

UnderStandingAmericaStudy

UAS 242: CORONAVIRUS TRACKING SURVEY LONG FORM WAVE 4



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

Fielded April 29, 2020 - May 26, 2020

Contents

1	Introduction	3
1.1	Topics	3
1.2	Experiments	3
1.3	Citation	3
2	Survey Response And Data	4
2.1	Sample selection and response rate	4
2.2	Timings	4
2.3	Weighting	4
3	Standard Variables	6
4	Background Demographics	9
5	Data conventions	13
6	Routing Syntax	14
7	Survey with Routing	15
	preload	15
	corona	15
	behavior	20
	abuse	31
	health	48
	labor	49
	economic	59
	food	67
	school	80
	insurance	143
	Closing	144

1 INTRODUCTION

This UAS panel survey, titled "UAS 242: Coronavirus tracking survey long form wave 4" asks respondents about the impact of the coronavirus pandemic on their lives. This survey is no longer in the field. Respondents were paid \$16 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, Education, Employment Labor Market, Family, Health, Health Insurance, Housing, Income, Social Networks. 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 6968 UAS participants. Of those 6968 participants, 6354 completed the survey and are counted as respondents. Of those who are not counted as respondents, 49 started the survey without completing and 565 did not start the survey. The overall response rate was 91.18%.

The detailed survey response rate is as follows:

UAS242 - Response Overview	
Size of selected sample	6968
Completed the survey	6354
Started but did not complete the survey	49
Did not start the survey	565
Response rate	91.18%

2.2 Timings

The survey took respondents an average of 29 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 is the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, the primary respondent of a household has a value of '0', whereas the second UAS household respondent has a value of '1'. Therefore 'uasmembers' should be interpreted as the

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

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

18. MSG 2019/04 LA County Batch 4

19. MSG 2019/05 LA County Batch 5

20. MSG 2019/11 Nat. Rep. Batch 10

- **primary_respondent**: indicates if the respondent was the first person within the household (i.e. to become a member or whether s/he was added as a subsequent member. A household in this regard is broadly defined as anyone living together with the primary respondent. That is, a household comprises individuals who live together, e.g. as part of a family relationship (like a spouse/child/parent) or in context of some other relationship (like a roommate or tenant).
- **hardware**: indicates whether the respondent ever received hardware or not. Note: this variable should not be used to determine whether a respondent received hardware at a given point in time and/or whether s/he used the hardware to participate in a survey. Rather, it indicates whether hardware was ever provided:
 1. None
 2. Tablet (includes Internet)
- **language**: the language in which the survey was conducted. This variable takes a value of 1 for English and a value of 2 for Spanish.
- **start_date (start_year, start_month, start_day, start_hour, start_min, start_sec)**: indicates the time at which the respondent started the survey.
- **end_date (end_year, end_month, end_day, end_hour, end_min, end_sec)**: indicates the time at which the respondent completed the survey.
- **cs.001**: indicates how interesting the respondent found the survey.

4 BACKGROUND DEMOGRAPHICS

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

The following variables are available in each survey data set:

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

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

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

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

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

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

5 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) and short version(UAS236/UAS241/UAS243) of the survey every week while everyone else only receives the long version (UAS235/UAS240/UAS242) 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 or UAS243) */

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

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)
- o 11 Abdominal Discomfort (cr001k)
- o 12 Vomiting (cr001l)
- o 13 Hair Loss (cr001m)
- o 14 Dry skin (cr001n)
- o 15 Body temperature higher than 100.4 F or 38.0 C (cr001o)
- o 16 Diarrhea (cr001p)
- o 17 Lost sense of smell (cr001q)
- o 18 Skin rash (cr001r)

Answer options for all questions in the series are:

- o 1 Yes
- o 2 No
- o 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** ^FLDateEarlier-Survey)?

1 Yes

2 No

IF cr011 = 1 THEN

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

/ The question series cr012a to cr012h are presented in random order per variables cr012_order with values:*

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

Answer options for all questions in the series are:

- o 1 Yes*
- o 2 No*

**/*

IF sizeof(cr012_order) = 0 THEN

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

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr012.intro (Section Corona)

Who have you contacted(**since** **^FLDateEarlierSurvey**) to let them know that you think you have coronavirus? Please check all that apply.

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 8

/* Question series cr012a to cr012h are presented in random order per variables cr012_order as described above. */

END OF LOOP

END OF SUBGROUP

cr012h.other (specify other contacted in section Corona)

STRING

END OF GROUP

END OF IF

END OF IF

cr004 (sought care in section Corona)

Whether or not you have been tested, or diagnosed, have you sought medical care for coronavirus(**since** **^FLDateEarlierSurvey**)?

1 Yes

2 No

IF cr004 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr009 (where seek help in section Corona)

When you sought medical care for coronavirus(**since** **^FLDateEarlierSurvey**), where did you first seek care?

1 Hospital or emergency room

2 Urgent care

3 My primary care doctor or another doctor

4 A local health department

5 Other, please specify:

6 I did not seek care

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

STRING

END OF GROUP

IF cr009 = RESPONSE THEN

LOOP FROM 1 TO 5

IF cnt IN cr009 THEN

Fill code of question FL_cr009_dummy executed

cr010a (find care in section Corona)

When you sought care from (**hospital or emergency room/urgent care/your primary care doctor or another doctor/a local health department/^cr009_other**) did you obtain care?

- 1 Yes, in person
- 2 Yes, phone or video visit
- 3 Did not obtain care

IF cr010a(cnt) = 1 THEN

cr010b (called ahead before seeking care in section Corona)

Did you call ahead before seeking care in person?

- 1 Yes
- 2 No

END OF IF

END OF IF

END OF LOOP

END OF IF

END OF IF

cr013 (have health insurance in section Corona)

Do you currently have health insurance?

- 1 Yes
- 2 No
- 3 Unsure

End of section **Corona**

Start of section **Behavior**

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

/* The question series cr015a to cr015l are presented in random order per variables cr015_order with values:

- o 1 Gone out to a bar, club, or other place where people gather (cr015a)
- o 2 Gone to the grocery store or pharmacy (cr015b)
- o 3 Gone to a friend, neighbor, or relative's residence (that is not your own) (cr015c)
- o 4 Had visitors such as friends, neighbors or relatives at your residence (cr015d)
- o 5 Attended a gathering with more than 10 people, such as a reunion, wedding, funeral, birthday party, concert, or religious service (cr015e)
- o 6 Sought care from a hospital or health care facility (cr015f)
- o 7 Been placed in isolation or quarantine (cr015g)
- o 8 Remained in your residence at all times, except for essential activities or exercise (cr015h)
- o 9 Shared items like towels or utensils with other people (cr015i)
- o 10 Had close contact (within 6 feet) with people who live with you (cr015j)
- o 11 Had close contact (within 6 feet) with people who do not live with you (cr015k)
- o 12 Gone outside to walk, hike, or exercise (cr015l)

Answer options for all questions in the series are:

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

*/

```
IF sizeof(cr015_order) = 0 THEN
```

```
  cr015_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9  
  →9, 10 →10, 11 →11, 12 →12))
```

```
END OF IF
```

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr015_intro (Section Behavior)

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

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 12

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

END OF LOOP

END OF SUBGROUP

END OF GROUP

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

/* The question series cr016b to cr016r are presented in random order per variables cr016_order with values (variable cr016a and cr016q have been intentionally omitted):

- 1 Washed your hands with soap or used hand sanitizer several times per day (cr016b)
- 2 Canceled or postponed air travel for work (cr016c)
- 3 Canceled or postponed air travel for pleasure (cr016d)
- 4 Canceled or postponed work or school activities (cr016e)
- 5 Canceled or postponed personal or social activities (cr016f)
- 6 Visited a doctor (cr016g)
- 7 Canceled a doctor's appointment (cr016h)
- 8 Stockpiled food or water (cr016i)
- 9 Avoided contact with people who could be high-risk (cr016j)
- 10 Avoided public spaces, gatherings, or crowds (cr016k)
- 11 Prayed (cr016l)
- 12 Avoided eating at restaurants (cr016m)
- 13 Stockpiled hand sanitizer or disinfectant wipes (cr016n)
- 14 Worked or studied at home (cr016o)
- 15 Worn a mask or other face covering (cr016p)
- 16 Stockpiled medication (cr016r)

Answer options for all questions in the series are:

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

*/

IF sizeof(cr016_order) = 0 THEN

```
cr016_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9  
→9, 10 →10, 11 →11, 12 →12, 13 →13, 14 →14, 15 →15, 16 →16))
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr016_intro (Section Behavior)

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

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

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 16

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

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:*

- o 1 Wearing a face mask such as the one shown here (cr019a)*
- o 2 Praying (cr019b)*
- o 3 Washing your hands with soap or using hand sanitizer frequently (cr019c)*
- o 4 Seeing a doctor if you feel sick (cr019d)*
- o 5 Seeing a doctor if you feel healthy but worry that you were exposed (cr019e)*
- o 6 Avoiding public spaces, gatherings, and crowds (cr019f)*
- o 7 Avoiding contact with people who could be high-risk (cr019g)*
- o 8 Avoiding hospitals and clinics (cr019h)*
- o 9 Avoiding restaurants (cr019i)*
- o 10 Avoiding airplanes (cr019j)*

Answer options for all questions in the series are:

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

**/*

```
IF sizeof(cr019_order) = 0 THEN
```

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

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr019_intro (Section Behavior)

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

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 10

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

END OF LOOP

END OF SUBGROUP

END OF GROUP

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

/* The question series cr020a to cr020k are presented in random order per variables cr020_order with values:

- 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)

Answer options for all questions in the series are:

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

*/

IF sizeof(cr020_order) = 0 **THEN**

```
cr020_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9
→9, 10 →10, 11 →11))
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr020_intro (Section Behavior)

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

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 11

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

END OF LOOP

END OF SUBGROUP

END OF GROUP

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

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

IF cr021 > 999 **THEN**

cr021_warning (warning how many family or close friends in section Behavior)

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

END OF IF

IF cr021 > 0 **THEN**

cr022 (infected how many family or close friends in section Behavior)
You said that you have (how many family or close friends()) family and close friends. Of these people, how many do you think have been infected with the coronavirus?
RANGE 0..9223372036854775807

IF cr022 > cr021 THEN

cr022_warning (Section Behavior)
You said you know (how many family or close friends()) people but that (infected how many family or close friends()) people have been infected. Please go back and correct your answer(s).

ELSEIF cr022 > 999 THEN

cr022_warning2 (Section Behavior)
Do you really know (infected how many family or close friends()) people who have been infected? If so, click "Next" to continue.

END OF IF

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

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

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

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

RANGE 0..100

cr_error (Section Corona)

Please enter a number between 0% and 100%.

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

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

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr024 (chance die from coronavirus in section Behavior)

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

RANGE 0..100

cr_error (Section Corona)

Please enter a number between 0% and 100%.

END OF GROUP

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

/ The question series cr025a to cr025d are presented in random order per variables*

cr025_order with values:

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

```
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
```

/* For questions cr031a through cr031d, a small number of respondents using the Spanish language questionnaire were inadvertently provided with a six-value answer option that had been replaced by a four-response option in the English language questionnaire, a change that was missed during translation. We were unable to reliably map the six responses to the four responses, so we have removed and replaced them with a missing value of ".d Deleted value" in the published UAS data file. Access to the removed responses is available upon request. */

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr031_intro (Section Behavior)

Do you agree or disagree with the following statements?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 4

/ Question series cr031a to cr031d are presented in random order per variables cr031_order as described above. */*

END OF LOOP

END OF SUBGROUP

END OF GROUP

End of section **Behavior**

Start of section **Abuse**

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

- o 1 Drank alcohol (cr026a)*
- o 2 Used cannabis products such as marijuana (cr026b)*
- o 3 Used recreational drugs other than alcohol or cannabis products (cr026c)*
- o 4 Meditated (cr026d)*
- o 5 Got extra exercise (cr026e)*
- o 6 Made time to relax (cr026f)*
- o 7 Connected socially with friends or family (either online or in person) (cr026g)*
- o 8 Spent time posting or browsing on Facebook, Twitter, Instagram, or Snapchat (cr026h)*
- o 9 Had a phone call or video call with a family member or a friend (cr026i)*
- o 10 Messaged or emailed with a family member or friend (cr026j)*
- o 11 Spent time interacting with a family member or friend in person (cr026k)*

- o 12 Smoked all or part of a cigarette (cr026l)
- o 13 Used an e-cigarette or vaping device to vape e-liquids with nicotine (cr026m)

Answer options for all questions in the series are:

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

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 cr026h > 0 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr049_intro (Section Abuse)

How frequently do you perform the following activities when you are on Facebook, Twitter, Instagram or Snapchat?

