruitment categories):
 1. Nationally Representative Sample
 2. Native Americans: recruited through ABS, where the probability of drawing a zip-code is a function of the percentage of Native Americans in the zip-code. Primary respondents in these zip-codes who are not Native Americans are not invited to join the UAS.
 3. LA County: recruited through ABS drawing from zip-codes in Los Angeles County.
- **batch**: indicates the batch from which the respondent was recruited. There are currently the following values this variable takes (in future data sets the number of categories may increase due to the usage of new recruitment samples):
 1. ASDE 2014/01 Nat.Rep.
 2. ASDE 2014/01 Native Am.
 3. ASDE 2014/11 Native Am.
 4. LA County 2015/05 List Sample
 5. MSG 2015/07 Nat.Rep.
 6. MSG 2016/01 Nat.Rep. Batch 2
 7. MSG 2016/01 Nat.Rep. Batch 3
 8. MSG 2016/01 Nat.Rep. Batch 4
 9. MSG 2016/02 Nat.Rep. Batch 5
 10. MSG 2016/03 Nat.Rep. Batch 6
 11. MSG 2016/04 Nat.Rep. Batch 7
 12. MSG 2016/05 Nat.Rep. Batch 8
 13. MSG 2016/08 LA County Batch 2
 14. MSG 2017/03 LA County Batch 3
 15. MSG 2017/11 California Batch 1
 16. MSG 2018/02 California Batch 2
 17. MSG 2018/08 Nat.Rep. Batch 9

- 18. MSG 2019/04 LA County Batch 4
- 19. MSG 2019/05 LA County Batch 5
- 20. MSG 2019/11 Nat. Rep. Batch 10
- 21. MSG 2020/08 Nat. Rep. Batch 11

- **primary_respondent**: indicates if the respondent was the first person within the household (i.e. to become a member or whether s/he was added as a subsequent member. A household in this regard is broadly defined as anyone living together with the primary respondent. That is, a household comprises individuals who live together, e.g. as part of a family relationship (like a spouse/child/parent) or in context of some other relationship (like a roommate or tenant).
- **hardware**: indicates whether the respondent ever received hardware or not. Note: this variable should not be used to determine whether a respondent received hardware at a given point in time and/or whether s/he used the hardware to participate in a survey. Rather, it indicates whether hardware was ever provided:
 - 1. None
 - 2. Tablet (includes Internet)
- **language**: the language in which the survey was conducted. This variable takes a value of 1 for English and a value of 2 for Spanish.
- **start_date (start_year, start_month, start_day, start_hour, start_min, start_sec)**: indicates the time at which the respondent started the survey.
- **end_date (end_year, end_month, end_day, end_hour, end_min, end_sec)**: indicates the time at which the respondent completed the survey.
- **cs_001**: indicates how interesting the respondent found the survey.

4 BACKGROUND DEMOGRAPHICS

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

The following variables are available in each survey data set:

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

- **education**: the highest level of education attained by the respondent.
- **hisplativo**: indicates whether the respondent identifies him or herself as being Hispanic or Latino.
- **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).
- **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.

5 DATA CONVENTIONS

Data files provide so-called clean data, that is, answers given to questions that are not applicable anymore at survey completion (for example because a respondent went back in the survey and skipped over a previously answered question) are treated as if the questions were never asked. In the data files all questions that were asked, but not answered by the respondent are marked with (.e). All questions never seen by the respondent (or any dirty data) are marked with (.a). The latter may mean that a respondent did not view the question because s/he skipped over it; or alternatively that s/he never reached that question in the survey due to a survey break off.

If a respondent did not complete a survey, the variables representing survey end date and time are marked with (.c). Household member variables are marked with (.m) if the respondent has less household members (e.g. if the number of household members is 2, any variables for household member 3 and up are marked with (.m).

Formatting wise, in the STATA data sets all questions come with short descriptions (not available in the CSV files). 'Please select one' questions come with value labels for each 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 'select all that apply' 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 the format '1-3-2' 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 names and so on.

More information about the UAS data can be found in the UAS Data Guide available on the UAS Data Pages web site.

6 ROUTING SYNTAX

The survey with routing presented in the next section includes all of the questions that make up this survey, the question answers when choices were provided, and the question routing. The routing includes descriptions of when questions are grouped, conditional logic that determines when questions are presented to the respondent, randomization of questions and answers, and fills of answers from one question to another.

If you are unfamiliar with conditional logic statements, they are typically formatted so that **if** the respondent fulfills some condition (e.g. they have a cellphone or a checking account), **then** they are presented with some other question or the value of some variable is changed. If the respondent does not fulfill the condition (e.g. they are not a cellphone adopter or they do not have a checking account), something **else** happens such as skipping the next question or changing the variable to some other value. Some of the logic involved in the randomization of questions or answers being presented to the respondent is quite complex, and in these instances there is documentation to clarify the process being represented by the routing.

Because logic syntax standards vary, here is a brief introduction to our syntax standards. The syntax used in the conditional statements is as follows: '=' is equal to, '<' is less than, '>' is greater than, and '!= ' is used for does not equal. When a variable is set to some number N, the statement looks like 'variable := N'.

The formatting of the questions and routing are designed to make it easier to interpret what is occurring at any given point in the survey. Question ID is the bold text at the top of a question block, followed by the question text and the answer selections. When a question or variable has associated data, the name links to the appropriate data page, so you can easily get directly to the data. Text color is used to indicate the routing: **red** is conditional logic, **gold** is question grouping, **green** is looping, and **orange** is used to document randomization and other complex conditional logic processes. The routing is written for a computer to parse rather than a human to read, so when the routing diverges significantly from what is displayed to the respondent, a screenshot of what the respondent saw is included.

The name of the randomization variables are defined in proximity to where they are put into play, and like the question ID the names of the randomization variables can be used to link directly to the associated data page.

7 SURVEY WITH ROUTING

Start of section **Preload**

/* 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 (UAS235/UAS240/UAS242/UAS244/UAS246/UAS248/UAS250/UAS252/UAS254/UAS256/UAS258/UAS260/UAS262/UAS264) and short version(UAS236/UAS241/UAS243/UAS245/UAS247/UAS249/UAS251/UAS253/UAS255/UAS257/UAS259/UAS261/UAS263/UAS265) of the survey every week while everyone else only receives the long version (UAS235/UAS240/UAS242/UAS244/UAS246/UAS248/UAS250/UAS252/UAS254/UAS256/UAS258/UAS260/UAS262/UAS264) 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()
```

/* In several of the questions in this survey respondents are asked to answer in context of a specific time frame reference. This reference is present if they participated in an earlier related survey (UAS230, UAS235, UAS236, UAS240, UAS241, UAS242, UAS243, UAS244, UAS245, UAS246, UAS247, UAS248, UAS249, UAS250, UAS251, UAS252, UAS253, UAS254, UAS255, UAS256, UAS257, UAS258, UAS259, UAS260, UAS261, UAS262, UAS263 OR UAS265) */

```
IF getCovid19Preload("endtime") != "" THEN  
| FLDateEarlierSurvey := date("F j Y", strtotime(getCovid19Preload("endtime")))  
END OF IF
```

/* For several question series the questions are only asked if they were not answered previously in UAS242. The variable preload_uas242_244_endtime indicates if respondents completed UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260 or UAS262 per the most recent end date and time for those surveys. */

```
preload_uas242_244_endtime := getUASPreloadByCovidSuidBySurveySubset("endtime", array(242,244,246,248,250,252,254,256,258,260,262))  
preload_uas240_242_endtime := getUASPreloadByCovidSuidBySurveySubset("endtime", array(240,242,250))
```

```
IF preload_uas240_242_endtime = RESPONSE THEN
```

```
| FLTimeReferenceSchool := date("F j Y", strtotime(preload_uas240_242_endtime))
```

```
END OF IF
```

```
/* Several question series in the survey are only asked every other survey as indicated by  
the variable alternatwave. In this survey these questions ARE asked per alternatwave=1.  
*/
```

```
alternatwave := 1
```

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. Most of the questions in this survey were asked in previous surveys. Thank you for answering them accurately again, to ensure we always have the most up-to-date information.

```
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:
```

- o 1 Fever or chills (cr001a)
- o 2 Runny or stuffy nose (cr001b)
- o 3 Chest congestion (cr001c)
- o 4 Cough (cr001d)
- o 5 Sore throat (cr001e)
- o 6 Sneezing (cr001f)
- o 7 Muscle or body aches (cr001g)
- o 8 Headaches (cr001h)
- o 9 Fatigue or tiredness (cr001i)
- o 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(**since** ^FLDateEarlierSurvey (when you last took our coronavirus survey))? 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(**since** ^FLDateEarlierSurvey)?

- 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(**since** ^FLDateEarlierSurvey)?

- 1 Yes
- 2 No

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(**since** ^FLDateEarlierSurvey)?

- 1 Yes
- 2 No

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**

```
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", 13 → "cr015m", 14 → "cr015n", 15 → "cr015o", 16 → "cr015p", 17 → "cr015r", 18  
→ "cr015s")
```

/* The question series cr015a to cr015s are presented in random order per variables cr015_order with values (except for cr015o and cr015p which are not asked as they were replaced by cr015r and cr015s):

- 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)
- 11 Had close contact (within 6 feet) with people who do not live with you (cr015k)
- 12 Gone outside to walk, hike, or exercise (cr015l)
- 13 Attended a political rally, protest, or demonstration. (cr015m)
- 14 Attended an in-person religious service (cr015n)
- 15 Traveled for work (cr015o)
- 16 Traveled for pleasure or personal reasons (cr015p)
- 17 Traveled by airplane (cr015r)
- 18 Traveled by public transportation (bus, subway, commuter rail, etc.) (cr015s)

Answer options for all questions in the series are:

- 1 Yes
- 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, 13 →13, 14 →14, 17 →17, 18 →18))

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 18

IF cr015_questions(cr015_order(cnt)) = RESPONSE THEN

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

END OF IF

END OF LOOP

END OF SUBGROUP

END OF GROUP

IF cr015a = 1 OR cr015b = 1 OR cr015c = 1 OR cr015d = 1 OR cr015e = 1 OR cr015f
= 1 OR cr015k = 1 OR cr015l = 1 OR cr015m = 1 OR cr015n = 1 OR cr015r = 1 OR cr015s
= 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr069_intro (Section Behavior)

For each of the following activities, please indicate how often, if ever, you wore a mask
or face covering.

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 16

IF cr015_order(cnt) = 1 AND cr015a = 1 THEN

cr069a (face mask gone out to a bar, club, or other place where people gather in section Behavior)

When you went to a bar, club, or other place where people gather

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 2 AND cr015b = 1 THEN

cr069b (face mask gone to the grocery store or pharmacy in section Behavior)

When you went to the grocery store or pharmacy

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 3 AND cr015c = 1 THEN

cr069c (face mask friend, neighbor, or other relative's residence in section Behavior)

When you went to a friend, neighbor, or other relative's residence

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 4 AND cr015d = 1 THEN

cr069d (face mask visitors such as friends, neighbors, or relatives at residence in section Behavior)

When you had visitors such as friends, neighbors, or relatives at your residence

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 5 AND cr015e = 1 THEN

cr069e (face mask attended a gathering with more than 10 people in section Behavior)

When you attended a gathering with more than 10 people

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 6 AND cr015f = 1 THEN

cr069f (face mask sought care from a hospital or health care facility in section Behavior)

When you sought care from a hospital or health care facility

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 11 AND cr015k = 1 THEN

cr069k (face mask had close contact (within 6 feet) with people who do not live with you in section Behavior)

When you had close contact (within 6 feet) with people who do not live with you

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 12 AND cr015l = 1 THEN

cr069l (face mask gone outside to walk, hike, or exercise in section Behavior)

When you went outside to walk, hike or exercise

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely

- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 13 AND cr015m = 1 THEN

cr069m (face mask attended a political rally, protest, or demonstration in section Behavior)

When you attended a political rally, protest, or demonstration

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 14 AND cr015n = 1 THEN

cr069n (face mask attended an in-person religious service in section Behavior)

When you attended an in-person religious service

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 17 AND cr015r = 1 THEN

cr069r (face mask traveled by airplane in section Behavior)

When you traveled by airplane

- 1 Always
- 2 Most of the time
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Unsure

ELSEIF cr015_order(cnt) = 18 AND cr015s = 1 THEN

cr069s (face mask traveled by public transportation (bus, subway, commuter rail, etc.) in section Behavior)

When you traveled by public transportation (bus, subway, commuter rail, etc.)

- 1 Always
- 2 Most of the time
- 3 Sometimes

```

4 Rarely
5 Never
6 Unsure

END OF IF

END OF LOOP

END OF SUBGROUP

END OF GROUP

END OF IF

```

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN

```

cr070_questions := array(1 →"cr070a", 2 →"cr070b", 3 →"cr070c", 4 →"cr070d", 5
→"cr070e", 6 →"cr070f", 7 →"cr070g", 8 →"cr070h", 9 →"cr070i", 10 →"cr070j", 11
→"cr070k", 12 →"cr070l")

```

/* The question series cr070a to cr070l are presented in random order per variables cr070_order with values:

- 1 Wearing a mask helps keep me safe from coronavirus (cr070a)
- 2 Wearing a mask helps keep others safe from coronavirus (cr070b)
- 3 Wearing a mask is dangerous to my health (cr070c)
- 4 Wearing a mask is a political statement (cr070d)
- 5 Wearing a mask is not needed because I am not infected (cr070e)
- 6 Wearing a mask is not needed when I am with other people who are healthy (cr070f)
- 7 Others may feel threatened if I cover my face (cr070g)
- 8 I keep enough distance so that I don't need a mask (cr070h)
- 9 We live in a free country and no one can force me to wear a mask (cr070i)
- 10 I would like to wear a mask, but I cannot afford to buy one (cr070j)
- 11 Wearing a mask is unnecessary because coronavirus is not a serious threat to people like me (cr070k)
- 12 A mask is too uncomfortable to wear (cr070l)

Answer options for all questions in the series are:

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

*/

IF sizeof(cr070_order) = 0 THEN

cr070_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

cr070_intro (Section Behavior)

We would like to learn your general opinion about wearing a mask or face covering. Do you agree or disagree with each of the following statements?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 12

/* Question series cr070a to cr070l are presented in random order per variables
cr070_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

END OF IF

cr016_questions := array(1 →"cr016b", 6 →"cr016g", 9 →"cr016j", 10 →"cr016k", 11 →"cr016l",
12 →"cr016m", 14 →"cr016o", 15 →"cr016p")

/* The question series cr016b to cr016r are presented in random order per variables cr016_order
with values; however in this survey variable cr016a, cr016c, cr016d, cr016e, cr016f, cr016h,
cr016n, cr016q and cr016r have been intentionally omitted):

- 1 Washed your hands with soap or used hand sanitizer several times per day (cr016b)

- 6 Visited a doctor (cr016g)
- 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)
- 14 Worked or studied at home (cr016o)
- 15 Worn a mask or other face covering (cr016p)

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

IF cr016_questions(cr016_order(cnt)) = RESPONSE THEN

/* Question series cr016b to cr016r are presented in random order per variables cr016_order as described above. */

END OF IF

| | END OF LOOP

| END OF SUBGROUP

END OF GROUP

cr017a (currently federal, state, or local governments encouraged to limit non-essential travel in section Behavior)

Are Federal, state, or local governments **currently encouraging** you to limit non-essential travel?

- 1 Yes
- 2 No
- 3 Unsure

cr018a (currently federal, state, or local governments required to limit non-essential travel in section Behavior)

Are Federal, state, or local governments **currently requiring** 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)
- 9 Avoiding restaurants (cr019i)
- 10 Avoiding airplanes (cr019j)

Answer options for all questions in the series are:

- 1 Extremely Ineffective
- 2 Somewhat Ineffective
- 3 Somewhat Effective
- 4 Extremely Effective
- 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", 12 →"cr020l", 13 →"cr020m")

/* The question series cr020a to cr020m are presented in random order per variables cr020_order with values:

- 1 Grocery shopping (cr020a)
- 2 Attending gatherings of more than 100 people (cr020b)
- 3 Going to the hospital (cr020c)

- 4 Dining in at restaurants (cr020d)
- 5 Eating take-out meals from restaurants (cr020e)
- 6 Visiting with relatives or friends in their home (cr020f)
- 7 Handling packages that have been delivered (cr020g)
- 8 Playing on playground equipment (cr020h)
- 9 Touching door knobs, countertops, and other surfaces in your home (cr020i)
- 10 Interacting closely with other members of your household (cr020j)
- 11 Going outside to walk, hike, or exercise (cr020k)
- 12 Eating or drinking in a place that provides table service and has implemented social distancing guidelines (cr020l)
- 13 Curb-side pick-up of store purchases (cr020m)

Answer options for all questions in the series are:

- 1 Extremely Safe
- 2 Somewhat Safe
- 3 Somewhat Unsafe
- 4 Extremely Unsafe
- 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, 12 →12, 13 →13))

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 13

/* Question series cr020a to cr020m are presented in random order per variables cr020_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

/* The following questions ARE asked in this survey per alternatwave=1. */

IF alternatwave = 1 THEN

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

cr022a (hospitalized 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 hospitalized (spent at least one night

in the hospital) from the coronavirus?
RANGE 0..9223372036854775807

IF cr022a > cr021 THEN

cr022a_warning (Section Behavior)

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

ELSEIF cr022a > 999 THEN

cr022a_warning2 (Section Behavior)

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

END OF IF

cr022b (died 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 died from the coronavirus?

RANGE 0..9223372036854775807

IF cr022b > cr021 THEN

cr022b_warning (Section Behavior)

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

ELSEIF cr022b > 999 THEN

cr022b_warning2 (Section Behavior)

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

END OF IF

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

/* Questions cr053a to cr053f and cr054 are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, US246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260 or UAS262. */

IF preload_uas242_244_endtime = RESPONSE THEN

