UnderStandingAmericaStudy

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

Contents

1 INTRODUCTION

This UAS panel survey, titled "UAS 351: Coronavirus tracking survey long form wave 31" asks respondents about the impact of the coronavirus pandemic on their lives. This wave is not part of the tracking survey cadence. Some core questions were cut, and new questions added. Includes questions on vaccine and mask mandates, booster shots, child vaccinations, and language usage. This survey is no longer in the field. Respondents were paid $12 to complete the survey.

1.1 Topics

This survey contains questions (among others) on the following topics: Consumer Behavior, Education, Health, Psychology, Covid-19. A complete survey topic categorization for the UAS can be found here.

1.2 Experiments

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

1.3 Citation

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

2 SURVEY RESPONSE AND DATA

2.1 Sample selection and response rate

The sample selection for this survey was:

All active respondents.

As such, this survey was made available to 9208 UAS participants. Of those 9208 participants, 6908 completed the survey and are counted as respondents. Of those who are not counted as respondents, 128 started the survey without completing and 2172 did not start the survey. The overall response rate was 75.02%.

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:

UAS351 - Response Overview	
Size of selected sample	9208
Completed the survey	6908
Started but did not complete the survey	128
Did not start the survey	2172
Response rate	75.02%

2.2 Timings

The survey took respondents an average of 19 minutes. Detailed timings distributions and times per question are available upon request.

2.3   Sample & Weighting

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

This survey contains the following variables with weights (all generated using the procedure described above)

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

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

3   STANDARD VARIABLES

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

○ **uasid**: the identifier of the respondent. This identifier is assigned to a respondent at recruitment and stays with the respondent throughout each and every survey he/she participates in. When analyzing data from multiple surveys, the 'uasid' can be used to merge data sets.

○ **uashhid**: the household identifier of the respondent. Every member is assigned a household identifier, stored in the variable 'uashhid'. For the primary respondent this identifier equals his or her 'uasid'. All other eligible members of the primary respondent's household (everyone who is 18 or older in the household) who become UAS respondents receive the 'uasid' of the primary respondent as their household identifier. The identifier 'uashhid' remains constant over time for all respondents. Thus it is always possible to find the original UAS household of an UAS panel member (even after they, for example, have moved out to form another household).

○ **survhhid**: uniquely identifies the household a UAS panel member belongs to in a given survey. For instance, if the primary respondent and his/her spouse are both UAS members at the time of a given survey, they both receive the same 'survhhid' identifier for that survey. If they subsequently split, they receive two different 'survhhid' in subsequent surveys. They, however, always share the same 'uashhid'. The identifier 'survhhid' is set to missing (.) if no other household members are UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart if the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, household members have different 'survhhid' reflecting different household compositions at the time they answered the survey. For instance, suppose that the primary respondent and his/her spouse are both UAS members. If the primary respondent answers the survey when he/she is living with the spouse, but the spouse answers the survey when the couple has split, they receive different 'survhhid'. Hence, the variable 'survhhid' identifies household membership of UAS panel members, at the time the respondent answers the survey. Note: in the My Household survey 'survhhid' is set to unknown (.u) for respondents who last participated in the My Household survey prior to January 21, 2015.

○ **uasmembers**: is the number of other household members who are also UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart is the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, the primary respondent of a household has a value of '0', whereas the second UAS household respondent has a value of '1'. Therefore 'uasmembers' should be interpreted as the

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

○ **sampletype**: indicates the sampling frame from which the household of the respondent was recruited. All UAS recruitment is done through address based sampling (ABS) in which samples are acquired based on postal records. Currently, the variable 'sampletype' takes on three values reflecting three distinct recruitment categories (in future data sets the number of categories may increase due to the incorporation of new recruitment categories):

   1. Nationally Representative Sample
   2. Native Americans: recruited through ABS, where the probability of drawing a zip-code is a function of the percentage of Native Americans in the zip-code. Primary respondents in these zip-codes who are not Native Americans are not invited to join the UAS.
   3. LA County: recruited through ABS drawing from zip-codes in Los Angeles County.

○ **batch**: indicates the batch from which the respondent was recruited. There are currently the following values this variable takes (in future data sets the number of categories may increase due to the usage of new recruitment samples):

   1. ASDE 2014/01 Nat.Rep.
   2. ASDE 2014/01 Native Am.
   3. ASDE 2014/11 Native Am.
   4. LA County 2015/05 List Sample
   5. MSG 2015/07 Nat.Rep.
   6. MSG 2016/01 Nat.Rep. Batch 2
   7. MSG 2016/01 Nat.Rep. Batch 3
   8. MSG 2016/01 Nat.Rep. Batch 4
   9. MSG 2016/02 Nat.Rep. Batch 5
   10. MSG 2016/03 Nat.Rep. Batch 6
   11. MSG 2016/04 Nat.Rep. Batch 7
   12. MSG 2016/05 Nat.Rep. Batch 8
   13. MSG 2016/08 LA County Batch 2
   14. MSG 2017/03 LA County Batch 3
   15. MSG 2017/11 California Batch 1
   16. MSG 2018/02 California Batch 2
   17. MSG 2018/08 Nat.Rep. Batch 9