SUBGROUP OF QUESTIONS

cr049a (Browsing passively (without liking or commenting on anything) in section Abuse)

Browsing passively (without liking or commenting on anything)

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Somewhat Frequently
- 5 Very frequently

cr049b (Browsing actively (liking and commenting on posts, pictures, and updates) in section Abuse)

Browsing actively (liking and commenting on posts, pictures, and updates)

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Somewhat Frequently
- 5 Very frequently

cr049c (Sending messages or chatting with others in section Abuse)

Sending messages or chatting with others

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Somewhat Frequently
- 5 Very frequently

END OF SUBGROUP

END OF GROUP

END OF IF

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

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
```

```
IF cr026b > 0 THEN
```

```
  cr051 (contents of cannabis in section Abuse)
```

```
  What is the content of the cannabis products that you typically use?
```

```
  1 High THC
  2 High CBD
  3 Balanced THC and CBD
  4 Unsure
```

```
  cr052_questions := array(1 →"cr052a", 2 →"cr052b", 3 →"cr052c", 4 →"cr052d", 5
  →"cr052e", 6 →"cr052f", 7 →"cr052g")
```

```
  /* The question series cr052a to cr052g are presented in random order per vari-
  ables cr052_order with values:
```

- o 1 Smoked in a pipe, joint, or bong (cr052a)
- o 2 Vaped marijuana, THC, or CBD oils or concentrates (cr052b)
- o 3 Dabbed (cr052c)
- o 4 Ingested edibles (cr052d)
- o 5 Oil (cr052e)
- o 6 Patches, gels, balms, or lotions (cr052f)
- o 7 Other (cr052g)

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

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

*/

IF sizeof(cr052_order) = 0 THEN

cr052_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))
cr052_order(7) := 7

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr052_intro (Section Abuse)

In the past 7 days, how did you use cannabis products?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 7

/* Question series cr052a to cr052g are presented in random order per variables
cr052_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

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

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

```
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:

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

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

- 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

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

- 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 An autoimmune disorder such as rheumatoid arthritis or Crohn's disease
- 9 A mental health condition
- 10 Obesity

Note: answer options 8 to 10 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

```
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:

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

Note: 'Other' is always presented last.

Answer options for all questions in the series are:

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

*/

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

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

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

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

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

```
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

- o 3 Unsure

*/

IF sizeof(cr029_order) = 0 THEN

| cr029_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr029_intro (Section Abuse)

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

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

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

End of section **Abuse**

Start of section **Health**

he001 (mobility in section Health)

Please check the ONE box that best describes your health TODAY:

MOBILITY

- 1 I have no problems walking
- 2 I have slight problems walking
- 3 I have moderate problems walking
- 4 I have severe problems walking
- 5 I am unable to walk

he002 (self-care in section Health)

Please check the ONE box that best describes your health TODAY:

SELF-CARE

- 1 I have no problems washing or dressing myself
- 2 I have slight problems washing or dressing myself
- 3 I have moderate problems washing or dressing myself
- 4 I have severe problems washing or dressing myself
- 5 I am unable to wash or dress myself

he003 (usual activities in section Health)

Please check the ONE box that best describes your health TODAY:

USUAL ACTIVITIES (*e.g. work, study, housework, family or leisure activities*)

- 1 I have no problems doing my usual activities
- 2 I have slight problems doing my usual activities
- 3 I have moderate problems doing my usual activities
- 4 I have severe problems doing my usual activities
- 5 I am unable to do my usual activities

he004 (pain discomfort in section Health)

Please check the ONE box that best describes your health TODAY:

PAIN / DISCOMFORT

- 1 I have no pain or discomfort
- 2 I have slight pain or discomfort
- 3 I have moderate pain or discomfort
- 4 I have severe pain or discomfort
- 5 I have extreme pain or discomfort

he005 (anxiety depression in section Health)

Please check the ONE box that best describes your health TODAY:

ANXIETY / DEPRESSION

- 1 I am not anxious or depressed
- 2 I am slightly anxious or depressed
- 3 I am moderately anxious or depressed
- 4 I am severely anxious or depressed
- 5 I am extremely anxious or depressed

he006 (how good health today on scale in section Health)

We would like to know how good or bad your health is TODAY. This scale is numbered from 0 to 100. 100 means the **best** health you can imagine. 0 means the **worst** health you can imagine. Indicate on the scale how your health is TODAY.

RANGE 0..100

End of section **Health**

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", and "6 None of these".*

**/*

`preload_hadjob := getCovid19Preload("cr008")`

`preload_lr001 := getCovid19Preload("lr001")`

IF preload_hadjob = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir001 (employment status in section Labor)

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

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

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

Ir001_other (other employment status in section Labor)

STRING

END OF GROUP

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

Ir002 (still receiving benefits in section Labor)

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

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

ELSE

IF preload_hadjob = RESPONSE THEN

IF preload_Ir001 = 3 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir003aa (job status after laid off in section Labor)

You told us on (date of earlier survey()) 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:

Ir003aa_other (other job status after laid off in section Labor)
STRING

END OF GROUP

ELSEIF preload.Ir001 = 4 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir003bb (job status after sick leave in section Labor)
You told us on (date of earlier survey()) 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:

Ir003bb_other (other job status after sick leave in section Labor)
STRING

END OF GROUP

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir003 (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:

Ir003_other (other employment status prev no job in section Labor)
STRING

END OF GROUP

END OF IF

ELSE

Ir003a (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 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)
- o 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)) OR (preload_hadjob = 2 AND preload_lr001 = 3 AND lr003aa IN (1,5)) OR (preload_hadjob = 2 AND preload_lr001 = 4 AND lr003bb IN (1,5)) OR (preload_hadjob = 2 AND preload_lr001 != 3 AND preload_lr001 != 4 AND lr003 = 2) OR (preload_hadjob = EMPTY AND lr003a = 1) THEN

| lr004 := 1

END OF IF

IF lr004 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

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

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

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

lr005_other (self employed or work for employer other in section Labor)

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

Ir010_other (how frequently paid other in section Labor)

How frequently are you paid?

STRING

END OF GROUP

Ir011 (amount most recent paycheck in section Labor)

What was the amount on your most recent paycheck?

RANGE 1..10000000

IF Ir011 > 50000 THEN

check.Ir011 (amount over 50k in section Labor)

You entered an amount over \$50,000. Is this correct?

- 1 Yes
- 2 No

END OF IF

Ir012 (amount before or after taxes in section Labor)

Is that amount before or after taxes were withheld?

- 1 Before taxes (gross)
- 2 After taxes (net)
- 3 Unsure

Ir013 (how 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 Ir013 > 1 AND Ir005 = 2 THEN

Ir014 (require permission to use sick days in section Labor)

Do you require your employer's permission to use these sick days?

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

Ir015 (percent chance you lose your job in section Labor)

The coronavirus may cause economic challenges for some people regardless of whether they are actually infected.

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

RANGE 0..100

cr_error (Section Corona)

Please enter a number between 0% and 100%.

END OF GROUP

ELSE

Ir016 (received unemployment insurance past 14 days in section Labor)

Have you received unemployment insurance benefits in the past fourteen days?

- 1 Yes
- 2 No
- 3 Unsure

IF Ir016 = 1 THEN

Ir017 (amount unemployment insurance in section Labor)

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

RANGE 1..10000

IF Ir017 > 5000 THEN

check_Ir017 (amount over 5k in section Labor)

You entered an amount over \$5,000. Is this correct?

- 1 Yes

| 2 No

END OF IF

ELSEIF Ir016 = RESPONSE THEN

Ir018 (why not received unemployment insurance benefits in section Labor)

Why haven't you received unemployment insurance benefits? Mark all that apply.

- 1 My former employer has not made me eligible
- 2 I am not eligible for other reasons
- 3 I am unsure how to apply
- 4 I was approved but I haven't been paid yet
- 5 I applied and was rejected
- 6 I decided not to apply
- 7 Other

END OF IF

END OF IF

Ir019a (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 Ir019a 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

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

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

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

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

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

/ The question series ei005a to ei005m are presented in random order per variables ei005_order with values:*

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

- 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

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

ei008 (owe money on student loans in section Economic)
Do you owe money on student loans?
1 Yes
2 No

IF ei008 = 1 THEN

ei009 (permission to delay payment on student loans in section Economic)
Have you received permission from your lender to delay or reduce payment on your student loans?
1 Yes
2 No

ei010 (missed payment in the past in section Economic)
In the past month, did you miss or delay payment on your student loans, or did you pay less than the full amount?
1 Yes
2 No

END OF IF

ei011 (do you have a mortgage in section Economic)
Do you have a mortgage?
1 Yes
2 No

IF ei011 = 1 THEN

ei012 (permission to delay mortgage payment in section Economic)
Have you received permission from your lender to delay or reduce payment on your mortgage?
1 Yes
2 No

ei013 (past month delay payment on mortgage in section Economic)
In the past month, did you miss or delay payment on your mortgage, or did you pay less than the full amount?
1 Yes

| 2 No

END OF IF

ei014 (rent primary residence in section Economic)

Do you rent your primary residence?

1 Yes

2 No

IF ei014 = 1 THEN

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

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

1 Yes

2 No

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

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

1 Yes

2 No

END OF IF

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

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

1 I am certain I could come up with the full \$2,000

2 I could probably come up with \$2,000

3 I could probably **not** come up with \$2,000

4 I am certain I could **not** come up with \$2,000

5 Don't know

6 Prefer not to say

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ei018_intro (emergency expense 400 dollars info in section Economic)

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

SUBGROUP OF QUESTIONS

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

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

- 1 Yes
- 2 No
- 3 Unsure

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

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

- 1 Yes
- 2 No
- 3 Unsure

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

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

- 1 Yes
- 2 No
- 3 Unsure

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

Using a bank loan or line of credit

- 1 Yes
- 2 No
- 3 Unsure

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

By borrowing from a friend or family member

- 1 Yes
- 2 No
- 3 Unsure

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

Using a payday loan, deposit advance, or overdraft

- 1 Yes
- 2 No
- 3 Unsure

ei018g (By selling something in section Economic)

By selling something

- 1 Yes
- 2 No
- 3 Unsure

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

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

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

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

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

- 1 Yes
- 2 No
- 3 Unsure

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ei020_intro (My neighborhood is clean in section Economic)

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

SUBGROUP OF QUESTIONS

ei020 (My neighborhood is clean in section Economic)

My neighborhood is clean

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

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

There is too much crime in my neighborhood

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

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

Vandalism is common in my neighborhood

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

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

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

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

END OF SUBGROUP

END OF GROUP

ei024 (threat coronavirus outbreak to household finances in section Economic)

How much of a threat would you say the coronavirus outbreak is to your household's finances?

- 1 A substantial threat
- 2 A moderate threat
- 3 Not much of a threat
- 4 Not a threat at all

/* The answer options in ei025 are presented in random order per variables ei025_order with values:

- o 1 Lift the restrictions too quickly
- o 2 Not lift the restrictions quickly enough

*/

IF sizeof(ei025_order) = 0 THEN

| ei025_order := shuffleArray(array(1 →1, 2 →2))

END OF IF

ei025 (concern of state governments action in section Economic)

Thinking about the decisions by a number of state governments to impose significant restrictions on public activity because of the coronavirus outbreak, is your greater concern that state governments will...

- 1 Lift the restrictions too quickly
- 2 Not lift the restrictions quickly enough

/* The answer options in ei026 are presented in random order per variables ei026_order with values:

- o 1 Lift the restrictions too quickly
- o 2 Not lift the restrictions quickly enough

Note: the order is the same as for ei025. */

```
IF sizeof(ei026_order) = 0 THEN
| ei026_order := ei025_order
END OF IF
```

ei026 (concern of own state government action in section Economic)

Now thinking about the decisions by the **government of your state**, is your greater concern that **your own state government** will...

- 1 Lift the restrictions too quickly
- 2 Not lift the restrictions quickly enough

End of section **Economic**

Start of section **Food**

fd001 (chance afford food over next three months in section Food)

What is the percent chance that you will be able to afford the food you need over the **next three months**? If you are not sure, please give your best guess.