```
preload_cr053a := getUASPreloadByCovidSuidBySurveySubset("cr053a", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr053b := getUASPreloadByCovidSuidBySurveySubset("cr053b", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr053c := getUASPreloadByCovidSuidBySurveySubset("cr053c", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr053d := getUASPreloadByCovidSuidBySurveySubset("cr053d", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr053e := getUASPreloadByCovidSuidBySurveySubset("cr053e", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr053f := getUASPreloadByCovidSuidBySurveySubset("cr053f", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr054 := getUASPreloadByCovidSuidBySurveySubset("cr054", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr023b (chance hospitalized if get coronavirus in section Behavior)

If you do get the coronavirus, what is the percent chance you will be hospitalized (spend at least one night in the hospital) 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

/* Questions cr055a to cr055j are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260 or UAS262. */

IF preload_uas242_244_endtime = RESPONSE THEN

```
preload_cr055a := getUASPreloadByCovidSuidBySurveySubset("cr055a", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr055b := getUASPreloadByCovidSuidBySurveySubset("cr055b", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr055c := getUASPreloadByCovidSuidBySurveySubset("cr055c", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
```



```

preload_cr055d := getUASPreloadByCovidSuidBySurveySubset("cr055d", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr055e := getUASPreloadByCovidSuidBySurveySubset("cr055e", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr055f := getUASPreloadByCovidSuidBySurveySubset("cr055f", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr055g := getUASPreloadByCovidSuidBySurveySubset("cr055g", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr055h := getUASPreloadByCovidSuidBySurveySubset("cr055h", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr055i := getUASPreloadByCovidSuidBySurveySubset("cr055i", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr055j := getUASPreloadByCovidSuidBySurveySubset("cr055j", array(242,244,246,248,250,252,254,256,258,260,262))

```

END OF IF

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

/* The following questions ARE asked in this survey per alternatwave=1. */

IF alternatwave = 1 THEN

```
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:

- 1 Strongly disagree
- 2 Disagree
- 3 Agree
- 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 vaccine is available to the public?

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

END OF IF

/* The answer options for vc001 are randomly presented per variables vc001_order with values:

- o 1 People at high risk of getting sick or dying from COVID-19 who live in group housing. For example: people who are older, or have heart disease, diabetes, and other health conditions.
- o 2 People at high risk of getting sick or dying from COVID-19 who live with their families. For example: people who are older, or have heart disease, diabetes, and other health conditions.
- o 3 People who are more likely to spread COVID-19 to others, because of their social behavior or employment. For example: young adults and teachers.
- o 4 People who live in areas with more COVID-19 infections
- o 5 People who are selected randomly through a lottery

*/

IF sizeof(vc001_order) = 0 THEN

| vc001_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5))

END OF IF

vc001 (who vaccinated after health care and nursing home workers in section Vaccines)
When a COVID-19 vaccine becomes available, health care workers and nursing home workers will likely get it first.

If you had to choose, who do you think should be vaccinated next?

1 People at high risk of getting sick or dying from COVID-19 who live in group housing. For example: people who are older, or have heart disease, diabetes, and other health conditions.

2 People at high risk of getting sick or dying from COVID-19 who live with their families. For example: people who are older, or have heart disease, diabetes, and other health conditions.

3 People who are more likely to spread COVID-19 to others, because of their social behavior or employment. For example: young adults and teachers.

4 People who live in areas with more COVID-19 infections.

5 People who are selected randomly through a lottery.

IF vc001 = 1 THEN

| vc002a := 1

| vc002b := empty

| vc002c := empty

| vc002d := empty

| vc002e := empty

ELSEIF vc001 = 2 THEN

vc002b := 1
vc002a := empty
vc002c := empty
vc002d := empty
vc002e := empty

ELSEIF vc001 = 3 THEN

vc002c := 1
vc002a := empty
vc002b := empty
vc002d := empty
vc002e := empty

ELSEIF vc001 = 4 THEN

vc002d := 1
vc002a := empty
vc002b := empty
vc002c := empty
vc002e := empty

ELSEIF vc001 = 5 THEN

vc002e := 1
vc002a := empty
vc002b := empty
vc002c := empty
vc002d := empty

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

vc002.intro (Section Vaccines)

In what order do you think these groups of people should be vaccinated, after health care workers and nursing home workers? We already placed a "1" next to the group you already selected to go first. Please add 2, 3, 4, and 5 to indicate how you would order the remaining groups.

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 5

IF vc001_order(cnt) = 1 THEN

vc002a (rating high risk people in group housing in section Vaccines)

People at high risk of getting sick or dying from COVID-19 who live in group housing. For example: people who are older, or have heart disease, diabetes, and other health conditions.

1 1
2 2
3 3
4 4
5 5

ELSEIF vc001_order(cnt) = 2 THEN

vc002b (rating high risk people live with families in section Vaccines)
People at high risk of getting sick or dying from COVID-19 who live with their families.
For example: people who are older, or have heart disease, diabetes, and other health conditions.

1 1
2 2
3 3
4 4
5 5

ELSEIF vc001_order(cnt) = 3 THEN

vc002c (rating people more likely to spread in section Vaccines)
People who are more likely to spread COVID-19 to others, because of their social behavior or employment. For example: young adults and teachers.

1 1
2 2
3 3
4 4
5 5

ELSEIF vc001_order(cnt) = 4 THEN

vc002d (rating people who live in areas with more COVID-19 infections in section Vaccines)
People who live in areas with more COVID-19 infections

1 1
2 2
3 3
4 4
5 5

ELSEIF vc001_order(cnt) = 5 THEN

vc002e (rating people who are selected randomly through a lottery in section Vaccines)
People who are selected randomly through a lottery

```

| 1 1
| 2 2
| 3 3
| 4 4
| 5 5
|
| END OF IF
|
| END OF LOOP
|
| END OF SUBGROUP
|
| vc002a_handlescript (Section Vaccines)
|
| vc002b_handlescript (Section Vaccines)
|
| vc002c_handlescript (Section Vaccines)
|
| vc002d_handlescript (Section Vaccines)
|
| vc002e_handlescript (Section Vaccines)
|
| IF vc002a = 1 THEN
| | vc002a_script (Section Vaccines)
|
| ELSEIF vc002b = 1 THEN
| | vc002b_script (Section Vaccines)
|
| ELSEIF vc002c = 1 THEN
| | vc002c_script (Section Vaccines)
|
| ELSEIF vc002d = 1 THEN
| | vc002d_script (Section Vaccines)
|
| ELSEIF vc002e = 1 THEN
| | vc002e_script (Section Vaccines)
|
| END OF IF

```

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

vc003.intro (Section Vaccines)

How much did you think of the following when selecting the order in which people should get the vaccine?

vc003a (thought about fairness in section Vaccines)

When answering the question about the order in which to vaccinate people, I thought about **fairness**.

1 1 Not at all
2 2
3 3
4 4
5 5 Very much

vc003b (thought about reducing numbers getting infected in section Vaccines)

When answering the question about the order in which to vaccinate people, I thought about **the fastest way to reduce the number of people getting infected with COVID-19**.

1 1 Not at all
2 2
3 3
4 4
5 5 Very much

vc003c (thought about reducing numbers dying in section Vaccines)

When answering the question about the order in which to vaccinate people, I thought about **the fastest way to reduce the number of people dying from COVID-19**.

1 1 Not at all
2 2
3 3
4 4
5 5 Very much

END OF GROUP

`vc004_questions := array(1 → "vc004a", 2 → "vc004b", 3 → "vc004c", 4 → "vc004d")`

/ Question series vc004a to vc004d vc004a are randomly presented per variables vc004_order with values:*

- 1 People at high risk of getting sick or dying from COVID-19 who live in group housing
- 2 People at high risk of getting sick or dying from COVID-19 who live with their families
- 3 People who are more likely to spread COVID-19 to others, because of their social behavior or employment
- 4 People who live in areas with more COVID-19 infections

*/

IF sizeof(vc004_order) = 0 THEN

 vc004_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

vc004_intro (Section Vaccines)

Are you in one or more of these groups?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 4

 /* Question series vc004a to vc004d are presented in random order per variables
 vc004_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

*/ Respondents are asked about a randomly selected group of people per variable vc005_randomizer with values:

- 1 People at high risk of getting sick or dying from COVID-19 who live in group housing (for example: people who are older, or have heart disease, diabetes, and other health conditions)
- 2 People at high risk of getting sick or dying from COVID-19 who live with their families (for example: people who are older, or have heart disease, diabetes, and other health conditions)
- 3 People who are more likely to spread COVID-19 to others, because of their social behavior or employment (for example: young adults and teachers)
- 4 People who live in areas with more COVID-19 infections

- 5 People who are selected randomly through a lottery
- 6 Other people

*/

IF vc005_randomizer = EMPTY THEN

| vc005_randomizer := drawGroup(vc004a, vc004b, vc004c, vc004d)

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

vc005.intro (Section Vaccines)

Suppose you are not selected to get the vaccine first.

Instead, the vaccine first goes to health care workers and nursing home workers
and then to (random group for vc005()).

If this happens, what will you do?

SUBGROUP OF QUESTIONS

vc005a (I would get the vaccine once it becomes available to me in section Vaccines)

I would get the vaccine once it becomes available to me

1 Yes

2 No

vc005b (I would complain or protest in section Vaccines)

I would complain or protest

1 Yes

2 No

vc005c (I would avoid crowds and engage in social distancing as long as I was unvaccinated in section Vaccines)

I would avoid crowds and engage in social distancing as long as I was unvaccinated

1 Yes

2 No

END OF SUBGROUP

END OF GROUP

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN

```
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
- o 2 Somewhat disagree
- o 3 Somewhat agree
- o 4 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 IF

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", 8 → "cr026h", 9 → "cr026i", 10 → "cr026j", 11 → "cr026k", 12  
→ "cr026l", 13 → "cr026m")
```

/* The question series cr026a to cr026m 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)
- 8 Spent time posting or browsing on Facebook, Twitter, Instagram, or Snapchat (cr026h)
- 9 Had a phone call or video call with a family member or a friend (cr026i)
- 10 Messaged or emailed with a family member or friend (cr026j)
- 11 Spent time interacting with a family member or friend in person (cr026k)
- 12 Smoked all or part of a cigarette (cr026l)
- 13 Used an e-cigarette or vaping device to vape e-liquids with nicotine (cr026m)

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, 8 →8, 9
→9, 10 →10, 11 →11, 12 →12, 13 →13))

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 cr026m are presented in random order per variables
cr026_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

/* Questions cr056a to cr056i and cr056i.other are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260 or UAS262. */

IF preload_uas242_244_endtime = RESPONSE THEN

preload_cr056a	:=	getUASPreloadByCovidSuidBySurveySubset("cr056a",	ar-
		ray(242,244,246,248,250,252,254,256,258,260,262))	
preload_cr056b	:=	getUASPreloadByCovidSuidBySurveySubset("cr056b",	ar-
		ray(242,244,246,248,250,252,254,256,258,260,262))	
preload_cr056c	:=	getUASPreloadByCovidSuidBySurveySubset("cr056c",	ar-
		ray(242,244,246,248,250,252,254,256,258,260,262))	
preload_cr056d	:=	getUASPreloadByCovidSuidBySurveySubset("cr056d",	ar-
		ray(242,244,246,248,250,252,254,256,258,260,262))	
preload_cr056e	:=	getUASPreloadByCovidSuidBySurveySubset("cr056e",	ar-
		ray(242,244,246,248,250,252,254,256,258,260,262))	

```

preload_cr056f := getUASPreloadByCovidSuidBySurveySubset("cr056f", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr056g := getUASPreloadByCovidSuidBySurveySubset("cr056g", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr056h := getUASPreloadByCovidSuidBySurveySubset("cr056h", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr056i := getUASPreloadByCovidSuidBySurveySubset("cr056i", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr056i_other := getUASPreloadByCovidSuidBySurveySubset("cr056i_other", array(242,244,246,248,250,252,254,256,258,260,262))

```

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 8 TO 13

/* Question series cr026a to cr026m are presented in random order per variables cr026_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

IF cr026a > 0 THEN

cr026a2 (how many alcoholic drinks on typical day in section Abuse)

In the **past seven days**, how many alcoholic drinks did you have on a typical day when you drank alcohol?

RANGE 1..30

/* The following questions ARE asked in this survey per alternatwave=1. */

IF alternatwave = 1 THEN

IF gender = EMPTY THEN

gender (R GENDER in section Demographics)

What is your gender?

1 Male

| 2 Female

END OF IF

IF gender = 1 THEN

cr050m (male 5 or more alcoholic beverages within a couple of hours in section Abuse)

In the past seven days, on how many days did you drink **5 or more** alcoholic beverages within a couple of hours?

0 0 days

1 1 day

2 2 days

3 3 days

4 4 days

5 5 days

6 6 days

7 7 days

ELSE

cr050f (female 4 or more alcoholic beverages within a couple of hours in section Abuse)

In the past seven days, on how many days did you drink **4 or more** alcoholic beverages within a couple of hours?

0 0 days

1 1 day

2 2 days

3 3 days

4 4 days

5 5 days

6 6 days

7 7 days

END OF IF

END OF IF

END OF IF

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

/* Questions cr057a to cr057i are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260 or UAS262. */

IF preload_uas242_244_endtime = RESPONSE THEN

```
preload_cr057a := getUASPreloadByCovidSuidBySurveySubset("cr057a", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr057b := getUASPreloadByCovidSuidBySurveySubset("cr057b", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr057c := getUASPreloadByCovidSuidBySurveySubset("cr057c", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr057d := getUASPreloadByCovidSuidBySurveySubset("cr057d", ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
```

```

preload_cr057e := getUASPreloadByCovidSuidBySurveySubset("cr057e", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr057f := getUASPreloadByCovidSuidBySurveySubset("cr057f", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr057g := getUASPreloadByCovidSuidBySurveySubset("cr057g", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr057h := getUASPreloadByCovidSuidBySurveySubset("cr057h", array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr057i := getUASPreloadByCovidSuidBySurveySubset("cr057i", array(242,244,246,248,250,252,254,256,258,260,262))

```

END OF IF

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

IF preload_cr053a = EMPTY AND preload_cr053b = EMPTY AND preload_cr053c = EMPTY
AND preload_cr053d = EMPTY AND preload_cr053e = EMPTY AND preload_cr053f =
EMPTY THEN

cr053_questions := array(1 →"cr053a", 2 →"cr053b", 3 →"cr053c", 4 →"cr053d", 5
→"cr053e", 6 →"cr053f")

/* The question series cr053a to cr053f are presented in random order per variables
cr053_order with values:

- o 1 I tend to bounce back quickly after hard times (cr053a)
- o 2 I have a hard time making it through stressful events (cr053b)
- o 3 It does not take me long to recover from a stressful event (cr053c)
- o 4 It is hard for me to snap back when something bad happens (cr053d)
- o 5 I usually come through difficult times with little trouble (cr053e)
- o 6 I tend to take a long time to get over set-backs in my life (cr053f)

Answer options for all questions in the series are:

- o 1 Strongly disagree
- o 2 Disagree
- o 3 Neutral
- o 4 Agree
- o 5 Strongly agree

*/

IF sizeof(cr053_order) = 0 THEN

cr053_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr053_intro (Section Abuse)

How strongly do you agree or disagree with each of the following statements?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 6

/* Question series cr053a to cr053f are presented in random order per variables
cr053_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

ELSE

cr053a := preload_cr053a

cr053b := preload_cr053b

cr053c := preload_cr053c

cr053d := preload_cr053d

cr053e := preload_cr053e

cr053f := preload_cr053f

END OF IF

IF preload_cr054 = EMPTY THEN

/* The answer options in cr054 are presented in random order per variables cr054_order
with values:

- o 1 Diabetes
- o 2 Cancer (other than skin cancer)
- o 3 Heart disease
- o 4 High blood pressure
- o 5 Asthma
- o 6 Chronic lung disease such as COPD or emphysema
- o 7 Kidney disease

- 8 An autoimmune disorder such as rheumatoid arthritis or Crohn's disease
- 9 A mental health condition
- 10 Obesity
- 11 None of the above

Note: answer options 9 to 11 are always presented last. */

IF sizeof(cr054_order) = 0 THEN

