

# UnderStandingAmericaStudy

UAS 346: CORONAVIRUS TRACKING SURVEY LONG FORM WAVE 28



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# 1 INTRODUCTION

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This UAS panel survey, titled "UAS 346: Coronavirus tracking survey long form wave 28" asks respondents about the impact of the coronavirus pandemic on their lives. Fourth wave on a 28-day cadence. Includes single wave modules about long Covid, and some changes to the core K-12 questions for end of school year. This survey is no longer in the field. Respondents were paid \$15 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

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

## 1.2 Experiments

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

## 1.3 Citation

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

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## 2 SURVEY RESPONSE AND DATA

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### 2.1 Sample selection and response rate

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The sample selection for this survey was:

All active respondents who consented to participate in UAS46.

As such, this survey was made available to 8463 UAS participants. Of those 8463 participants, 5788 completed the survey and are counted as respondents. Of those who are not counted as respondents, 176 started the survey without completing and 2499 did not start the survey. The overall response rate was 68.39%.

Note: We are unable to provide sample weights for a small number of UAS members (see the Sample weighting section below for details). If they completed the survey, these members are included in the data set with a weight of zero, but accounted for in the computation of total sample size and survey response rate.%.

The detailed survey response rate is as follows:

UAS346 - Response Overview	
Size of selected sample	8463
Completed the survey	5788
Started but did not complete the survey	176
Did not start the survey	2499
Response rate	68.39%

### 2.2 Timings

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The survey took respondents an average of 21 minutes. Detailed timings distributions and times per question are available upon request.

## 2.3 Weighting

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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.

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### 3 STANDARD VARIABLES

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

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

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

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

- 18. MSG 2019/04 LA County Batch 4
- 19. MSG 2019/05 LA County Batch 5
- 20. MSG 2019/11 Nat. Rep. Batch 10
- 21. MSG 2020/08 Nat. Rep. Batch 11
- 22. MSG 2020/10 Nat. Rep. Batch 12

- **primary\_respondent**: indicates if the respondent was the first person within the household (i.e. to become a member or whether s/he was added as a subsequent member. A household in this regard is broadly defined as anyone living together with the primary respondent. That is, a household comprises individuals who live together, e.g. as part of a family relationship (like a spouse/child/parent) or in context of some other relationship (like a roommate or tenant).
- **hardware**: indicates whether the respondent ever received hardware or not. Note: this variable should not be used to determine whether a respondent received hardware at a given point in time and/or whether s/he used the hardware to participate in a survey. Rather, it indicates whether hardware was ever provided:
  - 1. None
  - 2. Tablet (includes Internet)
- **language**: the language in which the survey was conducted. This variable takes a value of 1 for English and a value of 2 for Spanish.
- **start\_date (start\_year, start\_month, start\_day, start\_hour, start\_min, start\_sec)**: indicates the time at which the respondent started the survey.
- **end\_date (end\_year, end\_month, end\_day, end\_hour, end\_min, end\_sec)**: indicates the time at which the respondent completed the survey.
- **cs\_001**: indicates how interesting the respondent found the survey.



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## 4 BACKGROUND DEMOGRAPHICS

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

The following variables are available in each survey data set:

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

- **education**: the highest level of education attained by the respondent.
- **hisplativo**: indicates whether the respondent identifies him or herself as being Hispanic or Latino. This variable is asked separately from race.
- **hisplatinogroup**: indicates which Hispanic or Latino group a respondent identifies him or herself with. This is set to missing (.) if the respondent does not identify him or herself as being Hispanic or Latino.
- **white**: indicates whether the respondent identifies him or herself as white (Caucasian).
- **black**: indicates whether the respondent identifies him or herself as black (African-American).
- **nativeamer**: indicates whether the respondent identifies him or herself as Native American (American Indian or Alaska Native).
- **asian**: indicates whether the respondent identifies him or herself as Asian (Asian-American).
- **pacific**: indicates whether the respondent identifies him or herself as Native Hawaiian or Other Pacific Islander.
- **race**: indicates the race of the respondent as singular (e.g., '1 White' or '2 Black') or as mixed (in case the respondent identifies with two or more races). The value '6 Mixed' that the respondent answered 'Yes' to at least two of the single race categories. This variable is generated based on the values of the different race variables (white, black, nativeamer, asian, pacific). This composite measure is not conditional on hisplativo, so an individual may identify as Hispanic or Latino, and also as a member of one or more racial groups.
- **working**: indicates whether the respondent is working for pay.
- **sick\_leave**: indicates whether the respondent is not working because sick or on leave.
- **unemp\_layoff**: indicates whether the respondent is unemployed or on lay off.
- **unemp\_look**: indicates whether the respondent is unemployed and looking for a job.
- **retired**: indicates whether the respondent is retired.
- **disabled**: indicates whether the respondent has a disability.
- **If\_other**: specifies other labor force status.
- **laborstatus**: indicates the labor force status of the respondent as singular (e.g., '1 Working for pay' or '2 On sick or other leave') or as mixed (in case the respondent selects two or more labor statuses). The value '8 Mixed' indicates that the respondent answered 'Yes' to at least two of the single labor force status variables. This variable is generated based on the values of the different labor status variables (working, sick\_leave, unempl\_layoff, unempl\_look, retired, disabled, If\_other).

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

As an example, if the first household member is in the household at the time of the survey, 'hhmemberin\_1' is set to '1 HH Member 1 is in the HH'; if he/she has moved out, 'hhmemberin\_1' is set to '0 HH member 1 is no longer in the HH'. Since information of other household members (stored in the variables listed below) is always included in survey data sets, information about 'hhmemberin\_1' is available whether this person is still in the household or has moved out.

- **hhmembergen\_#**: indicates the gender of another household member as reported by the respondent.
- **hhmemberage\_#**: indicates the age of another household member. The age is derived from the month and year of birth of the household member as reported by the respondent.
- **hhmemberrel\_#**: indicates the relationship of the respondent to the other household member as reported by the respondent.

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

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## 5 MISSING DATA CONVENTIONS

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

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

UAS provides data in STATA and CSV format. Stata data sets come with include variable labels that are not available in the CSV files. Value labels are provided for single-response answer option. In STATA these labels will include the labels 'Not asked' and 'Not answered' for (.a) and (.e), and will show in tabulations such as 'tab q1, missing'. For multiple-response questions a binary variable is created for each answer option indicating whether the option was selected or not. A summary variable is also provided in string format reflecting which options were selected and in which order. For example, if a question asked about favorite animals with options cat, dog, and horse, then if a respondent selected horse and then cat, the binary variables for horse and cat will be set to yes, while the overall variable would have a string value of '3-1'. If no answer was given, all binary variables and the summary variable will be marked with '.e'.

Questions that are asked multiple times are often implemented as so-called array questions. Supposing the name of such question was Q1 and it was asked in 6 different instances, your data set would contain the variables Q1\_1\_ to Q1\_6\_. To illustrate, if a survey asked the names of all children, then child\_1\_ would contain the name of the first child the respondent named and so on.

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

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## 6 ROUTING SYNTAX

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

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

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

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

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

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## 7 SURVEY WITH ROUTING

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Start of section **Preload**

```
/* The introduction of the survey is customized for respondents depending on whether they
are Los Angeles Residents or not. LA residents alternate between a long (UAS235/UAS240
/UAS242/UAS244/UAS246/UAS248/UAS250/UAS252/UAS254/UAS256/UAS258/UAS260/
UAS262/UAS264/UAS266/UAS268/UAS270/UAS272/UAS274/UAS276/UAS278/UAS280/UAS282
/UAS340/UAS342/UAS344/UAS346) and short version(UAS236/UAS241/
UAS243/UAS245/UAS247/UAS249/UAS251/UAS253/UAS255/UAS257/UAS259/UAS261/
UAS263/UAS265/UAS267/UAS269/UAS271/UAS273/UAS275/UAS277/UAS279/UAS281/UAS283
/UAS341/UAS343/UAS347) of the survey every two weeks while everyone else only re-
ceives the long version (UAS235/UAS240/
UAS242/UAS244/UAS246/UAS248/UAS250/UAS252/UAS254/UAS256/UAS258/UAS260/UAS262/
UAS264/UAS266/UAS268/UAS270/UAS272/UAS274/UAS276/UAS278/UAS280/UAS282/UAS340
/UAS342/UAS344/UAS346) once every month. In this context laresident indicates if a re-
spondent 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 re-
lated survey (UAS230, UAS235, UAS236, UAS240, UAS241, UAS242, UAS243, UAS244,
UAS245, UAS246, UAS247, UAS248, UAS249, UAS250, UAS251, UAS252, UAS253,
UAS254, UAS255, UAS256, UAS257, UAS258, UAS259, UAS260, UAS261, UAS262,
UAS263, UAS264, UAS265, UAS267, UAS268, UAS269, UAS271, UAS272, UAS273,
UAS274, UAS275, UAS276, UAS277, UAS278, UAS279, UAS280, UAS281, UAS283,
UAS340, UAS341, UAS343, UAS344, UAS345 OR UAS347). */
```

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

```
/* For several question series the questions are only asked if they were not answered
previously. The variable preload_uas242.244_endtime indicates if respondents completed
UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258,
UAS260, UAS262, UAS264, UAS266, UAS268, UAS270, UAS272, UAS274, UAS276, UAS278,
UAS280, UAS282, UAS340, UAS342 or UAS344 per the most recent end date and time for
```

```

those surveys. */
preload_uas242_244_endtime := getUASPreloadByCovidSuidBySurveySubset("endtime", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))

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

```

End of section **Preload**

Start of section **Definitions**

```

Fill code of question FLMedicaid executed
Fill code of question FLMedicare executed
Fill code of question FLSocialSecurity executed
Fill code of question FLSSI executed
Fill code of question FLSSDI executed
Fill code of question FLWIC executed
Fill code of question FLTANF executed
Fill code of question FLSNAP executed
Fill code of question FLCHIP executed
Fill code of question FLHousing executed
Fill code of question FLEITC executed
Fill code of question FLStimulus executed
Fill code of question FLProgram executed
Fill code of question FLCDC executed
Fill code of question FLAAP executed

```

End of section **Definitions**

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 every two weeks/once every four weeks/), 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

IF cr002 IN (1,2,3) THEN

**cr079** (how many times tested in section Corona)

How many times have you been tested since (^FLDateEarlierSurvey/March 2020)?

- 1 1
- 2 2
- 3 3
- 4 4
- 5 5
- 6 6
- 7 7
- 8 8
- 9 9
- 10 10
- 11 11
- 12 12
- 13 13
- 14 14

15 15  
16 16  
17 17  
18 18  
19 19  
20 20

**IF cr079 > 1 THEN**

**cr080** (test results in section Corona)

What were the results?

- 1 I only tested positive (I had the coronavirus)
- 2 I only tested negative (I did not have the coronavirus)
- 3 I tested both negative and positive
- 4 I do not know the results

**END OF IF**

**END OF IF**

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

Whether or not you have had a coronavirus test, has a doctor or another healthcare professional diagnosed you as having or probably having the coronavirus( **since** ^FLDateEarlierSurvey)?

- 1 Yes
- 2 No
- 3 Unsure

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

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

Do you think you have been infected with the coronavirus( **since** ^FLDateEarlierSurvey)?

- 1 Yes
- 2 No

**END OF IF**

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

Fill code of question FL\_cr011 executed

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

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

- 1 Yes
- 2 No

**END OF IF**

**cr013** (have health insurance in section Corona)

Do you currently have health insurance?