RANGE 0..100

```
fd004_questions := array(1 →"fd004a", 2 →"fd004b", 3 →"fd004c", 4 →"fd004d", 5 →"fd004e",
6 →"fd004f", 7 →"fd004g", 8 →"fd004h", 9 →"fd004i", 10 →"fd004j", 11 →"fd004k", 12
→"fd004l")
```

/* The question series fd004a to fd004l are presented in random order per variables fd004_order with values:

- 1 Grocery store / supermarket (Ralphs, Vons, Trader Joe's, etc.) (fd004a)
- 2 Convenience store (7-Eleven, ampm, etc.) (fd004b)
- 3 Drug store (CVS, Walgreens, Rite Aid, etc.) (fd004c)
- 4 Big-box store (Target, Walmart, Costco, etc.) (fd004d)
- 5 Food pantry (fd004e)
- 6 Restaurant or café (fd004f)
- 7 Home garden (fd004g)
- 8 Online retailer (Amazon Fresh, Fresh Direct, etc.) (fd004h)
- 9 Farmer's market (fd004i)
- 10 CSA (Community Supported Agriculture) (fd004j)
- 11 Meal kit subscription (Blue Apron, Dinnerly, etc.) (fd004k)

- o 12 Other (fd004l)

Note: 'Other' is always presented last.

Answer options for all questions in the series are:

- o 1 Yes
- o 2 No

*/

IF sizeof(fd004_order) = 0 **THEN**

```
fd004_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))  
fd004_order(12) := 12
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

fd004_intro (Section Food)

In **February 2020**, where did you usually get your food (either in person or by delivery)?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 12

```
/* Question series fd004a to fd004l are presented in random order per variables  
fd004_order as described above. */
```

END OF LOOP

END OF SUBGROUP

fd004l_other (February 2020 specify other get food in section Food)

STRING

END OF GROUP

fd005_order := empty

LOOP FROM 1 TO 12

IF fd004_order(fd005cnt) = 1 **AND** fd004a = 1 **THEN**

```
fd005_order(fd005cnt) := 1
```

```
ELSEIF fd004_order(fd005cnt) = 2 AND fd004b = 1 THEN
| fd005_order(fd005cnt) := 2
ELSEIF fd004_order(fd005cnt) = 3 AND fd004c = 1 THEN
| fd005_order(fd005cnt) := 3
ELSEIF fd004_order(fd005cnt) = 4 AND fd004d = 1 THEN
| fd005_order(fd005cnt) := 4
ELSEIF fd004_order(fd005cnt) = 5 AND fd004e = 1 THEN
| fd005_order(fd005cnt) := 5
ELSEIF fd004_order(fd005cnt) = 6 AND fd004f = 1 THEN
| fd005_order(fd005cnt) := 6
ELSEIF fd004_order(fd005cnt) = 7 AND fd004g = 1 THEN
| fd005_order(fd005cnt) := 7
ELSEIF fd004_order(fd005cnt) = 8 AND fd004h = 1 THEN
| fd005_order(fd005cnt) := 8
ELSEIF fd004_order(fd005cnt) = 9 AND fd004i = 1 THEN
| fd005_order(fd005cnt) := 9
ELSEIF fd004_order(fd005cnt) = 10 AND fd004j = 1 THEN
| fd005_order(fd005cnt) := 10
ELSEIF fd004_order(fd005cnt) = 11 AND fd004k = 1 THEN
| fd005_order(fd005cnt) := 11
ELSEIF fd004_order(fd005cnt) = 12 AND fd004l = 1 THEN
```

```
| fd005_order(fd005cnt) := 12
```

```
END OF IF
```

```
END OF LOOP
```

```
fd005a_asked := 2
```

```
IF sizeof(fd005_order) > 1 THEN
```

```
  fd005a (February 2020 most frequent source in section Food)
```

```
  You selected the following as the places where you usually got your food in February 2020. Please select your most frequent source of food in February 2020.
```

```
  1 Grocery store / supermarket (Ralphs, Vons, Trader Joe's, etc.)
```

```
  2 Convenience store (7-Eleven, ampm, etc.)
```

```
  3 Drug store (CVS, Walgreens, Rite Aid, etc.)
```

```
  4 Big-box store (Target, Walmart, Costco, etc.)
```

```
  5 Food pantry
```

```
  6 Restaurant or café
```

```
  7 Home garden
```

```
  8 Online retailer (Amazon Fresh, Fresh Direct, etc.)
```

```
  9 Farmer's market
```

```
  10 CSA (Community Supported Agriculture)
```

```
  11 Meal kit subscription (Blue Apron, Dinnerly, etc.)
```

```
  12 Other: (February 2020 specify other get food())
```

```
  fd005a_asked := 1
```

```
ELSEIF sizeof(fd005_order) = 1 THEN
```

```
  fd005a := reset(fd005_order)
```

```
  fd005a_asked := 1
```

```
END OF IF
```

```
IF fd005a_asked = 1 AND fd005a IN (1,2,3,4,5,6,9,10) THEN
```

```
  fd005a_dummy := fd005a
```

```
  fd006a (February 2020 got in person most frequent source in section Food)
```

```
  When you got your food from the (dummy February 2020 most frequent source()) in February 2020, did you usually get it in person or have the food delivered to your home?
```

```
  1 I usually got the food in person
```

```
  2 I usually had the food delivered to my home
```

```
  IF fd006a = 1 THEN
```

```
    fd007a (February 2020 how far away most frequent source in section Food)
```

```
    About how far away from your home is the (dummy February 2020 most frequent source()) where you most frequently got your food in February 2020?
```

- 1 0.5 miles or less than a 10-minute walk
- 2 1 to 2 miles
- 3 3 to 5 miles
- 4 6 to 10 miles
- 5 11 to 15 miles
- 6 16 to 20 miles
- 7 Greater than 20 miles

END OF IF

END OF IF

fd005b_asked := 2

IF fd005a_asked = 1 AND fd005a = RESPONSE THEN

fd005_order_reduced := removeAnswer(fd005a, fd005_order)

IF sizeof(fd005_order_reduced) > 1 THEN

fd005b (February 2020 second most frequent source in section Food)

You selected the following as they places where you usually got your food in February 2020. Please select your **second most frequent source of food in February 2020**. Your first, most frequent source has already been selected and cannot be selected again.

- 1 Grocery store / supermarket (Ralphs, Vons, Trader Joe's, etc.)
- 2 Convenience store (7-Eleven, ampm, etc.)
- 3 Drug store (CVS, Walgreens, Rite Aid, etc.)
- 4 Big-box store (Target, Walmart, Costco, etc.)
- 5 Food pantry
- 6 Restaurant or café
- 7 Home garden
- 8 Online retailer (Amazon Fresh, Fresh Direct, etc.)
- 9 Farmer's market
- 10 CSA (Community Supported Agriculture)
- 11 Meal kit subscription (Blue Apron, Dinnerly, etc.)
- 12 Other: (February 2020 specify other get food())

fd005b_asked := 1

ELSEIF sizeof(fd005_order_reduced) = 1 THEN

fd005b := reset(fd005_order_reduced)

fd005b_asked := 1

END OF IF

END OF IF

IF fd005b_asked = 1 AND fd005b IN (1,2,3,4,5,6,9,10) THEN

fd005b_dummy := fd005b

fd006b (February 2020 got in person second most frequent source in section Food)
When you got your food from the **(dummy February 2020 second most frequent source())** in February 2020, did you usually get it in person or have the food delivered to your home?

- 1 I usually got the food in person
- 2 I usually had the food delivered to my home

IF fd006b = 1 THEN

fd007b (February 2020 how far away second most frequent source in section Food)
About how far away from your home is the **(dummy February 2020 second most frequent source())** where you second most frequently got your food in February 2020?

- 1 0.5 miles or less than a 10-minute walk
- 2 1 to 2 miles
- 3 3 to 5 miles
- 4 6 to 10 miles
- 5 11 to 15 miles
- 6 16 to 20 miles
- 7 Greater than 20 miles

END OF IF

END OF IF

fd002 (food delivered to home in section Food)
In the **last 14 days**, have you had food delivered to your home?

- 1 Yes
- 2 No
- 3 Unsure

IF fd002 = 1 THEN

/ The answer options in fd003 are presented in random order per variables fd003_order with values:*

- o 1 Friend or neighbor*
- o 2 Family member*
- o 3 Local volunteer*
- o 4 Business or organization that provided the food*
- o 5 Government's Critical Delivery Service*
- o 6 Paid delivery service (Instacart, Uber Eats, etc)*
- o 7 Other*

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

IF sizeof(fd003_order) = 0 THEN

```
fd003_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))
fd003_order(7) := 7
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

fd003 (who provided food delivery in section Food)

If you have had food delivered to your home, who provided that delivery service?

Please check all that apply.

- 1 Friend or neighbor
- 2 Family member
- 3 Local volunteer
- 4 Business or organization that provided the food
- 5 Government's Critical Delivery Service
- 6 Paid delivery service (Instacart, Uber Eats, etc)
- 7 Other, please specify:

fd003.other (other who provided food delivery in section Food)

STRING

END OF GROUP

END OF IF

```
fd008_questions := array(1 →"fd008a", 2 →"fd008b", 3 →"fd008c", 4 →"fd008d", 5 →"fd008e",
6 →"fd008f", 7 →"fd008g", 8 →"fd008h", 9 →"fd008i", 10 →"fd008j", 11 →"fd008k", 12
→"fd008l")
```

/* The question series fd008a to fd008l are presented in random order per variables fd008_order with values:

- o 1 Grocery store / supermarket (Ralphs, Vons, Trader Joe's, etc.) (fd008a)
- o 2 Convenience store (7-Eleven, ampm, etc.) (fd008b)
- o 3 Drug store (CVS, Walgreens, Rite Aid, etc.) (fd008c)
- o 4 Big-box store (Target, Walmart, Costco, etc.) (fd008d)
- o 5 Food pantry (fd008e)
- o 6 Restaurant or café (fd008f)
- o 7 Home garden (fd008g)
- o 8 Online retailer (Amazon Fresh, Fresh Direct, etc.) (fd008h)

- o 9 Farmer's market (fd008i)
- o 10 CSA (Community Supported Agriculture) (fd008j)
- o 11 Meal kit subscription (Blue Apron, Dinnerly, etc.) (fd008k)
- o 12 Other (fd008l)

Note: 'Other' is always presented last.

Answer options for all questions in the series are:

- o 1 Yes
- o 2 No

*/

```
IF sizeof(fd008_order) = 0 THEN
| fd008_order := fd004_order
END OF IF
```

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

fd008_intro (Section Food)

In the **last 14 days**, where did you get your food (either in person or by delivery)?

SUBGROUP OF QUESTIONS

```
LOOP FROM 1 TO 12
```

```
  /* Question series fd008a to fd008l are presented in random order per variables
  fd008_order as described above. */
```

```
END OF LOOP
```

END OF SUBGROUP

fd008l_other (last 14 days specify other get food in section Food)

STRING

END OF GROUP

```
fd009_order := empty
```

```
LOOP FROM 1 TO 12
```

```
  IF fd008_order(fd009cnt) = 1 AND fd008a = 1 THEN
```

```
| fd009_order(fd009cnt) := 1
ELSEIF fd008_order(fd009cnt) = 2 AND fd008b = 1 THEN
| fd009_order(fd009cnt) := 2
ELSEIF fd008_order(fd009cnt) = 3 AND fd008c = 1 THEN
| fd009_order(fd009cnt) := 3
ELSEIF fd008_order(fd009cnt) = 4 AND fd008d = 1 THEN
| fd009_order(fd009cnt) := 4
ELSEIF fd008_order(fd009cnt) = 5 AND fd008e = 1 THEN
| fd009_order(fd009cnt) := 5
ELSEIF fd008_order(fd009cnt) = 6 AND fd008f = 1 THEN
| fd009_order(fd009cnt) := 6
ELSEIF fd008_order(fd009cnt) = 7 AND fd008g = 1 THEN
| fd009_order(fd009cnt) := 7
ELSEIF fd008_order(fd009cnt) = 8 AND fd008h = 1 THEN
| fd009_order(fd009cnt) := 8
ELSEIF fd008_order(fd009cnt) = 9 AND fd008i = 1 THEN
| fd009_order(fd009cnt) := 9
ELSEIF fd008_order(fd009cnt) = 10 AND fd008j = 1 THEN
| fd009_order(fd009cnt) := 10
ELSEIF fd008_order(fd009cnt) = 11 AND fd008k = 1 THEN
| fd009_order(fd009cnt) := 11
```

```
ELSEIF fd008_order(fd009cnt) = 12 AND fd008l = 1 THEN
```

```
| fd009_order(fd009cnt) := 12
```

```
END OF IF
```

```
END OF LOOP
```

```
fd009a_asked := 2
```

```
IF sizeof(fd009_order) > 1 THEN
```

```
fd009a (last 14 days most frequent source in section Food)
```

You selected the following as the places where you usually got your food in the last 14 days. Please select your **most frequent source of food in the last 14 days**.