```
cr054_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8))
cr054_order(9) := 9
cr054_order(10) := 10
cr054_order(11) := 11
```

END OF IF

cr054 (doctor told medical conditions in section Abuse)

Have you ever been told by a doctor, nurse, or other health professional that you have any of the following medical conditions? (please select all that apply)

- 1 Diabetes
- 2 Cancer (other than skin cancer)
- 3 Heart disease
- 4 High blood pressure
- 5 Asthma
- 6 Chronic lung disease such as COPD or emphysema
- 7 Kidney disease
- 8 Autoimmune disorder such as rheumatoid arthritis or Crohn's Disease
- 9 A mental health condition
- 10 Obesity
- 11 None of the above

ELSE

```
cr054 := preload_cr054
```

END OF IF

IF preload_cr056a = EMPTY AND preload_cr056b = EMPTY AND preload_cr056c = EMPTY AND preload_cr056d = EMPTY AND preload_cr056e = EMPTY AND preload_cr056f = EMPTY AND preload_cr056g = EMPTY AND preload_cr056h = EMPTY AND preload_cr056i = EMPTY THEN

```
cr056_questions := array(1 →"cr056a", 2 →"cr056b", 3 →"cr056c", 4 →"cr056d", 5 →"cr056e", 6 →"cr056f", 7 →"cr056g", 8 →"cr056h", 9 →"cr056i")
```

/* The question series cr056a to cr056i are presented in random order per variables cr056_order with values:

- 1 An anxiety disorder (cr056a)
- 2 Attention deficit hyperactivity disorder (ADHD) (cr056b)
- 3 Bipolar disorder (cr056c)
- 4 An eating disorder (cr056d)
- 5 Depression or another depressive disorder (cr056e)
- 6 Obsessive-compulsive disorder (OCD) (cr056f)
- 7 Post-traumatic stress disorder (PTSD) (cr056g)
- 8 Schizophrenia or another psychotic disorder (cr056h)
- 9 Other (cr056i)

Answer options for all questions in the series are:

- 1 Yes
- 2 No
- 3 Unsure

Note: 'Other' is always presented last. */

IF sizeof(cr056_order) = 0 THEN

```
cr056_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8))
cr056_order(9) := 9
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr056_intro (Section Abuse)

Which of the following mental health conditions has a doctor or another health professional ever told you that you have?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 9

```
/* Question series cr056a to cr056i are presented in random order per variables
cr056_order as described above. */
```

END OF LOOP

END OF SUBGROUP

cr056i_other (specify other mental issue in section Abuse)
STRING

END OF GROUP

ELSE

cr056a := preload_cr056a
cr056b := preload_cr056b
cr056c := preload_cr056c
cr056d := preload_cr056d
cr056e := preload_cr056e
cr056f := preload_cr056f
cr056g := preload_cr056g
cr056h := preload_cr056h
cr056i := preload_cr056i
cr056i_other := preload_cr056i_other

END OF IF

IF preload_cr054 = EMPTY THEN

IF 1 IN cr054 THEN

cr055a (since when diabetes in section Abuse)
Did the doctor or other health professional first say that you have **diabetes** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

END OF IF

IF 2 IN cr054 THEN

cr055b (since when cancer (other than skin cancer) in section Abuse)
Did the doctor or other health professional first say that you have **cancer (other than skin cancer)** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

END OF IF

IF 3 IN cr054 THEN

cr055c (since when heart disease in section Abuse)
Did the doctor or other health professional first say that you have **heart disease** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020

| 3 Unsure

END OF IF

IF 4 IN cr054 THEN

cr055d (since when high blood pressure in section Abuse)

Did the doctor or other health professional first say that you have **high blood pressure** before or after March 10, 2020?

1 Before March 10, 2020

2 After March 10, 2020

3 Unsure

END OF IF

IF 5 IN cr054 THEN

cr055e (since when asthma in section Abuse)

Did the doctor or other health professional first say that you have **asthma** before or after March 10, 2020?

1 Before March 10, 2020

2 After March 10, 2020

3 Unsure

END OF IF

IF 6 IN cr054 THEN

cr055f (since when chronic lung disease such as COPD or emphysema in section Abuse)

Did the doctor or other health professional first say that you have **chronic lung disease such as COPD or emphysema** before or after March 10, 2020?

1 Before March 10, 2020

2 After March 10, 2020

3 Unsure

END OF IF

IF 7 IN cr054 THEN

cr055g (since when kidney disease in section Abuse)

Did the doctor or other health professional first say that you have **kidney disease** before or after March 10, 2020?

1 Before March 10, 2020

2 After March 10, 2020

3 Unsure

END OF IF

IF 8 IN cr054 THEN

cr055h (since when an autoimmune disorder such as rheumatoid arthritis or Crohn's disease in section Abuse)

Did the doctor or other health professional first say that you have **an autoimmune**

disorder such as rheumatoid arthritis or Crohn's disease before or after March 10, 2020?

- 1 Before March 10, 2020
- 2 After March 10, 2020
- 3 Unsure

END OF IF

IF 9 IN cr054 THEN

cr055i (since when a mental health condition in section Abuse)

Did the doctor or other health professional first say that you have **a mental health condition** before or after March 10, 2020?

- 1 Before March 10, 2020
- 2 After March 10, 2020
- 3 Unsure

END OF IF

IF 10 IN cr054 THEN

cr055j (since when obesity in section Abuse)

Did the doctor or other health professional first say that you have **obesity** before or after March 10, 2020?

- 1 Before March 10, 2020
- 2 After March 10, 2020
- 3 Unsure

END OF IF

ELSE

cr055a := preload_cr055a
cr055b := preload_cr055b
cr055c := preload_cr055c
cr055d := preload_cr055d
cr055e := preload_cr055e
cr055f := preload_cr055f
cr055g := preload_cr055g
cr055h := preload_cr055h
cr055i := preload_cr055i
cr055j := preload_cr055j

END OF IF

IF preload_cr056a = EMPTY AND preload_cr056b = EMPTY AND preload_cr056c = EMPTY
AND preload_cr056d = EMPTY AND preload_cr056e = EMPTY AND preload_cr056f =
EMPTY AND preload_cr056g = EMPTY AND preload_cr056h = EMPTY AND preload_cr056i
= EMPTY THEN

LOOP FROM 1 TO 10

IF cr056_order(cnt) = 1 AND cr056a = 1 THEN

cr057a (since when an anxiety disorder in section Abuse)

Did the doctor or other health professional first say that you have **an anxiety disorder** before or after March 10, 2020?

- 1 Before March 10, 2020
- 2 After March 10, 2020
- 3 Unsure

ELSEIF cr056_order(cnt) = 2 AND cr056b = 1 THEN

cr057b (since when attention deficit hyperactivity disorder (ADHD) in section Abuse)

Did the doctor or other health professional first say that you have **attention deficit hyperactivity disorder (ADHD)** before or after March 10, 2020?

- 1 Before March 10, 2020
- 2 After March 10, 2020
- 3 Unsure

ELSEIF cr056_order(cnt) = 3 AND cr056c = 1 THEN

cr057c (since when bipolar disorder in section Abuse)

Did the doctor or other health professional first say that you have **bipolar disorder** before or after March 10, 2020?

- 1 Before March 10, 2020
- 2 After March 10, 2020
- 3 Unsure

ELSEIF cr056_order(cnt) = 4 AND cr056d = 1 THEN

cr057d (since when an eating disorder in section Abuse)

Did the doctor or other health professional first say that you have **an eating disorder** before or after March 10, 2020?

- 1 Before March 10, 2020
- 2 After March 10, 2020
- 3 Unsure

ELSEIF cr056_order(cnt) = 5 AND cr056e = 1 THEN

cr057e (since when depression or another depressive disorder in section Abuse)

Did the doctor or other health professional first say that you have **depression or another depressive disorder** before or after March 10, 2020?

- 1 Before March 10, 2020
- 2 After March 10, 2020
- 3 Unsure

ELSEIF cr056_order(cnt) = 6 AND cr056f = 1 THEN

cr057f (since when obsessive-compulsive disorder (OCD) in section Abuse)
Did the doctor or other health professional first say that you have **obsessive-compulsive disorder (OCD)** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 7 AND cr056g = 1 THEN

cr057g (since when post-traumatic stress disorder (PTSD) in section Abuse)
Did the doctor or other health professional first say that you have **post-traumatic stress disorder (PTSD)** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 8 AND cr056h = 1 THEN

cr057h (since when schizophrenia or another psychotic disorder in section Abuse)
Did the doctor or other health professional first say that you have **schizophrenia or another psychotic disorder** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 9 AND cr056i = 1 THEN

cr057i (since when other mental issue in section Abuse)
Did the doctor or other health professional first say that you have **another mental health condition ((specify other mental issue()))** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

END OF IF

END OF LOOP

ELSE

cr057a := preload_cr057a
cr057b := preload_cr057b
cr057c := preload_cr057c
cr057d := preload_cr057d

```
cr057e := preload_cr057e
cr057f := preload_cr057f
cr057g := preload_cr057g
cr057h := preload_cr057h
cr057i := preload_cr057i
```

END OF IF

cr058 (how often have you felt lonely in section Abuse)

In the past 7 days, how often have you felt lonely?

- 1 Not at all or less than 1 day
- 2 1-2 days
- 3 3-4 days
- 4 5-7 days

cr071 (current weight in section Behavior)

We are interested in understanding how the coronavirus epidemic may be affecting the health of U.S. residents.

About how much do you weigh? (enter your weight in pounds)

RANGE 50..400

/* The following questions ARE asked in this survey per alternatwave=1. */

IF alternatwave = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr059.intro (Section Abuse)

Have you received any of the following services from a mental health provider in the past 14 days?

SUBGROUP OF QUESTIONS

cr059a (An in-person appointment in section Abuse)

An in-person appointment

- 1 Yes
- 2 No
- 3 Unsure

cr059b (A live video, phone, or chat interaction in section Abuse)

A live video, phone, or chat interaction

- 1 Yes
- 2 No
- 3 Unsure

cr059c (Non-live communication (such as by email) in section Abuse)

Non-live communication (such as by email)

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr067_intro (Section Abuse)

Since (**FLDateEarlierSurvey/March 2020**), how often have any of the following things happened to you in your day-to-day life because of your actual or perceived race, ethnicity, age, gender, health, income, education, religion, or some other personal characteristic?

SUBGROUP OF QUESTIONS

cr067a (You were treated with less courtesy or respect than other people in section Abuse)

You were treated with less courtesy or respect than other people

- 1 Almost every day
- 2 At least once a week
- 3 A few times a month
- 4 Once a month or less
- 5 Never

cr067b (You received poorer service than other people at restaurants or stores in section Abuse)

You received poorer service than other people at restaurants or stores

- 1 Almost every day
- 2 At least once a week
- 3 A few times a month
- 4 Once a month or less
- 5 Never

cr067c (People acted as if they thought you were not smart in section Abuse)

People acted as if they thought you were not smart

- 1 Almost every day
- 2 At least once a week
- 3 A few times a month
- 4 Once a month or less
- 5 Never

cr067d (People acted as if they were afraid of you in section Abuse)

People acted as if they were afraid of you

- 1 Almost every day
- 2 At least once a week
- 3 A few times a month
- 4 Once a month or less
- 5 Never

cr067e (You were threatened or harassed in section Abuse)

You were threatened or harassed

- 1 Almost every day
- 2 At least once a week
- 3 A few times a month
- 4 Once a month or less
- 5 Never

END OF SUBGROUP

END OF GROUP

IF cr067a IN (1,2,3,4) OR cr067b IN (1,2,3,4) OR cr067c IN (1,2,3,4) OR cr067d IN (1,2,3,4) OR cr067e IN (1,2,3,4) THEN

/* The answer options for cr068 are presented in random order per variables cr068_order with values:

- o 1 Your ancestry, ethnicity, or national origin
- o 2 Your gender
- o 3 Your race
- o 4 Your shade of skin color
- o 5 Your age
- o 6 Your religion
- o 7 Your height
- o 8 Your weight
- o 9 Some other aspect of your physical appearance
- o 10 Your sexual orientation
- o 11 Your education or income level
- o 12 A physical disability

- 13 Your physical health (or perceived physical health)
- 14 Your mental health (or perceived mental health)
- 15 Other

Note: the 'Other' option is always presented last. */

IF sizeof(cr068_order) = 0 THEN

```
cr068_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))
cr068_order(15) := 15
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr068 (main reason for poor treatment experiences in section Abuse)

What do you think is the **main** reason for these experiences of poor treatment? You may check up to two main reasons.

- 1 Your ancestry, ethnicity, or national origin
- 2 Your gender
- 3 Your race
- 4 Your shade of skin color
- 5 Your age
- 6 Your religion
- 7 Your height
- 8 Your weight
- 9 Some other aspect of your physical appearance
- 10 Your sexual orientation
- 11 Your education or income level
- 12 A physical disability
- 13 Your physical health (or perceived physical health)
- 14 Your mental health (or perceived mental health)
- 15 Other, please specify:

cr068.other (other main reason for poor treatment experiences in section Abuse)

STRING

END OF GROUP

END OF IF

```
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:

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

Answer options for all questions in the series are:

- 1 Yes
- 2 No
- 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(**since** ^FLDateEarlierSurvey)?

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 IF

/* Questions cr060 and cr061 are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260 or UAS262. */

IF preload_uas242_244_endtime = RESPONSE THEN

```

preload_cr060      :=      getUASPreloadByCovidSuidBySurveySubset("cr060",      ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr060_other :=      getUASPreloadByCovidSuidBySurveySubset("cr060_other",
array(242,244,246,248,250,252,254,256,258,260,262))
preload_cr061      :=      getUASPreloadByCovidSuidBySurveySubset("cr061",      ar-
ray(242,244,246,248,250,252,254,256,258,260,262))
preload_cr061_other :=      getUASPreloadByCovidSuidBySurveySubset("cr061_other",
array(242,244,246,248,250,252,254,256,258,260,262))

```

END OF IF

IF preload_cr060 = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr060 (sexual identity in section Abuse)

Thinking about your sexual identity, how would you define yourself?

- 1 Homosexual or gay or lesbian or "not straight"
- 2 Bisexual
- 3 Heterosexual or straight or "not gay"
- 4 Some other description (please specify):

cr060_other (other sexual identity in section Abuse)

STRING

END OF GROUP

ELSE

cr060 := preload_cr060

cr060_other := preload_cr060_other

END OF IF

IF preload_cr061 = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr061 (gender identity in section Abuse)

Thinking about your gender identity, how would you define yourself? (Check all that apply)

- 1 Woman
- 2 Man
- 3 Trans woman
- 4 Trans man
- 5 Non-binary, gender-nonconforming, or genderqueer
- 6 Some other description (please specify):

cr061_other (other gender identity in section Abuse)

| STRING

| END OF GROUP

ELSE

cr061 := preload_cr061

cr061_other := preload_cr061_other

END OF IF

End of section **Abuse**

Start of section **Labor**

/* The current job status series below is partially dependent on any previously known job status. To this end variables lr004 (called cr008 in UAS230), lr001 and lr003 are preloaded into preload_hadjob. These take the following values:

- o preload_hadjob: 1 Yes, 2 No
- o preload_lr001: "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" and "7 I am now retired".
- o preload_lr003: "1 I still do not have a job", "2 I now have a job", "4 I am retired", "5 I am not in the labor force (not currently working and not looking for work)", and "3 None of these";

*/

preload_hadjob := getCovid19Preload("cr008")

preload_lr001 := getCovid19Preload("lr001")

preload_lr003 := getCovid19Preload("lr003")

IF preload_hadjob = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr001 (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
- 7 I am now retired
- 6 None of these, please specify:

lr001_other (other employment status in section Labor)
STRING

END OF GROUP

IF lr001 = 2 OR lr001 = 3 OR lr001 = 4 THEN

lr002 (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

IF preload_lr001 = 3 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr003aa (job status after laid off in section Labor)

You told us on (^FLDateEarlierSurvey) that you were temporarily laid off from your job. Which statement best reflects your current employment status?