18. MSG 2019/04 LA County Batch 4
19. MSG 2019/05 LA County Batch 5
20. MSG 2019/11 Nat. Rep. Batch 10
21. MSG 2020/08 Nat. Rep. Batch 11
22. MSG 2020/10 Nat. Rep. Batch 12
23. MSG 2021/02 Nat. Rep. Batch 13
24. MSG 2021/08 Nat. Rep. Batch 15
25. MSG 2021/08 Nat. Rep. Batch 16

○ **primary_respondent**: indicates if the respondent was the first person within the household (i.e. to become a member or whether s/he was added as a subsequent member. A household in this regard is broadly defined as anyone living together with the primary respondent. That is, a household comprises individuals who live together, e.g. as part of a family relationship (like a spouse/child/parent) or in context of some other relationship (like a roommate or tenant).

○ **hardware**: indicates whether the respondent ever received hardware or not. Note: this variable should not be used to determine whether a respondent received hardware at a given point in time and/or whether s/he used the hardware to participate in a survey. Rather, it indicates whether hardware was ever provided:

1. None
2. Tablet (includes Internet)

○ **language**: the language in which the survey was conducted. This variable takes a value of 1 for English and a value of 2 for Spanish.

○ **start_date (start_year, start_month, start_day, start_hour, start_min, start_sec)**: indicates the time at which the respondent started the survey.

○ **end_date (end_year, end_month, end_day, end_hour, end_min, end_sec)**: indicates the time at which the respondent completed the survey.

○ **cs_001**: indicates how interesting the respondent found the survey.

4 BACKGROUND DEMOGRAPHICS

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

The following variables are available in each survey data set:

- **gender**: the gender of the respondent.

- **dateofbirth_year**: the year of birth of the respondent.

- **age**: the age of the respondent at the start of the survey.

- **agerange**: if the respondent's age cannot be calculate due to missing information, 'agerange' indicates the approximate age. Should a value for both the 'age' and 'agerange' be present, then 'age' takes precedence over 'agerange'.

- **citizenus**: indicates whether the respondent is a U.S. citizen.

- **bornus**: indicates whether the respondent was born in the U.S.

- **stateborn**: indicates the state in which the respondent was born. This is set to missing (.) if the respondent was not born in the U.S.

- **countryborn**: indicates the country in which the respondent was born. This is set to missing (.) if the respondent was born in the U.S.

- **countryborn_other**: indicates the country of birth if that country is not on the drop down list of countries shown to the respondent'.

- **statereside**: the state in which the respondent is living.

- **immigration_status**: indicates whether the respondent is an immigrant. It takes one of the following values: 0 Non-immigrant, 1 First generation immigrant (immigrant who migrated to the U.S), 2 Second generation immigrant (U.S.-born children of at least one foreign-born parent), 3 Third generation immigrant (U.S.-born children of at least one U.S.-born parent, where at least one grandparent is foreign-born), or 4 Unknown immigrant status.

- **maritalstatus**: the marital status of the respondent.

- **livewithpartner**: indicates whether the respondent lives with a partner.

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- **education**: the highest level of education attained by the respondent.

- **hisplatino**: 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 hisplatino, 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.

- **lf_other**: specifies other labor force status.

- **laborstatus**: indicates the labor force status of the respondent as singular (e.g., '1 Working for pay' or '2 On sick or other leave') or as mixed (in case the respondent selects two or more labor statuses). The value '8 Mixed' indicates that the respondent answered 'Yes' to at least two of the single labor force status variables. This variable is generated based on the values of the different labor status variables (working, sick_leave, unempl_layoff, unempl_look, retired, disabled, lf_other).

- **employmenttype**: indicates the employment type of the respondent (employed by the government, by a private company, a nonprofit organization, or self-employed). This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.

- **workfullpart**: indicates whether the respondent works full or part-time. This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.

- **hourswork**: indicates the number of hours the respondent works per week. This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.

- **hhincome**: is the total combined income of all members of the respondent's household (living in their household) during the past 12 months.

- **anyhhmember**: indicates whether there were any members in the respondent's household at the time he/she answered the survey as reported by the respondent.

- **hhmembernumber**: indicates the number of household members in the respondent's household at the time of the survey as reported by the respondent. It may be that 'anyhhmember' is 'Yes', but 'hhmembernumber' is missing if the respondent did not provide the number of household members at the time of the survey.

- **hhmemberin_#**: indicates whether a household member is currently in the household as reported by the respondent. Household members are never removed from the stored household roster and their information is always included in survey data sets. The order of the roster is the same order in which household members were specified by the respondent in the 'MyHousehold' survey. The order is identified by the suffix _# (e.g., _1 indicates the first household member, _2 the second household member, etc.).

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

- **hhmembergen_#**: indicates the gender of another household member as reported by the respondent.