- 1 Grocery store / supermarket (Ralphs, Vons, Trader Joe's, etc.)
- 2 Convenience store (7-Eleven, ampm, etc.)
- 3 Drug store (CVS, Walgreens, Rite Aid, etc.)
- 4 Big-box store (Target, Walmart, Costco, etc.)
- 5 Food pantry
- 6 Restaurant or café
- 7 Home garden
- 8 Online retailer (Amazon Fresh, Fresh Direct, etc.)
- 9 Farmer's market
- 10 CSA (Community Supported Agriculture)
- 11 Meal kit subscription (Blue Apron, Dinnerly, etc.)
- 12 Other: (last 14 days specify other get food())

```
fd009a_asked := 1
```

```
ELSEIF sizeof(fd009_order) = 1 THEN
```

```
| fd009a := reset(fd009_order)
```

```
| fd009a_asked := 1
```

```
END OF IF
```

```
IF fd009a_asked = 1 AND fd009a IN (1,2,3,4,5,6,9,10) THEN
```

```
fd009a_dummy := fd009a
```

```
fd010a (last 14 days got in person most frequent source in section Food)
```

When you got your food from the (**dummy last 14 days most frequent source()**) in the last 14 days, did you usually get it in person or have the food delivered to your home?

- 1 I usually got the food in person
- 2 I usually had the food delivered to my home

```
IF fd010a = 1 THEN
```

fd011a (last 14 days how far away most frequent source in section Food)
About how far away from your home is the **(dummy last 14 days most frequent source())** where you most frequently got your food in the last 14 days?

- 1 0.5 miles or less than a 10-minute walk
- 2 1 to 2 miles
- 3 3 to 5 miles
- 4 6 to 10 miles
- 5 11 to 15 miles
- 6 16 to 20 miles
- 7 Greater than 20 miles

END OF IF

END OF IF

fd009b_asked := 2

IF fd009a_asked = 1 AND fd009a = RESPONSE THEN

fd009_order_reduced := removeAnswer(fd009a, fd009_order)

IF sizeof(fd009_order_reduced) > 1 THEN

fd009b (last 14 days second most frequent source in section Food)

You selected the following as the places where you usually got your food in the last 14 days. Please select your **second most frequent source of food in the last 14 days**. Your first, most frequent source has already been selected and cannot be selected again.

- 1 Grocery store / supermarket (Ralphs, Vons, Trader Joe's, etc.)
- 2 Convenience store (7-Eleven, ampm, etc.)
- 3 Drug store (CVS, Walgreens, Rite Aid, etc.)
- 4 Big-box store (Target, Walmart, Costco, etc.)
- 5 Food pantry
- 6 Restaurant or café
- 7 Home garden
- 8 Online retailer (Amazon Fresh, Fresh Direct, etc.)
- 9 Farmer's market
- 10 CSA (Community Supported Agriculture)
- 11 Meal kit subscription (Blue Apron, Dinnerly, etc.)
- 12 Other: (last 14 days specify other get food())

fd009b_asked := 1

ELSEIF sizeof(fd009_order_reduced) = 1 THEN

fd009b := reset(fd009_order_reduced)

fd009b_asked := 1

END OF IF

END OF IF

IF fd009b_asked = 1 AND fd009b IN (1,2,3,4,5,6,9,10) THEN

fd009b_dummy := fd009b

fd010b (last 14 days got in person second most frequent source in section Food)
When you got your food from the **(dummy last 14 days second most frequent source())** in the last 14 days, did you usually get it in person or have the food delivered to your home?

- 1 I usually got the food in person
- 2 I usually had the food delivered to my home

IF fd010b = 1 THEN

fd011b (last 14 days how far away second most frequent source in section Food)
About how far away from your home is the **(dummy last 14 days second most frequent source())** where you second most frequently got your food in the last 14 days?

- 1 0.5 miles or less than a 10-minute walk
- 2 1 to 2 miles
- 3 3 to 5 miles
- 4 6 to 10 miles
- 5 11 to 15 miles
- 6 16 to 20 miles
- 7 Greater than 20 miles

END OF IF

END OF IF

fd012 (last 14 days eaten food that is different from February 2020 in section Food)
In the last 14 days, have you eaten food that is different from the types of food you ate in February 2020?

- 1 Yes
- 2 No
- 3 Unsure

IF fd012 = 1 THEN

fd013 (how food different in section Food)
What is different about the food you ate in the last 14 days, compared to the food you ate in February 2020?

STRING

END OF IF

/* The answer options in fd014 are presented in random order per variables fd014_order with values:

- o 1 Nutrition Assistance (SNAP, Food Stamps, CalFresh, etc.)
- o 2 Food pantries
- o 3 Free delivery of groceries near your home

- o 4 WIC (the Women, Infants, and Children program)
- o 5 The Elder Nutrition Program (aka senior meals)
- o 6 Grab and Go School Meals
- o 7 Other local food programs or services
- o 8 None of the above

Note: answer option 7 and 8 are always presented last. */

IF sizeof(fd014_order) = 0 THEN

```
fd014_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))
fd014_order(7) := 7
fd014_order(8) := 8
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

fd014 (heard or read about food assistance programs or food services in section Food)
Have you heard or read about any of the following food assistance programs or food services? Please check all that apply.

- 1 Nutrition Assistance (SNAP, Food Stamps, CalFresh, etc.)
- 2 Food pantries
- 3 Free delivery of groceries near your home
- 4 WIC (the Women, Infants, and Children program)
- 5 The Elder Nutrition Program (aka senior meals)
- 6 Grab and Go School Meals
- 7 Other local food programs or services, please specify:
- 8 None of the above

fd014_other (other heard or read about food assistance programs or food services in section Food)

STRING

END OF GROUP

IF fd014 != 8 AND fd014 = RESPONSE THEN

Fill code of question FLFD015 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

fd015 (where hear or read about food service in section Food)

Where did you hear or read about **(Nutrition Assistance (SNAP, Food Stamps, CalFresh, etc.)/Food pantries/Free delivery of groceries near your home/WIC (the Women, Infants, and Children program)/The Elder Nutrition Program (aka**

**senior meals)/Grab and Go School Meals/Other local food programs or services:
^fd014_other)?**

Please check all that apply.

- 1 Television
- 2 Radio
- 3 Newspaper
- 4 Family, friend, coworker, and/or neighbor
- 5 Social media
- 6 Internet (not social media)
- 7 Magazine
- 8 Flyer
- 9 Government agency
- 10 Community organization
- 11 Employer
- 12 Other, please specify:

fd015_other (other where hear or read about food service in section Food)
STRING

END OF GROUP

END OF IF

End of section **Food**

Start of section **School**

```
preload_ed001a := getCovid19Preload("ed001a")
preload_ed001b := getCovid19Preload("ed001b")
preload_ed001c := getCovid19Preload("ed001c")
preload_ed001d := getCovid19Preload("ed001d")
preload_ed001e := getCovid19Preload("ed001e")
```

IF ed001a = EMPTY THEN

```
ed001a := preload_ed001a
ed001b := preload_ed001b
ed001c := preload_ed001c
ed001d := preload_ed001d
ed001e := preload_ed001e
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

IF preload_ed001a = RESPONSE OR preload_ed001b = RESPONSE OR
preload_ed001c = RESPONSE OR preload_ed001d = RESPONSE OR preload_ed001e
= RESPONSE THEN

ed001_intro_pre (how many kids in school intro in section School)

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

Count yourself if you are enrolled in school.

NOTE: we already pre-filled the answers based on the last time you answered these questions. Please change them as needed to describe your current situation.

ELSE

ed001_intro (how many kids in school intro in section School)

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

Count yourself if you are enrolled in school.

END OF IF

SUBGROUP OF QUESTIONS

ed001a (preschool or day care in section School)

Preschool or day care

0 0

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10

ed001b (elementary school in section School)

Elementary school

0 0

1 1

2 2

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

ed001c (middle school or junior high in section School)

Middle school or junior high

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

ed001d (high school in section School)

High school

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

ed001e (college or trade school in section School)

College or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools

0 0
1 1
2 2
3 3
4 4

5 5
6 6
7 7
8 8
9 9
10 10

END OF SUBGROUP

END OF GROUP

IF ed001a \geq 1 THEN

Fill code of question FL_sl001 executed

sl001 (how many household members had preschool suspended in section School)
Of the household members enrolled in **preschool** or day care, how many have had school suspended or canceled because of the coronavirus?

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

END OF IF

IF ed001b \geq 1 THEN

Fill code of question FL_sl002 executed

sl002 (how many household members had elementary school suspended in section School)
Of the household members enrolled in **elementary school**, how many have had school suspended or canceled because of the coronavirus?

0 0
1 (1)
2 (2)
3 (3)
4 (4)
5 (5)
6 (6)

- 7 (7)
- 8 (8)
- 9 (9)
- 10 (10)

IF sl002 > 0 THEN

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

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

- 1 Yes
- 2 No
- 3 Other

IF sl003 = 1 THEN

sl004 (who provided the educational activities elementary in section School)

Who provided the educational activities? Mark all that apply.

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

IF 2 IN sl004 THEN

sl004a (elementary school who most responsible educational activities in section School)

You mentioned you or your spouse/partner are responsible for providing educational activities. Who takes more responsibility, you or your spouse/partner?

- 1 Me
- 2 My spouse/partner
- 3 Both equally

END OF IF

END OF IF

END OF IF

END OF IF

IF ed001c ≥ 1 THEN

Fill code of question FL_sl005 executed

sl005 (how many household members had middle school or junior high suspended in section School)

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

0 0

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

IF sI005 > 0 THEN

sI006 (hh member in middle school or junior high school doing educational activities at home in section School)

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

- 1 Yes
- 2 No
- 3 Other

IF sI006 = 1 THEN

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

Who provided the educational activities? Mark all that apply.

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

IF 2 IN sI007 THEN

sI007a (middle school or junior high who most responsible educational activities in section School)

You mentioned you or your spouse/partner are responsible for providing educational activities. Who takes more responsibility, you or your spouse/partner?

- 1 Me
- 2 My spouse/partner
- 3 Both equally

END OF IF

END OF IF

END OF IF

END OF IF

IF ed001d ≥ 1 THEN

Fill code of question FL_sl008 executed

sl008 (how many household members had high school suspended in section School)
Of the household members enrolled in **high school**, how many have had school suspended or canceled because of the coronavirus?

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

IF sl008 > 0 THEN

sl009 (hh member in high school doing educational activities at home in section School)

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

- 1 Yes
- 2 No
- 3 Other

IF sl009 = 1 THEN

sl010 (who provided the educational activities high school in section School)

Who provided the educational activities? Mark all that apply.

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

IF 2 IN sl010 THEN

sl010a (high school who most responsible educational activities in section School)

You mentioned you or your spouse/partner are responsible for providing educational activities. Who takes more responsibility, you or your spouse/partner?

- 1 Me
- 2 My spouse/partner
- 3 Both equally

END OF IF

END OF IF

END OF IF

sl011_grade11 (how many household members are currently in grade 11 in section School)

How many household members are currently in Grade 11?

RANGE 0..10

IF sl011_grade11 > 0 THEN

Fill code of question FLsl020_grade11 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl020_intro_grade11 (names hh members grade 11 in section School)

What are the names of the household members who are currently in Grade 11?

sl020_grade11 (names hh members grade 11 in section School)

STRING

IF sl011_grade11 > 1 THEN

sl020_grade11 (names hh members grade 11 in section School)

STRING

END OF IF

IF sl011_grade11 > 2 THEN

sl020_grade11 (names hh members grade 11 in section School)

STRING

END OF IF

END OF GROUP

max11gradekids := sl011_grade11

IF max11gradekids > 3 THEN

max11gradekids := 3

END OF IF

LOOP FROM 1 TO MAX11GRADEKIDS

IF sl020_grade11(checkcnt) = EMPTY THEN

IF max11gradekids > 1 THEN

grade11checkcntwarning (Section School)

You said that (max number of grade 11 kids to ask about()) household members are currently in Grade 11. Please go back and give all of their names or nickname OR click "Next" to continue.