1 Yes

2 No

3 Unsure

End of section **Corona**

Start of section **Behavior**

```
cr015_questions := array(1 → "cr015a", 2 → "cr015b", 3 → "cr015c", 4 → "cr015d", 5 → "cr015e",  
6 → "cr015f", 7 → "cr015g", 8 → "cr015h", 9 → "cr015i", 10 → "cr015j", 11 → "cr015k", 12  
→ "cr015l", 13 → "cr015m", 14 → "cr015n", 15 → "cr015o", 16 → "cr015p", 17 → "cr015r", 18  
→ "cr015s")
```

/\* The question series cr015a to cr015s are presented in random order per variables cr015\_order with values (except for cr015o and cr015p which are not asked as they were replaced by cr015r and cr015s):

- 1 Gone out to a bar, club, or other place where people gather (cr015a)
- 2 Gone to the grocery store or pharmacy (cr015b)
- 3 Gone to a friend, neighbor, or relative's residence (that is not your own) (cr015c)
- 4 Had visitors such as friends, neighbors or relatives at your residence (cr015d)
- 5 Attended a gathering with more than 10 people, such as a reunion, wedding, funeral, birthday party, concert, or religious service (cr015e)
- 6 Sought care from a hospital or health care facility (cr015f)
- 7 Been placed in isolation or quarantine (cr015g)
- 8 Remained in your residence at all times, except for essential activities or exercise (cr015h)
- 9 Shared items like towels or utensils with other people (cr015i)
- 10 Had close contact (within 6 feet) with people who live with you (cr015j)
- 11 Had close contact (within 6 feet) with people who do not live with you (cr015k)
- 12 Gone outside to walk, hike, or exercise (cr015l)
- 13 Attended a political rally, protest, or demonstration. (cr015m)
- 14 Attended an in-person religious service (cr015n)
- 15 Traveled for work (cr015o)

- 16 Traveled for pleasure or personal reasons (cr015p)
- 17 Traveled by airplane (cr015r)
- 18 Traveled by public transportation (bus, subway, commuter rail, etc.) (cr015s)

Answer options for all questions in the series are:

- 1 Yes
- 2 No
- 3 Unsure

\*/

IF sizeof(cr015\_order) = 0 THEN

```
cr015_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9
→9, 10 →10, 11 →11, 12 →12, 13 →13, 14 →14, 17 →17, 18 →18))
```

END OF IF

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

**cr015\_intro** (Section Behavior)

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

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 18

IF cr015\_questions(cr015\_order(cnt)) = RESPONSE THEN

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

END OF IF

END OF LOOP

END OF SUBGROUP

END OF GROUP

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

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr069\_intro** (Section Behavior)

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

**SUBGROUP OF QUESTIONS**

**LOOP FROM 1 TO 16**

**IF cr015\_order(cnt) = 1 AND cr015a = 1 THEN**

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

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

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

**ELSEIF cr015\_order(cnt) = 2 AND cr015b = 1 THEN**

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

When you went to the grocery store or pharmacy

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

**ELSEIF cr015\_order(cnt) = 3 AND cr015c = 1 THEN**

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

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

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

**ELSEIF cr015\_order(cnt) = 4 AND cr015d = 1 THEN**

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

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

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

**ELSEIF cr015\_order(cnt) = 5 AND cr015e = 1 THEN**

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

When you attended a gathering with more than 10 people

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

**ELSEIF cr015\_order(cnt) = 6 AND cr015f = 1 THEN**

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

When you sought care from a hospital or health care facility

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

**ELSEIF cr015\_order(cnt) = 11 AND cr015k = 1 THEN**

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

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

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

| 6 Unsure

ELSEIF cr015\_order(cnt) = 12 AND cr015l = 1 THEN

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

When you went outside to walk, hike or exercise

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

ELSEIF cr015\_order(cnt) = 13 AND cr015m = 1 THEN

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

When you attended a political rally, protest, or demonstration

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

ELSEIF cr015\_order(cnt) = 14 AND cr015n = 1 THEN

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

When you attended an in-person religious service

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

ELSEIF cr015\_order(cnt) = 17 AND cr015r = 1 THEN

**cr069r** (face mask traveled by airplane in section Behavior)

When you traveled by airplane

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



```

| 6 Unsure

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

    cr069s (face mask traveled by public transportation (bus, subway, commuter rail,
    etc.) in section Behavior)
    When you traveled by public transportation (bus, subway, commuter rail, etc.)
    1 Always
    2 Most of the time
    3 Sometimes
    4 Rarely
    5 Never
    6 Unsure

    END OF IF

END OF LOOP

END OF SUBGROUP

END OF GROUP

END OF IF

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

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

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

        o 1 Wearing a mask helps keep me safe from coronavirus (cr070a)

        o 2 Wearing a mask helps keep others safe from coronavirus (cr070b)

        o 3 Wearing a mask is dangerous to my health (cr070c)

        o 4 Wearing a mask is a political statement (cr070d)

        o 5 Wearing a mask is not needed because I am not infected (cr070e)

        o 6 Wearing a mask is not needed when I am with other people who are healthy
        (cr070f)

```

- 7 Others may feel threatened if I cover my face (cr070g)
- 8 I keep enough distance so that I don't need a mask (cr070h)
- 9 We live in a free country and no one can force me to wear a mask (cr070i)
- 10 I would like to wear a mask, but I cannot afford to buy one (cr070j)
- 11 Wearing a mask is unnecessary because coronavirus is not a serious threat to people like me (cr070k)
- 12 A mask is too uncomfortable to wear (cr070l)

Answer options for all questions in the series are:

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

\*/

IF sizeof(cr070\_order) = 0 THEN

cr070\_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12))

END OF IF

## GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr070\_intro** (Section Behavior)

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

## SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 12

/\* Question series cr070a to cr070l are presented in random order per variables cr070\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

| END OF GROUP

END OF IF

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

/\* The question series cr016b to cr016r are presented in random order per variables cr016\_order with values; however in this survey variable cr016a, cr016c, cr016d, cr016e, cr016f, cr016h, cr016n, cr016q and cr016r have been intentionally omitted):

- 1 Washed your hands with soap or used hand sanitizer several times per day (cr016b)
- 6 Visited a doctor (cr016g)
- 9 Avoided contact with people who could be high-risk (cr016j)
- 10 Avoided public spaces, gatherings, or crowds (cr016k)
- 11 Prayed (cr016l)
- 12 Avoided eating at restaurants (cr016m)
- 14 Worked or studied at home (cr016o)
- 15 Worn a mask or other face covering (cr016p)

Answer options for all questions in the series are:

- 1 Yes
- 2 No
- 3 Unsure

\*/

IF sizeof(cr016\_order) = 0 THEN

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

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr016\_intro** (Section Behavior)

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

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

## SUBGROUP OF QUESTIONS

### LOOP FROM 1 TO 16

IF cr016\_questions(cr016\_order(cnt)) = RESPONSE THEN

/\* Question series cr016b to cr016r are presented in random order per variables cr016\_order as described above. \*/

END OF IF

END OF LOOP

## END OF SUBGROUP

## END OF GROUP

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

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

- 1 Yes
- 2 No
- 3 Unsure

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

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

- 1 Yes
- 2 No
- 3 Unsure

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

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

- 1 Wearing a face mask such as the one shown here (cr019a)
- 2 Praying (cr019b)
- 3 Washing your hands with soap or using hand sanitizer frequently (cr019c)
- 4 Seeing a doctor if you feel sick (cr019d)

- 5 Seeing a doctor if you feel healthy but worry that you were exposed (cr019e)
- 6 Avoiding public spaces, gatherings, and crowds (cr019f)
- 7 Avoiding contact with people who could be high-risk (cr019g)
- 8 Avoiding hospitals and clinics (cr019h)
- 9 Avoiding restaurants (cr019i)
- 10 Avoiding airplanes (cr019j)

Answer options for all questions in the series are:

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

\*/

IF sizeof(cr019\_order) = 0 THEN

cr019\_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr019\_intro** (Section Behavior)

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

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 10

/\* Question series cr019a to cr019j are presented in random order per variables cr019\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

END OF GROUP

```
cr020_questions := array(1 → "cr020a", 2 → "cr020b", 3 → "cr020c", 4 → "cr020d", 5 → "cr020e",
6 → "cr020f", 7 → "cr020g", 8 → "cr020h", 9 → "cr020i", 10 → "cr020j", 11 → "cr020k", 12
→ "cr020l", 13 → "cr020m")
```

/\* The question series cr020a to cr020m are presented in random order per variables cr020\_order with values:

- o 1 Grocery shopping (cr020a)
- o 2 Attending gatherings of more than 100 people (cr020b)
- o 3 Going to the hospital (cr020c)
- o 4 Dining in at restaurants (cr020d)
- o 5 Eating take-out meals from restaurants (cr020e)
- o 6 Visiting with relatives or friends in their home (cr020f)
- o 7 Handling packages that have been delivered (cr020g)
- o 8 Playing on playground equipment (cr020h)
- o 9 Touching door knobs, countertops, and other surfaces in your home (cr020i)
- o 10 Interacting closely with other members of your household (cr020j)
- o 11 Going outside to walk, hike, or exercise (cr020k)
- o 12 Eating or drinking in a place that provides table service and has implemented social distancing guidelines (cr020l)
- o 13 Curb-side pick-up of store purchases (cr020m)

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, 12 → 12, 13 → 13))
```

END OF IF

## GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr020\_intro** (Section Behavior)

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

### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 13

/\* Question series cr020a to cr020m are presented in random order per variables cr020\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

END OF GROUP

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

IF alternatwave = 1 THEN

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

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

RANGE 0..9223372036854775807

IF cr021 > 999 THEN

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

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

END OF IF

IF cr021 > 0 THEN

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

How many family and close friends 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)

How many family and close friends 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)

How many family and close friends 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 died? If so, click "Next" to continue.

**END OF IF**

**cr022c** (received vaccine how many family or close friends in section Behavior)

How many family and close friends do you think have received at least one dose of the coronavirus vaccine?



RANGE 0..9223372036854775807

IF cr022c > cr021 THEN

**cr022c\_warning** (Section Behavior)

You said you know (how many family or close friends()) people but that (received vaccine how many family or close friends()) people have received at least one dose of the coronavirus vaccine. Please go back and correct your answer(s).

ELSEIF cr022c > 999 THEN

**cr022c\_warning2** (Section Behavior)

Do you really know (received vaccine how many family or close friends()) people who have received at least one dose of the coronavirus vaccine? If so, click "Next" to continue.

END OF IF

END OF IF

END OF IF

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

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

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

RANGE 0..100

**cr\_error** (Section Corona)

Please enter a number between 0% and 100%.

#### END OF GROUP

/\* Questions cr053a to cr053f and cr054 are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, US246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260, UAS262, UAS264, UAS266, UAS268, UAS270, UAS272, UAS274, UAS276, UAS278, UAS280, UAS282, UAS340, UAS342 or UAS344. \*/

IF preload\_uas242\_244.endtime = RESPONSE THEN

```
preload_cr053a := getUASPreloadByCovidSuidBySurveySubset("cr053a", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr053b := getUASPreloadByCovidSuidBySurveySubset("cr053b", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr053c := getUASPreloadByCovidSuidBySurveySubset("cr053c", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr053d := getUASPreloadByCovidSuidBySurveySubset("cr053d", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr053e := getUASPreloadByCovidSuidBySurveySubset("cr053e", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
```

```

preload_cr053f := getUASPreloadByCovidSuidBySurveySubset("cr053f", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr054 := getUASPreloadByCovidSuidBySurveySubset("cr054", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))

```

END OF IF

## GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr023b** (chance hospitalized if get coronavirus in section Behavior)

If you do get the coronavirus, what is the percent chance you will be hospitalized (spend at least one night in the hospital) from it? If you're not sure, please give your best guess.  
RANGE 0..100

**cr\_error** (Section Corona)

Please enter a number between 0% and 100%.

END OF GROUP

/\* Questions cr055a to cr055j are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260, UAS262, UAS264, UAS266, UAS268, UAS270, UAS272, UAS274, UAS276, UAS278, UAS280, UAS282, UAS340, UAS342 or UAS344.  
\*/

IF preload\_uas242\_244\_endtime = RESPONSE THEN