- 1 I have resumed working at the same job
- 2 I am still temporarily laid off from the same job
- 3 I have lost my job and I am looking for work
- 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, please specify:

lr003aa_other (other job status after laid off in section Labor)
STRING

END OF GROUP

ELSEIF preload_lr001 = 4 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr003bb (job status after sick leave in section Labor)

You told us on (^FLDateEarlierSurvey) that you were on sick leave or other leave from your job. Which statement best reflects your current employment status?

- 1 I have resumed working at the same job
- 2 I am still on sick leave or other leave from the same job
- 3 I have lost my job and I am looking for work

- 4 I have been temporarily laid off from the same job
- 5 I am now working at a different job
- 6 None of these, please specify:

lr003bb_other (other job status after sick leave in section Labor)
STRING

END OF GROUP

ELSE

IF preload.lr003 = 4 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

- lr003cc** (job status after retired in section Labor)
You told us on (^**FLDateEarlierSurvey**) that you were retired. Which statement best reflects your current employment status?
- 1 I am still retired
 - 2 I now have a job
 - 3 I am unemployed and looking for work
 - 4 None of these, please specify:

lr003cc_other (other job status after retired in section Labor)
STRING

END OF GROUP

ELSEIF preload.lr003 = 5 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

- lr003dd** (job status after not in labor force in section Labor)
You told us on (^**FLDateEarlierSurvey**) that you were not in the labor force. Which statement best reflects your current employment status?
- 1 I am still not in the labor force (not currently working and not looking for work)
 - 2 I now have a job
 - 3 I am unemployed and looking for work
 - 4 I am retired
 - 5 None of these, please specify:

lr003dd_other (other job status after not in labor force in section Labor)
STRING

END OF GROUP

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

```

| | | | lr003 (employment status prev no job in section Labor)
| | | | 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
| | | | 4 I am retired
| | | | 5 I am not in the labor force (not currently working and not looking for work)
| | | | 3 None of these, please specify:
|
| | | | lr003_other (other employment status prev no job in section Labor)
| | | | STRING
|
| | | | END OF GROUP
| | | | END OF IF
| | | | END OF IF
| | ELSE
| | | | lr003a (currently have job in section Labor)
| | | | Do you currently have a job?
| | | | 1 Yes
| | | | 2 No
| | END OF IF
| END OF IF

/* The current job status indicator lr004 is set to "Not have a job" by default. It is then
set to "Have a job" if:

o The respondent had a job per preload_hadjob and now says they stil have this job
(lr001=1) or have a different job (lr001=5)

o OR the respondent did not have a job per preload_hadjob (preload_hadjob=2) and
was temporarily laid off (preload_lr001=3) and now says they have this job again
(lr003aa=1) or have a different job (lr003aa=5)

o OR the respondent did not have a job per preload_hadjob (preload_hadjob=2) and
was on sick leave (preload_lr001=4) and now says they have this job again (lr003bb=1)
or have a different job (lr003bb=5)

o OR the respondent is known to have had a job or not per preload_hadjob (preload_hadjob
= response) and was not temporarily laid off (preload_lr001!=3) and was not on sick
leave (preload_lr001!=4) and was retired (preload_lr003 = 4) and now says they have
a job (lr003cc=2)

o OR the respondent is known to have had a job or not per preload_hadjob (preload_hadjob
= response) and was not temporarily laid off (preload_lr001!=3) and was not on sick
leave (preload_lr001!=4) and was not in the work force (preload_lr003 = 5) and now
says they have a job (lr003dd=2)

```

- OR the respondent did not have a job per preload_hadjob (preload_hadjob=2), was not temporarily laid off (preload_lr001!=3), was not on sick leave (preload_lr001!=4) and now says they have a job (lr003=2)
- OR it is unknown if the respondent had a job or not per preload_hadjob and now says they have a job (lr003a=1)

*/

lr004 := 2

IF (preload_hadjob = 1 AND (lr001 = 1 OR lr001 = 5)) THEN

| lr004 := 1

ELSEIF (preload_hadjob = 2 AND preload_lr001 = 3 AND lr003aa IN (1,5)) THEN

| lr004 := 1

ELSEIF (preload_hadjob = 2 AND preload_lr001 = 4 AND lr003bb IN (1,5)) THEN

| lr004 := 1

ELSEIF (preload_hadjob = RESPONSE AND preload_lr001 != 3 AND preload_lr001 != 4 AND preload_lr003 = 4 AND lr003cc = 2) THEN

| lr004 := 1

ELSEIF (preload_hadjob = RESPONSE AND preload_lr001 != 3 AND preload_lr001 != 4 AND preload_lr003 = 5 AND lr003dd = 2) THEN

| lr004 := 1

ELSEIF (preload_hadjob = 2 AND preload_lr001 != 3 AND preload_lr001 != 4 AND lr003 = 2) THEN

| lr004 := 1

ELSEIF (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)

STRING

END OF GROUP

Ir019 (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

Ir006 (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

Ir008 (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 previous survey in section Labor)

Have your work hours been reduced(**since** ^FLDateEarlierSurvey/ **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
- 6 Twice a month
- 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

LOOP FROM 1 TO 5

Ir011 (amount most recent paycheck in section Labor)

What was the amount on your most recent paycheck?

RANGE 0..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

ELSEIF Ir011 = RESPONSE AND Ir011 < 30 THEN

```

lr011a (confirm paycheck amount in section Labor)
You said your last paycheck was $(amount most recent paycheck()). Is this correct?
1 Yes, it is correct
2 No, I made a mistake
3 I did not receive a paycheck in the past fourteen days
4 I do not recall the amount of my last paycheck
5 I prefer not to answer

IF lr011a != 2 THEN
|
END OF IF

ELSE
|
END OF IF

END OF LOOP

lr012_ask := 2

IF lr011 > 29 OR (lr011 < 30 AND lr011a = 1) THEN
| lr012_ask := 1
END OF IF

IF lr011 = EMPTY OR (lr011 = RESPONSE AND lr011 < 30 AND lr011a = 4)
THEN
| IF lr010 = 1 THEN
| lr011b.i (paycheck monthly in section Labor)
| For the most recent paycheck for your job, would you say the amount was
| 1 Lower than $1,500
| 2 Between $1,500 and $3,000
| 3 Between $3,000 and $4,500
| 4 Between $4,500 and $6,000
| 5 Higher than $6,000
| 6 Prefer not to answer
| 7 Don't know
|
| IF lr011b.i IN (1,2,3,4,5) THEN
| | lr012_ask := 1
| END OF IF
| ELSEIF lr010 IN (2,6) THEN

```

Ir011b_ii (paycheck twice a month or every two weeks in section Labor)
For the most recent paycheck for your job, would you say the amount was

- 1 Lower than \$750
- 2 Between \$750 and \$1,500
- 3 Between \$1,500 and \$2,250
- 4 Between \$2,250 and \$3,000
- 5 Higher than \$3,000
- 6 Prefer not to answer
- 7 Don't know

IF Ir011b_ii IN (1,2,3,4,5) THEN
| Ir012_ask := 1
END OF IF

ELSEIF Ir010 = 3 THEN
Ir011b_iii (paycheck every week in section Labor)
For the most recent paycheck for your job, would you say the amount was

- 1 Lower than \$375
- 2 Between \$375 and \$750
- 3 Between \$750 and \$1,125
- 4 Between \$1,125 and \$1,500
- 5 Higher than \$1,500
- 6 Prefer not to answer
- 7 Don't know

IF Ir011b_iii IN (1,2,3,4,5) THEN
| Ir012_ask := 1
END OF IF

ELSEIF Ir010 = 4 THEN
Ir011b_iv (paycheck every day in section Labor)
For the most recent paycheck for your job, would you say the amount was

- 1 Lower than \$75
- 2 Between \$75 and \$150
- 3 Between \$150 and \$300
- 4 Between \$300 and \$600
- 5 Higher than \$600
- 6 Prefer not to answer
- 7 Don't know

IF Ir011b_iv IN (1,2,3,4,5) THEN
| Ir012_ask := 1
END OF IF

ELSEIF Ir010 = 5 THEN


```

lr011b_v (paycheck other frequency in section Labor)
For the most recent paycheck for your job, would you say the amount was
1 Lower than $375
2 Between $375 and $750
3 Between $750 and $1,500
4 Between $1,500 and $3,000
5 Higher than $3,000
6 Prefer not to answer
7 Don't know

IF lr011b_v IN (1,2,3,4,5) THEN
| lr012_ask := 1
END OF IF
END OF IF

IF lr012_ask = 1 THEN
| lr012 (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
END OF IF

IF lr010 = 4 OR lr010 = 5 OR lr005 = 1 THEN
| lr011c (takeaway amount last month in section Labor)
| Overall, taking into account all sources of income related to your job(s) and/or business,
| what was your income or "take home pay" in the past month?
| RANGE 0..10000000

| IF lr011c > 50000 THEN
| | check_lr011c (takeaway amount over 50k in section Labor)
| | You entered an amount over $50,000. Is this correct?
| | 1 Yes
| | 2 No
| ELSEIF lr011c = EMPTY THEN
| | lr011c_i (followup takeaway amount past month in section Labor)
| | Would you say that your income or "take home pay" in the past month was:
| | 1 Lower than $1,500,
| | 2 Between $1,500 and $3,000
| | 3 Between $3,000 and $4,500
| | 4 Between $4,500 and $6,000
| | 5 Higher than $6,000
| | 6 Prefer not to answer

```

| 7 Don't know

| END OF IF

END OF IF

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN

| **lr013** (how many 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 lr013 > 1 AND lr005 = 2 THEN

| | **lr014** (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

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

| **lr015** (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

END OF IF

lr016 (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

LOOP FROM 1 TO 5

Ir017 (amount unemployment insurance in section Labor)

How much did you receive in unemployment insurance in your most recent payment?

RANGE 0..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

ELSEIF Ir017 = RESPONSE AND Ir017 < 15 THEN

Ir017b (confirm unemployment amount in section Labor)

You said your most recent payment for unemployment compensation was \$(amount unemployment insurance()). Is this correct?

1 Yes, that is correct

2 No, I made a mistake

3 I did not receive a payment in the past fourteen days

4 I do not recall the amount of my last UI payment

5 I prefer not to answer

IF Ir017b != 2 THEN

I

END OF IF

ELSE

I

END OF IF

END OF LOOP

IF Ir017 = EMPTY OR (Ir017 = RESPONSE AND Ir017 < 15 AND Ir017b = 4) THEN

Ir017b.i (followup unemployment amount in section Labor)

Would you say the amount was?

1 \$300 or less

2 \$301 to \$600

3 \$601 to \$900

- 4 \$901 to \$1200
- 5 More than \$1200
- 6 I prefer not to answer
- 7 Don't know

END OF IF

IF Ir017 > 14 OR (Ir017 = RESPONSE AND Ir017 < 15 AND Ir017b = 1) OR
(Ir017 = RESPONSE AND Ir017 < 15 AND Ir017b = 4 AND Ir017b.i IN (1,2,3,4,5)) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir017a (how often receive unemployment insurance in section Labor)
How often do you expect to receive this amount?

- 1 Once every week
- 2 Once every two weeks
- 3 Once every month
- 4 Another interval, please specify:
- 5 Unsure

Ir017a_other (other how often receive unemployment insurance in section Labor)
STRING

END OF GROUP

END OF IF

ELSEIF Ir016 = RESPONSE THEN

IF Ir016 = 3 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir016a (why unsure about whether received unemployment insurance in past 14 days in section Labor)
Why are you unsure about whether you have received unemployment insurance in the past 14 days?

- 1 I received a benefit payment but I am unsure about whether it is from unemployment insurance or some other program
- 2 I am expecting to receive a payment but I am unsure whether it has been deposited/mailed
- 3 I received a payment but I am unsure when I received it
- 4 I prefer not to answer this question
- 5 Other, please specify:

Ir016a_other (other why unsure about whether received unemployment insurance in past 14 days in section Labor)
STRING

| END OF GROUP

END OF IF

Ir031 (applied for unemployment benefits since february 2020 in section Labor)

Have you **applied** for unemployment insurance since February 2020?

- 1 Yes
- 2 No
- 3 Unsure

IF Ir031 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir032_month (month applied unemployment in section Labor)

When did you apply? If you're not sure, just give your best guess. If you have applied more than once since February 2020, please tell us about the first time that you applied.

- 1 February
- 2 March
- 3 April
- 4 May
- 5 June
- 6 July
- 7 August
- 8 September

Ir032_day (day applied unemployment in section Labor)

- 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
- 19 19

20 20
21 21
22 22
23 23
24 24
25 25
26 26
27 27
28 28
29 29
30 30
31 31

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir033 (why not received unemployment in section Labor)
Why haven't you received unemployment insurance benefits?
1 My application was approved but I haven't been paid yet.
2 My application was rejected.
3 I am still waiting for my application to be approved.
4 I am receiving benefits but have not been paid in the past fourteen days
6 I went back to work
7 I am still being paid by employer
8 I did receive benefits at some point
5 Other, please specify:

Ir033_other (other why not received unemployment in section Labor)
STRING

END OF GROUP

ELSEIF Ir031 = 2 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir034 (why not applied unemployment in section Labor)
Why haven't you applied for unemployment insurance benefits?
1 I am currently working
2 My former employer has not made me eligible
3 I am not eligible for other reasons
4 I am unsure how to apply
5 I decided not to apply for other reasons
7 I am retired
8 I receive disability or Supplemental Security Income
9 I am temporally on leave from my job /summer break / seasonal

6 Other, please specify:

lr034_other (other why not applied unemployment in section Labor)
STRING

END OF GROUP

END OF IF

END OF IF

/* Questions lr019a, lr020a, lr021 and lr022 are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260 or UAS262. */

IF preload_uas242_244.endtime = RESPONSE THEN

```
preload_lr019a := getUASPreloadByCovidSuidBySurveySubset("lr019a", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262))  
preload_lr020a := getUASPreloadByCovidSuidBySurveySubset("lr020a", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262))  
preload_lr021 := getUASPreloadByCovidSuidBySurveySubset("lr021", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262))  
preload_lr022 := getUASPreloadByCovidSuidBySurveySubset("lr022", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262))  
preload_lr027 := getUASPreloadByCovidSuidBySurveySubset("lr027", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262))  
preload_lr029_month := getUASPreloadByCovidSuidBySurveySubset("lr029_month",  
array(242,244,246,248,250,252,254,256,258,260,262))  
preload_lr029_day := getUASPreloadByCovidSuidBySurveySubset("lr029_day", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262))  
preload_lr030 := getUASPreloadByCovidSuidBySurveySubset("lr030", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262))
```

END OF IF

IF preload_lr019a = EMPTY THEN

lr019a (February 2020 employment type in section Labor)

Thinking back to February 2020, were you employed by the government, employed by a private company, employed by a nonprofit organization, self-employed, not employed or retired?

- 1 Government (Federal, State, or Local)
- 2 Private-for-profit company
- 3 Non-profit organization including tax exempt and charitable organizations
- 4 Self-employed
- 5 Not employed
- 6 Retired

IF lr019a IN (1,2,3) THEN

Ir021 (February 2020 number of employees in section Labor)

About how many employees (including yourself) worked for this company or organization? If the company or organization has more than one location, add up all employees at the different locations.

- 1 Less than 5
- 2 5-14
- 3 15-24
- 4 25-49
- 5 50-99
- 6 100-499
- 7 500-1,000
- 8 1,000-5,000
- 9 5,000-50,000
- 10 More than 50,000
- 11 Unsure

ELSEIF Ir019a = 4 THEN

Ir022 (February 2020 self-employed number of employees in section Labor)

Including yourself, how many people worked in your business or organization in February 2020?

- 1 1 (Just me)
- 2 2-4
- 3 5-14
- 4 15-24
- 5 25-49
- 6 50-99
- 7 100-499
- 8 500-1,000
- 9 1,000-5,000
- 10 5,000-50,000
- 11 More than 50,000
- 12 Unsure

END OF IF

IF Ir019a IN (1,2,3,4) THEN

Ir020a (February 2020 interaction within six feet in section Labor)

Some people have jobs that require them to interact with people face to face in the same location. Thinking back to **February 2020**, how often did your job require you to come within six feet of other people (such as customers, clients, patients, or coworkers)?