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

- **hhmemberrel_#**: indicates the relationship of the respondent to the other household member as reported by the respondent.

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

- **lastmyhh_date**: the date on which the demographics variables were collected through the 'My Household' survey.

5   MISSING DATA CONVENTIONS

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

6 ROUTING SYNTAX

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

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

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

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

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

7 SURVEY WITH ROUTING

Start of section **Preload**

/* In several of the questions in this survey respondents are asked to answer in context of a specific time frame reference. This reference is present if they participated in an earlier related survey (UAS230, UAS235, UAS236, UAS240, UAS241, UAS242, UAS243, UAS244, UAS245, UAS246, UAS247, UAS248, UAS249, UAS250, UAS251, UAS252, UAS253, UAS254, UAS255, UAS256, UAS257, UAS258, UAS259, UAS260, UAS261, UAS262, UAS263, UAS264, UAS265, UAS267, UAS268, UAS269, UAS271, UAS272, UAS273, UAS274, UAS275, UAS276, UAS277, UAS278, UAS279, UAS280, UAS281, UAS283, UAS340, UAS341, UAS343, UAS344, UAS345, UAS346, UAS347, UAS348, UAS349 OR UAS350). */
FLLastEndtime := getCovid19Preload("endtime")

IF FLLastEndtime != "" THEN
  FLDateEarlierSurvey := getDateString(FLLastEndtime)
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, US274, UAS276, UAS278, UAS280, UAS282, UAS340, UAS342, UAS344, UAS346, UAS348 or UAS350 per the most recent end date and time for those surveys. */
FLOneMonthAgo := getOneMonthAgo()
preload_uas242_244_endtime := getUASPreloadByCovidSuidBySurveySubset("endtime", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346,3

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

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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). 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", 12 →"cr001l", 13 →"cr001m", 15 →"cr001o", 16 →"cr001p", 17 →"cr001q", 18 →"cr001r", 19 →"cr001s", 20 →"cr001t")

/* The question series cr001a to cr001r are presented in random order per variables cr001_order with values:

- 1 Fever or chills (cr001a)

- 2 Runny or stuffy nose (cr001b)

- 3 Chest congestion (cr001c)

- 4 Cough (cr001d)

- 5 Sore throat (cr001e)

- 6 Sneezing (cr001f)

- 7 Muscle or body aches (cr001g)

- 8 Headaches (cr001h)

- 9 Fatigue or tiredness (cr001i)

- 10 Shortness of breath (cr001j)

- 11 Abdominal Discomfort (cr001k)

- 12 Vomiting (cr001l)

- 13 Hair Loss (cr001m)

○ 14 Dry skin (cr001n)

○ 15 Body temperature higher than 100.4 F or 38.0 C (cr001o)

○ 16 Diarrhea (cr001p)

○ 17 Lost sense of smell (cr001q)

○ 18 Skin rash (cr001r)

Answer options for all questions in the series are:

○ 1 Yes

○ 2 No

○ 3 Unsure

*/

IF sizeof(cr001_order) = 0 THEN
  cr001_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 12 →12, 13 →13, 15 →15, 16 →16, 17 →17, 19 →19, 20 →20))
  cr001_order(21) := 21
END OF IF

cr_intro2 (Section Corona)
First we'd like to ask you about any symptoms you may have experienced recently. Please pay attention to the list since it is different from the list you may have seen before.

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 20

IF cr001_order(cnt) = RESPONSE THEN

/* Question series cr001a to cr001r are presented in random order per variables cr001_order as described above. */

END OF IF

END OF LOOP

cr001v (experienced Other health problems in section Corona)
Other health problems
1 Yes
2 No
3 Unsure

cr002 (tested for the coronavirus in section Corona)
Have you been tested for coronavirus(**since** ˆ**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

cr079 (how many times tested in section Corona)
How many times have you been tested since (ˆ**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

cr080a_month (month first positive covid in section Corona)
On what date did you first test positive (**since ˆFLDateEarlierSurvey**)?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

cr080a_day (day first tested positive 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
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21 21
22 22
23 23
24 24
25 25
26 26
27 27
28 28
29 29

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    30 30
    31 31

    cr080a_year (year first tested positive in section Corona)
    2020 2020
    2021 2021
    2022 2022

  END OF GROUP

  IF cr080a_month = RESPONSE AND cr080a_year = RESPONSE AND cr080a_day =
  RESPONSE THEN
    IF (strtotime(FLLastEndtime) > strtotime(cr080a_year . "-" . cr080a_month . "-" .
    cr080a_day)) THEN

      cr080a_warning (Section School)
      The date you entered is BEFORE the date on which you answered our previous
      survey ((date of earlier survey())). Please go back and correct your response.
    ELSEIF (strtotime(cr080a_year . "-" . cr080a_month . "-" . cr080a_day) > time()) THEN