```

preload_cr055a := getUASPreloadByCovidSuidBySurveySubset("cr055a", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr055b := getUASPreloadByCovidSuidBySurveySubset("cr055b", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr055c := getUASPreloadByCovidSuidBySurveySubset("cr055c", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr055d := getUASPreloadByCovidSuidBySurveySubset("cr055d", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr055e := getUASPreloadByCovidSuidBySurveySubset("cr055e", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr055f := getUASPreloadByCovidSuidBySurveySubset("cr055f", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr055g := getUASPreloadByCovidSuidBySurveySubset("cr055g", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr055h := getUASPreloadByCovidSuidBySurveySubset("cr055h", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr055i := getUASPreloadByCovidSuidBySurveySubset("cr055i", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr055j := getUASPreloadByCovidSuidBySurveySubset("cr055j", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))

```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

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

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

RANGE 0..100

**cr\_error** (Section Corona)

Please enter a number between 0% and 100%.

END OF GROUP

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

IF alternatewave = 1 THEN

cr025\_questions := array(1 → "cr025a", 2 → "cr025b", 3 → "cr025c", 4 → "cr025d")

/\* The question series cr025a to cr025d are presented in random order per variables cr025\_order with values:

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

Answer options for all questions in the series are:

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

\*/

IF sizeof(cr025\_order) = 0 THEN

cr025\_order := shuffleArray(array(1 → 1, 2 → 2, 3 → 3, 4 → 4))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr025\_intro** (Section Behavior)

Do you agree or disagree with the following statements?

Childhood vaccines, such as those for measles and chickenpox:

**SUBGROUP OF QUESTIONS**

LOOP FROM 1 TO 4

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

END OF LOOP

**END OF SUBGROUP**

**END OF GROUP**

preload\_cr075 := getUASPreloadByCovidSuidBySurveySubset("cr075", array(340,342,344,347))

**IF preload\_cr075 = 1 THEN**

preload\_cr092 := getUASPreloadByCovidSuidBySurveySubset("cr092", array(342,344,347))

**IF preload\_cr092 = 1 THEN**

cr092 := preload\_cr092

**ELSE**

**cr092** (confirmation gotten vaccinated for the coronavirus in section Behavior)  
You previously told us that you got vaccinated for the coronavirus. Is this correct?  
1 Yes  
2 No  
3 Unsure

**END OF IF**

**IF cr092 = 1 THEN**

cr075 := 1

**ELSE**

**cr075** (gotten vaccinated for the coronavirus in section Behavior)  
Have you gotten vaccinated for the coronavirus?  
1 Yes  
2 No  
3 Unsure

**END OF IF**

ELSE

**cr075** (gotten vaccinated for the coronavirus in section Behavior)

Have you gotten vaccinated for the coronavirus?

1 Yes

2 No

3 Unsure

END OF IF

IF cr075 = 1 THEN

preload\_cr081 := getUASPreloadByCovidSuidBySurveySubset("cr081", array(340,342,344))

preload\_cr081\_other := getUASPreloadByCovidSuidBySurveySubset("cr081\_other", array(340,342,344))

IF preload\_cr081 = RESPONSE AND preload\_cr081 != 99 THEN

preload\_cr093 := getUASPreloadByCovidSuidBySurveySubset("cr093", array(342,344))

IF preload\_cr093 = 1 THEN

cr093 := preload\_cr093

ELSE

Fill code of question FL\_cr093 executed

**cr093** (confirmation type vaccine in section Behavior)

You previously told us that you received the (^preload\_cr081/^preload\_cr081\_other) vaccine. Is this correct?

1 Yes

2 No

3 Unsure

END OF IF

IF cr093 = 1 THEN

cr081 := preload\_cr081

cr081\_other := preload\_cr081\_other

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr081** (which vaccine in section Corona)

Which coronavirus vaccine did you receive?

1 Pfizer

2 Moderna

3 Johnson and Johnson

98 Other, please specify:

```

99 Unsure

cr081_other (other which vaccine in section Corona)
STRING

END OF GROUP
END OF IF
ELSE
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr081 (which vaccine in section Corona)
Which coronavirus vaccine did you receive?
1 Pfizer
2 Moderna
3 Johnson and Johnson
98 Other, please specify:
99 Unsure

cr081_other (other which vaccine in section Corona)
STRING

END OF GROUP
END OF IF

IF cr081 IN (98,99) THEN
preload_cr091 := getUASPreloadByCovidSuidBySurveySubset("cr091", array(340,342,344))

IF preload_cr091 = RESPONSE THEN
preload_cr094 := getUASPreloadByCovidSuidBySurveySubset("cr094", array(342,344))

IF preload_cr094 = 1 THEN
cr094 := preload_cr094
ELSE
cr094 (confirmation number of doses in section Behavior)
You previously told us that this vaccine requires (previous survey other vaccine how many doses()) doses. Is this correct?
1 Yes
2 No
3 Unsure
END OF IF

```

```

IF cr094 = 1 THEN
  cr091 := preload_cr091
ELSE
  cr091 (other vaccine how many doses in section Corona)
  How many doses (injections) does this vaccine require?
  1 1
  2 2
  3 3 or more
END OF IF
ELSE
  cr091 (other vaccine how many doses in section Corona)
  How many doses (injections) does this vaccine require?
  1 1
  2 2
  3 3 or more
END OF IF
END OF IF

preload_cr076 := getUASPreloadByCovidSuidBySurveySubset("cr076", array(340,342,344))

IF preload_cr076 = RESPONSE THEN
  preload_cr095 := getUASPreloadByCovidSuidBySurveySubset("cr095", array(342,344))

  IF preload_cr095 = 1 AND ((preload_cr076 = 2 AND preload_cr081 IN (1,2)) OR (preload_cr076 = 1 AND preload_cr081 = 3)) THEN
    cr095 := preload_cr095
  ELSE
    Fill code of question FL_cr076 executed

    cr095 (confirmation gotten number of doses in section Behavior)
    You previously told us that you had received (^preload_cr076 doses/^preload_cr076 dose) of the coronavirus vaccine. Is this still correct?
    1 Yes
    2 No
    3 Unsure
  END OF IF

  IF cr095 = 1 THEN
    cr076 := preload_cr076
  ELSE

```

```

cr076 (how many doses received in section Behavior)
Some coronavirus vaccines require two doses (injections) spaced several weeks
apart. How many doses of the coronavirus vaccine have you received?
0 0
1 1
2 2
3 3 or more
END OF IF
ELSE
cr076 (how many doses received in section Behavior)
Some coronavirus vaccines require two doses (injections) spaced several weeks
apart. How many doses of the coronavirus vaccine have you received?
0 0
1 1
2 2
3 3 or more
END OF IF

IF cr076 = RESPONSE AND cr076 < 1 THEN
cr076.warning (Section Behavior)
You said you were vaccinated but received zero doses. Please go back and correct
your answers
END OF IF

IF cr076 > 0 THEN
preload_cr082_month      :=      getUASPreloadByCovidSuidBySurveySub-
set("cr082_month", array(340,342,344))
preload_cr082_day      :=      getUASPreloadByCovidSuidBySurveySubset("cr082_day",
array(340,342,344))

IF preload_cr082_month = RESPONSE AND preload_cr082_day = RESPONSE
THEN
preload_cr096      :=      getUASPreloadByCovidSuidBySurveySubset("cr096", ar-
ray(342,344))

IF preload_cr096 = 1 THEN
| cr096 := preload_cr096
ELSE
cr096 (confirmation when gotten first dose in section Behavior)
You previously told us that you received your first dose of the coronavirus vaccine
on (previous survey month first dose()) (previous survey day first dose()). Is this
correct?
1 Yes

```



- 2 No
- 3 Unsure

END OF IF

IF cr096 = 1 THEN

cr082\_month := preload\_cr082\_month  
cr082\_day := preload\_cr082\_day

ELSE

cr082\_month := preload\_cr082\_month  
cr082\_day := preload\_cr082\_day

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

**cr082\_month** (month first dose in section Corona)  
When did you receive your **first** dose of the coronavirus vaccine?  
1 January  
2 February  
3 March  
4 April  
5 May  
6 June  
7 July  
8 August  
9 September  
10 October  
11 November  
12 December

**cr082\_day** (day first dose in section Corona)  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
10 10  
11 11  
12 12  
13 13  
14 14  
15 15

16 16  
17 17  
18 18  
19 19  
20 20  
21 21  
22 22  
23 23  
24 24  
25 25  
26 26  
27 27  
28 28  
29 29  
30 30  
31 31

END OF GROUP

END OF IF

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr082.month** (month first dose in section Corona)

When did you receive your **first** dose of the coronavirus vaccine?

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

**cr082.day** (day first dose in section Corona)

1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7

```

8 8
9 9
10 10
11 11
12 12
13 13
14 14
15 15
16 16
17 17
18 18
19 19
20 20
21 21
22 22
23 23
24 24
25 25
26 26
27 27
28 28
29 29
30 30
31 31

END OF GROUP
END OF IF
END OF IF

IF cr076 > 1 THEN
    preload_cr083_month := getUASPreloadByCovidSuidBySurveySubset("cr083_month", array(340,342,344))
    preload_cr083_day := getUASPreloadByCovidSuidBySurveySubset("cr083_day", array(340,342,344))

    IF preload_cr083_month = RESPONSE AND preload_cr083_day = RESPONSE THEN
        preload_cr097 := getUASPreloadByCovidSuidBySurveySubset("cr097", array(342,344))

        IF preload_cr097 = 1 THEN
            cr097 := preload_cr097
        ELSE

```

**cr097** (confirmation when gotten second dose in section Behavior)

You previously told us that you received your **second** dose of the coronavirus vaccine on (previous survey month second dose()) (previous survey day second dose()). Is this correct?

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

IF cr097 = 1 THEN

cr083\_month := preload\_cr083\_month

cr083\_day := preload\_cr083\_day

ELSE

cr083\_month := preload\_cr083\_month

cr083\_day := preload\_cr083\_day

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

**cr083\_month** (month second dose in section Corona)

When did you receive your **second** dose of the coronavirus vaccine?

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

**cr083\_day** (day second dose in section Corona)

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

11 11  
12 12  
13 13  
14 14  
15 15  
16 16  
17 17  
18 18  
19 19  
20 20  
21 21  
22 22  
23 23  
24 24  
25 25  
26 26  
27 27  
28 28  
29 29  
30 30  
31 31

END OF GROUP

END OF IF

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr083.month** (month second dose in section Corona)

When did you receive your **second** dose of the coronavirus vaccine?

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

**cr083.day** (day second dose in section Corona)

- 1 1
- 2 2

3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
10 10  
11 11  
12 12  
13 13  
14 14  
15 15  
16 16  
17 17  
18 18  
19 19  
20 20  
21 21  
22 22  
23 23  
24 24  
25 25  
26 26  
27 27  
28 28  
29 29  
30 30  
31 31

END OF GROUP

END OF IF

ELSEIF cr076 = 1 AND (cr081 IN (1,2) OR (cr081 IN (98,99) AND cr091 > 1)) THEN

**cr077** (how likely receive second dose of coronavirus vaccine in section Behavior)

How likely are you to receive the second dose of the coronavirus vaccine once enough time has passed since your first dose?

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

END OF IF

IF cr076 > 0 THEN

```
/* The answer options in cr098 are presented in random order per variables  
cr098_order with values:
```

- o 1 Pain near the injection
- o 2 Redness near the injection
- o 3 Swelling near the injection
- o 4 Tiredness
- o 5 Headache
- o 6 Muscle pain
- o 7 Chills
- o 8 Fever
- o 9 Nausea
- o 10 I did not experience side effects

```
*/
```

```
IF sizeof(cr098_order) = 0 THEN
```

```
  cr098_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8  
  →8, 9 →9))  
  cr098_order(10) := 10
```

```
END OF IF
```

**cr098** (side effects first dose in section Behavior)

Did you experience any of the following side effects in the days after you received your **first** dose of the coronavirus vaccine? Please mark all that apply.

- 1 Pain near the injection
- 2 Redness near the injection
- 3 Swelling near the injection
- 4 Tiredness
- 5 Headache
- 6 Muscle pain
- 7 Chills
- 8 Fever
- 9 Nausea
- 10 I did not experience side effects