- 1 Never
- 2 Less than once per week
- 3 1-2 times per week
- 4 Several times per week
- 5 Nearly every day
- 6 Every day

| END OF IF

ELSE

| Ir019a := preload.Ir019a

| Ir020a := preload.Ir020a

| Ir021 := preload.Ir021

| Ir022 := preload.Ir022

END OF IF

IF Ir004 = 1 THEN

| **Ir026** (currently interaction within six feet in section Labor)

How often does your job **currently** require you to come within six feet of other people (such as customers, clients, patients, or coworkers)?

1 Never

2 Less than once per week

3 1-2 times per week

4 Several times per week

5 Nearly every day

6 Every day

END OF IF

IF Ir019a IN (1,2,3,4) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

| **Ir023_intro** (Section Labor)

To encourage social distancing, some governments have imposed restrictions on some businesses and organizations. Since February 2020, has **the government** imposed any of the following restrictions on businesses or organizations like yours:

SUBGROUP OF QUESTIONS

| **Ir023a** (Ordered them to close completely in section Labor)

Ordered them to close completely

1 Yes

2 No

3 Unsure

| **Ir023b** (Ordered them to substantially limit operations in section Labor)

Ordered them to substantially limit operations

1 Yes

2 No

3 Unsure

| **Ir023c** (Ordered employees to work from home in section Labor)

Ordered employees to work from home

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

IF Ir023a = 1 THEN

Ir024a (government allowed to reopen in section Labor)

Has **the government** allowed businesses or organizations like yours to reopen?

- 1 Yes, completely
- 2 Yes, partially or with restrictions
- 3 No
- 4 Unsure

END OF IF

IF Ir023b = 1 THEN

Ir024b (government allowed to resume fully in section Labor)

Has **the government** allowed businesses or organizations like yours to resume normal operations?

- 1 Yes, completely
- 2 Yes, partially or with restrictions
- 3 No
- 4 Unsure

END OF IF

IF Ir023c = 1 THEN

Ir024c (government allowed to stop working from home in section Labor)

Has **the government** allowed employees to stop working from home?

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

END OF IF

IF Ir019a IN (1,2,3,4) THEN

Ir025 (government identified business as essential in section Labor)

Has the government identified your business or organization as "essential" during the coronavirus epidemic?

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

Ir026a (married or with partner in section Labor)

Are you married, or do you have a partner who you live with?

1 Yes

2 No

IF Ir026a = 1 THEN

IF preload_Ir027 = EMPTY THEN

Ir027 (February 2020 employment status spouse/partner in section Labor)

Which statement best reflects the employment status of your spouse or partner in **February 2020**?

1 My spouse or partner was employed and had a job

2 My spouse or partner was unemployed and was looking for work

3 My spouse or partner was temporarily laid off

4 My spouse or partner was on sick leave or other leave

5 My spouse or partner was not in the labor force (not employed and not looking for work)

6 My spouse or partner was retired

7 None of these

ELSE

Ir027 := preload_Ir027

END OF IF

Ir028 (current employment status spouse/partner in section Labor)

Which statement best reflects the **current** employment status of your spouse or partner?

1 My spouse or partner is employed and has a job

2 My spouse or partner is unemployed and looking for work

3 My spouse or partner is temporarily laid off

4 My spouse or partner is on sick leave or other leave

5 My spouse or partner is not in the labor force (not employed and not looking for work)

6 My spouse or partner is retired

7 None of these

IF Ir027 = RESPONSE AND Ir028 = RESPONSE AND Ir027 != Ir028 THEN

IF preload_Ir029_month = EMPTY AND preload_Ir029_day = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir029_intro (employment status changed in section Labor)

When did the employment status of your spouse or partner change?

If you're not sure, just give your best guess

Ir029_month (month unemployment status changed in section Labor)

2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September

Ir029_day (day unemployment status changed in section Labor)

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
19 19
20 20
21 21
22 22
23 23
24 24
25 25
26 26
27 27
28 28
29 29
30 30
31 31

END OF GROUP

ELSE

```

| Ir029_month := preload.Ir029_month
| Ir029_day := preload.Ir029_day
| END OF IF
END OF IF

IF Ir028 = 1 THEN
| IF preload.Ir030 = EMPTY THEN
| Ir030 (spouse/partner hours reduced in section Labor)
| Have your spouse or partner's hours been reduced since February 2020?
| 1 Yes
| 2 No
| 3 Unsure
| ELSE
| Ir030 := preload.Ir030
| END OF IF
| IF preload.Ir030 = RESPONSE THEN
| Ir030a (spouse/partner hours reduced in section Labor)
| Have your spouse or partner's hours been reduced since ( ^FLDateEarlierSurvey)?
| 1 Yes
| 2 No
| 3 Unsure
| END OF IF
END OF IF

Ir035 (spouse or partner received unemployment in section Labor)
Has your spouse or partner received unemployment insurance benefits in the past
fourteen days?
1 Yes
2 No
3 Unsure
END OF IF

Fill code of question FLIr036 executed

Ir036 (anyone else in household received unemployment in section Labor)
Other than you( and your spouse or partner/ yourself), has anyone else in your household
received unemployment insurance benefits in the past fourteen days?
1 Yes
2 No
3 Unsure

IF (Ir026a = 1 AND Ir035 = 1) OR Ir036 = 1 THEN

```

lr037 (unemployment household received in section Labor)

Over the **past month**, how much did you and other household members receive from unemployment insurance? If you are not sure, please give your best guess.

RANGE 0..9999

END OF IF

End of section **Labor**

Start of section **Economic**

preload_ei007 := getCovid19Preload("ei007")

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

FLOneMonthAgo := getOneMonthAgo()

/* The following questions ARE asked in this survey per alternatwave=1. */

IF alternatwave = 1 THEN

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:

- o 1 Medicaid (ei005a)
- o 2 Medicare (ei005b)
- o 3 Social Security (ei005c)
- o 4 Supplemental Security Income (SSI) (ei005d)
- o 5 Social Security Disability Insurance (SSDI) (ei005e)
- o 6 Special Supplemental Assistance Program for Women, Infants, and Children (WIC) (ei005f)
- o 7 Temporary Assistance for Needy Families (TANF) (ei005g)
- o 8 Supplemental Nutrition Assistance Program (SNAP or Food Stamps) (ei005h)
- o 9 Children's Health Insurance Program (CHIP) (ei005i)
- o 10 Housing Assistance (e.g. Section 8 or vouchers) (ei005j)
- o 11 Earned Income Tax Credit (EITC) (ei005k)
- o 12 Economic stimulus funds (ei005l)
- o 13 Aid for people or businesses affected by the coronavirus epidemic (ei005m)

Answer options for all questions in the series are:

- o 1 Yes
- o 2 No
- o 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

IF ei006 = 2 THEN

ei006_why (why not able to use SNAP in section Economic)

Why were you not able to use your SNAP benefits at the grocery store?

STRING

END OF IF

END OF IF

IF ei005c = 1 THEN

ei005inc_c (how much received social security in section Economic)

Over the **past month** (since ()), how much did you and other household members receive from **Social Security**? If you are not sure, please give your best guess.

| RANGE 0..9999

END OF IF

IF ei005d = 1 THEN

| **ei005inc.d** (how much received Supplemental Security Income (SSI) in section Economic)

Over the **past month** (since ()), how much did you and other household members receive from **Supplemental Security Income (SSI)**? If you are not sure, please give your best guess.

| RANGE 0..9999

END OF IF

IF ei005e = 1 THEN

| **ei005inc.e** (how much received Social Security Disability Insurance (SSDI) in section Economic)

Over the **past month** (since ()), how much did you and other household members receive from **Social Security Disability Insurance (SSDI)**? If you are not sure, please give your best guess.

| RANGE 0..9999

END OF IF

IF ei005h = 1 THEN

| **ei005inc.h** (how much received SNAP or Food Stamps benefits in section Economic)

Over the **past month** (since ()), how much did your household receive in **SNAP or Food Stamps benefits**? If you are not sure, please give your best guess.

| RANGE 0..9999

END OF IF

END OF IF

IF preload_ei007 = EMPTY THEN

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

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

1 Yes

2 No

3 Unsure

ELSE

| ei007 := preload_ei007

END OF IF

/* The following questions ARE asked in this survey per alternatwave=1. */

IF alternatwave = 1 THEN

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

END OF IF

ei030 (have you been evicted or foreclosed, received an eviction or foreclosure notice in section Economic)

Since April 1, have you been evicted or foreclosed, received an eviction or foreclosure notice, or been told by a landlord to move from your residence?

1 Yes, I have been, or am currently being, evicted or foreclosed from my residence

2 Yes, I have received an eviction or foreclosure notice, but have not yet been evicted or foreclosed from my residence

3 Yes, I have been told by a landlord to leave my residence, but have not yet received a written eviction notice

4 No, I have **not** been evicted or foreclosed, received an eviction or foreclosure notice, or been told by a landlord to leave my residence

IF ei030 IN (2,3,4) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ei031 (chance will be evicted in section Economic)

What is the percent chance that you will be evicted, go into foreclosure, or be forced by a landlord to move from your current residence in the next thirty days? If you are not sure, please give your best guess.

RANGE 0..100

ei031_na (does not apply chance will be evicted in section Economic)

OR

1 Does not apply to my housing situation

ei_error (Section Economic)

Please select a value or check the box.

END OF GROUP

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

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN

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 IF

End of section **Economic**

Start of section **School_264**

school_intro (Section School)

Now we'd like to ask you some questions about education.

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ed001_summer_intro (how many kids in school intro in section Schoolold)

How many members of your household are enrolled in preschool or daycare, primary school, middle school, high school, or post-secondary school in the 2020-2021 school year?

Count yourself if you are enrolled in school.

SUBGROUP OF QUESTIONS

ed001a (preschool or day care in section Schoolold)

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 Schoolold)

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 Schoolold)

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 Schoolold)

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 Schoolold)

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

educationreward := 0

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

school_opt (opt in or out of school questions in section School)

The next questions are about experiences related to K-12 education. This section should take roughly 14 minutes, depending on your experiences, and you will earn an extra \$9 for completing it. If you prefer not to answer this section, check the box below or click "Next" to continue.

1 I prefer not to answer this section

IF school_opt \neq 1 THEN

educationreward := educationreward + 9

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

ed017 (how many devices for kids in section School_264)

Which of the following best describes your household:

- 1 We do not have a computer/device for children to participate in distance learning
- 2 School-aged children in our house must share computers/devices to participate in distance learning
- 3 We have one dedicated computer/device for each child that needs one for distance learning
- 4 Children are not participating in distance learning

ed018 (internet access children in section School_264)

Which of the following best describes your household's internet access?

- 1 Students in our house do not have internet access to support learning at home
- 2 Students in our house have internet access to support learning at home but it is slow or drops frequently (there is not enough bandwidth)
- 3 Students have internet access to support learning at home and it works well (there is enough bandwidth)

totalk12 := ed001b + ed001c + ed001d

/* If respondents have one or more children in grades K-12, they are asked about those children. If they were asked about that in UAS240, UAS242 or UAS250 the names provided there are preloaded (and not asked). Also, the randomly asked about child from UAS240, UAS242 or UAS250 is asked about in this survey again as well. If this is not the case respondents are asked to provide names and a named child is randomly selected to be asked about. */

preload_selectedchild := getUASPreloadByCovidSuidBySurveySubset("selectedchild", array(240,242,250))

IF preload_selectedchild = RESPONSE THEN

preload_selectednames := getUASPreloadByCovidSuidBySurveySubset("selectednames", array(240,242,250), 2)

sl055 (random selected child still in k-12 in section School_264)

Over the past few months, you have answered questions about **(previous survey k-12 selected names(preload_selectedchild))**'s school experiences. Is (previous survey k-12 selected names(preload_selectedchild)) still a student in elementary, middle, or high school for the 2020-21 school year?

1 Yes

2 No

IF sl055 = 2 THEN

 haveselectedchild := 2

 selectedchild := empty

ELSE

 selectedchild := preload_selectedchild

 selectednames := preload_selectednames

 haveselectedchild := 1

END OF IF

END OF IF

IF selectedchild = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl015b.intro (Section Schoolold)

You said that (total number of kids in elementary, middle, or high school()) household members are currently in grades K-12. What are their first names or nicknames? Just first names or nicknames will do.

LOOP FROM 1 TO TOTALK12

 Fill code of question FLsl015b executed

 FLsl015b_dummy(cnt) := FLsl015b(cnt)

sl015b (name student in section Schoolold)

 STRING

END OF LOOP

END OF GROUP

LOOP FROM 1 TO TOTALK12

IF sl015b(checkcnt) = EMPTY THEN

IF totalk12 > 1 THEN

checkcntwarning (Section Schoolold)

You said that (total number of kids in elementary, middle, or high school()) household members are currently in grades K-12. Please go back and give all of their names or nicknames OR click "Next" to continue.

ELSE

checkcntwarning_single (Section Highered)

You said that (total number of kids in elementary, middle, or high school()) household member is currently in grades K-12. Please go back and give their name or nickname OR click "Next" to continue.

END OF IF

END OF IF

END OF LOOP

counter := 1

LOOP FROM 1 TO TOTALK12

IF sl015b(namecnt) = RESPONSE THEN

selectednames(counter) := sl015b(namecnt)
counter := counter + 1

END OF IF

END OF LOOP

IF selectedchild = EMPTY THEN

LOOP FROM 1 TO 50

selectedchild := mt_rand(1, sizeof(selectednames))

IF selectednames(selectedchild) = RESPONSE THEN

|

END OF IF

END OF LOOP

END OF IF

```

END OF IF
END OF IF
END OF IF
END OF IF

IF ed001b ≥ 1 OR ed001c ≥ 1 OR ed001d ≥ 1 THEN
  school_opt (opt in or out of school questions in section School)
  IF ed001b ≥ 1 OR ed001c ≥ 1 OR ed001d ≥ 1 THEN
    IF selectedchild = RESPONSE AND selectednames(selectedchild) = RESPONSE
    THEN
      sl056 (grade of selected child in section School_264)
      In what grade is ((selectedchild)) this year?
      0 Kindergarten
      1 1st grade
      2 2nd grade
      3 3rd grade
      4 4th grade
      5 5th grade
      6 6th grade
      7 7th grade
      8 8th grade
      9 9th grade
      10 10th grade
      11 11th grade
      12 12th grade

      sl057 (selected child in different school in section School_264)
      Does ((selectedchild)) attend a different school than they did in 2019-20?
      1 Yes
      2 No

      IF sl057 = 1 THEN
        sl042a (change influenced by covid in section School)
        To what extent was this change influenced by experiences during the COVID pan-
        demic?
        1 Not at all
        2 Very little
        3 Somewhat
        4 Very much
      END OF IF

      sl079 (type of child selected child in section School_264)

```

What type of school is **((selectedchild))** attending in the 2020-21 school year (regardless of whether in-person, hybrid, or fully virtual which we will also ask about)?

- 1 Neighborhood public school / other public school
- 2 Magnet public school
- 3 Charter school
- 4 Private or religious school
- 5 Home school
- 6 Other

IF sI079 != 7 THEN

sI058 (school open for in-person learning in section School_264)

Is **((selectedchild))**'s school open for in-person learning **in any way** at the time you are completing this survey?

- 1 No - all students are remote
- 2 Yes - some students are going in-person
- 3 Yes - all students are going in-person

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sI059 (how attending school right now in section School_264)

How is **((selectedchild))** attending school right now?

- 1 In-person only
- 2 Remote only
- 3 In-person/remote hybrid
- 4 Other, please specify:

sI059_other (other how attending school right now in section School_264)

STRING

END OF GROUP

IF sI079 != 7 THEN

sI060 (school mode based on choice in section School_264)

Is your child's mode of attendance right now based on a choice your school gave you?

- 1 Yes
- 2 No
- 3 Unsure

sI061 (school offered internet access in section School_264)

Did **((selectedchild))**'s school district offer to provide **internet access** (e.g., through wi-fi hubs or wi-fi hotspots) for **((selectedchild))** to be able to participate in distance learning this fall?

- 1 Yes and I accepted

- 2 Yes and I declined
- 3 No they did not offer
- 4 Unsure

sl062 (school offered computer in section School_264)

Did **((selectedchild))**'s school district offer to provide a **computer or other device** for **((selectedchild))** to be able to participate in distance learning this fall?

- 1 Yes and I accepted
- 2 Yes and I declined
- 3 No they did not offer
- 4 Unsure

sl063 (school provided tutoring in section School_264)

Has **((selectedchild))**'s school provided **tutoring or additional small group instruction** to help **((selectedchild))** catch up or to help stay on track this year?