      cr080a_warning2 (Section School)
      The date you entered is in the future. Please go back and correct your response.
    END OF IF
  ELSEIF cr080a_month = RESPONSE AND cr080a_year = RESPONSE THEN
    IF (date("Y", strtotime(FLLastEndtime)) = cr080a_year) AND (date("n", strto-
    time(FLLastEndtime)) > cr080a_month) THEN

      cr080a_warning (Section School)
      The date you entered is BEFORE the date on which you answered our previous
      survey ((date of earlier survey())). Please go back and correct your response.
    ELSEIF (date("Y", time()) = cr080a_year) AND (date("n", time()) < cr080a_month)
    THEN

      cr080a_warning2 (Section School)
      The date you entered is in the future. Please go back and correct your response.
    END OF IF
  END OF IF
  END OF IF
 END OF IF
END OF IF

preload_cr080 := getUASPreloadByCovidSuidBySurveySubset("cr080", array(350))

IF preload_cr080 IN (1,3) THEN
  uas350_endtime := getUASPreloadByCovidSuidBySurveySubset("endtime", array(350))

  IF uas350_endtime = RESPONSE THEN
```

FLUAS350 := getDateString(uas350_endtime)

cr106_month (month uas350 first positive covid in section Corona)
You previously told us on (date of earlier survey()) that you tested positive for COVID-19. On what date did you **first test positive prior to (date of earlier survey())**? If you are unsure, 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

cr106_day (day uas350 first tested positive 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

cr106_year (year uas350 first tested positive in section Corona)
2020 2020
2021 2021

END OF GROUP

IF cr106_month = RESPONSE AND cr106_year = RESPONSE AND cr106_day = RESPONSE THEN
  IF (strtotime(uas350_endtime) < strtotime(cr106_year . "-" . cr106_month . "-" . cr106_day)) THEN
    cr106_warning (Section Corona)
    The date you entered is AFTER the date on which you answered our previous survey ((date of earlier survey())). Please go back and correct your response.
  END OF IF
ELSEIF cr106_month = RESPONSE AND cr106_year = RESPONSE THEN
  IF (date("Y", strtotime(uas350_endtime)) = cr106_year) AND (date("n", strtotime(uas350_endtime)) < cr106_month) THEN
    cr106_warning (Section Corona)
    The date you entered is AFTER the date on which you answered our previous survey ((date of earlier survey())). Please go back and correct your response.
  END OF IF
END OF IF
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 ˆFLDateEarlierSurvey**)?
1 Yes
2 No
3 Unsure

cr005a (experienced cold or flu in section Corona)

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Have you experienced a cold or the flu in the last month (since (()))?
1 Yes
2 No
3 Unsure

  cr007 (think infected with coronavirus in section Corona)
  Do you think you have been infected with the coronavirus(**since ˆFLDateEarlierSurvey**)?
  1 Yes
  2 No

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

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

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, UAS344, UAS346, UAS348 or UAS350. */

IF preload_uas242_244_endtime = RESPONSE THEN

preload_cr053a := getUASPreloadByCovidSuidBySurveySubset("cr053a", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr053b := getUASPreloadByCovidSuidBySurveySubset("cr053b", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr053c := getUASPreloadByCovidSuidBySurveySubset("cr053c", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr053d := getUASPreloadByCovidSuidBySurveySubset("cr053d", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr053e := getUASPreloadByCovidSuidBySurveySubset("cr053e", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr053f := getUASPreloadByCovidSuidBySurveySubset("cr053f", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr054 := getUASPreloadByCovidSuidBySurveySubset("cr054", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346

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, UAS344,
UAS346, UAS348 or UAS350. */
IF preload_uas242_244_endtime = RESPONSE THEN

preload_cr055a := getUASPreloadByCovidSuidBySurveySubset("cr055a", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr055b := getUASPreloadByCovidSuidBySurveySubset("cr055b", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr055c := getUASPreloadByCovidSuidBySurveySubset("cr055c", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr055d := getUASPreloadByCovidSuidBySurveySubset("cr055d", ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr055e := getUASPreloadByCovidSuidBySurveySubset("cr055e", ar-