```
IF cr098 = RESPONSE AND cr098 != NONE THEN
```

**cr099** (miss work, school, or any other activities because of first dose side effects in section Behavior)

Did you miss work, school, or any other activities because of these side effects?

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

END OF IF

IF cr076 > 1 THEN

/\* The answer options in cr100 are presented in random order per variables cr100\_order with values:

- o 1 Pain near the injection
- o 2 Redness near the injection
- o 3 Swelling near the injection
- o 4 Tiredness
- o 5 Headache
- o 6 Muscle pain
- o 7 Chills
- o 8 Fever
- o 9 Nausea
- o 10 I did not experience side effects

\*/

IF sizeof(cr100\_order) = 0 THEN

| cr100\_order := cr098\_order

END OF IF

**cr100** (side effects second dose in section Behavior)

Did you experience any of the following side effects in the days after you received your **second** dose of the coronavirus vaccine? Please mark all that apply.

- 1 Pain near the injection
- 2 Redness near the injection
- 3 Swelling near the injection
- 4 Tiredness
- 5 Headache
- 6 Muscle pain



7 Chills  
8 Fever  
9 Nausea  
10 I did not experience side effects

**IF cr100 = RESPONSE AND cr100 != NONE THEN**

**cr101** (miss work, school, or any other activities because of second dose side effects in section Behavior)

Did you miss work, school, or any other activities because of these side effects?

1 Yes  
2 No  
3 Unsure

**END OF IF**

**END OF IF**

**ELSEIF cr075 = 2 OR cr075 = EMPTY THEN**

**cr078** (coronavirus vaccine currently available for people like you in your community in section Behavior)

Is the coronavirus vaccine currently available for people like you in your community?

1 Yes  
2 No  
3 Unsure

**END OF IF**

**IF cr075 IN (2,3) THEN**

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

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

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

**END OF IF**

cr072\_questions := array(1 → "cr072a", 2 → "cr072b", 3 → "cr072c", 4 → "cr072d")

*/\* The question series cr072a to cr072d are presented in random order per variables cr072\_order with values:*

- o 1 1 Have many known harmful side effects (cr072a)*
- o 2 Provide important benefits to society (cr072b)*
- o 3 May lead to illness and death (cr072c)*

- o 4 Are useful and effective (cr072d)

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(cr072\_order) = 0 THEN

| cr072\_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))

END OF IF

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

**cr072\_intro** (Section Behavior)

Do you agree or disagree with the following statements?

Vaccines for the coronavirus (COVID-19):

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 4

| /\* Question series cr072a to cr072d are presented in random order per variables  
| cr072\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

END OF GROUP

IF cr075 IN (2,3) THEN

**cr084** (tried to get vaccine in section Corona)

**Since** (^FLDateEarlierSurvey/December 1, 2020), have you actively **tried** to get the coronavirus vaccine for yourself?

- 1 Yes
- 2 No
- 3 Unsure

IF cr084 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr085** (steps taken to try and get vaccine in section Corona)

What steps did you take to try to get the coronavirus vaccine? Please mark all that apply.

- 1 I tried to schedule a vaccine appointment.
- 2 I visited a vaccine provider without an appointment.
- 3 Other, please specify:

**cr085.other** (other steps taken to try and get vaccine in section Corona)

STRING

END OF GROUP

IF 1 IN cr085 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr086** (why unable to schedule appointment in section Corona)

What was the outcome when you tried to schedule an appointment? Please mark all that apply.

- 1 There were no appointments available.
- 2 The available appointments did not work for my schedule.
- 3 I was told I am not eligible.
- 4 I had trouble understanding the system.
- 5 I had technical issues.
- 6 I was able to schedule an appointment but I missed my appointment.
- 7 Other, please specify:

**cr086.other** (other why unable to schedule appointment in section Corona)

STRING

END OF GROUP

END OF IF

IF 2 IN cr085 THEN

Fill code of question FL\_cr087 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr087** (why unable to get vaccine without appointment in section Corona)

What was the outcome when you visited a vaccine provider without an appointment? Please mark all that apply.

- 1 There were no walk-in vaccinations available.
- 2 The wait time was too long.

3 I was told I am not eligible.  
4 Other, please specify:

**cr087.other** (other why unable to get vaccine without appointment in section Corona)  
STRING

END OF GROUP

END OF IF

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr088** (why not tried to get vaccine in section Corona)  
Why haven't you tried to get the vaccine **since** (^FLDateEarlierSurvey/December 1, 2020)? Please mark all that apply.

- 1 I don't want to get vaccinated.
- 2 I don't know how to schedule an appointment.
- 3 I don't know where to go for the vaccine.
- 4 I am waiting for a vaccine provider to contact me.
- 5 The vaccine providers are too far away.
- 6 There is a vaccine shortage in my community.
- 7 I don't have access to transportation.
- 8 I don't have access to a phone or computer.
- 9 I don't have time.
- 10 I am physically unable to travel.
- 11 I believe the vaccine is not effective.
- 12 I believe the vaccine is unsafe.
- 13 I don't need the vaccine.
- 14 The vaccine is not available in my community for people like me.
- 15 Other, please specify:

**cr088.other** (other why not tried to get vaccine in section Corona)  
STRING

END OF GROUP

END OF IF

END OF IF

**cr073** (chance someone vaccinated against coronavirus still catch it in section Behavior)

On a scale of 0 to 100, what is the percent chance that someone who is vaccinated against the coronavirus could still catch it? If you're not sure, please give your best guess.

RANGE 0..100

**cr074** (chance coronavirus vaccine will cause serious side effects in section Behavior)

On a scale of 0 to 100, what is the percent chance that a coronavirus vaccine will cause serious side effects or long-term health problems for someone who has been vaccinated? If you are unsure, please give your best guess.

RANGE 0..100

**ucv005** (trust in vaccine manufacturing process in section Ucla\_vaccine)

How much do you trust the process in general (not just for COVID-19) to develop safe vaccines for the public?

- 1 Fully trust
- 2 Mostly trust
- 3 Somewhat trust
- 4 Do not trust

**cr089** (trust in child vaccine manufacturing process in section Corona)

How much do you trust the process in general (not just for COVID-19) to develop safe vaccines **for children**?

- 1 Fully trust
- 2 Mostly trust
- 3 Somewhat trust
- 4 Do not trust

**ucv006** (trust in governmental approval process in section Ucla\_vaccine)

How much do you trust the governmental approval process to ensure the COVID-19 vaccine is safe for the public?

- 1 Fully trust
- 2 Mostly trust
- 3 Somewhat trust
- 4 Do not trust

**cr090** (trust in children governmental approval process in section Corona)

How much do you trust the governmental approval process to ensure a COVID-19 vaccine is safe **for children**?

- 1 Fully trust
- 2 Mostly trust
- 3 Somewhat trust
- 4 Do not trust

END OF IF

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

IF alternatwave = 1 THEN

```
cr031_questions := array(1 → "cr031a", 2 → "cr031b", 3 → "cr031c", 4 → "cr031d")
```

```
/* The question series cr031a to cr031d are presented in random order per variables cr031_order with values:
```

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

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

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

```
*/
```

```
IF sizeof(cr031_order) = 0 THEN
```

```
  cr031_order := shuffleArray(array(1 → 1, 2 → 2, 3 → 3, 4 → 4))
```

```
END OF IF
```

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

```
cr031_intro (Section Behavior)
```

```
Do you agree or disagree with the following statements?
```

#### SUBGROUP OF QUESTIONS

```
LOOP FROM 1 TO 4
```

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

```
END OF LOOP
```

```
END OF SUBGROUP
```

| END OF GROUP

END OF IF

```
cr066_questions := array(1 → "cr066a", 2 → "cr066b", 3 → "cr066c", 4 → "cr066d", 5 → "cr066e",  
6 → "cr066f", 7 → "cr066g", 8 → "cr066h", 9 → "cr066i", 10 → "cr066j", 11 → "cr066k", 12  
→ "cr066l", 13 → "cr066m", 14 → "cr066n", 15 → "cr066o", 16 → "cr066p", 17 → "cr066r", 18  
→ "cr066s", 19 → "cr066t", 20 → "cr066v", 21 → "cr066w", 22 → "cr066y")
```

/\* The question series cr066a to cr066v are presented in random order per variables cr066\_order with values:

- 1 Local public health officials such as officials from your county health department (cr066a)
- 2 The US Department of Health and Human Services (HHS) (cr066b)
- 3 The Centers for Disease Control and Prevention (CDC) (cr066c)
- 4 The World Health Organization (WHO) (cr066d)
- 5 Your contacts on social media (Facebook, Twitter, etc.) (cr066e)
- 6 Your close friends and members of your family (cr066f)
- 7 Your coworkers, classmates, or other (cr066g) acquaintances (cr066g)
- 8 Your physician (cr066h)
- 9 Public television and radio (cr066i)
- 10 Fox News (cr066j)
- 11 CNN (cr066k)
- 12 MSNBC (cr066l)
- 13 NBC News (cr066m)
- 14 CBS News (cr066n)
- 15 ABC News (cr066o)
- 16 Your local newspaper (cr066p)
- 17 National newspapers such as the New York Times, Washington Post, and USA Today (cr066r)
- 18 Your local TV news (cr066s)
- 19 Former President-Elect Biden (cr066t)
- 20 Former Vice President Pence (cr066v)

- o 21 President-Elect Biden (cr066w)
- o 22 Vice President Elect Harris (cr066y)

Answer options for all questions in the series are:

- o 1 Do not trust at all
- o 2 Trust somewhat
- o 3 Trust mostly
- o 4 Trust completely

\*/

IF sizeof(cr066\_order) = 0 THEN

cr066\_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, 19 →19, 20 →20, 21 →21, 22 →22))

END OF IF

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

**cr066\_intro** (Section Behavior)

**How much do you trust** the following sources of information about the coronavirus (COVID-19):

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 11

/\* Question series cr066a to cr066v are presented in random order per variables cr066\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

END OF GROUP

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

**cr066\_intro** (Section Behavior)

**How much do you trust** the following sources of information about the coronavirus (COVID-19):



## SUBGROUP OF QUESTIONS

### LOOP FROM 12 TO 22

/\* Question series cr066a to cr066v are presented in random order per variables cr066\_order as described above. \*/

### END OF LOOP

## END OF SUBGROUP

## END OF GROUP

```
cr013_questions := array(1 → "cr013a", 2 → "cr013b", 3 → "cr013c", 4 → "cr013d", 5 → "cr013e",  
6 → "cr013f", 7 → "cr013g", 8 → "cr013h", 9 → "cr013i", 10 → "cr013j", 11 → "cr013k", 12  
→ "cr013l", 13 → "cr013m", 14 → "cr013n", 15 → "cr013o", 16 → "cr013p", 17 → "cr013r", 18  
→ "cr013s", 19 → "cr013t", 20 → "cr013v", 21 → "cr013w", 22 → "cr013y")
```

/\* The question series cr013a to cr013v are presented in random order per variables cr013\_order with values:

- 1 Local public health officials such as officials from your county health department (cr013a)
- 2 The US Department of Health and Human Services (HHS) (cr013b)
- 3 The Centers for Disease Control and Prevention (CDC) (cr013c)
- 4 The World Health Organization (WHO) (cr013d)
- 5 Your contacts on social media (Facebook, Twitter, etc.) (cr013e)
- 6 Your close friends and members of your family (cr013f)
- 7 Your coworkers, classmates, or other acquaintances (cr013g)
- 8 Your physician (cr013h)
- 9 Public television and radio (cr013i)
- 10 Fox News (cr013j)
- 11 CNN (cr013k)
- 12 MSNBC (cr013l)
- 13 NBC News (cr013m)
- 14 CBS News (cr013n)
- 15 ABC News (cr013o)

- 16 Your local newspaper (cr013p)
- 17 National newspapers such as the New York Times, Washington Post, and USA Today (cr013r)
- 18 Your local TV news (cr013s)
- 19 Former President-Elect Biden (cr013t)
- 20 Former Vice President Pence (cr013v)
- 21 President-Elect Biden (cr013w)
- 22 Vice President Elect Harris (cr013y)

The order used is the same as for the cr066 question series.

Answer options for all questions in the series are:

- 1 Yes
- 2 No

\*/

```

IF sizeof(cr013_order) = 0 THEN
  IF sizeof(cr066_order) = 0 THEN
    cr013_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, 19 →19, 20 →20, 21 →21, 22 →22))
  ELSE
    cr013_order := cr066_order
  END OF IF
END OF IF

```

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

**cr013\_intro** (Section Corona)

Which of the following information sources have you used to learn about the coronavirus in the **past 7 days**?

#### SUBGROUP OF QUESTIONS

```

LOOP FROM 1 TO 11

```

```

  /* Question series cr013a to cr013v are presented in random order per variables
  cr013_order as described above. */

```

| | END OF LOOP

| END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr013\_intro** (Section Corona)

Which of the following information sources have you used to learn about the coronavirus in the past 7 days?

SUBGROUP OF QUESTIONS

| LOOP FROM 12 TO 22

| /\* Question series cr013a to cr013v are presented in random order per variables cr013\_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)

- 7 Connected socially with friends or family (either online or in person) (cr026g)
- 8 Spent time posting or browsing on Facebook, Twitter, Instagram, or Snapchat (cr026h)
- 9 Had a phone call or video call with a family member or a friend (cr026i)
- 10 Messaged or emailed with a family member or friend (cr026j)
- 11 Spent time interacting with a family member or friend in person (cr026k)
- 12 Smoked all or part of a cigarette (cr026l)
- 13 Used an e-cigarette or vaping device to vape e-liquids with nicotine (cr026m)

Answer options for all questions in the series are:

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

\*/

IF sizeof(cr026\_order) = 0 THEN

cr026\_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr026\_intro** (Section Abuse)

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

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 7

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