- 1 Yes
- 2 No and it is needed
- 3 No and it is not needed
- 4 Unsure

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl064.intro (intro in section School_264)

Have **any adults in your household** acquired or provided any of the following tutoring or additional instructional supports named below to help **((selectedchild))** catch up or stay on track this year **outside of what school is providing?**

SUBGROUP OF QUESTIONS

sl064a (learning pods or pandemic pods in section School_264)

Learning pods or "pandemic pods" (in-person groups of students learning together with the help of an in-person tutor or teacher, organized by families, not by schools. Students in pods are engaging in the school's curriculum and following the school schedule).

- 1 Yes
- 2 No

sl064b (small group tutoring in section School_264)

Small group tutoring where tutors are providing additional help beyond the regular school day. Tutoring can be in person or remote

- 1 Yes
- 2 No

sl064c (one-on-one tutoring, in person or remote in section School_264)

One-on-one tutoring, in person or remote

1 Yes

2 No

END OF SUBGROUP

END OF GROUP

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl065_intro (Section School_264)

On a typical school day, how much time does ((selectedchild)) spend:

sl065a (Going to school in-person in section School_264)

Going to school in-person

RANGE 0..8

sl065b (Participating in online, synchronous instruction in section School_264)

Participating in online, synchronous instruction (for example receiving instruction from a teacher in a zoom meeting). **Synchronous instruction** refers to when teachers and students gather together in real-time to engage in learning activities

RANGE 0..8

sl065c (Participating in asynchronous educational activities without a teacher present in section School_264)

Participating in asynchronous educational activities without a teacher present (e.g., practicing math in a math app, practicing math skills on paper, reading an assigned book chapter or passage, practicing spelling on a website, watching a science video). **Asynchronous learning** refers to learning students engage in on their own time, at their own pace, when there is no teacher or peers present. Asynchronous learning can be online or offline.

RANGE 0..8

sl065d (Outside of school activities, interacting with peers in-person in section School_264)

Outside of school activities, interacting with peers in-person

RANGE 0..8

sl065e (Outside of school activities, interacting with peers virtually in section School_264)

Outside of school activities, interacting with peers virtually

RANGE 0..8

END OF GROUP

IF s1079 != 7 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl066_intro (intro in section School_264)

Students are often given the grades A, B, C, D and F to rate the quality of their work at school. How would you rate **((selectedchild))**'s school in each of the following areas using the same grading scale with A being the highest grade and F the lowest:

SUBGROUP OF QUESTIONS

sl066a_pre (pre-covid quality of education in section School_264)

Quality of education

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066a_spring (spring 2020 quality of education in section School_264)

Quality of education

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066a_fall (fall 2020 quality of education in section School_264)

Quality of education

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066b_pre (pre-covid quality of feedback from teacher(s) in section School_264)

Quality of feedback from teacher(s)

- 1 A
- 2 B
- 3 C

4 D
5 F

sl066b.spring (spring 2020 quality of feedback from teacher(s) in section School_264)

Quality of feedback from teacher(s)

1 A
2 B
3 C
4 D
5 F

sl066b.fall (fall 2020 quality of feedback from teacher(s) in section School_264)

Quality of feedback from teacher(s)

1 A
2 B
3 C
4 D
5 F

sl066c.pre (pre-covid keeping selected child engaged in section School_264)

Keeping ((**selectedchild**)) engaged

1 A
2 B
3 C
4 D
5 F

sl066c.spring (spring 2020 keeping selected child engaged in section School_264)

Keeping ((**selectedchild**)) engaged

1 A
2 B
3 C
4 D
5 F

sl066c.fall (fall 2020 keeping selected child engaged in section School_264)

Keeping ((**selectedchild**)) engaged

1 A
2 B
3 C
4 D
5 F

sl066d_pre (pre-covid students' relationship(s) with teacher(s) in section School_264)

Students' relationship(s) with teacher(s)

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066d_spring (spring 2020 students' relationship(s) with teacher(s) in section School_264)

Students' relationship(s) with teacher(s)

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066d_fall (fall 2020 students' relationship(s) with teacher(s) in section School_264)

Students' relationship(s) with teacher(s)

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066e_pre (pre-covid quality of instruction in science in section School_264)

Quality of instruction in science

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066e_spring (spring 2020 quality of instruction in science in section School_264)

Quality of instruction in science

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066e_fall (fall 2020 quality of instruction in science in section School_264)

Quality of instruction in science

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066f_pre (pre-covid quality of instruction in mathematics in section School_264)

Quality of instruction in mathematics

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066f_spring (spring 2020 quality of instruction in mathematics in section School_264)

Quality of instruction in mathematics

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066f_fall (fall 2020 quality of instruction in mathematics in section School_264)

Quality of instruction in mathematics

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066g_pre (pre-covid quality of instruction in English Language Arts in section School_264)

Quality of instruction in English Language Arts

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066g_spring (spring 2020 quality of instruction in English Language Arts in section School_264)

Quality of instruction in English Language Arts

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066g_fall (fall 2020 quality of instruction in English Language Arts in section School_264)

Quality of instruction in English Language Arts

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066h_pre (pre-covid keeping students healthy in section School_264)

Keeping students healthy

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066h_spring (spring 2020 keeping students healthy in section School_264)

Keeping students healthy

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

sl066h_fall (fall 2020 keeping students healthy in section School_264)

Keeping students healthy

- 1 A
- 2 B
- 3 C
- 4 D
- 5 F

END OF SUBGROUP

END OF GROUP

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl071_intro (Section School_264)

How concerned or unconcerned are you about the following aspects of ((**selected-child**))'s school experiences for 2020-21?

SUBGROUP OF QUESTIONS

sl071a (The quality of the education the school will deliver in section School_264)

The quality of the education the school will deliver

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

sl071b (If my child is behind where he/she needs to be academically in section School_264)

If my child is behind where he/she needs to be academically

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

sl071c (How my child is faring socially in section School_264)

How my child is faring socially

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

sl071d (How my child is faring emotionally in section School_264)

How my child is faring emotionally

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl072.intro (Section School_264)

How prepared or unprepared was **((selectedchild))** in each of the following subjects at the start of the 2020-21 school year?

SUBGROUP OF QUESTIONS

sl072a (prepared math in section School_264)

Math

- 1 Not at all prepared
- 2 A little prepared
- 3 Moderately prepared
- 4 Very prepared
- 5 Unsure

sl072b (prepared science in section School_264)

Science

- 1 Not at all prepared
- 2 A little prepared
- 3 Moderately prepared
- 4 Very prepared
- 5 Unsure

sl072c (prepared reading/writing/language arts in section School_264)

Reading/writing/language arts

- 1 Not at all prepared
- 2 A little prepared
- 3 Moderately prepared
- 4 Very prepared
- 5 Unsure

sl072d (prepared social studies/history/civics in section School_264)

Social studies/history/civics

- 1 Not at all prepared
- 2 A little prepared
- 3 Moderately prepared
- 4 Very prepared
- 5 Unsure

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl056_intro (Section School)

How concerned or unconcerned are you about each of the following:

SUBGROUP OF QUESTIONS

sl056a (psychological well-being in section School)

((selectedchild))'s psychological well-being?

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

sl056b (activity levels in section School)

((selectedchild))'s activity levels?

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

sl056c (physical health in section School)

((selectedchild))'s physical health?

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

sl056d (having enough food to eat in section School)

((selectedchild))'s having enough food to eat?

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

sl056e (relationship with peers in section School)

((selectedchild))'s relationships with peers?

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

sl056f (relationship with teachers in section School)

((selectedchild))'s relationships with teachers?

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned

4 Very concerned

sl056g (amount will learn in section School)

The amount **((selectedchild))** will learn this year compared to a typical school year?

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

sl056h (how engaged in section School)

How engaged **((selectedchild))** will be this year in school?

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

END OF SUBGROUP

END OF GROUP

IF sl079 != 7 THEN

sl067 (school provided information about racial justice in section School.264)

Has **((selectedchild))**'s school recently provided information about racial justice resources (e.g., anti-racism resources, racial healing practices)?

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl068.intro (Section School.264)

If **((selectedchild))** needs help with schoolwork, how able are you to provide needed help in each of the following areas?

SUBGROUP OF QUESTIONS

sl068a (help math in section School.264)

Math

- 1 I can't help at all
- 2 I can help a little
- 3 I can mostly help
- 4 I can help very much

5 Not applicable

sl068b (help science in section School_264)

Science

- 1 I can't help at all
- 2 I can help a little
- 3 I can mostly help
- 4 I can help very much
- 5 Not applicable

sl068c (help social Studies/History/Civics in section School_264)

Social Studies/History/Civics

- 1 I can't help at all
- 2 I can help a little
- 3 I can mostly help
- 4 I can help very much
- 5 Not applicable

sl068d (help English Language Arts/Writing Math in section School_264)

English Language Arts/Writing Math

- 1 I can't help at all
- 2 I can help a little
- 3 I can mostly help
- 4 I can help very much
- 5 Not applicable

END OF SUBGROUP

END OF GROUP

```
preload_sl031a := getCovid19Preload("sl031a")
preload_sl031b := getCovid19Preload("sl031b")
preload_sl031c := getCovid19Preload("sl031c")
preload_sl031d := getCovid19Preload("sl031d")
preload_sl031e := getCovid19Preload("sl031e")
preload_sl032 := getCovid19Preload("sl032")
preload_sl033 := getCovid19Preload("sl033")
sl031_intro_shown := 2
```

```
IF haveselectedchild = 1 AND preload_sl031a = RESPONSE AND preload_sl031b
= RESPONSE AND preload_sl031c = RESPONSE AND preload_sl031d = RE-
SPONSE AND preload_sl031e = RESPONSE AND preload_sl032 = RESPONSE
AND preload_sl033 = RESPONSE THEN
```

```
sl031a := preload_sl031a
sl031b := preload_sl031b
sl031c := preload_sl031c
sl031d := preload_sl031d
sl031e := preload_sl031e
sl032 := preload_sl032
sl033 := preload_sl033
```

ELSE

IF sl031_intro_shown = 2 THEN

sl031_intro_intro (Section Schoolold)

The next few questions ask about services ((**selectedchild**)) may have received from your school in February 2020 (before COVID-related school closures).

sl031_intro_shown := 1

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl031_intro (Section Schoolold)

In February 2020, did ((**selectedchild**)) receive any of the following services?

SUBGROUP OF QUESTIONS

sl031a (were receiving gifted and talented instruction in section Schoolold)

Gifted and talented instruction

1 Yes

2 No

3 Unsure

sl031b (were receiving mental health services in section Schoolold)

Mental health services

1 Yes

2 No

3 Unsure

sl031c (were receiving free or reduced-price meals in section Schoolold)

Free or reduced-price meals

1 Yes

2 No

3 Unsure

sl031d (were receiving extra support for English language learners in section Schoolold)

Extra support for English language learners

- 1 Yes
- 2 No
- 3 Unsure

sl031e (were receiving extra support for struggling learners in section Schoolold)
Extra support for struggling learners

- 1 Yes
- 2 No
- 3 Unsure

sl032 (receive 504 plan services selected child in section Schoolold)
A 504 plan is a plan to ensure that a child with disabilities receives accommodations that will allow the child to learn.

In February 2020, did **((selectedchild))** receive services under a 504 plan?

- 1 Yes
- 2 No
- 3 Unsure

sl033 (receive IEP services selected child in section Schoolold)
An individual education plan (IEP) is a plan to ensure that a child with disabilities receives specialized instruction and services.

In February 2020, did **((selectedchild))** receive services related to an IEP?

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

END OF IF

IF sl031a = 1 OR sl031b = 1 OR sl031c = 1 OR sl031d = 1 OR sl031e = 1
OR sl032 = 1 OR sl033 = 1 THEN

IF sl031_intro_shown = 2 THEN

sl031_intro_intro (Section Schoolold)

The next few questions ask about services **((selectedchild))** may have received from your school in February 2020 (before COVID-related school closures).

sl031_intro_shown := 1

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl070.intro (Section School_264)

Has **((selectedchild))** received any of these services you told us about **since the start of the 2020-21 school year?**

SUBGROUP OF QUESTIONS

IF sl031a = 1 THEN

sl070a (receiving gifted and talented instruction in section School_264)

Gifted and talented instruction

- 1 Yes
- 2 Yes, but not as much as in February 2020
- 3 No the school hasn't yet provided them
- 4 Not applicable
- 5 Not sure

END OF IF

IF sl031b = 1 THEN

sl070b (receiving mental health services in section School_264)

Mental health services

- 1 Yes
- 2 Yes, but not as much as in February 2020
- 3 No the school hasn't yet provided them
- 4 Not applicable
- 5 Not sure

END OF IF

IF sl031c = 1 THEN

sl070c (receiving free or reduced-price meals in section School_264)

Free or reduced-price meals

- 1 Yes
- 2 Yes, but not as much as in February 2020
- 3 No the school hasn't yet provided them
- 4 Not applicable
- 5 Not sure

END OF IF

IF sl031d = 1 THEN

sl070d (receiving extra instruction for English language learners in section School_264)

Extra instruction for English language learners

- 1 Yes
- 2 Yes, but not as much as in February 2020
- 3 No the school hasn't yet provided them
- 4 Not applicable
- 5 Not sure

END OF IF

IF sl031e = 1 THEN

sl070e (receiving extra instruction for struggling learners in section School_264)

Extra instruction for struggling learners

- 1 Yes
- 2 Yes, but not as much as in February 2020
- 3 No the school hasn't yet provided them
- 4 Not applicable
- 5 Not sure

END OF IF

IF sl032 = 1 THEN

sl070f (receiving services under a 504 plan in section School_264)

Services under a 504 plan

- 1 Yes
- 2 Yes, but not as much as in February 2020
- 3 No the school hasn't yet provided them
- 4 Not applicable
- 5 Not sure

END OF IF

IF sl033 = 1 THEN

sl070g (receiving services under an IEP in section School_264)

Services under an IEP

- 1 Yes
- 2 Yes, but not as much as in February 2020
- 3 No the school hasn't yet provided them
- 4 Not applicable

| 5 Not sure

END OF IF

END OF SUBGROUP

END OF GROUP

IF sl070a IN (1,2) OR sl070b IN (1,2) OR sl070c IN (1,2) OR sl070d IN (1,2)
OR sl070e IN (1,2) OR sl070f IN (1,2) OR sl070g IN (1,2) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl069_intro (Section School_264)

How satisfied are you with these services provided by ((selectedchild))'s school
now in fall 2020?

SUBGROUP OF QUESTIONS

IF sl070a IN (1,2) THEN

sl069a (satisfaction receiving gifted and talented instruction in section
School_264)

Gifted and talented instruction

1 Not at all satisfied

2 A little satisfied

3 Mostly satisfied

4 Very satisfied

END OF IF

IF sl070b IN (1,2) THEN

sl069b (satisfaction receiving mental health services in section School_264)

Mental health services

1 Not at all satisfied

2 A little satisfied

3 Mostly satisfied

4 Very satisfied

END OF IF

IF sl070c IN (1,2) THEN

sl069c (satisfaction receiving free or reduced-price meals in section School.264)

Free or reduced-price meals

- 1 Not at all satisfied
- 2 A little satisfied
- 3 Mostly satisfied
- 4 Very satisfied

END OF IF

IF sl070d IN (1,2) THEN

sl069d (satisfaction receiving extra instruction for English language learners in section School.264)

Extra instruction for English language learners

- 1 Not at all satisfied
- 2 A little satisfied
- 3 Mostly satisfied
- 4 Very satisfied

END OF IF

IF sl070e IN (1,2) THEN

sl069e (satisfaction receiving extra instruction for struggling learners in section School.264)

Extra instruction for struggling learners

- 1 Not at all satisfied
- 2 A little satisfied
- 3 Mostly satisfied
- 4 Very satisfied

END OF IF

IF sl070f IN (1,2) THEN

sl069f (satisfaction receiving services under a 504 plan in section School.264)

Services under a 504 plan

- 1 Not at all satisfied
- 2 A little satisfied
- 3 Mostly satisfied
- 4 Very satisfied

END OF IF

IF sl070g IN (1,2) THEN

sl069g (satisfaction receiving services under an IEP in section School_264)
Services under an IEP
1 Not at all satisfied
2 A little satisfied
3 Mostly satisfied
4 Very satisfied

END OF IF

END OF SUBGROUP

END OF GROUP

END OF IF

END OF IF

END OF IF

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl073_intro (Section School_264)

Schools are considering several policies in the wake of the COVID pandemic. Do you oppose or support each of the following policies?