ELSE

grade11checkcntwarning_single (Section School)

You said that (max number of grade 11 kids to ask about()) household member is currently in Grade 11. 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 MAX11GRADEKIDS

IF sl020_grade11(grade11namecnt) = RESPONSE THEN

grade11selectednames(counter) := sl020_grade11(grade11namecnt)

ingrade11flag(counter) := 1

counter := counter + 1

END OF IF

END OF LOOP

IF sizeof(grade11selectednames) > 0 THEN

LOOP FROM 1 TO SIZEOF(GRADE11SELECTEDNAMES)

IF ingrade11flag(cntSL) = 1 THEN

Fill code of question FLsl012_grade11 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl012_intro_grade11 (current plans after high school intro in section School)
What are **((cntSL))'s current plans** for after high school? Please mark all that apply.

SUBGROUP OF QUESTIONS

sl012a_grade11 (grade11 No plans in section School)

No plans

1 Yes

2 No

3 Unsure

sl012b_grade11 (grade11 Military in section School)

Military

1 Yes

2 No

3 Unsure

sl012c_grade11 (grade11 Employment in section School)

Employment

1 Yes

2 No

3 Unsure

sl012d_grade11 (grade11 Technical training in section School)

Technical training

1 Yes

2 No

3 Unsure

sl012e_grade11 (grade11 Community college in section School)

Community college

1 Yes

2 No

3 Unsure

sl012f_grade11 (grade11 Four-year college in section School)

Four-year college

1 Yes

2 No

3 Unsure

sl012g_grade11 (grade11 Remain in high school in section School)

Remain in high school

1 Yes

- 2 No
- 3 Unsure

sl012h_grade11 (grade11 other in section School)
Other
1 Yes
2 No
3 Unsure

END OF SUBGROUP

END OF GROUP

sl013_grade11 (grade11 plans changed in section School)
Have **((cntSL))'s plans** changed because of the coronavirus epidemic or school closures?
1 Yes
2 No
3 Unsure

IF sl013_grade11(cntSL) = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl014_intro_grade11 (grade11 previous plans after high school intro in section School)
What were **((cntSL))'s previous plans** for after high school? Please mark all that apply.

SUBGROUP OF QUESTIONS

sl014a_grade11 (grade11 previous No plans in section School)
No plans
1 Yes
2 No
3 Unsure

sl014b_grade11 (grade11 previous Military in section School)
Military
1 Yes
2 No
3 Unsure

sl014c_grade11 (grade11 previous Employment in section School)
Employment

- 1 Yes
- 2 No
- 3 Unsure

sl014d_grade11 (grade11 previous Technical training in section School)
Technical training

- 1 Yes
- 2 No
- 3 Unsure

sl014e_grade11 (grade11 previous Community college in section School)
Community college

- 1 Yes
- 2 No
- 3 Unsure

sl014f_grade11 (grade 11 previous Four-year college in section School)
Four-year college

- 1 Yes
- 2 No
- 3 Unsure

sl014g_grade11 (grade 11 Remain in high school in section School)
Remain in high school

- 1 Yes
- 2 No
- 3 Unsure

sl014h_grade11 (grade 11 previous other in section School)
Other

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

END OF IF

END OF IF

END OF LOOP

END OF IF

END OF IF

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

IF sI011 > 0 THEN

Fill code of question FLsI020 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

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

sI020 (names hh members grade 12 in section School)
STRING

IF sI011 > 1 THEN

sI020 (names hh members grade 12 in section School)
STRING

END OF IF

IF sI011 > 2 THEN

sI020 (names hh members grade 12 in section School)
STRING

END OF IF

END OF GROUP

max12gradekids := sI011

IF max12gradekids > 3 THEN

max12gradekids := 3

END OF IF

LOOP FROM 1 TO MAX12GRADEKIDS

IF sI020(checkcnt) = EMPTY THEN

IF max12gradekids > 1 THEN

grade12checkcntwarning (Section School)

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 School)

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

Fill code of question FLsl012 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl012.intro (current plans after high school intro in section School)

What are ((cntSL))'s **current plans** for after high school? Please mark all that apply.

SUBGROUP OF QUESTIONS

sl012a (No plans in section School)

No plans

1 Yes

2 No

3 Unsure

sl012b (Military in section School)

Military

1 Yes

2 No

3 Unsure

sl012c (Employment in section School)

Employment

1 Yes

2 No

3 Unsure

sl012d (Technical training in section School)

Technical training

1 Yes

2 No

3 Unsure

sl012e (Community college in section School)

Community college

1 Yes

2 No

3 Unsure

sl012f (Four-year college in section School)

Four-year college

1 Yes

2 No

3 Unsure

sl012g (Remain in high school in section School)

Remain in high school

1 Yes

2 No

3 Unsure

sl012h (other in section School)

- Other
- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

sl013 (plans changed in section School)

Have **((cntSL))'s plans** changed because of the coronavirus epidemic or school closures?

- 1 Yes
- 2 No
- 3 Unsure

IF sl013(cntSL) = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl014_intro (previous plans after high school intro in section School)

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

SUBGROUP OF QUESTIONS

sl014a (previous No plans in section School)

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

sl014b (previous Military in section School)

- Military
- 1 Yes
- 2 No
- 3 Unsure

sl014c (previous Employment in section School)

- Employment
- 1 Yes
- 2 No
- 3 Unsure

sl014d (previous Technical training in section School)

```

Technical training
1 Yes
2 No
3 Unsure

sl014e (previous Community college in section School)
Community college
1 Yes
2 No
3 Unsure

sl014f (previous Four-year college in section School)
Four-year college
1 Yes
2 No
3 Unsure

sl014g (Remain in high school in section School)
Remain in high school
1 Yes
2 No
3 Unsure

sl014h (previous other in section School)
Other
1 Yes
2 No
3 Unsure

END OF SUBGROUP
END OF GROUP
END OF IF
END OF IF
END OF LOOP
END OF IF
END OF IF
END OF IF

IF sl001 > 0 OR sl002 > 0 OR sl005 > 0 OR sl008 > 0 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

```

sl015 (who is mainly responsible for providing child care in section School)
Who is mainly responsible for providing child care while school is suspended or canceled? Mark all that apply:

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

sl015_other (who is mainly responsible for providing child care other in section School)
STRING

END OF GROUP

END OF IF

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

/* Respondents are asked for the first names or nicknames of any children in elementary, middle, or high school per sl015b variables (not included in the data set). A soft warning is given if they did not provide names for all the children.

If one or more names is given as collected in variables selectednames (not included in the data set) a child is randomly selected for follow up questions sl029 to sl037.

if respondents provided names in a previous survey, they are asked to confirm whether those children are still in elementary, middle, or high school (and if needed are asked for additional names). */

preload_selectednames := getCovid19Preload("selectednames", 2)
totalk12 := ed001b + ed001c + ed001d

IF sizeof(preload_selectednames) = 0 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl015b_intro (Section School)
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 FLsI015b executed
FLsI015b_dummy(cnt) := FLsI015b(cnt)

sI015b (name student in section School)
STRING

END OF LOOP

END OF GROUP

LOOP FROM 1 TO TOTALK12

IF sI015b(checkcnt) = EMPTY THEN

IF totalK12 > 1 THEN

checkcntwarning (Section School)

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 School)

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 sI015b(namecnt) = RESPONSE THEN

selectednames(counter) := sI015b(namecnt)

ink12flag(counter) := 1

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 ink12flag(selectedchild) = 1 THEN
| |
| | END OF IF
|
| END OF LOOP
| END OF IF
ELSE
preload_selectedchild := getCovid19Preload("selectedchild")
Fill code of question FLConfirmK12 executed

confirmk12 (confirm k-12 preloaded names in section School)
In the last survey you mentioned you had the followings kids in grade K-12:((previous
survey k-12 selected names(1))((previous survey k-12 selected names(2))((previous
survey k-12 selected names(3))((previous survey k-12 selected names(4))((previous
survey k-12 selected names(5))((previous survey k-12 selected names(6))((previous
survey k-12 selected names(7))((previous survey k-12 selected names(8))((previous
survey k-12 selected names(9))((previous survey k-12 selected names(10)))Is this still
correct?
1 Yes
2 No

IF confirmk12 = 1 THEN
selectednames := preload_selectednames

LOOP FROM 1 TO SIZEOF(SELECTEDNAMES)
| ink12flag(flagcnt) := 1

END OF LOOP

selectedchild := preload_selectedchild
haveslectedchild := 1
ELSE

```

Fill code of question FLStillK12 executed

stillk12 (still in k-12 in section School)

Which kid(s) are currently in grade K-12? Please select all that apply.

- 1 ((previous survey k-12 selected names(1)))
- 2 ((previous survey k-12 selected names(2)))
- 3 ((previous survey k-12 selected names(3)))
- 4 ((previous survey k-12 selected names(4)))
- 5 ((previous survey k-12 selected names(5)))
- 6 ((previous survey k-12 selected names(6)))
- 7 ((previous survey k-12 selected names(7)))
- 8 ((previous survey k-12 selected names(8)))
- 9 ((previous survey k-12 selected names(9)))
- 10 ((previous survey k-12 selected names(10)))
- 11 ((previous survey k-12 selected names(11)))
- 12 ((previous survey k-12 selected names(12)))
- 13 ((previous survey k-12 selected names(13)))
- 14 ((previous survey k-12 selected names(14)))
- 15 ((previous survey k-12 selected names(15)))
- 16 ((previous survey k-12 selected names(16)))
- 17 ((previous survey k-12 selected names(17)))
- 18 ((previous survey k-12 selected names(18)))
- 19 ((previous survey k-12 selected names(19)))
- 20 ((previous survey k-12 selected names(20)))
- 21 ((previous survey k-12 selected names(21)))
- 22 ((previous survey k-12 selected names(22)))
- 23 ((previous survey k-12 selected names(23)))
- 24 ((previous survey k-12 selected names(24)))
- 25 ((previous survey k-12 selected names(25)))
- 26 ((previous survey k-12 selected names(26)))
- 27 ((previous survey k-12 selected names(27)))
- 28 ((previous survey k-12 selected names(28)))
- 29 ((previous survey k-12 selected names(29)))
- 30 ((previous survey k-12 selected names(30)))
- 1001 All of them
- 1000 None of them

haveselectedchild := 2

currentk12total := 0

LOOP FROM 1 TO SIZEOF(PRELOAD_SELECTEDNAMES)

```
selectednames(clcnt) := preload_selectednames(clcnt)
```

```
IF clcnt IN stillk12 THEN
```

```
  ink12flag(clcnt) := 1  
  currentk12total := currentk12total + 1
```

```
  IF preload_selectedchild = clcnt THEN
```

```
    haveselectedchild := 1
```

```
  END OF IF
```

```
ELSE
```

```
  ink12flag(clcnt) := 2
```

```
END OF IF
```

```
END OF LOOP
```

```
namesneeded := totalk12 - currentk12total
```

```
IF namesneeded > 0 THEN
```

```
  loopmin := sizeof(preload_selectednames) + 1  
  loopmax := loopmin + namesneeded - 1  
  Fill code of question FLConfirmK12_postremove executed
```

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

```
IF currentk12total > 0 THEN
```

```
  sl015b.intro.more (Section School)
```

```
  Based on what you told us today (total number of kids in elementary,  
  middle, or high school()) household members are currently in grades K-  
  12. We already have the following names:((previous survey k-12 selected  
  names(1))((previous survey k-12 selected names(2))((previous survey k-12  
  selected names(3))((previous survey k-12 selected names(4))((previous  
  survey k-12 selected names(5))((previous survey k-12 selected  
  names(6))((previous survey k-12 selected names(7))((previous survey k-12  
  selected names(8))((previous survey k-12 selected names(9))((previous  
  survey k-12 selected names(10))((previous survey k-12 selected  
  names(11))((previous survey k-12 selected names(12))((previous survey k-12  
  selected names(13))((previous survey k-12 selected names(14))((previous  
  survey k-12 selected names(15))((previous survey k-12 selected
```

names(16))((previous survey k-12 selected names(17))((previous survey k-12 selected names(18))((previous survey k-12 selected names(19))((previous survey k-12 selected names(20))((previous survey k-12 selected names(21))((previous survey k-12 selected names(22))((previous survey k-12 selected names(23))((previous survey k-12 selected names(24))((previous survey k-12 selected names(25))((previous survey k-12 selected names(26))((previous survey k-12 selected names(27))((previous survey k-12 selected names(28))((previous survey k-12 selected names(29))((previous survey k-12 selected names(30)))What are the first names or nicknames of the other children currently in grades K-12? Just first names or nicknames will do.

ELSE

sl015b_intro (Section School)

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.

END OF IF

LOOP FROM LOOPMIN TO LOOPMAX

sl015b (name student in section School)

STRING

END OF LOOP

END OF GROUP

LOOP FROM LOOPMIN TO LOOPMAX

IF sl015b(checkcnt) = EMPTY THEN

checkcntmorewarning (Section School)

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 the names or nicknames we don't have yet OR click "Next" to continue.

END OF IF

END OF LOOP

LOOP FROM LOOPMIN TO LOOPMAX