```
END OF LOOP
```

```
END OF SUBGROUP
```

```
END OF GROUP
```

```
/* Questions cr056a to cr056i and cr056i.other are preloaded here and only asked later  
in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248,  
UAS250, UAS252, UAS254, UAS256, UAS258, UAS260 UAS262, UAS264, UAS266, UAS268,  
UAS270, UAS272, UAS274, UAS276, UAS278, UAS280, UAS282, UAS340, UAS342 or  
UAS344. */
```

```
IF preload_uas242_244_endtime = RESPONSE THEN
```

```
preload_cr056a := getUASPreloadByCovidSuidBySurveySubset("cr056a", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr056b := getUASPreloadByCovidSuidBySurveySubset("cr056b", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr056c := getUASPreloadByCovidSuidBySurveySubset("cr056c", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr056d := getUASPreloadByCovidSuidBySurveySubset("cr056d", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr056e := getUASPreloadByCovidSuidBySurveySubset("cr056e", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr056f := getUASPreloadByCovidSuidBySurveySubset("cr056f", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr056g := getUASPreloadByCovidSuidBySurveySubset("cr056g", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr056h := getUASPreloadByCovidSuidBySurveySubset("cr056h", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr056i := getUASPreloadByCovidSuidBySurveySubset("cr056i", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))  
preload_cr056i_other := getUASPreloadByCovidSuidBySurveySubset("cr056i.other", ar-  
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
```

```
END OF IF
```

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

```
cr026_intro (Section Abuse)
```

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

```
SUBGROUP OF QUESTIONS
```

```

LOOP FROM 8 TO 13

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

END OF LOOP

END OF SUBGROUP

END OF GROUP

IF cr026a > 0 THEN
  cr026a2 (how many alcoholic drinks on typical day in section Abuse)
  In the past seven days, how many alcoholic drinks did you have on a typical day when
  you drank alcohol?
  RANGE 1..30

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

  IF alternatwave = 1 THEN
    IF gender = EMPTY THEN
      gender (R GENDER in section Demographics)
      What is your gender?
      1 Male
      2 Female
    END OF IF

    IF gender = 1 THEN
      cr050m (male 5 or more alcoholic beverages within a couple of hours in section
      Abuse)
      In the past seven days, on how many days did you drink 5 or more alcoholic
      beverages within a couple of hours?

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

```

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

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

0 0 days

1 1 day

2 2 days

3 3 days

4 4 days

5 5 days

6 6 days

7 7 days

END OF IF

END OF IF

END OF IF

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

**cr027\_intro** (Section Abuse)

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

#### SUBGROUP OF QUESTIONS

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

Feeling nervous, anxious, or on edge

1 Not at all

2 Several days

3 More than half the days

4 Nearly every day

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

Not being able to stop or control worrying

1 Not at all

2 Several days

3 More than half the days

4 Nearly every day

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

Feeling down, depressed, or hopeless

1 Not at all

2 Several days

3 More than half the days

4 Nearly every day

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

Little interest or pleasure in doing things

1 Not at all

2 Several days

3 More than half the days

4 Nearly every day

END OF SUBGROUP

END OF GROUP

/\* Questions cr057a to cr057i are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260, UAS262, UAS264, UAS266, UAS268, UAS270, UAS272, UAS274, UAS276, UAS278, UAS280, UAS282, UAS340, UAS342 or UAS344.

\*/

IF preload\_uas242\_244\_endtime = RESPONSE THEN

```
preload_cr057a := getUASPreloadByCovidSuidBySurveySubset("cr057a", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr057b := getUASPreloadByCovidSuidBySurveySubset("cr057b", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr057c := getUASPreloadByCovidSuidBySurveySubset("cr057c", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr057d := getUASPreloadByCovidSuidBySurveySubset("cr057d", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr057e := getUASPreloadByCovidSuidBySurveySubset("cr057e", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr057f := getUASPreloadByCovidSuidBySurveySubset("cr057f", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr057g := getUASPreloadByCovidSuidBySurveySubset("cr057g", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr057h := getUASPreloadByCovidSuidBySurveySubset("cr057h", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_cr057i := getUASPreloadByCovidSuidBySurveySubset("cr057i", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr028\_intro** (Section Abuse)

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



#### SUBGROUP OF QUESTIONS

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

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

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

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

Confident about your ability to handle personal problems?

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

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

That things were going your way?

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

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

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

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

#### END OF SUBGROUP

#### END OF GROUP

IF preload\_cr053a = EMPTY AND preload\_cr053b = EMPTY AND preload\_cr053c = EMPTY  
AND preload\_cr053d = EMPTY AND preload\_cr053e = EMPTY AND preload\_cr053f =  
EMPTY THEN

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

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

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

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

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

```
*/
```

```
IF sizeof(cr053_order) = 0 THEN
```

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

```
END OF IF
```

## GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr053\_intro** (Section Abuse)

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

## SUBGROUP OF QUESTIONS

```
LOOP FROM 1 TO 6
```

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

```

| | END OF LOOP
| END OF SUBGROUP
| END OF GROUP
ELSE
  cr053a := preload_cr053a
  cr053b := preload_cr053b
  cr053c := preload_cr053c
  cr053d := preload_cr053d
  cr053e := preload_cr053e
  cr053f := preload_cr053f
END OF IF

IF preload_cr054 = EMPTY THEN
  /* The answer options in cr054 are presented in random order per variables cr054_order
  with values:
    ◦ 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
    ◦ 11 None of the above
  Note: answer options 9 to 11 are always presented last. */
  IF sizeof(cr054_order) = 0 THEN
    cr054_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8))
    cr054_order(9) := 9
    cr054_order(10) := 10
    cr054_order(11) := 11

```

END OF IF

**cr054** (doctor told medical conditions in section Abuse)

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

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

ELSE

cr054 := preload\_cr054

END OF IF

IF preload\_cr056a = EMPTY AND preload\_cr056b = EMPTY AND preload\_cr056c = EMPTY AND preload\_cr056d = EMPTY AND preload\_cr056e = EMPTY AND preload\_cr056f = EMPTY AND preload\_cr056g = EMPTY AND preload\_cr056h = EMPTY AND preload\_cr056i = EMPTY THEN

cr056\_questions := array(1 → "cr056a", 2 → "cr056b", 3 → "cr056c", 4 → "cr056d", 5 → "cr056e", 6 → "cr056f", 7 → "cr056g", 8 → "cr056h", 9 → "cr056i")

/\* The question series cr056a to cr056i are presented in random order per variables cr056\_order with values:

- 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)

Answer options for all questions in the series are:

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

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

IF sizeof(cr056\_order) = 0 THEN

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

END OF IF

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

**cr056\_intro** (Section Abuse)

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

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 9

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

END OF LOOP

#### END OF SUBGROUP

**cr056i\_other** (specify other mental issue in section Abuse)

STRING

#### END OF GROUP

ELSE

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

| cr056i\_other := preload\_cr056i\_other

END OF IF

IF preload\_cr054 = EMPTY THEN

IF 1 IN cr054 THEN

**cr055a** (since when diabetes in section Abuse)

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

1 Before March 10, 2020

2 After March 10, 2020

3 Unsure

END OF IF

IF 2 IN cr054 THEN

**cr055b** (since when cancer (other than skin cancer) in section Abuse)

Did the doctor or other health professional first say that you have **cancer (other than skin cancer)** before or after March 10, 2020?

1 Before March 10, 2020

2 After March 10, 2020

3 Unsure

END OF IF

IF 3 IN cr054 THEN

**cr055c** (since when heart disease in section Abuse)

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

1 Before March 10, 2020

2 After March 10, 2020

3 Unsure

END OF IF

IF 4 IN cr054 THEN

**cr055d** (since when high blood pressure in section Abuse)

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

1 Before March 10, 2020

2 After March 10, 2020

3 Unsure

END OF IF

IF 5 IN cr054 THEN

**cr055e** (since when asthma in section Abuse)

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

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

END OF IF

IF 6 IN cr054 THEN

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

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

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

END OF IF

IF 7 IN cr054 THEN

**cr055g** (since when kidney disease in section Abuse)

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

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

END OF IF

IF 8 IN cr054 THEN

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

Did the doctor or other health professional first say that you have **an autoimmune disorder such as rheumatoid arthritis or Crohn's disease** before or after March 10, 2020?

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

END OF IF

IF 9 IN cr054 THEN

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

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

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

| 3 Unsure

END OF IF

IF 10 IN cr054 THEN

| **cr055j** (since when obesity in section Abuse)

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

| 1 Before March 10, 2020

| 2 After March 10, 2020

| 3 Unsure

END OF IF

ELSE

| cr055a := preload\_cr055a

| cr055b := preload\_cr055b

| cr055c := preload\_cr055c

| cr055d := preload\_cr055d

| cr055e := preload\_cr055e

| cr055f := preload\_cr055f

| cr055g := preload\_cr055g

| cr055h := preload\_cr055h

| cr055i := preload\_cr055i

| cr055j := preload\_cr055j

END OF IF

IF preload\_cr056a = EMPTY AND preload\_cr056b = EMPTY AND preload\_cr056c = EMPTY  
AND preload\_cr056d = EMPTY AND preload\_cr056e = EMPTY AND preload\_cr056f =  
EMPTY AND preload\_cr056g = EMPTY AND preload\_cr056h = EMPTY AND preload\_cr056i  
= EMPTY THEN

LOOP FROM 1 TO 10

| IF cr056\_order(cnt) = 1 AND cr056a = 1 THEN

| | **cr057a** (since when an anxiety disorder in section Abuse)

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

| | 1 Before March 10, 2020

| | 2 After March 10, 2020

| | 3 Unsure

| ELSEIF cr056\_order(cnt) = 2 AND cr056b = 1 THEN

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

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



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

ELSEIF cr056\_order(cnt) = 3 AND cr056c = 1 THEN

- cr057c** (since when bipolar disorder in section Abuse)  
Did the doctor or other health professional first say that you have **bipolar disorder** before or after March 10, 2020?
- 1 Before March 10, 2020
  - 2 After March 10, 2020
  - 3 Unsure

ELSEIF cr056\_order(cnt) = 4 AND cr056d = 1 THEN

- cr057d** (since when an eating disorder in section Abuse)  
Did the doctor or other health professional first say that you have **an eating disorder** before or after March 10, 2020?
- 1 Before March 10, 2020
  - 2 After March 10, 2020
  - 3 Unsure

ELSEIF cr056\_order(cnt) = 5 AND cr056e = 1 THEN

- cr057e** (since when depression or another depressive disorder in section Abuse)  
Did the doctor or other health professional first say that you have **depression or another depressive disorder** before or after March 10, 2020?
- 1 Before March 10, 2020
  - 2 After March 10, 2020
  - 3 Unsure

ELSEIF cr056\_order(cnt) = 6 AND cr056f = 1 THEN

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

ELSEIF cr056\_order(cnt) = 7 AND cr056g = 1 THEN

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

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

ELSEIF cr056\_order(cnt) = 8 AND cr056h = 1 THEN

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

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

ELSEIF cr056\_order(cnt) = 9 AND cr056i = 1 THEN

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

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

END OF IF

END OF LOOP

ELSE

cr057a := preload\_cr057a  
cr057b := preload\_cr057b  
cr057c := preload\_cr057c  
cr057d := preload\_cr057d  
cr057e := preload\_cr057e  
cr057f := preload\_cr057f  
cr057g := preload\_cr057g  
cr057h := preload\_cr057h  
cr057i := preload\_cr057i

END OF IF

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

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

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

**cr071** (current weight in section Behavior)

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

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

RANGE 50..400

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

IF alternatwave = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr059\_intro** (Section Abuse)

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

SUBGROUP OF QUESTIONS

**cr059a** (An in-person appointment in section Abuse)

An in-person appointment

- 1 Yes
- 2 No
- 3 Unsure

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

A live video, phone, or chat interaction

- 1 Yes
- 2 No
- 3 Unsure

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

Non-live communication (such as by email)

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr067\_intro** (Section Abuse)

Since ('FLDateEarlierSurvey/March 2020'), how often have any of the following things happened to you in your day-to-day life because of your actual or perceived race,

ethnicity, age, gender, health, income, education, religion, or some other personal characteristic?