SUBGROUP OF QUESTIONS

sl073a (Canceling all standardized tests for the 2020-21 school year in section School_264)

Canceling all standardized tests for the 2020-21 school year

- 1 Strongly oppose
- 2 Oppose
- 3 Support
- 4 Strongly support

sl073b (Sending all students back to school in-person in section School_264)

Sending all students back to school in-person

- 1 Strongly oppose
- 2 Oppose
- 3 Support
- 4 Strongly support

sl073c (Sending some students back to school in-person, while others stay fully remote in section School_264)

Sending some students back to school in-person, while others stay fully remote

- 1 Strongly oppose
- 2 Oppose
- 3 Support
- 4 Strongly support

sl073d (Grouping students into cohorts and sending them to school on alternating days in section School_264)

Grouping students into cohorts and sending them to school on alternating days

- 1 Strongly oppose
- 2 Oppose
- 3 Support
- 4 Strongly support

sl073e (Having students wear face coverings in school buildings all day in section School_264)

Having students wear face coverings in school buildings all day

- 1 Strongly oppose
- 2 Oppose
- 3 Support
- 4 Strongly support

sl073f (Conducting all instruction remotely and keeping schools closed for the entirety of the 2020-21 school year in section School_264)

Conducting all instruction remotely and keeping schools closed for the entirety of the 2020-21 school year

- 1 Strongly oppose
- 2 Oppose
- 3 Support
- 4 Strongly support

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl074_intro (Section School_264)

To what extent do you agree with the following statements about COVID-related effects on education?

SUBGROUP OF QUESTIONS

sl074a (the country would be better off if we just sent students back to school in person in section School_264)

The country would be better off if we just sent students back to school in person.

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

sl074b (children are at serious risk of health effects from COVID-19. in section School_264)

Children are at serious risk of health effects from COVID-19.

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

sl074c (other countries are doing a better job managing their COVID responses so that children can go back to school than we are in section School_264)

Other countries are doing a better job managing their COVID responses so that children can go back to school than we are.

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

sl074d (school closures are more harmful for children than the risk of COVID-19 in section School_264)

School closures are more harmful for children than the risk of COVID-19.

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

END OF SUBGROUP

END OF GROUP

IF ed001d \geq 1 THEN

sl011 (how many household members are currently in grade 12 in section Schoolold)

How many household members are currently in Grade 12?

RANGE 0..10

IF sl011 > 0 THEN

Fill code of question FLsl020 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl020_intro (names hh members grade 12 in section Schoolold)
What are the names of the household members who are currently in Grade 12?

sl020 (names hh members grade 12 in section Schoolold)
STRING

IF sl011 > 1 THEN

sl020 (names hh members grade 12 in section Schoolold)
 STRING

END OF IF

IF sl011 > 2 THEN

sl020 (names hh members grade 12 in section Schoolold)
 STRING

END OF IF

END OF GROUP

max12gradekids := sl011

IF max12gradekids > 3 THEN

 max12gradekids := 3

END OF IF

LOOP FROM 1 TO MAX12GRADEKIDS

IF sl020(checkcnt) = EMPTY THEN

 IF max12gradekids > 1 THEN

grade12checkcntwarning (Section Higherred)
 You said that (max number of kids to ask about()) household members are currently in Grade 12. Please go back and give all of their names or nickname OR click "Next" to continue.

 ELSE

grade12checkcntwarning_single (Section Highered)

You said that (max number of kids to ask about()) household member is currently in Grade 12. Please go back and give their name or nickname OR click "Next" to continue.

END OF IF

END OF IF

END OF LOOP

counter := 1

LOOP FROM 1 TO MAX12GRADEKIDS

IF sl020(grade12namecnt) = RESPONSE THEN

grade12selectednames(counter) := sl020(grade12namecnt)

ingrade12flag(counter) := 1

counter := counter + 1

END OF IF

END OF LOOP

IF sizeof(grade12selectednames) > 0 THEN

LOOP FROM 1 TO SIZEOF(GRADE12SELECTEDNAMES)

IF ingrade12flag(cntSL) = 1 THEN

sl075 (post high school plans changed due to covid in section School_264)

Have ((cntSL))'s post-high school plans changed due to COVID?

1 Yes

2 No

sl076 (plan post high school pre covid in section School_264)

Which of the following best represents ((cntSL))'s post-high school plans before the COVID pandemic?

1 To attend a four-year college or university (regardless of whether also working full or part time)

2 To attend a two-year college (regardless of whether also working full or part time)

3 To attend a technical school or certification program (regardless of whether also working full or part time)

4 To work part or full time, but not to continue education

- 5 To join the military
- 6 To participate in a national service program like Americorp or City Year
- 7 To continue in high school (that is, s/he was not on track to graduate)
- 8 Undecided/No plans

IF sl075(cntSL) = 1 THEN

sl077 (plan post high school post covid in section School_264)
Which of the following best represents ((cntSL))'s post-high school plans now?

- 1 To attend a four-year college or university (regardless of whether also working full or part time)
- 2 To attend a two-year college (regardless of whether also working full or part time)
- 3 To attend a technical school or certification program (regardless of whether also working full or part time)
- 4 To work part or full time, but not to continue education
- 5 To join the military
- 6 To participate in a national service program like Americorp or City Year
- 7 To continue in high school (that is, s/he was not on track to graduate)
- 8 Undecided/No plans

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl078 (reasons changed post high school plans in section School_264)
For what reason(s) did ((cntSL))'s post-high school plans change? Please select all that apply.

- 1 COVID-related change in family finances
- 2 COVID-related fear for personal health/well-being
- 3 COVID-related fear for health/well-being of family member(s)
- 4 Desire to stay closer to home
- 5 Change in perceived value of higher education
- 6 Taking care of a family member
- 7 Logistical reasons (e.g., missed application deadline)
- 8 Other COVID-related reason (please specify):
- 9 Other non-COVID-related reason (please specify):

sl078_covid (other covid reasons changed post high school plans in section School_264)
STRING

sl078_noncovid (other non-covid reasons changed post high school plans in section School_264)
STRING

```

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

```

End of section **School_264**

Start of section **Highered_264**

/* If respondents indicated that they have one or more children in grade 12 in UAS240, UAS242 or UAS250, they are asked about those children below. */

```

preload_grade12selectednames := getUASPreloadByCovidSuidBySurveySubset("grade12selectednames",
array(240,242,250), 2)

```

IF ed001e ≥ 1 OR sizeof(preload_grade12selectednames) > 0 THEN

highered_opt (opt in or out of higher ed questions in section Highered)

The next questions are about experiences related to post-secondary education. This section should take no more than 12 minutes, and you will earn an extra \$8 for completing it. If you prefer not to answer this section, check the box below or click "Next" to continue.

1 I prefer not to answer this section

IF highered_opt != 1 THEN

educationreward := educationreward + 8

IF sizeof(preload_grade12selectednames) > 0 THEN

LOOP FROM 1 TO SIZEOF(PRELOAD_GRADE12SELECTEDNAMES)

IF preload_grade12selectednames(cntSL) = RESPONSE THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cl019_intro (Section Highered_264)

You told us previously that ((cntSL)) was in the 12th grade during the 2019-20 school year. What is ((cntSL)) doing now?

SUBGROUP OF QUESTIONS

cl019a (Attending a four-year college or university (regardless of whether also working full or part time) in section HigherEd_264)

Attending a four-year college or university (regardless of whether also working full or part time)

1 Yes

2 No

3 Unsure

cl019b (Attending a two-year college (regardless of whether also working full or part time) in section HigherEd_264)

Attending a two-year college (regardless of whether also working full or part time)

1 Yes

2 No

3 Unsure

cl019c (Attending a technical school or certification program (regardless of whether also working full or part time) in section HigherEd_264)

Attending a technical school or certification program (regardless of whether also working full or part time)

1 Yes

2 No

3 Unsure

cl019d (Working part or full time, but not to continuing education in section HigherEd_264)

Working part or full time, but not to continuing education

1 Yes

2 No

3 Unsure

cl019e (Joined the military full time in section HigherEd_264)

Joined the military full time

1 Yes

2 No

3 Unsure

cl019f (Participating in a national service program like Americorp or City Year in section HigherEd_264)

Participating in a national service program like Americorp or City Year

1 Yes

2 No

```

3 Unsure

cl019g (Continuing high school (that is, s/he was not on track to graduate) in section HigherEd_264)
Continuing high school (that is, s/he was not on track to graduate)
1 Yes
2 No
3 Unsure

cl019h (Undecided/No plans in section HigherEd_264)
Undecided/No plans
1 Yes
2 No
3 Unsure

END OF SUBGROUP

END OF GROUP

END OF IF

END OF LOOP

END OF IF

preload_ed002 := getUASPreloadByCovidSuidBySurveySubset("ed002", array(240,242,250))

IF preload_ed002 = 1 THEN
  ed002 := preload_ed002
ELSE
  ed002 (R currently enrolled in college in section Schoolold)
  Are you currently enrolled in college or trade school, including four-year colleges, community colleges?
  1 Yes
  2 No
END OF IF

IF ed002 = 1 THEN
  maxnumberofcollege := ed001e - 1
ELSE
  maxnumberofcollege := ed001e
END OF IF

```



```
/* If respondents indicated that they have one or more household members in higher education (excluding themselves if applicable), they are asked about those household members. If they were asked about that in UAS240, UAS242 or UAS250 the names provided there are preloaded (and not asked). Otherwise respondents are asked to provide names.
```

```
Next if the respondent is one of the members in college or trade school, they are asked the question series r_cl002 to r_cl015. If there are any additional household members in college or trade school AND their first name or nickname was given (as preloaded into or collected in variables clselectednames; not included in the data set) they are asked question series cl002 to cl015 for each member. */
```

```
preload_clselectednames := getUASPreloadByCovidSuidBySurveySubset("clselectednames", array(240,242,250), 2)
```

```
IF sizeof(preload_clselectednames) = 0 AND maxnumberofcollege > 0 THEN
```

```
Fill code of question FLcl001 executed
```

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

```
IF ed002 = 1 THEN
```

```
cl001_intro (Section Highered)
```

```
What are the names of the household members other than yourself who are currently enrolled in college or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools? Just first names or nicknames will do.
```

```
ELSE
```

```
cl001_intro2 (Section Highered)
```

```
What are the names of the household members who are currently enrolled in college or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools? Just first names or nicknames will do.
```

```
END OF IF
```

```
LOOP FROM 1 TO MAXNUMBEROFCOLLEGE
```

```
cl001 (name student in section Highered)
```

```
STRING
```

```
END OF LOOP
```

END OF GROUP

LOOP FROM 1 TO MAXNUMBEROFCOLLEGE

IF cl001(checkcnt) = EMPTY THEN

IF maxnumberofcollege > 1 THEN

clcntwarning (Section Schoolold)

You said that (maximum number of college()) household members are currently in college or trade school. Please go back and give all of their first names or nicknames OR click "Next" to continue.

ELSE

clcntwarning_single (Section Highered)

You said that (maximum number of college()) household member is currently in college or trade school. Please go back and give their first name or nickname OR click "Next" to continue.

END OF IF

END OF IF

END OF LOOP

clcounter := 1

LOOP FROM 1 TO MAXNUMBEROFCOLLEGE

IF cl001(cnamecnt) = RESPONSE THEN

clselectednames(clcounter) := cl001(cnamecnt)
clcounter := clcounter + 1

END OF IF

END OF LOOP

ELSE

clselectednames := preload_clselectednames

IF maxnumberofcollege > 0 THEN

Fill code of question FL_sl081 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl081_intro (Section School_264)

You told us before that the following members of your household were enrolled in higher education in the spring of 2020:(((1)))(((2)))(((3)))(((4)))(((5)))(((6)))(((7)))(((8)))(((9)))(((10)))We will ask about their current higher education circumstances next.

Is **anyone else in your household currently enrolled** in college or trade school, including four-year colleges or community colleges? Do not include yourself. You can leave the boxes empty if there is no else currently enrolled.

LOOP FROM 1 TO 3

sl081 (new higher ed names in section School_264)
STRING

END OF LOOP

END OF GROUP

clcounter := sizeof(clselectednames) + 1

LOOP FROM 1 TO 3

IF sl081(checkcnt) = RESPONSE THEN

clselectednames(clcounter) := sl081(checkcnt)
clcounter := clcounter + 1

END OF IF

END OF LOOP

END OF IF

END OF IF

IF ed002 = 1 THEN

IF preload.ed002 = 1 THEN

R.cl015 (R still enrolled in higher ed in section Highered)

You told us previously that you were enrolled in a post-secondary program. Are you still enrolled in a post-secondary program?

1 Yes

2 No

3 Unsure

IF R_cl015 = 2 THEN

R_cl015b (R finished program in section Highered)

Did you finish your program since the spring of 2020?

1 Yes

2 No

3 Unsure

END OF IF

END OF IF

R_cl005_bbb_questions := array(1 →"R_cl005_bbb_1", 2 →"R_cl005_bbb_2", 3
→"R_cl005_bbb_3", 4 →"R_cl005_bbb_4", 5 →"R_cl005_bbb_5", 6 →"R_cl005_bbb_6")

/* The question series R_cl005_bbb_1 to R_cl005_bbb_6 are presented in random
order per variables R_cl005_bbb_order with values:

- 1 Family care responsibilities
- 2 Work responsibilities
- 3 Stable access to housing
- 4 Stable access to food sources (such as a campus meal plan)
- 5 Expenses for tuition, food, or housing
- 6 Desire to be close to home

Answer options for all questions in the series are:

- 1 Decreased
- 2 No Change
- 3 Increased
- 4 Unsure

*/

IF sizeof(R_cl005_bbb_order) = 0 THEN

| R_cl005_bbb_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

R_cl005bbb_intro (Section Highered)

Have you experienced any changes in the following areas because of the coronavirus epidemic?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 6

/ Question series R_cl005_bbb_1 to R_cl005_bbb_6 are presented in random order per variables R_cl005_bbb_order as described above. */*

END OF LOOP

END OF SUBGROUP

END OF GROUP

R_cl005_ccc (respondent employment status changed in section Highered)

Has your employment status changed because of the coronavirus epidemic?

- 1 Yes
- 2 No
- 3 Unsure

IF R_cl005_ccc = 1 THEN

R_cl005_ddd (respondent how employment status changed in section Highered)

How has your employment status changed?

- 1 I have become unemployed
- 2 I have found a new job
- 3 My job has reduced hours
- 4 I have been temporarily laid off or I am taking sick leave or other leave

END OF IF

IF R_cl015 = 2 AND R_cl015b = 2 THEN

R_cl006a (respondent corona affected decision to stop taking part in classes in section Highered)

Has the coronavirus epidemic affected your decision to to not take classes in the fall?

- 1 Yes
- 2 No
- 3 Unsure

R_cl016 (R enrolled in online program in section Highered.264)

Is the postsecondary program that you are enrolled in offering online classes?

- 1 Yes
- 2 No

3 Unsure

R_cl006_ddd (respondent quality of online courses affected decision in section HigherEd)

Has the **quality of online courses** affected your decision to stop taking part in classes now (in the fall)?

1 Yes

2 No

3 Unsure

R_cl006_eee (respondent access to computer equipment or internet affected decision in section HigherEd)

Has **access to computer equipment or internet** affected your decision to stop taking part in classes now (in the fall)?

1 Yes

2 No

3 Unsure

R_cl006_fff (respondent ability to adjust to online course format affected decision in section HigherEd)

Has the **ability to adjust to the online course format** affected your decision to stop taking part in classes now (in the fall)?

1 Yes

2 No

3 Unsure

ELSE

IF preload.ed002 = 1 AND R_cl015 = 2 AND R_cl015b = 1 THEN

|

ELSE

/* The answer options in questions R_cl006b, R_cl010aa, R_cl010bb, R_cl011b and R_cl013 are presented in random order per variables R_cl006b_order with values:

- 1 It has changed my family care responsibilities
- 2 It has changed my work responsibilities
- 3 I have health and safety concerns about in-person classes
- 4 It has changed my stable access to housing
- 5 It has changed my stable access to food sources (such as a campus meal plan)
- 6 It has changed my expenses for tuition, food, or housing
- 7 It has changed my ability to pay tuition

- 8 It has changed my employment status or work hours
- 9 I am dissatisfied with the coronavirus response of my current institution
- 10 It has changed my desire to be close to home
- 11 Other

The "Other" option is always presented last. */

IF sizeof(R.cl006b_order) = 0 **THEN**

```
R.cl006b_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7
→7, 8 →8, 9 →9, 10 →10, 11 →12))
R.cl006b_order(12) := 11
```

END OF IF

```
preload_R.cl002 := getUASPreloadByCovidSuidBySurveySubset("R.cl002",
array(240,242,250))
```

R.cl002 (respondent degree or certificate working on in section HigherEd)

What type of degree or certificate are you working on? Mark all that apply.