```
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr055f    :=    getUASPreloadByCovidSuidBySurveySubset("cr055f",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr055g    :=    getUASPreloadByCovidSuidBySurveySubset("cr055g",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr055h    :=    getUASPreloadByCovidSuidBySurveySubset("cr055h",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr055i    :=    getUASPreloadByCovidSuidBySurveySubset("cr055i",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr055j    :=    getUASPreloadByCovidSuidBySurveySubset("cr055j",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
```

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

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

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

- 1 Have many known harmful side effects (cr025a)

- 2 Provide important benefits to society (cr025b)

- 3 May lead to illness and death (cr025c)

- 4 Are useful and effective (cr025d)

Answer options for all questions in the series are:

- 1 Strongly disagree

- 2 Disagree

- 3 Agree

- 4 Strongly agree

*/

IF sizeof(cr025_order) = 0 THEN
  cr025_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr025_intro (Section Behavior)
Do you agree or disagree with the following statements?

Childhood vaccines, such as those for measles and chickenpox:

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 4

/* Question series cr025a to cr025d are presented in random order per variables cr025_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

Start of section **Prayer**

prayer_intro (Section Prayer)
The next several questions ask how you think about the role of prayer during the coronavirus pandemic. We are interested in your opinion regardless of your religious or spiritual background.

cr113 (closest to beliefs in section Prayer)
Which of the following comes closest to your beliefs?
1 I believe in God
2 I believe in some other higher power or spiritual force
3 I do not believe in any higher power/spiritual force
4 I'm not sure

cr107_questions := array(1 →"cr107a", 2 →"cr107b", 3 →"cr107c", 4 →"cr107d")

/* The question series cr107a to cr107d are presented in random order per variables cr107_order with values:

- 1 1 Praying regularly (cr107a)

- 2 Washing hands with soap or using hand sanitizer frequently (cr107b)

- 3 Wearing a mask or face covering (cr107c)

- 4 Getting vaccinated (cr107d)

Answer options for all questions in the series are:

- 1 Extremely effective

- 2 Somewhat effective

- 3 Somewhat ineffective

- 4 Extremely ineffective

*/

IF sizeof(cr107_order) = 0 THEN
  cr107_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr107_intro (Section Prayer)
How **effective** are the following actions to keep someone safe from coronavirus?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 4

/* Question series cr107a to cr107d are presented in random order per variables cr107_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

cr108_questions := array(1 →"cr108a", 2 →"cr108b", 3 →"cr108c", 4 →"cr108d")

/* The question series cr108a to cr108d are presented in the same random order as the cr107a to cr107d series per variables cr108_order with values:

- 1 1 Praying regularly (cr108a)

     ○ 2 Washing hands with soap or using hand sanitizer frequently (cr108b)

     ○ 3 Wearing a mask or face covering (cr108c)

     ○ 4 Getting vaccinated (cr108d)

Answer options for all questions in the series are:

     ○ 1 Extremely necessary

     ○ 2 Somewhat necessary

     ○ 3 Somewhat necessary

     ○ 4 Extremely necessary

*/

IF sizeof(cr108_order) = 0 THEN
  cr108_order := cr107_order
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr108_intro (Section Prayer)
How **necessary** are the following actions to keep someone safe from coronavirus?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 4

/* Question series cr108a to cr108d are presented in random order per variables cr108_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr109a (praying make more or less necessary hand washing in section Prayer)
Does praying regularly make hand washing or using hand sanitizer **more or less necessary**, or does it not make a difference?
1 Much more necessary
2 More necessary
3 No difference

4 Less necessary
5 Much less necessary
6 Unsure

cr109b (praying make more or less effective hand washing in section Prayer)
Does praying regularly make hand washing or using hand sanitizer **more or less effective**, or does it not make a difference?
1 Much more effective
2 More effective
3 No difference
4 Less effective
5 Much less effective
6 Unsure

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr110a (praying make more or less necessary mask covering in section Prayer)
Does praying regularly make wearing a mask or face covering **more or less necessary**, or does it not make a difference?
1 Much more necessary
2 More necessary
3 No difference
4 Less necessary
5 Much less necessary
6 Unsure

cr110b (praying make more or less effective face covering in section Prayer)
Does praying regularly make wearing a mask or face covering **more or less effective**, or does it not make a difference?
1 Much more effective
2 More effective
3 No difference
4 Less effective
5 Much less effective
6 Unsure

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr111a (praying make more or less necessary getting vaccinated in section Prayer)
Does praying regularly make getting vaccinated **more or less necessary**, or does it not make a difference?

1 Much more necessary
2 More necessary
3 No difference
4 Less necessary
5 Much less necessary
6 Unsure

cr111b (praying make more or less effective getting vaccinated in section Prayer)
Does praying regularly make getting vaccinated **more or less effective**, or does it not make a difference?
1 Much more effective
2 More effective
3 No difference
4 Less effective
5 Much less effective
6 Unsure

END OF GROUP

IF cr113 IN (1,2,4) THEN

cr112_questions := array(1 →"cr112a", 2 →"cr112b", 3 →"cr112c")

/* The question series cr112a to cr112c are presented in random order per variables cr112_order with values:

- 1 God protects someone who has faith, even if the person doesn't pray regularly (cr112a)

- 2 God protects someone who prays regularly, even if the person doesn't follow a particular religion (cr112a)

- 3 God protects someone who never prays and doesn't believe in God (cr112a)

Answer options for all questions in the series are:

- 1 Strongly agree

- 2 Somewhat agree

- 3 Somewhat disagree

- 4 Strongly disagree

*/

IF sizeof(cr112_order) = 0 THEN

cr112_order := shuffleArray(array(1 →1, 2 →2, 3 →3))

END OF IF

cr112_intro (Section Prayer)
How strongly do you agree or disagree with each of the following statements?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 3

/* Question series cr112a to cr112c are presented in random order per variables cr112_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP
END OF IF

End of section **Prayer**

preload_cr075 := getUASPreloadByCovidSuidBySurveySubset("cr075", array(340,342,344,346,347,348,349,350))

IF preload_cr075 = 1 THEN
preload_cr092 := getUASPreloadByCovidSuidBySurveySubset("cr092", array(342,344,346,347,348,349,350))

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
vaccinated := 1
preload_cr081 := getUASPreloadByCovidSuidBySurveySubset("cr081", array(340,342,344,346,348,350))
preload_cr081_other := getUASPreloadByCovidSuidBySurveySubset("cr081_other", array(340,342,344,346,348,350))

IF preload_cr081 = RESPONSE AND preload_cr081 != 99 THEN
preload_cr093 := getUASPreloadByCovidSuidBySurveySubset("cr093", array(342,344,346,348,350))

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(340,342,344,346,348,350))

IF preload_cr091 = RESPONSE THEN

preload_cr094 := getUASPreloadByCovidSuidBySurveySubset("cr094", array(342,344,346,348,350))

IF preload_cr094 = 1 THEN
cr094 := preload_cr094
ELSE

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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(340,342,344,346,348,350))

IF preload_cr076 = RESPONSE THEN
preload_cr095 := getUASPreloadByCovidSuidBySurveySubset("cr095", array(342,344,346,348,350))

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, or have you received any additional doses or boosters since then?

1 Yes, I have received this many doses
2 No, I have received additional doses/boosters since then
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 := getUASPreloadByCovidSuidBySurveySubset("cr082_month", array(340,342,344,346,348,350))
preload_cr082_day := getUASPreloadByCovidSuidBySurveySubset("cr082_day", array(340,342,344,346,348,350))

IF preload_cr082_month = RESPONSE AND preload_cr082_day = RESPONSE THEN
preload_cr096 := getUASPreloadByCovidSuidBySurveySubset("cr096", array(342,344,346,348,350))

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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_month_temp := preload_cr082_month
  cr082_day := preload_cr082_day

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

  cr082_month_temp (month first dose in section Corona)
  In a previous survey you told use when you received your **first** dose of the coronavirus vaccine. At that time we did not ask you about the year you received this dose.

  Please select the year you received your **first** dose below. The month and day are already pre-filled based on your answers in the past.
  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

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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

cr082_year (year first dose in section Corona)
2020 2020
2021 2021
2022 2022

cr082_month := cr082_month_temp
ELSE
cr082_month := preload_cr082_month
cr082_day := preload_cr082_day

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

cr082_year (year first dose in section Corona)
2020 2020
2021 2021
2022 2022

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

cr082_year (year first dose in section Corona)
2020 2020
2021 2021
2022 2022

END OF GROUP
END OF IF
END OF IF

IF cr076 > 1 THEN
preload_cr083_month := getUASPreloadByCovidSuidBySurveySubset("cr083_month", array(340,342,344,346,348,350))
preload_cr083_day := getUASPreloadByCovidSuidBySurveySubset("cr083_day", array(340,342,344,346,348,350))

IF preload_cr083_month = RESPONSE AND preload_cr083_day = RESPONSE THEN
preload_cr097 := getUASPreloadByCovidSuidBySurveySubset("cr097", array(342,344,346,348,350))

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
  cr083_year := "2021"
ELSE
  cr083_month := preload_cr083_month
  cr083_day := preload_cr083_day
  cr083_year := "2021"

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

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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

cr083_year (year second dose in section Corona)
2021 2021
2022 2022

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

cr083_year (year second dose in section Corona)
2021 2021
2022 2022

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 cr081 IN (1,2) AND cr076 $>$ 1 THEN
| vaccinated := 3
ELSEIF cr081 = 3 AND cr076 $>$ 0 THEN
| vaccinated := 3
ELSEIF cr081 IN (98,99) THEN
| IF cr091 = RESPONSE AND cr076 $\geq$ cr091 THEN
| | vaccinated := 3
| ELSEIF cr091 = RESPONSE AND cr076 $<$ cr091 THEN
| | vaccinated := 2
| ELSEIF cr091 = EMPTY AND cr076 $>$ 0 THEN
| | vaccinated := 2
| ELSE
| | vaccinated := 1
| END OF IF
ELSEIF cr081 IN (1,2) AND cr076 = 1 THEN
| vaccinated := 2
END OF IF

IF vaccinated = 3 THEN
| preload_cr102 := getUASPreloadByCovidSuidBySurveySubset("cr102", array(350))

| IF preload_cr102 = 1 THEN
| | cr102 := preload_cr102
| ELSE
| | **cr102** (received booster in section Behavior)
| | A booster is an additional vaccine dose for someone who is already fully vaccinated.
| | Have you received a booster shot of the coronavirus vaccine?
| | 1 Yes
| | 2 No
| | 3 Unsure
| END OF IF

| IF cr102 = 1 THEN
| | preload_cr103_month := getUASPreloadByCovidSuidBySurveySubset("cr103_month", array(350))
| | preload_cr103_day := getUASPreloadByCovidSuidBySurveySubset("cr103_day", array(350))

| | IF preload_cr103_month = RESPONSE AND preload_cr103_day = RESPONSE THEN