#### SUBGROUP OF QUESTIONS

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

You were treated with less courtesy or respect than other people

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

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

You received poorer service than other people at restaurants or stores

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

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

People acted as if they thought you were not smart

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

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

People acted as if they were afraid of you

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

**cr067e** (You were threatened or harassed in section Abuse)

You were threatened or harassed

- 1 Almost every day
- 2 At least once a week
- 3 A few times a month
- 4 Once a month or less

```

| 5 Never
|
| END OF SUBGROUP
|
| END OF GROUP
|
| IF cr067a IN (1,2,3,4) OR cr067b IN (1,2,3,4) OR cr067c IN (1,2,3,4) OR cr067d
| IN (1,2,3,4) OR cr067e IN (1,2,3,4) THEN
|   /* The answer options for cr068 are presented in random order per variables cr068_order
|   with values:
|
|     o 1 Your ancestry, ethnicity, or national origin
|
|     o 2 Your gender
|
|     o 3 Your race
|
|     o 4 Your shade of skin color
|
|     o 5 Your age
|
|     o 6 Your religion
|
|     o 7 Your height
|
|     o 8 Your weight
|
|     o 9 Some other aspect of your physical appearance
|
|     o 10 Your sexual orientation
|
|     o 11 Your education or income level
|
|     o 12 A physical disability
|
|     o 13 Your physical health (or perceived physical health)
|
|     o 14 Your mental health (or perceived mental health)
|
|     o 15 Other
|
|   Note: the 'Other' option is always presented last. */
|
| IF sizeof(cr068_order) = 0 THEN
|   cr068_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8
|   →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13, 14 →14))
|   cr068_order(15) := 15
| END OF IF

```

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

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

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

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

**cr068\_other** (other main reason for poor treatment experiences in section Abuse)

STRING

#### END OF GROUP

#### END OF IF

```
cr029_questions := array(1 → "cr029a", 2 → "cr029b", 3 → "cr029c", 4 → "cr029d")
```

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

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

Answer options for all questions in the series are:

- 1 Yes
- 2 No
- 3 Unsure

```

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

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr029_intro (Section Abuse)
Have any of the following things happened to you due to people thinking you might
have the coronavirus( since ^FLDateEarlierSurvey)?

SUBGROUP OF QUESTIONS

| LOOP FROM 1 TO 4
|
| /* Question series cr029a to cr029d are presented in random order per variables
| cr029_order as described above. */
|
| END OF LOOP
|
END OF SUBGROUP

END OF GROUP
END OF IF

/* Questions cr060 and cr061 are preloaded here and only asked later in the survey if they
were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252,
UAS254, UAS256, UAS258, UAS260, UAS262, UAS264, UAS266, UAS268, UAS270,
UAS272, UAS274, UAS276, UAS278, UAS280, UAS282, UAS340, UAS342 or UAS344.
*/
IF preload_uas242_244_endtime = RESPONSE THEN
| preload_cr060 := getUASPreloadByCovidSuidBySurveySubset("cr060", ar-
| ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
| preload_cr060_other := getUASPreloadByCovidSuidBySurveySubset("cr060_other", ar-
| ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
| preload_cr061 := getUASPreloadByCovidSuidBySurveySubset("cr061", ar-
| ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
| preload_cr061_other := getUASPreloadByCovidSuidBySurveySubset("cr061_other", ar-
| ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
END OF IF

IF preload_cr060 = EMPTY THEN
|

```

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr060** (sexual identity in section Abuse)

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

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

**cr060\_other** (other sexual identity in section Abuse)

STRING

END OF GROUP

ELSE

cr060 := preload\_cr060

cr060\_other := preload\_cr060\_other

END OF IF

IF preload\_cr061 = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr061** (gender identity in section Abuse)

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

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

**cr061\_other** (other gender identity in section Abuse)

STRING

END OF GROUP

ELSE

cr061 := preload\_cr061

cr061\_other := preload\_cr061\_other

END OF IF

End of section **Abuse**

Start of section **Labor**



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

- o preload\_hadjob: 1 Yes, 2 No
- o preload\_lr001: "1 I am still working in the same job", "2 I lost my job and I am looking for work", "3 I have been temporarily laid off from the same job", "4 I am on sick leave or other leave from the same job", "5 I am now working at a different job", "6 None of these" and "7 I am now retired".
- o preload\_lr003: "1 I still do not have a job", "2 I now have a job", "4 I am retired", "5 I am not in the labor force (not currently working and not looking for work)", and "3 None of these";

\*/

```
preload_hadjob := getCovid19Preload("cr008")
preload_lr001 := getCovid19Preload("lr001")
preload_lr003 := getCovid19Preload("lr003")
```

IF preload\_hadjob = 1 THEN

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

**lr001** (employment status in section Labor)

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

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

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

**lr001\_other** (other employment status in section Labor)

STRING

#### END OF GROUP

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

**lr002** (still receiving benefits in section Labor)

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

- 1 Yes

```

2 No
3 Unsure
END OF IF
ELSE
IF preload_hadjob = RESPONSE THEN
  IF preload.lr001 = 3 THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    Ir003aa (job status after laid off in section Labor)
    You told us on ( ^FLDateEarlierSurvey) that you were temporarily laid off from your
    job. Which statement best reflects your current employment status?
    1 I have resumed working at the same job
    2 I am still temporarily laid off from the same job
    3 I have lost my job and I am looking for work
    4 I am on sick leave or other leave from the same job
    5 I am now working at a different job
    6 None of these, please specify:

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

    END OF GROUP
  ELSEIF preload.lr001 = 4 THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    Ir003bb (job status after sick leave in section Labor)
    You told us on ( ^FLDateEarlierSurvey) that you were on sick leave or other leave
    from your job. Which statement best reflects your current employment status?
    1 I have resumed working at the same job
    2 I am still on sick leave or other leave from the same job
    3 I have lost my job and I am looking for work
    4 I have been temporarily laid off from the same job
    5 I am now working at a different job
    6 None of these, please specify:

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

    END OF GROUP
  ELSE
    IF preload.lr003 = 4 THEN
      GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

```

**lr003cc** (job status after retired in section Labor)

You told us on ( **^FLDateEarlierSurvey**) that you were retired. Which statement best reflects your current employment status?

- 1 I am still retired
- 2 I now have a job
- 3 I am unemployed and looking for work
- 4 None of these, please specify:

**lr003cc\_other** (other job status after retired in section Labor)

STRING

END OF GROUP

ELSEIF preload.lr003 = 5 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**lr003dd** (job status after not in labor force in section Labor)

You told us on ( **^FLDateEarlierSurvey**) that you were not in the labor force. Which statement best reflects your current employment status?

- 1 I am still not in the labor force (not currently working and not looking for work)
- 2 I now have a job
- 3 I am unemployed and looking for work
- 4 I am retired
- 5 None of these, please specify:

**lr003dd\_other** (other job status after not in labor force in section Labor)

STRING

END OF GROUP

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**lr003** (employment status prev no job in section Labor)

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

- 1 I still do not have a job
- 2 I now have a job
- 4 I am retired
- 5 I am not in the labor force (not currently working and not looking for work)
- 3 None of these, please specify:

**lr003\_other** (other employment status prev no job in section Labor)

STRING

END OF GROUP

```

| | END OF IF
| | END OF IF
| ELSE
| | lr003a (currently have job in section Labor)
| | Do you currently have a job?
| | 1 Yes
| | 2 No
| | END OF IF
| END OF IF

```

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

- o The respondent had a job per preload\_hadjob and now says they stil have this job (lr001=1) or have a different job (lr001=5)
- o OR the respondent did not have a job per preload\_hadjob (preload\_hadjob=2) and was temporarily laid off (preload\_lr001=3) and now says they have this job again (lr003aa=1) or have a different job (lr003aa=5)
- o OR the respondent did not have a job per preload\_hadjob (preload\_hadjob=2) and was on sick leave (preload\_lr001=4) and now says they have this job again (lr003bb=1) or have a different job (lr003bb=5)
- o OR the respondent is known to have had a job or not per preload\_hadjob (preload\_hadjob = response) and was not temporarily laid off (preload\_lr001!=3) and was not on sick leave (preload\_lr001!=4) and was retired (preload\_lr003 = 4) and now says they have a job (lr003cc=2)
- o OR the respondent is known to have had a job or not per preload\_hadjob (preload\_hadjob = response) and was not temporarily laid off (preload\_lr001!=3) and was not on sick leave (preload\_lr001!=4) and was not in the work force (preload\_lr003 = 5) and now says they have a job (lr003dd=2)
- 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)) THEN
| lr004 := 1

```

```

ELSEIF (preload_hadjob = 2 AND preload_lr001 = 3 AND lr003aa IN (1,5)) THEN
| lr004 := 1
ELSEIF (preload_hadjob = 2 AND preload_lr001 = 4 AND lr003bb IN (1,5)) THEN
| lr004 := 1
ELSEIF (preload_hadjob = RESPONSE AND preload_lr001 != 3 AND preload_lr001 != 4
AND preload_lr003 = 4 AND lr003cc = 2) THEN
| lr004 := 1
ELSEIF (preload_hadjob = RESPONSE AND preload_lr001 != 3 AND preload_lr001 != 4
AND preload_lr003 = 5 AND lr003dd = 2) THEN
| lr004 := 1
ELSEIF (preload_hadjob = 2 AND preload_lr001 != 3 AND preload_lr001 != 4 AND lr003 =
2) THEN
| lr004 := 1
ELSEIF (preload_hadjob = EMPTY AND lr003a = 1) THEN
| lr004 := 1
END OF IF

```

IF lr004 = 1 THEN

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

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

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

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

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

STRING

#### END OF GROUP

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

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

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

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

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

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

**Ir008** (home many hours work for pay past 7 days in section Labor)

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

RANGE 0..150

**Ir009** (hours reduced since previous survey in section Labor)

Have your work hours been reduced( **since** ^FLDateEarlierSurvey/ **since March 1, 2020**)?

- 1 Yes
- 2 No
- 3 Unsure

**IF Ir005 = 2 THEN**

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

Has your employer instructed you to work from home?

- 1 Yes
- 2 No
- 3 Unsure

**END OF IF**

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

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

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

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

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

How frequently are you paid for your job?

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

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

How frequently are you paid?

STRING

END OF GROUP

LOOP FROM 1 TO 5

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

What was the amount on your most recent paycheck?

RANGE 0..10000000

IF Ir011 > 50000 THEN

**check\_Ir011** (amount over 50k in section Labor)

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

- 1 Yes
- 2 No

ELSEIF Ir011 = RESPONSE AND Ir011 < 30 THEN

**Ir011a** (confirm paycheck amount in section Labor)

You said your last paycheck was \$(amount most recent paycheck()). Is this correct?

- 1 Yes, it is correct
- 2 No, I made a mistake
- 3 I did not receive a paycheck in the past fourteen days
- 4 I do not recall the amount of my last paycheck
- 5 I prefer not to answer

IF Ir011a != 2 THEN

I

END OF IF

ELSE

```

|
| END OF IF
|
| END OF LOOP
|
| Ir012_ask := 2
|
| IF Ir011 > 29 OR (Ir011 < 30 AND Ir011a = 1) THEN
| | Ir012_ask := 1
| END OF IF
|
| IF Ir011 = EMPTY OR (Ir011 = RESPONSE AND Ir011 < 30 AND Ir011a = 4)
| THEN
| | IF Ir010 = 1 THEN
| | | Ir011b.i (paycheck monthly in section Labor)
| | | For the most recent paycheck for your job, would you say the amount was
| | | 1 Lower than $1,500
| | | 2 Between $1,500 and $3,000
| | | 3 Between $3,000 and $4,500
| | | 4 Between $4,500 and $6,000
| | | 5 Higher than $6,000
| | | 6 Prefer not to answer
| | | 7 Don't know
| |
| | | IF Ir011b.i IN (1,2,3,4,5) THEN
| | | | Ir012_ask := 1
| | | END OF IF
| | ELSEIF Ir010 IN (2,6) THEN
| | | Ir011b.ii (paycheck twice a month or every two weeks in section Labor)
| | | For the most recent paycheck for your job, would you say the amount was
| | | 1 Lower than $750
| | | 2 Between $750 and $1,500
| | | 3 Between $1,500 and $2,250
| | | 4 Between $2,250 and $3,000
| | | 5 Higher than $3,000
| | | 6 Prefer not to answer
| | | 7 Don't know
| |
| | | IF Ir011b.ii IN (1,2,3,4,5) THEN
| | | | Ir012_ask := 1
| | | END OF IF
| | ELSEIF Ir010 = 3 THEN

```