```

IF sl015b(namecnt) = RESPONSE THEN
  selectednames(namecnt) := sl015b(namecnt)
  ink12flag(namecnt) := 1
END OF IF
END OF LOOP
END OF IF

IF haveselectedchild = 1 THEN
  selectedchild := preload_selectedchild
ELSE
  LOOP FROM 1 TO 50
    selectedchild := mt_rand(1, sizeof(selectednames))

    IF ink12flag(selectedchild) = 1 THEN
      |
    END OF IF

  END OF LOOP
END OF IF
END OF IF

IF selectedchild = EMPTY THEN
  haveselectedchild := 2

  LOOP FROM 1 TO 50
    selectedchild := mt_rand(1, sizeof(selectednames))

    IF ink12flag(selectedchild) = 1 THEN
      |
    END OF IF

  END OF LOOP
END OF IF
END OF IF

IF ink12flag(selectedchild) = 1 THEN

```

IF haveselectedchild = 1 THEN

sl029_intro (Section School)

In your last survey, we asked you which members of your household are enrolled in K-12 school. Then we asked you several questions about **((selectedchild))**'s school. Now we would like to follow up and ask a few more questions about **((selectedchild))**'s school.

END OF IF

preload.sl029 := getCovid19Preload("sl029")

IF preload.sl029 = RESPONSE AND haveselectedchild = 1 THEN

| sl029 := preload.sl029

ELSE

sl029 (guardian of selected child in section School)

Are you the parent or legal guardian of **((selectedchild))**?

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

sl030a (school cancel or suspend in-person classes in section School)

Did **((selectedchild))**'s school cancel or suspend in-person classes because of the coronavirus epidemic?

- 1 Yes
- 2 No
- 3 Unsure

sl030 (type of child selected child in section School)

What type of school did **((selectedchild))** attend in February 2020?

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

preload.sl031a := getCovid19Preload("sl031a")

preload.sl031b := getCovid19Preload("sl031b")

preload.sl031c := getCovid19Preload("sl031c")

preload.sl031d := getCovid19Preload("sl031d")

preload.sl031e := getCovid19Preload("sl031e")

**IF preload.sl031a = RESPONSE AND preload.sl031b = RESPONSE AND
preload.sl031c = RESPONSE AND preload.sl031d = RESPONSE AND preload.sl031e**

= RESPONSE AND haveselectedchild = 1 THEN

sl031a := preload_sl031a
sl031b := preload_sl031b
sl031c := preload_sl031c
sl031d := preload_sl031d
sl031e := preload_sl031e

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl031_intro (Section School)

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

SUBGROUP OF QUESTIONS

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

Gifted and talented instruction

- 1 Yes
- 2 No
- 3 Unsure

sl031b (were receiving mental health services in section School)

Mental health services

- 1 Yes
- 2 No
- 3 Unsure

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

Free or reduced-price meals

- 1 Yes
- 2 No
- 3 Unsure

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

Extra support for English language learners

- 1 Yes
- 2 No
- 3 Unsure

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

Extra support for struggling learners

- 1 Yes
- 2 No
- 3 Unsure

| END OF SUBGROUP

| END OF GROUP

END OF IF

preload_sl032 := getCovid19Preload("sl032")

IF preload_sl032 = RESPONSE AND haveselectedchild = 1 THEN

| sl032 := preload_sl032

ELSE

| **sl032** (receive 504 plan services selected child in section School)

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

END OF IF

preload_sl033 := getCovid19Preload("sl033")

IF preload_sl033 = RESPONSE AND haveselectedchild = 1 THEN

| sl033 := preload_sl033

ELSE

| **sl033** (receive IEP services selected child in section School)

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 IF

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

| GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

| **sl034_intro** (Section School)

| Is **((selectedchild))** still receiving any of these services now?

SUBGROUP OF QUESTIONS

IF sl031a = 1 THEN

sl034a (still receiving gifted and talented instruction in section School)
Gifted and talented instruction
1 Yes
2 No
3 Unsure

END OF IF

IF sl031b = 1 THEN

sl034b (still receiving mental health services in section School)
Mental health services
1 Yes
2 No
3 Unsure

END OF IF

IF sl031c = 1 THEN

sl034c (still receiving free or reduced-price meals in section School)
Free or reduced-price meals
1 Yes
2 No
3 Unsure

END OF IF

IF sl031d = 1 THEN

sl034d (still receiving extra instruction for English language learners in section School)
Extra instruction for English language learners
1 Yes
2 No
3 Unsure

END OF IF

IF sl031e = 1 THEN

sl034e (still receiving extra instruction for struggling learners in section School)
Extra instruction for struggling learners
1 Yes
2 No
3 Unsure

END OF IF

IF sl032 = 1 THEN

sl034f (still receiving services under a 504 plan in section School)
Services under a 504 plan
1 Yes
2 No
3 Unsure

END OF IF

IF sl033 = 1 THEN

sl034g (still receiving services under an IEP in section School)
Services under an IEP
1 Yes
2 No
3 Unsure

END OF IF

END OF SUBGROUP

END OF GROUP

END OF IF

sl035_questions := array(1 →"sl035a", 2 →"sl035b", 3 →"sl035c", 4 →"sl035d", 5
→"sl035e", 6 →"sl035f", 7 →"sl035g", 8 →"sl035h")

/* The question series sl035a to sl035f are presented in random order per variables sl035_order with values:

- 1 Will not make as much progress academically (sl035a)
- 2 Less peer interaction will cause lasting academic problems (sl035b)
- 3 Less teacher interaction will cause lasting academic problems (sl035c)
- 4 Less access to instructional materials (such as textbooks, worksheets, lab ma-

terials) will cause lasting academic problems (sl035d)

- 5 Less access to special education support will cause lasting academic problems (sl035e)
- 6 Less access to mental health support will cause lasting academic problems (sl035f)
- 7 Less peer interaction will cause lasting social problems (sl035g)
- 8 Less access to mental health support will cause lasting mental and/or emotional problems (sl035h)

Answer options for all questions in the series are:

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

*/

IF sizeof(sl035_order) = 0 THEN

```
sl035_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8))
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl035_intro (Section School)

How likely or unlikely is it that school closures due to the Coronavirus pandemic will lead to these scenarios:

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 8

```
/* Question series sl035a to sl035f are presented in random order per variables sl035_order as described above IF respondents said yes to the corresponding questions above. */
```

```
IF sl035_order(cnt) = 5 AND not(sl032 = 1 OR sl033 = 1) THEN
```

```

|
| ELSEIF sl035_order(cnt) = 6 AND sl031b != 1 THEN
|
| ELSEIF sl035_order(cnt) = 8 AND sl031b != 1 THEN
|
| ELSE
|
| END OF IF
|
| END OF LOOP
|
| END OF SUBGROUP
|
| END OF GROUP
|
| IF sl030a = 1 THEN
| GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN
|
| sl036_intro (Section School)
| In the past seven days how much time did ((selectedchild)) spend in online class
| meetings that included interaction between teachers and students? Enter "0" in
| both fields if ((selectedchild)) spent no time in online class meetings.
|
| sl036a (hours spent in online class in section School)
| RANGE 0..40
|
| sl036b (minutes spent in online class in section School)
| RANGE 0..60
|
| END OF GROUP
|
| GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN
|
| sl037_intro (Section School)
| Has ((selectedchild)) done any of the following activities since schools physically
| closed?
|
| SUBGROUP OF QUESTIONS

```

sl037a (Interacted with a teacher through an online meeting such as Zoom, by phone, or by email in section School)

Interacted with a teacher through an online meeting such as Zoom, by phone, or by email

- 1 Yes
- 2 No
- 3 Unsure

sl037b (Received new schoolwork from his or her teacher(s) in section School)

Received new schoolwork from his or her teacher(s)

- 1 Yes
- 2 No
- 3 Unsure

sl037c (Completed newly-assigned school work in section School)

Completed newly-assigned school work

- 1 Yes
- 2 No
- 3 Unsure

sl037d (Received feedback on schoolwork from his or her teacher(s) in section School)

Received feedback on schoolwork from his or her teacher(s)

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

END OF IF

END OF IF

ELSE

preload_selectednames := getCovid19Preload("selectednames", 2)

IF sizeof(preload_selectednames) = 0 THEN

selectednames := preload_selectednames

preload_selectedchild := getCovid19Preload("selectedchild")

selectedchild := preload_selectedchild

LOOP FROM 1 TO SIZEOF(SELECTEDNAMES)

ink12flag(setcnt) := 2

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

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

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

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

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

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl016_intro (school closures made it difficult for me to work in section School)

Do you agree or disagree with the following statement as related to school closures?

SUBGROUP OF QUESTIONS

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

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

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

sl017 (satisfied with communication in section School)

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

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

sl018 (my children will be prepared in section School)

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

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

sl018a (I am satisfied with how much my children are learning in section School)

I am satisfied with how much my children are learning.

- 1 Strongly disagree

- 2 Disagree
- 3 Agree
- 4 Strongly agree

sl018b (school closures have made it harder for me to feed my children in section School)

School closures have made it harder for me to feed my children.

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

sl018c (I am satisfied with the amount of time and attention my children give to school work in section School)

I am satisfied with the amount of time and attention my children give to school work.

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

END OF SUBGROUP

END OF GROUP

```
sl038_questions := array(1 →"sl038a", 2 →"sl038b", 3 →"sl038c", 4 →"sl038d", 5  
→"sl038e", 6 →"sl038f")
```

/* The question series sl038a to sl038f are presented in random order per variables sl038_order with values:

- 1 Having all students repeat the current grade (sl038a)
- 2 Converting grades/marks for the rest of the year to pass/fail (sl038b)
- 3 Promoting all students to the next grade regardless of their performance (sl038c)
- 4 Providing summer school to all students if it's safe (sl038d)
- 5 Canceling all standardized tests next school year (sl038e)
- 6 Canceling grades/marks for the rest of the school year (sl038f)

Answer options for all questions in the series are:

- 1 Strongly oppose
- 2 Oppose

- o 3 Neither Support or Oppose
- o 4 Support
- o 5 Strongly support
- o 6 Unsure

*/

IF sizeof(sl038_order) = 0 THEN

| sl038_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

sl038_intro (school closures made it difficult for me to work in section School)
 Schools are considering several policies in the wake of recent school closures. Do you support or oppose each of the following policies?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 6

| /* Question series sl038a to sl038f are presented in random order per variables
 | sl038_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl019_intro (earliest schools resume intro in section School)
 What is the earliest that you think any of your children's schools will resume in person?

sl019_month (earliest schools resume intro month in section School)

- 1 January
- 2 February
- 3 March
- 4 April
- 5 May
- 6 June
- 7 July

8 August
9 September
10 October
11 November
12 December

sl019_year (earliest schools resume intro year in section School)

2020 2020
2021 2021
2022 2022
2023 2023

END OF GROUP

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

IF sl019_year = FLCurrentYear AND sl019_month < FLCurrentMonth THEN

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

ELSEIF sl019_year = RESPONSE AND sl019_year < FLCurrentYear THEN

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

END OF IF

END OF IF

IF ed001e ≥ 1 THEN

preload_ed002 := getCovid19Preload("ed002")

IF preload_ed002 = RESPONSE THEN

ed002 := preload_ed002

END OF IF

Fill code of question FLEd002 executed

ed002 (R currently enrolled in college in section School)

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

NOTE: we already pre-filled the answer based on the last time you answered this question. Please change it if your situation has changed.)