```
cr103_month := preload_cr103_month
cr103_day := preload_cr103_day
cr103_year := "2021"
```
ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr103_month (month booster in section Behavior)
When did you receive your booster shot 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

cr103_day (day booster in section Behavior)
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

        cr103_year (year booster in section Corona)
        2021 2021
        2022 2022

    END OF GROUP
  END OF IF
ELSEIF cr102 = 2 THEN
    cr104 (how likely receive a booster shot when available in section Behavior)
    How likely are you to receive a booster shot of the coronavirus vaccine when it becomes available to you?
    1 Very unlikely
    2 Somewhat unlikely
    3 Somewhat likely
    4 Very likely
    5 Unsure
  END OF IF
 END OF IF
ELSE
 vaccinated := 1
END OF IF

Start of section **Mandates**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

 md001_intro (Section Mandates)
 Do you currently support or oppose requiring U.S. adults to be **fully vaccinated** against COVID-19 to do the following activities?

SUBGROUP OF QUESTIONS

 md001a (vaccinated travel on an airplane in section Mandates)
 Travel on an airplane
 1 Support
 2 Neither support nor oppose

3 Oppose

md001b (vaccinated attend an indoor public event in section Mandates)
Attend a large public event, like a concert or sporting event
1 Support
2 Neither support nor oppose
3 Oppose

md001c (vaccinated go to a bar or restaurant in section Mandates)
Go to a bar or restaurant
1 Support
2 Neither support nor oppose
3 Oppose

md001d (vaccinated go to a retail store, movie theater, or museum in section Mandates)
Go to a retail store, movie theater, or museum
1 Support
2 Neither support nor oppose
3 Oppose

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

md002_intro (Section Mandates)
For each of the following types of schools, should students **who are eligible for the coronavirus vaccine** be required to be **fully vaccinated** to attend school in person?

SUBGROUP OF QUESTIONS

md002a (vaccinated attend preschool in section Mandates)
Preschool
1 Yes
2 No
3 Unsure

md002b (vaccinated elementary school in section Mandates)
Elementary school
1 Yes
2 No
3 Unsure

md002c (vaccinated attend middle or high school in section Mandates)
Middle or high school
1 Yes
2 No
3 Unsure

md002d (vaccinated attend college in section Mandates)
College
1 Yes
2 No
3 Unsure

md003_intro (Section Mandates)
Do you currently support or oppose requiring the following categories of workers to be **fully vaccinated** against COVID-19?

md003a (vaccinated hospital or other health care workers in section Mandates)
Hospital or other health care workers
1 Support
2 Neither support nor oppose
3 Oppose

md003b (vaccinated workers who interact with the public, such as restaurant or retail workers in section Mandates)
Workers who interact with the public, such as restaurant or retail workers
1 Support
2 Neither support nor oppose
3 Oppose

md003c (vaccinated members of the military in section Mandates)
Members of the military
1 Support
2 Neither support nor oppose
3 Oppose

md003d (vaccinated government workers, such as fire fighters or police officers in section Mandates)

Government workers, such as fire fighters or police officers
1 Support
2 Neither support nor oppose
3 Oppose

md003e (vaccinated teachers and school staff in section Mandates)
Teachers and school staff
1 Support
2 Neither support nor oppose
3 Oppose

md003f (vaccinated workers who do not interact with the public, such as office workers in section Mandates)
Workers who do not interact with the public, such as office workers
1 Support
2 Neither support nor oppose
3 Oppose

md003g (vaccinated taxi or rideshare (Lyft, Uber, etc.) drivers in section Mandates)
Taxi or rideshare (Lyft, Uber, etc.) drivers
1 Support
2 Neither support nor oppose
3 Oppose

md011 (support existing school vaccinations in section Mandates)
Many states require children to receive vaccinations against diseases such as measles, mumps, rubella, diphtheria, pertussis, and tetanus before they can attend school. In general, do you support or oppose these requirements?
1 Support
2 Neither support nor oppose
3 Oppose
4 Unsure

md004_intro (Section Mandates)
Do you currently support or oppose requiring U.S. adults to **wear a mask** to do the following activities:

md004a (wear a mask travel on an airplane in section Mandates)
Travel on an airplane?
1 Support
2 Neither support nor oppose
3 Oppose

md004b (wear a mask attend a large public event, like a concert or sporting event in section Mandates)
Attend a large public event, like a concert or sporting event?
1 Support
2 Neither support nor oppose
3 Oppose

md004c (wear a mask go to a bar or restaurant in section Mandates)
Go to a bar or restaurant?
1 Support
2 Neither support nor oppose
3 Oppose

md004d (wear a mask go to a retail store, movie theater, or museum in section Mandates)
Go to a retail store, movie theater, or museum?
1 Support
2 Neither support nor oppose
3 Oppose

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

md005_intro (Section Mandates)
Do you currently support or oppose requiring students to **wear a mask** to attend each of the following types of schools?