```

Ir011b_iii (paycheck every week in section Labor)
For the most recent paycheck for your job, would you say the amount was
1 Lower than $375
2 Between $375 and $750
3 Between $750 and $1,125
4 Between $1,125 and $1,500
5 Higher than $1,500
6 Prefer not to answer
7 Don't know

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

ELSEIF Ir010 = 4 THEN
Ir011b_iv (paycheck every day in section Labor)
For the most recent paycheck for your job, would you say the amount was
1 Lower than $75
2 Between $75 and $150
3 Between $150 and $300
4 Between $300 and $600
5 Higher than $600
6 Prefer not to answer
7 Don't know

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

ELSEIF Ir010 = 5 THEN
Ir011b_v (paycheck other frequency in section Labor)
For the most recent paycheck for your job, would you say the amount was
1 Lower than $375
2 Between $375 and $750
3 Between $750 and $1,500
4 Between $1,500 and $3,000
5 Higher than $3,000
6 Prefer not to answer
7 Don't know

IF Ir011b_v IN (1,2,3,4,5) THEN
| Ir012_ask := 1
END OF IF
END OF IF

```

END OF IF

IF **lr012\_ask** = 1 THEN

**lr012** (amount before or after taxes in section Labor)

Is that amount before or after taxes were withheld?

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

END OF IF

IF **lr010** = 4 OR **lr010** = 5 OR **lr005** = 1 THEN

**lr011c** (takeaway amount last month in section Labor)

Overall, taking into account all sources of income related to your job(s) and/or business, what was your income or "take home pay" in the past month?

RANGE 0..10000000

IF **lr011c** > 50000 THEN

**check\_lr011c** (takeaway amount over 50k in section Labor)

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

- 1 Yes
- 2 No

ELSEIF **lr011c** = EMPTY THEN

**lr011c.i** (followup takeaway amount past month in section Labor)

Would you say that your income or "take home pay" in the past month was:

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

END OF IF

END OF IF

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

IF **alternatwave** = 1 THEN

**lr013** (how may days stay home and still get paid in section Labor)

If you get sick, how many days can you stay home from your job and still get paid?

- 1 0
- 2 1-7
- 3 8-14
- 4 More than 14

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

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

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

1 Yes

2 No

3 Unsure

**END OF IF**

**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**

**END OF IF**

**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**

**LOOP FROM 1 TO 5**

**Ir017** (amount unemployment insurance in section Labor)

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

RANGE 0..10000

**IF Ir017 > 5000 THEN**

**check\_Ir017** (amount over 5k in section Labor)

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

1 Yes

2 No

ELSEIF Ir017 = RESPONSE AND Ir017 < 15 THEN

**Ir017b** (confirm unemployment amount in section Labor)

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

- 1 Yes, that is correct
- 2 No, I made a mistake
- 3 I did not receive a payment in the past fourteen days
- 4 I do not recall the amount of my last UI payment
- 5 I prefer not to answer

IF Ir017b != 2 THEN

I

END OF IF

ELSE

I

END OF IF

END OF LOOP

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

**Ir017b.i** (followup unemployment amount in section Labor)

Would you say the amount was?

- 1 \$300 or less
- 2 \$301 to \$600
- 3 \$601 to \$900
- 4 \$901 to \$1200
- 5 More than \$1200
- 6 I prefer not to answer
- 7 Don't know

END OF IF

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

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**Ir017a** (how often receive unemployment insurance in section Labor)

How often do you expect to receive this amount?

- 1 Once every week
- 2 Once every two weeks

- 3 Once every month
- 4 Another interval, please specify:
- 5 Unsure

**Ir017a\_other** (other how often receive unemployment insurance in section Labor)  
STRING

END OF GROUP

END OF IF

ELSEIF Ir016 = RESPONSE THEN

IF Ir016 = 3 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**Ir016a** (why unsure about whether received unemployment insurance in past 14 days in section Labor)

Why are you unsure about whether you have received unemployment insurance in the past 14 days?

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

**Ir016a\_other** (other why unsure about whether received unemployment insurance in past 14 days in section Labor)  
STRING

END OF GROUP

END OF IF

**Ir031** (applied for unemployment benefits since february 2020 in section Labor)  
Have you **applied** for unemployment insurance since February 2020?

- 1 Yes
- 2 No
- 3 Unsure

IF Ir031 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**lr032\_month** (month applied unemployment in section Labor)

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

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

**lr032\_day** (day applied unemployment in section Labor)

- 1 1
- 2 2
- 3 3
- 4 4
- 5 5
- 6 6
- 7 7
- 8 8
- 9 9
- 10 10
- 11 11
- 12 12
- 13 13
- 14 14
- 15 15
- 16 16
- 17 17
- 18 18
- 19 19
- 20 20
- 21 21
- 22 22
- 23 23
- 24 24
- 25 25
- 26 26
- 27 27

28 28  
29 29  
30 30  
31 31

**Ir032\_year** (year applied unemployment in section Labor)  
2020 2020  
2021 2021

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

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

**Ir033\_other** (other why not received unemployment in section Labor)  
STRING

END OF GROUP

ELSEIF Ir031 = 2 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

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

**Ir034\_other** (other why not applied unemployment in section Labor)

| | STRING

| END OF GROUP

| END OF IF

END OF IF

/\* Questions Ir019a, Ir020a, Ir021 and Ir022 are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260, UAS262, UAS264, UAS266, UAS268, UAS270, UAS272, UAS274, UAS276, UAS278, UAS280, UAS282, UAS340, UAS342 or UAS344. \*/

IF preload\_uas242\_244.endtime = RESPONSE THEN

```
preload_Ir019a := getUASPreloadByCovidSuidBySurveySubset("Ir019a", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_Ir020a := getUASPreloadByCovidSuidBySurveySubset("Ir020a", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_Ir021 := getUASPreloadByCovidSuidBySurveySubset("Ir021", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_Ir022 := getUASPreloadByCovidSuidBySurveySubset("Ir022", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_Ir027 := getUASPreloadByCovidSuidBySurveySubset("Ir027", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_Ir029_month := getUASPreloadByCovidSuidBySurveySubset("Ir029_month", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_Ir029_day := getUASPreloadByCovidSuidBySurveySubset("Ir029_day", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
preload_Ir030 := getUASPreloadByCovidSuidBySurveySubset("Ir030", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344))
```

END OF IF

IF preload\_Ir019a = EMPTY THEN

**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

ELSE

| Ir019a := preload.Ir019a

| Ir020a := preload.Ir020a

| Ir021 := preload.Ir021

| Ir022 := preload.Ir022

END OF IF

IF Ir004 = 1 THEN

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

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

1 Never

2 Less than once per week

3 1-2 times per week

4 Several times per week

5 Nearly every day

6 Every day

END OF IF

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

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

| **Ir023\_intro** (Section Labor)

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

SUBGROUP OF QUESTIONS

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

Ordered them to close completely

1 Yes

2 No

3 Unsure

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

Ordered them to substantially limit operations

1 Yes

2 No

3 Unsure

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

Ordered employees to work from home

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

IF Ir023a = 1 THEN

**Ir024a** (government allowed to reopen in section Labor)

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

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

END OF IF

IF Ir023b = 1 THEN

**Ir024b** (government allowed to resume fully in section Labor)

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

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

END OF IF

IF Ir023c = 1 THEN

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

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

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

END OF IF

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

**Ir025** (government identified business as essential in section Labor)

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

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

**Ir026a** (married or with partner in section Labor)

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

1 Yes

2 No

IF Ir026a = 1 THEN

IF preload\_Ir027 = EMPTY THEN

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

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

1 My spouse or partner was employed and had a job

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

3 My spouse or partner was temporarily laid off

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

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

6 My spouse or partner was retired

7 None of these

ELSE

Ir027 := preload\_Ir027

END OF IF

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

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

1 My spouse or partner is employed and has a job

2 My spouse or partner is unemployed and looking for work

3 My spouse or partner is temporarily laid off

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

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

6 My spouse or partner is retired

7 None of these

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

IF preload\_Ir029\_month = EMPTY AND preload\_Ir029\_day = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**Ir029\_intro** (employment status changed in section Labor)

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

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

**Ir029\_month** (month unemployment status changed in section Labor)

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

**lr029\_day** (day unemployment status changed in section Labor)

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30

```

31 31

lr029_year (year unemployment status changed in section Labor)
2020 2020
2021 2021

END OF GROUP
ELSE
  lr029_month := preload.lr029_month
  lr029_day := preload.lr029_day
END OF IF
END OF IF

IF lr028 = 1 THEN
  IF preload.lr030 = EMPTY THEN
    lr030 (spouse/partner hours reduced in section Labor)
    Have your spouse or partner's hours been reduced since February 2020?
    1 Yes
    2 No
    3 Unsure
  ELSE
    lr030 := preload.lr030
  END OF IF

  IF preload.lr030 = RESPONSE THEN
    lr030a (spouse/partner hours reduced in section Labor)
    Have your spouse or partner's hours been reduced since ( ^FLDateEarlierSurvey)?
    1 Yes
    2 No
    3 Unsure
  END OF IF
END OF IF