- 1 A bachelor's degree (usually four years)
- 2 An associate's degree (usually two years)
- 3 A certificate or diploma of occupational training such as plumbing or cosmetology
- 4 A graduate program such as a masters or PhD
- 5 Not working toward a degree or certificate

```
preload_R.cl002b := getUASPreloadByCovidSuidBySurveySubset("R.cl002b",
array(240,242,250))
```

```
preload_R.cl003 := getUASPreloadByCovidSuidBySurveySubset("R.cl003", ar-
ray(240,242,250))
```

R.cl004 (respondent still taking part in classes in section HigherEd)

Are you taking part in classes toward your degree now (in the fall)?

- 1 Yes
- 2 No
- 3 Unsure

IF R.cl004 = 1 **THEN**

R.cl005 (respondent how now taking part in classes in section HigherEd)

How are you primarily taking part in classes now (in the fall)?

- 1 On campus
- 2 Online
- 3 A work site or other non-campus location
- 4 Other

| 5 Unsure

END OF IF

R.cl005b (respondent expect to finish program this year in section Higher-
ered)

Do you expect to complete your program this year (i.e. 2020-21)?

1 Yes

2 No

3 Unsure

IF R.cl004 = 2 THEN

R.cl006a (respondent corona affected decision to stop taking part in classes in
section Higher-ered)

Has the coronavirus epidemic affected your decision to to not take classes in
the fall?

1 Yes

2 No

3 Unsure

R.cl016 (R enrolled in online program in section Higher-ered.264)

Is the postsecondary program that you are enrolled in offering online classes?

1 Yes

2 No

3 Unsure

R.cl006_ddd (respondent quality of online courses affected decision in
section Higher-ered)

Has the **quality of online courses** affected your decision to stop taking part in
classes now (in the fall)?

1 Yes

2 No

3 Unsure

R.cl006_eee (respondent access to computer equipment or internet af-
fected decision in section Higher-ered)

Has **access to computer equipment or internet** affected your decision to stop
taking part in classes now (in the fall)?

1 Yes

2 No

3 Unsure

R.cl006_fff (respondent ability to adjust to online course format affected
decision in section Higher-ered)

Has the **ability to adjust to the online course format** affected your decision to
stop taking part in classes now (in the fall)?

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

END OF IF

IF preload.ed002 = 1 AND R.cl015 = 2 AND R.cl015b = 1 THEN

R.cl005d (respondent coronavirus changed plans after finishing in section Higher)

Has the coronavirus epidemic affected your plans after finishing your program?

- 1 Yes
- 2 No
- 3 Unsure

R.cl005e (respondent current plans after finishing in section Higher)

What are your current plans after finishing your program?

- 1 Find a job related to the program
- 2 Find a job unrelated to the program
- 3 Go back to school
- 4 Other
- 5 Unsure

END OF IF

IF preload.ed002 = 1 AND R.cl015 = 2 AND R.cl015b = 1 THEN

|

ELSE

IF R.cl004 = 1 THEN

R.cl008b (respondent where taking classes in section Higher)

Where are you taking classes in the fall?

- 1 My current institution
- 2 A different institution

END OF IF

R.cl010b (respondent corona influenced decision how many classes to take in section Higher)

Has the coronavirus epidemic influenced your decision of how many classes to take in the fall?

- 1 Yes: I will take more classes
- 2 Yes: I will take fewer classes
- 3 No
- 4 Unsure

R.cl012 (respondent corona influence able to complete degree or certificate in section Higher)

Has the coronavirus epidemic influenced your ability to complete your degree or certificate in a timely manner?

- 1 Yes
- 2 No
- 3 Unsure

R.cl017 (plan to complete current term in section HigherEd_264)

Do you plan to complete the current term of your post-secondary program?

- 1 Yes
- 2 No
- 3 Unsure

R.cl018 (how corona affected plans to complete current term in section HigherEd_264)

To what extent has the coronavirus epidemic influenced your decision whether to complete the current term of your post-secondary program?

- 1 Not at all
- 2 To a small extent
- 3 To a moderate extent
- 4 To a large extent

END OF IF

END OF IF

END OF IF

IF sizeof(clselectednames) > 0 THEN

/* The answer options in questions cl006b, cl010aa, cl010bb, cl011b and cl013 are presented in random order per variables cl006b_order with values:

- o 1 It has changed my family care responsibilities
- o 2 It has changed my work responsibilities
- o 3 I have health and safety concerns about in-person classes
- o 4 It has changed my stable access to housing
- o 5 It has changed my stable access to food sources (such as a campus meal plan)
- o 6 It has changed my expenses for tuition, food, or housing
- o 7 It has changed my ability to pay tuition
- o 8 It has changed my employment status or work hours
- o 9 I am dissatisfied with the coronavirus response of my current institution

- 10 It has changed my desire to be close to home
- 11 Other

The "Other" option is always presented last.

If the order of these answer options is already set for the respondent themselves per variables R_cl006b_order, the answer options for household members are presented in the same order. Otherwise, a random order is assigned. */

```
IF sizeof(cl006b_order) = 0 THEN
  IF sizeof(R_cl006b_order) > 0 THEN
    cl006b_order := R_cl006b_order
  ELSE
    cl006b_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7,
    8 →8, 9 →9, 10 →10, 11 →12))
    cl006b_order(12) := 11
  END OF IF
END OF IF
```

/* The question series cl005_bbb_1 to cl005_bbb_6 are presented in random order per variables cl005_bbb_order with values:

- 1 Family care responsibilities
- 2 Work responsibilities
- 3 Stable access to housing
- 4 Stable access to food sources (such as a campus meal plan)
- 5 Expenses for tuition, food, or housing
- 6 Desire to be close to home

If the order of these questions is already set for the respondent themselves per variables cl005_bbb_order, the questions for household members are presented in the same order. Otherwise, a random order is assigned.

Answer options for all questions in the series are:

- 1 Decreased
- 2 No Change
- 3 Increased

o 4 Unsure

*/

IF sizeof(cl005_bbb_order) = 0 THEN

IF sizeof(R_cl005_bbb_order) > 0 THEN

cl005_bbb_order := R_cl005_bbb_order

ELSE

cl005_bbb_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))

END OF IF

END OF IF

LOOP FROM 1 TO SIZEOF(CLSELECTEDNAMES)

cl002_intro (degree or certificate working on in section Highered)

Now we want to ask some questions about ((clcnt)).

IF preload.clselectednames(clcnt) = RESPONSE THEN

cl015 (hh member still enrolled in higher ed in section Highered)

You told us previously that ((clcnt)) was enrolled in a post-secondary program. Is ((clcnt)) still enrolled in a post-secondary program?

1 Yes

2 No

3 Unsure

IF cl015(clcnt) = 2 THEN

cl015b (hh member finished program in section Highered)

Did ((clcnt)) finish his or her program since the spring of 2020?

1 Yes

2 No

3 Unsure

END OF IF

END OF IF

cl005_bbb_questions(clcnt) := array(1 →"cl005_bbb_1(" . clcnt . ")", 2 →"cl005_bbb_2(" . clcnt . ")", 3 →"cl005_bbb_3(" . clcnt . ")", 4 →"cl005_bbb_4(" . clcnt . ")", 5 →"cl005_bbb_5(" . clcnt . ")", 6 →"cl005_bbb_6(" . clcnt . ")")

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cl005bbb.intro (Section Highered)

Has **((clcnt))** experienced any changes in the following areas because of the coronavirus epidemic?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 6

/* Question series cl005_bbb_1 to cl005_bbb_6 are presented in random order per variables cl005_bbb_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

cl005.ccc (employment status changed in section Highered)

Has **((clcnt))**'s employment status changed because of the coronavirus epidemic?

- 1 Yes
- 2 No
- 3 Unsure

IF cl005.ccc(clcnt) = 1 THEN

cl005.ddd (how employment status changed in section Highered)

How has **((clcnt))**'s employment status changed?

- 1 ((clcnt)) has become unemployed
- 2 ((clcnt)) has found a new job
- 3 ((clcnt))'s job has reduced hours
- 4 ((clcnt)) has been temporarily laid off or is taking sick leave or other leave

END OF IF

IF preload_clselectednames(clcnt) = RESPONSE AND cl015(clcnt) = 2 AND cl015b(clcnt) = 2 THEN

cl006a (corona affected decision to stop taking part in classes in section Highered)

Has the coronavirus epidemic affected **((clcnt))**'s decision to not take classes in the fall?

- 1 Yes
- 2 No
- 3 Unsure

cl016 (household member enrolled in online program in section HigherEd_264)
Is the postsecondary program that **((clcnt))** is enrolled in offering online classes?

- 1 Yes
- 2 No
- 3 Unsure

cl006_ddd (quality of online courses affected decision in section HigherEd)
Has the **quality of online courses** affected **((clcnt))**'s decision to stop taking part in classes now (in the fall)?

- 1 Yes
- 2 No
- 3 Unsure

cl006_eee (access to computer equipment or internet affected decision in section HigherEd)

Has **access to computer equipment or internet** affected **((clcnt))**'s decision to stop taking part in classes now (in the fall)?

- 1 Yes
- 2 No
- 3 Unsure

cl006_fff (ability to adjust to online course format affected decision in section HigherEd)

Has the **ability to adjust to the online course format** affected **((clcnt))**'s decision to stop taking part in classes now (in the fall)?

- 1 Yes
- 2 No
- 3 Unsure

ELSE

IF preload_clselectednames(clcnt) = RESPONSE AND cl015(clcnt) = 2 AND cl015b(clcnt) = 1 THEN

I

ELSE

preload_cl002(clcnt) := getUASPreloadByCovidSuidBySurveySubset("cl002(" . clcnt . ")", array(240,242,250))

cl002 (degree or certificate working on in section HigherEd)

What type of degree or certificate is **((clcnt))** working on? Mark all that apply.

- 1 A bachelor's degree (usually four years)
- 2 An associate's degree (usually two years)
- 3 A certificate or diploma of occupational training such as plumbing or cosme-

tology

4 A graduate program such as a masters or PhD

5 Not working toward a degree or certificate

```
preload_cl002b(clcnt) := getUASPreloadByCovidSuidBySurveySubset("cl002b(" .  
clcnt . ")", array(240,242,250))
```

```
preload_cl003(clcnt) := getUASPreloadByCovidSuidBySurveySubset("cl003(" .  
clcnt . ")", array(240,242,250))
```

cl004 (still taking part in classes in section Highered)

Is **((clcnt))** taking part in classes toward his or her degree now (in the fall)?

1 Yes

2 No

3 Unsure

IF cl004(clcnt) = 1 THEN

cl005 (how now taking part in classes in section Highered)

How is **((clcnt))** primarily taking part in classes now (in the fall)?

1 On campus

2 Online

3 A work site or other non-campus location

4 Other

5 Unsure

END OF IF

cl005b (expect to finish program this year in section Highered)

Does **((clcnt))** expect to complete his or her program this year (i.e. 2020-21)?

1 Yes

2 No

3 Unsure

IF cl004(clcnt) = 2 THEN

cl006a (corona affected decision to stop taking part in classes in section Highered)

Has the coronavirus epidemic affected **((clcnt))**'s decision to not take classes in the fall?

1 Yes

2 No

3 Unsure

cl016 (household member enrolled in online program in section Highered_264)

Is the postsecondary program that **((clcnt))** is enrolled in offering online classes?

- 1 Yes
- 2 No
- 3 Unsure

cl006.ddd (quality of online courses affected decision in section Higher)

Has the **quality of online courses** affected **((clcnt))**'s decision to stop taking part in classes now (in the fall)?

- 1 Yes
- 2 No
- 3 Unsure

cl006.eee (access to computer equipment or internet affected decision in section Higher)

Has **access to computer equipment or internet** affected **((clcnt))**'s decision to stop taking part in classes now (in the fall)?

- 1 Yes
- 2 No
- 3 Unsure

cl006.fff (ability to adjust to online course format affected decision in section Higher)

Has the **ability to adjust to the online course format** affected **((clcnt))**'s decision to stop taking part in classes now (in the fall)?

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

END OF IF

IF preload_clselectednames(clcnt) = RESPONSE AND cl015(clcnt) = 2 AND cl015b(clcnt) = 1 THEN

cl005d (coronavirus changed plans after finishing in section Higher)

Has the coronavirus epidemic affected **((clcnt))**'s plans after finishing his or her program?

- 1 Yes
- 2 No
- 3 Unsure

cl005e (current plans after finishing in section Higher)

What are **((clcnt))**'s current plans after finishing his or her program?

- 1 Find a job related to the program
- 2 Find a job unrelated to the program
- 3 Go back to school
- 4 Other
- 5 Unsure

END OF IF

IF preload_clselectednames(clcnt) = RESPONSE AND cl015(clcnt) = 2 AND
cl015b(clcnt) = 1 THEN

I

ELSE

IF cl004(clcnt) = 1 THEN

cl008b (where taking classes in section HigherEd)

Where is **((clcnt))** taking classes in the fall?

- 1 ((clcnt))'s current institution
- 2 A different institution

END OF IF

cl010b (corona influenced decision how many classes to take in section
HigherEd)

Has the coronavirus epidemic influenced **((clcnt))**'s decision of how many
classes to take in the fall?

- 1 Yes: ((clcnt)) will take more classes
- 2 Yes: ((clcnt)) will take fewer classes
- 3 No
- 4 Unsure

cl012 (corona influence able to complete degree or certificate in section
HigherEd)

Has the coronavirus epidemic influenced **((clcnt))**'s ability to complete his or her
degree or certificate in a timely manner?

- 1 Yes
- 2 No
- 3 Unsure

cl017 (household member plan to complete current term in section High-
ered.264)

Does **((clcnt))** plan to complete the current term of his or her post-secondary
program?

```

1 Yes
2 No
3 Unsure

cl018 (household member how corona affected plans to complete current
term in section Highered_264)
To what extent has the coronavirus epidemic influenced ((clcnt))'s decision
whether to complete the current term of his or her post-secondary program?
1 Not at all
2 To a small extent
3 To a moderate extent
4 To a large extent

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

```

cl014 (change perceived value post-secondary education in section Highered)
Has the coronavirus epidemic changed how you perceive the value of post-secondary education?

```

1 Yes, I now think post-secondary education is more valuable
2 Yes, I now think post-secondary education is less valuable
3 No
4 Unsure

```

End of section **Highered_264**

Start of section **Social**

/ The following questions ARE asked in this survey per alternatwave=1. */*

```

IF alternatwave = 1 THEN
  IF dateofbirth_year = RESPONSE AND dateofbirth_month = RESPONSE AND dateof-
  birth_day = RESPONSE THEN
    currentage := calcAge(dateofbirth_year, dateofbirth_month, dateofbirth_day)
  END OF IF
  IF currentage = EMPTY THEN

```

currentage (current age in section Social)
What is your age?
NUMBER (NO DECIMALS ALLOWED)

END OF IF

IF **currentage** > 49 AND **currentage** < 70 THEN

ss001 (currently receive social security retirement benefits in section Social)
Do you currently receive social security retirement benefits?
1 Yes
2 No
3 Unsure

IF **ss001** = 2 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ss002_intro (Section Social)
At what age do you plan to begin claiming Social Security retirement benefits?

ss002_slider (plan to claim age year in section Social)
RANGE 0..96

ss002_noplan (no plan to claim in section Social)
OR
1 I'm not eligible
2 Never
3 I don't know

ss_warning (Section Social)
Please select an age or check one of the options.

END OF GROUP

IF **ss002_slider** = RESPONSE THEN

ss002_year := 62 + floor(**ss002_slider**/12)
ss002_month := **ss002_slider** % 12

IF **ss002_year** < **currentage** THEN

ss002_warning (Section Social)
You indicated you plan to begin claiming Social Security retirement benefits at age (year plan to claim()), but you are (current age()) years old. Please go back and revise your answer(s) or click "Next" to continue.

END OF IF

END OF IF

IF Ir016 = 1 THEN

ss003 (how many months more unemployment benefits in section Social)

For how many more months do you think you will continue to receive unemployment insurance benefits? If you are unsure, please give your best guess.

0 0

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10

11 11

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99 99
100 100

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ss004 (plan to do if unemployment benefits run out in section Social)

What do you plan to do if your unemployment benefits run out?

- 1 Try to find a job
- 2 Claim my Social Security retirement benefits
- 3 Apply for disability benefits
- 4 Apply for benefits from a different government program
- 5 Use personal savings from IRA or similar accounts
- 6 Use personal savings from other sources
- 7 Get help from friends or family members
- 8 Other, please specify:

ss004_other (other plan to do if unemployment benefits run out in section Social)

STRING

END OF GROUP

END OF IF

END OF IF

END OF IF

END OF IF

End of section **Social**

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

dummy := setCovid19DayPayment(264)

IF educationreward > 0 THEN

| dummy := setEducationExtraPayment(264, educationreward)

END OF IF

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. */