1 Yes

2 No

IF ed002 = 1 THEN

 | maxnumberofcollege := ed001e - 1

ELSE

 | maxnumberofcollege := ed001e

END OF IF

IF maxnumberofcollege > 0 THEN

 preload_clselectednames := getCovid19Preload("clselectednames", 2)

 IF sizeof(preload_clselectednames) = 0 THEN

 | Fill code of question FLcl001 executed

 /* Respondents are asked for the first names or nicknames of any household members in college or trade school per cl001 variables (not included in the data set). A soft warning is given if they did not provide names for all the household members.

 If respondents provided names in a previous survey, they are asked to confirm whether those household members are still in college or trade school (and they are asked for additional names if needed).

 If the respondent is one of the members in college or trade school, they are asked the question series r_cl002 to r_cl013. If there are any additional household members in college or trade school AND their first name or nickname was given (as collected in variables clselectednames; not included in the data set) they are asked question series cl002 to cl013 for each member. */

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

 IF ed002 = 1 THEN

 | **cl001_intro** (Section School)

 | 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 School)

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 School)

STRING

END OF LOOP

END OF GROUP

LOOP FROM 1 TO MAXNUMBEROFCOLLEGE

IF cl001(checkcnt) = EMPTY THEN

IF maxnumberofcollege > 1 THEN

clcntwarning (Section School)

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 School)

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)
inhigheredflag(clcounter) := 1
clcounter := clcounter + 1

END OF IF

END OF LOOP

ELSE

Fill code of question FLConfirmhighered executed

confirmhighered (confirm higher ed preloaded names in section School)

In the last survey you mentioned you had the followings household members in college or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools:((previous survey higher ed selected names(1))((previous survey higher ed selected names(2))((previous survey higher ed selected names(3))((previous survey higher ed selected names(4))((previous survey higher ed selected names(5))((previous survey higher ed selected names(6))((previous survey higher ed selected names(7))((previous survey higher ed selected names(8))((previous survey higher ed selected names(9))((previous survey higher ed selected names(10)))Is this still correct?

1 Yes

2 No

IF confirmhighered = 1 THEN

clselectednames := preload.clselectednames

LOOP FROM 1 TO SIZEOF(CLSELECTEDNAMES)

inhigheredflag(flagcnt) := 1

END OF LOOP

ELSE

Fill code of question FLStillhighered executed

stillhighered (still in higher ed in section School)

Which household member(s) are currently in college or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools? Please select all that apply.

1 ((previous survey higher ed selected names(1)))

2 ((previous survey higher ed selected names(2)))

3 ((previous survey higher ed selected names(3)))

4 ((previous survey higher ed selected names(4)))

```

5 ((previous survey higher ed selected names(5)))
6 ((previous survey higher ed selected names(6)))
7 ((previous survey higher ed selected names(7)))
8 ((previous survey higher ed selected names(8)))
9 ((previous survey higher ed selected names(9)))
10 ((previous survey higher ed selected names(10)))
11 ((previous survey higher ed selected names(11)))
12 ((previous survey higher ed selected names(12)))
13 ((previous survey higher ed selected names(13)))
14 ((previous survey higher ed selected names(14)))
15 ((previous survey higher ed selected names(15)))
16 ((previous survey higher ed selected names(16)))
17 ((previous survey higher ed selected names(17)))
18 ((previous survey higher ed selected names(18)))
19 ((previous survey higher ed selected names(19)))
20 ((previous survey higher ed selected names(20)))
21 ((previous survey higher ed selected names(21)))
22 ((previous survey higher ed selected names(22)))
23 ((previous survey higher ed selected names(23)))
24 ((previous survey higher ed selected names(24)))
25 ((previous survey higher ed selected names(25)))
26 ((previous survey higher ed selected names(26)))
27 ((previous survey higher ed selected names(27)))
28 ((previous survey higher ed selected names(28)))
29 ((previous survey higher ed selected names(29)))
30 ((previous survey higher ed selected names(30)))
1001 All of them
1000 None of them

currenthigheredtotal := 0

LOOP FROM 1 TO SIZEOF(PRELOAD_CLSELECTEDNAMES)

| clselectednames(clcnt) := preload_clselectednames(clcnt)

| IF clcnt IN stillhighered THEN

| | inhigheredflag(clcnt) := 1
| | currenthigheredtotal := currenthigheredtotal + 1

| ELSE

| | inhigheredflag(clcnt) := 2

```

| END OF IF

END OF LOOP

namesneeded := maxnumberofcollege - currenthigheredtotal

IF namesneeded > 0 THEN

loopmin := sizeof(preload_clselectednames) + 1

loopmax := loopmin + namesneeded - 1

Fill code of question FLConfirmHigherEd_postremove executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

IF ed002 = 1 THEN

cl001_intro_more1 (Section School)

Based on what you told us today (maximum number of college()) household members **other than yourself** are currently in college or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools. We already have the following names:

((previous survey higher ed selected names(1))((previous survey higher ed selected names(2))((previous survey higher ed selected names(3))((previous survey higher ed selected names(4))((previous survey higher ed selected names(5))((previous survey higher ed selected names(6))((previous survey higher ed selected names(7))((previous survey higher ed selected names(8))((previous survey higher ed selected names(9))((previous survey higher ed selected names(10))((previous survey higher ed selected names(11))((previous survey higher ed selected names(12))((previous survey higher ed selected names(13))((previous survey higher ed selected names(14))((previous survey higher ed selected names(15))((previous survey higher ed selected names(16))((previous survey higher ed selected names(17))((previous survey higher ed selected names(18))((previous survey higher ed selected names(19))((previous survey higher ed selected names(20))((previous survey higher ed selected names(21))((previous survey higher ed selected names(22))((previous survey higher ed selected names(23))((previous survey higher ed selected names(24))((previous survey higher ed selected names(25))((previous survey higher ed selected names(26))((previous survey higher ed selected names(27))((previous survey higher ed selected names(28))((previous survey higher ed selected names(29))((previous survey higher ed selected names(30)))What are the first 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_intro_more2 (Section School)

Based on what you told us today (maximum number of college()) household members are currently in college or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools. We already have the following names:

((previous survey higher ed selected names(1))((previous survey higher ed selected names(2))((previous survey higher ed selected names(3))((previous survey higher ed selected names(4))((previous survey higher ed selected names(5))((previous survey higher ed selected names(6))((previous survey higher ed selected names(7))((previous survey higher ed selected names(8))((previous survey higher ed selected names(9))((previous survey higher ed selected names(10))((previous survey higher ed selected names(11))((previous survey higher ed selected names(12))((previous survey higher ed selected names(13))((previous survey higher ed selected names(14))((previous survey higher ed selected names(15))((previous survey higher ed selected names(16))((previous survey higher ed selected names(17))((previous survey higher ed selected names(18))((previous survey higher ed selected names(19))((previous survey higher ed selected names(20))((previous survey higher ed selected names(21))((previous survey higher ed selected names(22))((previous survey higher ed selected names(23))((previous survey higher ed selected names(24))((previous survey higher ed selected names(25))((previous survey higher ed selected names(26))((previous survey higher ed selected names(27))((previous survey higher ed selected names(28))((previous survey higher ed selected names(29))((previous survey higher ed selected names(30)))What are the first 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 LOOPMIN TO LOOPMAX

cl001 (name student in section School)
STRING

END OF LOOP

END OF GROUP

```

LOOP FROM LOOPMIN TO LOOPMAX
|
| IF cl001(checkcnt) = EMPTY THEN
|
|   clcntwarning (Section School)
|   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.
|
| END OF IF
|
| END OF LOOP
|
| LOOP FROM LOOPMIN TO LOOPMAX
|
| IF cl001(namecnt) = RESPONSE THEN
|
|   clselectednames(namecnt) := cl001(namecnt)
|   inhigheredflag(namecnt) := 1
|
| END OF IF
|
| END OF LOOP
|
| END OF IF
|
| END OF IF
|
| END OF IF
|
| ELSE
|
|   preload_clselectednames := getCovid19Preload("clselectednames", 2)
|
|   IF sizeof(preload_clselectednames) > 0 THEN
|
|     clselectednames := preload_clselectednames
|
|     LOOP FROM 1 TO SIZEOF(CLSELECTEDNAMES)
|
|     | inhigheredflag(setcnt) := 2
|
|     END OF LOOP
|
|   END OF IF
|
| END OF IF
|
| IF ed002 = 1 THEN
|
|   /* 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

```
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:

- o 1 Decreased
- o 2 No Change
- o 3 Increased
- o 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

preload_R_cl002 := getCovid19Preload("R_cl002")

IF preload_R_cl002 = **EMPTY THEN**

| **R_cl002** (respondent degree or certificate working on in section School)

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

ELSE

| R_cl002 := preload_R_cl002

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

R_cl005bbb_intro (Section School)

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 School)
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 School)
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

preload_R_cl002b := getCovid19Preload("R_cl002b")

IF preload_R_cl002b = EMPTY THEN

R_cl002b (respondent take part in classes in section School)
In February 2020, did you take part in classes toward your degree?
1 Yes
2 No
3 Unsure

ELSE

R_cl002b := preload_R_cl002b

END OF IF

IF R_cl002b = 1 THEN

preload_R_cl003 := getCovid19Preload("R_cl003")

IF preload_R_cl003 = EMPTY THEN

R_cl003 (respondent how taking part in classes in section School)
In February 2020, how did you primarily take part in classes?
1 On campus
2 Online
3 A worksite or other non-campus location
4 Other

ELSE

R_cl003 := preload_R_cl003

END OF IF

R_cl004 (respondent still taking part in classes in section School)

Are you still taking part in classes toward your degree now?

- 1 Yes
- 2 No
- 3 Unsure

IF R_cl004 = 1 THEN

R_cl005 (respondent how now taking part in classes in section School)

How are you primarily taking part in classes now?

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

END OF IF

IF R_cl004 IN (2,3) THEN

R_cl006 (respondent still offering classes in section School)

Is your school still offering classes in your program?

- 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 School)

Has the coronavirus epidemic affected your decision to stop taking part in classes now?

- 1 Yes
- 2 No
- 3 Unsure

IF R_cl006a = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

R_cl006b (respondent how corona affected plans to stop taking part in classes in section School)

How has the coronavirus epidemic affected your plans to stop taking part in classes now? Please mark all that apply.

- 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
- 12 My institution does not plan for in-person enrollment in the fall
- 11 Other, please specify:

R.cl006b_other (respondent other how corona affected plans to stop taking part in classes in section School)
STRING

END OF GROUP

END OF IF

R.cl006_ddd (respondent quality of online courses affected decision in section School)

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

- 1 Yes
- 2 No
- 3 Unsure

R.cl006_eee (respondent access to computer equipment or internet affected decision in section School)

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

- 1 Yes
- 2 No
- 3 Unsure

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

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

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

END OF IF

END OF IF

R.cl005b (respondent expect to finish program this term in section School)

Do you expect to complete your program this term?

- 1 Yes
- 2 No
- 3 Unsure

R_cl008a (respondent expect to continue taking classes in section School)

Do you expect to continue taking classes in the fall?

- 1 Yes
- 2 No
- 3 Unsure

R_cl010a (respondent corona influenced decision to continue taking classes in section School)

Has the coronavirus epidemic influenced your decision whether to continue taking classes in the fall?

- 1 Yes
- 2 No
- 3 Unsure

IF R_cl010a = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

R_cl010aa (respondent how corona affected plans to continue taking classes in section School)

How has the coronavirus epidemic influenced your decision whether continue taking classes in the fall? Please mark all that apply.

- 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
- 12 My institution does not plan for in-person enrollment in the fall
- 11 Other, please specify:

R_cl010aa_other (respondent other how corona affected plans to continue taking classes in section School)

STRING

END OF GROUP

END OF IF

IF R_cl005b = 1 THEN

R_cl005c (respondent february 2020 plans after finishing in section School)

As of February 2020, what were your 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

R_cl005d (respondent coronavirus changed plans after finishing in section School)

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 School)

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 R_cl008a = 1 THEN

R_cl008b (respondent where continue classes in section School)

Where do you expect to continue taking classes in the fall?

- 1 My current institution
- 2 A different institution

R_cl010 (respondent expect to take classes online or in person in section School)

Do you expect to take classes online or in person in the fall?

- 1 Online
- 2 In person
- 3 Other
- 4 Unsure

R_cl010b (respondent corona influenced decision how many classes to take in section School)

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

IF R_cl010b IN (1,2) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

R_cl010bb (respondent how corona affected plans how many classes in section School)

How has the coronavirus epidemic influenced your decision of how many classes to take in the fall? Please mark all that apply.