lr035 (spouse or partner received unemployment in section Labor)
Has your spouse or partner received unemployment insurance benefits in the past
fourteen days?
1 Yes
2 No
3 Unsure
END OF IF

```

Fill code of question FLlr036 executed

**lr036** (anyone else in household received unemployment in section Labor)  
Other than you( and your spouse or partner/ yourself), has anyone else in your household received unemployment insurance benefits in the past fourteen days?

- 1 Yes
- 2 No
- 3 Unsure

IF (lr026a = 1 AND lr035 = 1) OR lr036 = 1 THEN

**lr037** (unemployment household received in section Labor)  
Over the **past month**, how much did you and other household members receive from unemployment insurance? If you are not sure, please give your best guess.  
RANGE 0..9999

END OF IF

End of section **Labor**

Start of section **Economic**

preload\_ei007 := getCovid19Preload("ei007")

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

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

What is the percent chance you will run out of money because of the coronavirus in the **next three months**?  
RANGE 0..100

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

END OF GROUP

**ei002** (worried you would run out of food in section Economic)  
In the **past seven days**, were you worried you would run out of food because of a lack of money or other resources?

- 1 Yes
- 2 No
- 3 Unsure

**ei003** (did you eat less in section Economic)  
In the **past seven days**, did you eat less than you thought you should because of a lack of money or other resources?

- 1 Yes
- 2 No
- 3 Unsure

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

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

- 1 Yes
- 2 No
- 3 Unsure

FLOneMonthAgo := getOneMonthAgo()

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

IF alternatewave = 1 THEN

ei005\_questions := array(1 →"ei005a", 2 →"ei005b", 3 →"ei005c", 4 →"ei005d", 5 →"ei005e", 6 →"ei005f", 7 →"ei005g", 8 →"ei005h", 9 →"ei005i", 10 →"ei005j", 11 →"ei005k", 12 →"ei005l", 13 →"ei005m")

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

- 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 ei005c = 1 THEN

**ei005inc.c** (how much received social security in section Economic)  
Over the **past month** (since ()), how much did you and other household members receive from **Social Security**? If you are not sure, please give your best guess.  
RANGE 0..9999

END OF IF

IF ei005d = 1 THEN

**ei005inc.d** (how much received Supplemental Security Income (SSI) in section Economic)  
Over the **past month** (since ()), how much did you and other household members receive from **Supplemental Security Income (SSI)**? If you are not sure, please give your best guess.  
RANGE 0..9999

END OF IF

IF ei005e = 1 THEN

**ei005inc.e** (how much received Social Security Disability Insurance (SSDI) in section Economic)  
Over the **past month** (since ()), how much did you and other household members receive from **Social Security Disability Insurance (SSDI)**? If you are not sure, please give your best guess.  
RANGE 0..9999

END OF IF

IF ei005h = 1 THEN

**ei005inc.h** (how much received SNAP or Food Stamps benefits in section Economic)  
Over the **past month** (since ()), how much did your household receive in **SNAP or Food Stamps benefits**? If you are not sure, please give your best guess.  
RANGE 0..9999

END OF IF

IF ei005i = 1 THEN

**ei005inc.i** (how much received Economic Impact Payment (stimulus check) in section Economic)  
Over the **past month** (since ()), how much did your household receive from the Economic Impact Payment (stimulus check)? If you are not sure, please give your best guess.  
RANGE 0..9999

END OF IF

END OF IF

IF preload\_ei007 = EMPTY THEN

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

Did you file a tax return in 2019 or 2020?

- 1 Yes
- 2 No
- 3 Unsure

**ELSE**

ei007 := preload\_ei007

**END OF IF**

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

**IF alternatwave = 1 THEN**

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

Do you owe money on student loans?

- 1 Yes
- 2 No

**IF ei008 = 1 THEN**

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

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

- 1 Yes
- 2 No

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

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

- 1 Yes
- 2 No

**END OF IF**

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

Do you have a mortgage?

- 1 Yes
- 2 No

**IF ei011 = 1 THEN**

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

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

- 1 Yes
- 2 No

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

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

1 Yes

2 No

END OF IF

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

Do you rent your primary residence?

1 Yes

2 No

IF ei014 = 1 THEN

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

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

1 Yes

2 No

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

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

1 Yes

2 No

END OF IF

END OF IF

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

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

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

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

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

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

IF ei030 IN (2,3,4) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**ei031** (chance will be evicted in section Economic)

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

sure, please give your best guess.  
RANGE 0..100

**ei031\_na** (does not apply chance will be evicted in section Economic)  
OR

1 Does not apply to my housing situation

**ei\_error** (Section Economic)  
Please select a value or check the box.

END OF GROUP

END OF IF

**ei017** (how confident you could come up with 2000 in section Economic)  
How confident are you that you could come up with \$2,000 if an unexpected need arose within the next month?

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

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**ei018\_intro** (emergency expense 400 dollars info in section Economic)  
Suppose now you have an emergency expense that costs \$400. Based on your current financial situation, how would you pay this expense? If you would use more than one method, please select all that apply.

SUBGROUP OF QUESTIONS

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

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

- 1 Yes
- 2 No
- 3 Unsure

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

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

- 1 Yes

- 2 No
- 3 Unsure

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

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

- 1 Yes
- 2 No
- 3 Unsure

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

Using a bank loan or line of credit

- 1 Yes
- 2 No
- 3 Unsure

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

By borrowing from a friend or family member

- 1 Yes
- 2 No
- 3 Unsure

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

Using a payday loan, deposit advance, or overdraft

- 1 Yes
- 2 No
- 3 Unsure

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

By selling something

- 1 Yes
- 2 No
- 3 Unsure

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

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

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

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

IF alternatewave = 1 THEN

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

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

- 1 Yes
- 2 No
- 3 Unsure

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

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

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

#### SUBGROUP OF QUESTIONS

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

My neighborhood is clean

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

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

There is too much crime in my neighborhood

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

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

Vandalism is common in my neighborhood

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

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

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

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

| END OF SUBGROUP

| END OF GROUP

END OF IF

End of section **Economic**

Start of section **Social**

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

IF alternatwave = 1 THEN

| IF dateofbirth\_year = RESPONSE AND dateofbirth\_month = RESPONSE AND dateof-  
birth\_day = RESPONSE THEN

|   currentage := calcAge(dateofbirth\_year, dateofbirth\_month, dateofbirth\_day)

| END OF IF

| IF currentage = EMPTY THEN

|   **currentage** (current age in section Social)

|   What is your age?

|   NUMBER (NO DECIMALS ALLOWED)

| END OF IF

| IF currentage > 49 AND currentage < 70 THEN

|   **ss001** (currently receive social security retirement benefits in section Social)

|   Do you currently receive social security retirement benefits?

|   1 Yes

|   2 No

|   3 Unsure

| END OF IF

END OF IF

End of section **Social**

Start of section **School\_core**

/\* If respondents have one or more children in grades K-12, they are asked about one of those children. If they were asked about a specific child in a previous survey (starting at UAS264), the names provided there are preloaded (and not asked). Also, the randomly asked about child from the previous survey is asked about in this survey again as well. If this is not the case respondents are asked to provide names and a named child is randomly selected to be asked about. \*/



```

school_begin := date("Y-m-d H:i:s")
preload_selectedchild := getUASPreloadByCovidSuidBySurveySubset("selectedchild", array(264,270,272,274,276,278,280,282,340,342,344))

```

**IF preload\_selectedchild = RESPONSE THEN**

```

preload_selectednames := getUASPreloadByCovidSuidBySurveySubset("selectednames", array(264,270,272,274,276,278,280,282,340,342,344), 2)
selectedchild := preload_selectedchild
selectednames := preload_selectednames
havesselectedchild := 1

```

**ELSE**

**sl082** (number of hh members 5-18 years old in section School\_core)  
How many members of your household are 5-18 years old?

```

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

```

**IF sl082 > 0 THEN**

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

**sl015b\_intro** (Section School\_core)

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 SL082**

```

Fill code of question FLsl015b executed
FLsl015b_dummy(cnt) := FLsl015b(cnt)

```

**sl015b** (name student in section School\_core)  
STRING

**END OF LOOP**

END OF GROUP

LOOP FROM 1 TO SL082

IF sl015b(checkcnt) = EMPTY THEN

IF sl082 > 1 THEN

**checkcntwarning** (Section School\_core)

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\_core)

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 SL082

IF sl015b(namecnt) = RESPONSE THEN

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

END OF IF

END OF LOOP

IF selectedchild = EMPTY THEN

LOOP FROM 1 TO 50

selectedchild := mt\_rand(1, sizeof(selectednames))

IF selectednames(selectedchild) = RESPONSE THEN

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

IF selectedchild = RESPONSE AND selectednames(selectedchild) = RESPONSE THEN

**sl056** (grade of selected child in section School\_core)

In what grade is ((selectedchild)) this year (the 2020-2021 school year)?

0 Kindergarten

1 1st grade

2 2nd grade

3 3rd grade

4 4th grade

5 5th grade

6 6th grade

7 7th grade

8 8th grade

9 9th grade

10 10th grade

11 11th grade

12 12th grade

## GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl057a (enrolled in any type of school in section School\_core)

Is **((selectedchild))** enrolled in a public, private, charter or virtual school for the 2020-21 school year (even if currently attending school from home), or are they homeschooled, or does some other situation apply?

1 Yes, **((selectedchild))** is enrolled in a public, charter, private or virtual school (select this option even if your child is attending school from home)

2 No, ((selectedchild)) is not enrolled and is homeschooling

3 No, ((**selectedchild**)) is neither enrolled nor homeschooling (e.g. dropped out, taking a year off, pursuing a GED)

4 No, some other situation applies (please specify):

sl057a\_other (other enrolled in any type of school in section School\_core)

STRING

END OF GROUP

**IF sl057a = 1 THEN**

**sl083** (school still in session in section School\_core)

Is **((selectedchild))**'s school still in session for the 2020-2021 school year?

- 1 Yes
- 2 No
- 3 Unsure

**END OF IF**

**IF sl057a = 2 THEN**

**se008a** (planning to continue homeschooling next year in section School\_extra)

Are you planning to continue homeschooling **((selectedchild))** next year?

- 1 Yes
- 2 No
- 3 Unsure

**END OF IF**

**IF sl056 != 12 AND (sl057a != 2 OR (sl057a = 2 AND se008a = 2)) THEN**

**se008** (plan to send to school in person in section School\_extra)

Are you planning to send **((selectedchild))** to school in-person at the beginning of the 2021-22 school year?

- 1 Yes
- 2 No
- 3 Unsure

**END OF IF**

**IF sl057a = 1 AND sl083 = 1 THEN**

**sl058a** (kind of school enrolled in in section School\_core)

What kind of school is **((selectedchild))** enrolled in?

- 1 Public school
- 2 Private school
- 3 Charter school
- 4 Virtual School
- 5 Other
- 6 Unsure

**sl060a** (percent currently attending in person in section School\_core)

Approximately what percent of the students at **((selectedchild))**'s school are currently attending school in person?

RANGE 0..100

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

**sl061a** (how currently attending school in section School\_core)

How is **((selectedchild))** currently attending school?

- 1 In-person only
- 2 Remote only
- 3 Both in-person and remote (hybrid)
- 4 Other, please specify:

**sl061a\_other** (other how currently attending school in section School\_core)

STRING

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl062a** (how prefer attending school in section School\_core)

Given the state of the COVID-19 pandemic in your area and your school's safety protocols, how would you prefer **((selectedchild))** to attend school right now?

- 1 In-person only
- 2 Remote only
- 3 Both in-person and remote (hybrid)
- 4 Other, please specify:
- 5 Unsure

**sl062a\_other** (other how prefer attending school in section School\_core)

STRING

END OF GROUP

IF sl060a > 0 OR sl061a IN (1,3) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl063\_intro** (Section School\_core)

Is **((selectedchild))**'s school using any of the following COVID-19 mitigation strategies?

SUBGROUP OF QUESTIONS

**sl063a** (School policy requires students to wear masks at all times in section School\_core)

School policy requires students to wear masks at all times

- 1 Yes
- 2 No
- 3 Unsure

**sl063b** (School policy requires teachers to wear masks at all times in sec-

tion School\_core)

School policy requires teachers to wear masks at all times

1 Yes

2 No

3 Unsure

**sl063c** (School policy requires everyone on campus to have their temperature taken in section School\_core)

School policy requires everyone on campus to have their temperature taken

1 Yes

2 No

3 Unsure

**sl063d** (School policy requires that everyone on campus remain six feet apart in section School\_core)

School policy requires that everyone on campus remain six feet apart

1 Yes

2 No

3 Unsure

**sl063e** (Hand sanitizer is available in classroom(s) in section School\_core)

Hand sanitizer is available in ((**selectedchild**))'s classroom(s)

1 Yes

2 No

3 Unsure

**sl063f** (School policy requires contact tracing if cases arise in the school in section School\_core)

School policy requires contact tracing if cases arise in the school

1 Yes

2 No

3 Unsure

END OF SUBGROUP

END OF GROUP

END OF IF

END OF IF

END OF IF

End of section **School\_core**

Start of section **Covidlong**

**cvl001** (ever become infected in section Covidlong)

Since the start of the pandemic, have you ever become infected with COVID-19?

1 Yes, I have tested positive

2 Yes, I have not tested positive but I believe I have had it.

3 No

4 Unsure

**IF cvl001 IN (1,2) THEN**

**cvl002** (covid 12 weeks complications or symptoms in section Covidlong)

Did you have COVID-related symptoms or health complications that lasted at least 12 weeks?

1 Yes

2 No

3 Unsure

**IF cvl002 = 1 THEN**

**clv003** (covid related health complications affected employment status in section Covidlong)

Did your COVID-related symptoms or health complications affect your employment status or work hours?

1 Yes

2 No

3 Unsure

**IF clv003 = 1 THEN**

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

**cvl004.month** (month work hours reduced due to covid in section Covidlong)

When did your COVID-related symptoms or health complications affect your employment status or work hours? If you're not sure, just give your best guess.

1 January

2 February

3 March

4 April

5 May

6 June

7 July

8 August

9 September

10 October

11 November

12 December

**cvl004.year** (year work hours reduced due to covid in section Covidlong)

2020 2020

```

| 2021 2021
| END OF GROUP
END OF IF

clv005 (recovered from covid related health complications in section Covidlong)
Have you recovered from your COVID-related symptoms or health complications?
1 Yes
2 No
3 Unsure

IF clv005 = 1 THEN
  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

  cvl006_month (month when recovered covid in section Covidlong)
  When did you recover? If you're not sure, just give your best guess.
  1 January
  2 February
  3 March
  4 April
  5 May
  6 June
  7 July
  8 August
  9 September
  10 October
  11 November
  12 December

  cvl006_year (year when recovered covid in section Covidlong)
  2020 2020
  2021 2021

  END OF GROUP
END OF IF
END OF IF
END OF IF

End of section Covidlong

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(346)

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. \*/