- 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
- 12 My institution does not plan for in-person enrollment in the fall
- 11 Other, please specify:

R_cl010bb_other (respondent other how corona affected plans how many classes in section School)

STRING

END OF GROUP

END OF IF

R_cl011 (respondent corona influenced decision to transfer in section School)

Has the coronavirus epidemic influenced your decision whether to transfer to another institution next term?

- 1 Yes
- 2 No
- 3 Unsure

IF R_cl011 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

R_cl011b (respondent how corona influenced decision to transfer in section School)

How has the coronavirus epidemic influenced your decision whether to transfer to another institution in the fall? Please mark all that apply.

- 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
- 12 My institution does not plan for in-person enrollment in the fall
- 11 Other, please specify:

R.cl011b_other (respondent other how corona influenced decision to transfer in section School)
STRING

END OF GROUP

END OF IF

END OF IF

IF R.cl005b = 2 THEN

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

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

- 1 Yes
- 2 No
- 3 Unsure

IF R.cl012 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

R.cl013 (respondent how corona influenced decision to complete in timely manner in section School)

How has the coronavirus epidemic influenced your ability to complete your degree or certificate in a timely manner? Mark all that apply.

- 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

```
12 My institution does not plan for in-person enrollment in the fall
11 Other, please specify:
```

```
R_cl013_other (respondent other how corona influenced decision to complete in timely manner in section School)
STRING
```

```
END OF GROUP
```

```
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
- o 10 It has changed my desire to be close to home
- o 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:

o 1 Family care responsibilities
o 2 Work responsibilities
o 3 Stable access to housing
o 4 Stable access to food sources (such as a campus meal plan)
o 5 Expenses for tuition, food, or housing
o 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:

o 1 Decreased
o 2 No Change
o 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)

```

IF inhigheredflag(clcnt) = 1 THEN

cl002_intro (degree or certificate working on in section School)

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

preload_cl002(clcnt) := getCovid19Preload("cl002(" . clcnt . ")")

IF preload_cl002(clcnt) = EMPTY THEN

cl002 (degree or certificate working on in section School)

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 cosmetology
- 4 A graduate program such as a masters or PhD.
- 5 Not working toward a degree or certificate

ELSE

cl002(clcnt) := preload_cl002(clcnt)

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 School)

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 School)

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 School)

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

preload_cl002b(clcnt) := getCovid19Preload("cl002b(" . clcnt . ")")

IF **preload_cl002b(clcnt) = EMPTY THEN**

cl002b (take part in classes in section School)

In February 2020, did **((clcnt))** take part in classes toward his or her degree?

- 1 Yes
- 2 No
- 3 Unsure

ELSE

cl002b(clcnt) := preload_cl002b(clcnt)

END OF IF

IF **cl002b(clcnt) = 1 THEN**

preload_cl003(clcnt) := getCovid19Preload("cl003(" . clcnt . ")")

IF **preload_cl003(clcnt) = EMPTY THEN**

cl003 (how taking part in classes in section School)

In February 2020, how did **((clcnt))** primarily take part in classes?

- 1 On campus
- 2 Online

- 3 A worksite or other non-campus location
- 4 Other

ELSE

cl003(clcnt) := preload_cl003(clcnt)

END OF IF

cl004 (still taking part in classes in section School)

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

- 1 Yes
- 2 No
- 3 Unsure

IF cl004(clcnt) = 1 THEN

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

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

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

END OF IF

IF cl004(clcnt) IN (2,3) THEN

cl006 (still offering classes in section School)

Is **((clcnt))**'s school still offering classes in his or her program?

- 1 Yes
- 2 No
- 3 Unsure

IF cl004(clcnt) = 2 THEN

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

Has the coronavirus epidemic affected **((clcnt))**'s decision to stop taking part in classes now?

- 1 Yes
- 2 No
- 3 Unsure

IF cl006a(clcnt) = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cl006b (how corona affected plans to stop taking part in classes in section School)

How has the coronavirus epidemic affected **((clcnt))**'s plans to stop taking part in classes now? Please mark all that apply.

- 1 It has changed **((clcnt))**'s family care responsibilities
- 2 It has changed **((clcnt))**'s work responsibilities
- 3 **((clcnt))** has health and safety concerns about in-person classes
- 4 It has changed **((clcnt))**'s stable access to housing
- 5 It has changed **((clcnt))**'s stable access to food sources (such as a campus meal plan)
- 6 It has changed **((clcnt))**'s expenses for tuition, food, or housing
- 7 It has changed **((clcnt))**'s ability to pay tuition
- 8 It has changed **((clcnt))**'s employment status or work hours
- 9 **((clcnt))** is dissatisfied with the coronavirus response of his or her current institution
- 10 It has changed **((clcnt))**'s desire to be close to home
- 12 **((clcnt))**'s institution does not plan for in-person enrollment in the fall
- 11 Other, please specify:

cl006b_other (other how corona affected plans to stop taking part in classes in section School)

STRING

END OF GROUP

END OF IF

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

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

- 1 Yes
- 2 No
- 3 Unsure

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

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

- 1 Yes
- 2 No

3 Unsure

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

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

1 Yes

2 No

3 Unsure

END OF IF

END OF IF

END OF IF

cl005b (expect to finish program this term in section School)

Does **((clcnt))** expect to complete his or her program this term?

1 Yes

2 No

3 Unsure

cl008a (expect to continue taking classes in section School)

Does **((clcnt))** expect to continue taking classes in the fall?

1 Yes

2 No

3 Unsure

cl010a (corona influenced decision to continue taking classes in section School)

Has the coronavirus epidemic influenced **((clcnt))**'s decision whether to continue taking classes in the fall?

1 Yes

2 No

3 Unsure

IF cl010a(clcnt) = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cl010aa (how corona affected plans to continue taking classes in section School)

How has the coronavirus epidemic influenced **((clcnt))**'s decision whether continue taking classes in the fall? Please mark all that apply.

1 It has changed **((clcnt))**'s family care responsibilities

2 It has changed **((clcnt))**'s work responsibilities

- 3 ((clcnt)) has health and safety concerns about in-person classes
- 4 It has changed ((clcnt))'s stable access to housing
- 5 It has changed ((clcnt))'s stable access to food sources (such as a campus meal plan)
- 6 It has changed ((clcnt))'s expenses for tuition, food, or housing
- 7 It has changed ((clcnt))'s ability to pay tuition
- 8 It has changed ((clcnt))'s employment status or work hours
- 9 ((clcnt)) is dissatisfied with the coronavirus response of his or her current institution
- 10 It has changed ((clcnt))'s desire to be close to home
- 12 ((clcnt))'s institution does not plan for in-person enrollment in the fall
- 11 Other, please specify:

cl010aa_other (other how corona affected plans to continue taking classes in section School)
STRING

END OF GROUP

END OF IF

IF cl005b(clcnt) = 1 THEN

cl005c (february 2020 plans after finishing in section School)
As of February 2020, what were ((clcnt))'s 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

cl005d (coronavirus changed plans after finishing in section School)
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 School)
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 cl008a(clcnt) = 1 THEN

cl008b (where continue classes in section School)

Where does **((clcnt))** expect to continue taking classes in the fall?

- 1 ((clcnt))'s current institution
- 2 A different institution

cl010 (expect to take classes online or in person in section School)

Does **((clcnt))** expect to take classes online or in person in the fall?

- 1 Online
- 2 In person
- 3 Other
- 4 Unsure

cl010b (corona influenced decision how many classes to take in section School)

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

IF cl010b(clcnt) IN (1,2) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cl010bb (how corona affected plans how many classes in section School)

How has the coronavirus epidemic influenced **((clcnt))**'s decision of how many classes to take in the fall? Please mark all that apply.

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

- 10 It has changed ((clcnt))'s desire to be close to home
- 12 ((clcnt))'s institution does not plan for in-person enrollment in the fall
- 11 Other, please specify:

cl010bb_other (other how corona affected plans how many classes in section School)
STRING

END OF GROUP

END OF IF

cl011 (corona influenced decision to transfer in section School)
Has the coronavirus epidemic influenced ((**clcnt**))'s decision whether to transfer to another institution in the fall?

- 1 Yes
- 2 No
- 3 Unsure

IF cl011(clcnt) = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cl011b (how corona influenced decision to transfer in section School)
How has the coronavirus epidemic influenced ((**clcnt**))'s decision whether to transfer to another institution in the fall? Please mark all that apply.

- 1 It has changed ((clcnt))'s family care responsibilities
- 2 It has changed ((clcnt))'s work responsibilities
- 3 ((clcnt)) has health and safety concerns about in-person classes
- 4 It has changed ((clcnt))'s stable access to housing
- 5 It has changed ((clcnt))'s stable access to food sources (such as a campus meal plan)
- 6 It has changed ((clcnt))'s expenses for tuition, food, or housing
- 7 It has changed ((clcnt))'s ability to pay tuition
- 8 It has changed ((clcnt))'s employment status or work hours
- 9 ((clcnt)) is dissatisfied with the coronavirus response of his or her current institution
- 10 It has changed ((clcnt))'s desire to be close to home
- 12 ((clcnt))'s institution does not plan for in-person enrollment in the fall
- 11 Other, please specify:

cl011b_other (other how corona influenced decision to transfer in section School)
STRING

| END OF GROUP

| END OF IF

END OF IF

IF cl005b(clcnt) = 2 THEN

cl012 (corona influence able to complete degree or certificate in section School)
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

IF cl012(clcnt) = 1 THEN

| GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cl013 (how corona influenced decision to complete in timely manner in section School)

How has the coronavirus epidemic influenced **((clcnt))**'s ability to complete his or her degree or certificate in a timely manner? Mark all that apply.

- 1 It has changed **((clcnt))**'s family care responsibilities
- 2 It has changed **((clcnt))**'s work responsibilities
- 3 **((clcnt))** has health and safety concerns about in-person classes
- 4 It has changed **((clcnt))**'s stable access to housing
- 5 It has changed **((clcnt))**'s stable access to food sources (such as a campus meal plan)
- 6 It has changed **((clcnt))**'s expenses for tuition, food, or housing
- 7 It has changed **((clcnt))**'s ability to pay tuition
- 8 It has changed **((clcnt))**'s employment status or work hours
- 9 **((clcnt))** is dissatisfied with the coronavirus response of his or her current institution
- 10 It has changed **((clcnt))**'s desire to be close to home
- 12 **((clcnt))**'s institution does not plan for in-person enrollment in the fall
- 11 Other, please specify:

cl013.other (other how corona influenced decision to complete in timely manner in section School)

STRING

| END OF GROUP

```

| | | | END OF IF
| | | | END OF IF
| | | | END OF IF
| | | END OF LOOP
| | END OF IF
ELSE
| preload_clselectednames := getCovid19Preload("clselectednames", 2)
|
| IF sizeof(preload_clselectednames) > 0 THEN
| | clselectednames := preload_clselectednames
| |
| | LOOP FROM 1 TO SIZEOF(CLSELECTEDNAMES)
| | |
| | | inhigheredflag(setcnt) := 2
| | |
| | | END OF LOOP
| | END OF IF
| END OF IF

```

cl014 (change perceived value post-secondary education in section School)
 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 **School**

Start of section **Insurance**

```

| IF covidday IN (3,4,5) THEN
| | preload_ins_randomizer_specific := getCovid19Preload("ins_randomizer_specific")
| |
| | IF preload_ins_randomizer_specific = RESPONSE AND preload_ins_randomizer_specific
| | | IN (1,2,3,4) THEN
| | | | ins_randomizer_specific := preload_ins_randomizer_specific
| | | | END OF IF
| | IF ins_randomizer_specific = EMPTY THEN

```

```
ins_randomizer_specific := mt_rand(1,4)
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ins001 (specific chance totaled how much willing to fix in section Insurance)

Suppose you already bought a used car. After inspecting the car, an independent agency tells you that the chance the car may be defective within the first year is **(randomizer specific chance())**. If the car is defective, your only option will be to fix it and you will need to pay \$5,000 to do this.

How much would you pay for an insurance policy that would give you back the full \$5,000 to fix the car?

RANGE 0..5000

cr.error2 (Section Corona)

Please enter an amount between \$0 and \$5,000.

END OF GROUP

END OF IF

End of section **Insurance**

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(242)
```

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. */