SUBGROUP OF QUESTIONS

md005a (wear a mask attend preschool in section Mandates)
Preschool
1 Support
2 Neither support nor oppose

3 Oppose

md005b (wear a mask elementary school in section Mandates)
Elementary school
1 Support
2 Neither support nor oppose
3 Oppose

md005c (wear a mask attend middle or high school in section Mandates)
Middle or high school
1 Support
2 Neither support nor oppose
3 Oppose

md005d (wear a mask attend college in section Mandates)
College
1 Support
2 Neither support nor oppose
3 Oppose

md006_intro (Section Mandates)
Do you currently support or oppose requiring the following workers to **wear a mask** while they are at work?

md006a (wear a mask hospital or other health care workers in section Mandates)
Hospital or other health care workers
1 Support
2 Neither support nor oppose
3 Oppose

md006b (wear a mask restaurant or retail workers in section Mandates)
Restaurant or retail workers
1 Support
2 Neither support nor oppose
3 Oppose

md006c (wear a mask members of the military in section Mandates)

Members of the military
1 Support
2 Neither support nor oppose
3 Oppose

md006d (wear a mask government workers, such as fire fighters or police officers in section Mandates)
Government workers, such as fire fighters or police officers
1 Support
2 Neither support nor oppose
3 Oppose

md006e (wear a mask teachers and school staff in section Mandates)
Teachers and school staff
1 Support
2 Neither support nor oppose
3 Oppose

md006f (wear a mask workers who do not interact with the public, such as office workers in section Mandates)
Workers who do not interact with the public, such as office workers
1 Support
2 Neither support nor oppose
3 Oppose

md006g (wear a mask taxi or rideshare (Lyft, Uber, etc.) drivers in section Mandates)
Taxi or rideshare (Lyft, Uber, etc.) drivers
1 Support
2 Neither support nor oppose
3 Oppose

md007_intro (Section Mandates)
In your community, how often are people required to **wear a mask** to do the following activities:

md007a (required wear a mask travel on an airplane in section Mandates)
Travel on an airplane?
1 Always
2 Sometimes
3 Rarely
4 Never
5 Unsure

md007b (required wear a mask attend a large public event, like a concert or sporting event in section Mandates)
Attend a large public event, like a concert or sporting event?
1 Always
2 Sometimes
3 Rarely
4 Never
5 Unsure

md007c (required wear a mask go to a bar or restaurant in section Mandates)
Go to a bar or restaurant?
1 Always
2 Sometimes
3 Rarely
4 Never
5 Unsure

md007d (required wear a mask go to a retail store, movie theater, or museum in section Mandates)
Go to a retail store, movie theater, or museum?
1 Always
2 Sometimes
3 Rarely
4 Never
5 Unsure

END OF SUBGROUP

END OF GROUP

IF vaccinated != 3 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

md008_intro (Section Mandates)
Governments and other organizations may require people to be fully vaccinated before they can participate in various activities. For each activity below, would a require-

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ment to be fully vaccinated increase your chance of becoming fully vaccinated yourself?

md008a (if required get vaccinated travel on an airplane in section Mandates)
Travel on an airplane
1 Yes
2 No
3 Unsure

md008b (if required get vaccinated attend large public events in section Mandates)
Attend large public events, like concerts or sporting events
1 Yes
2 No
3 Unsure

md008c (if required get vaccinated go to a retail store, movie theater, or museum in section Mandates)
Go to a retail store, movie theater, or museum
1 Yes
2 No
3 Unsure

md008d (if required get vaccinated go to a bar or restaurant in section Mandates)
Go to a bar or restaurant
1 Yes
2 No
3 Unsure

md008e (if required get vaccinated work in your current job in section Mandates)
Work in your current job
1 Yes
2 No
3 Unsure

md008f (if required get vaccinated attend college in section Mandates)
Attend college
1 Yes
2 No
3 Unsure

md008g (if required get vaccinated attend an event at child's school in section

Mandates)
Attend an event at your child's school
1 Yes
2 No
3 Unsure

md010 (FDA approval change likelihood of becoming fully vaccinated in section Mandates)
Does the FDA approval or coronavirus vaccines make it more likely or less likely that you will become fully vaccinated?
1 Much more likely
2 Somewhat more likely
3 No difference
4 Somewhat less likely
5 Much less likely
6 Unsure
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

md009_intro (Section Mandates)
Governments and other organizations may require people to wear a mask in order to participate in various activities. For each activity below, would you wear a mask if you were required to in order to participate?

SUBGROUP OF QUESTIONS

md009a (if required wear mask travel on an airplane in section Mandates)
Travel on an airplane
1 Yes, regardless of whether I was required
2 Yes, only if I was required
3 No
4 Unsure
5 Not applicable

md009b (if required wear mask attend large public events in section Mandates)
Attend large public events, like concerts or sporting events
1 Yes, regardless of whether I was required
2 Yes, only if I was required
3 No
4 Unsure

5 Not applicable

md009c (if required wear mask go to a retail store, movie theater, or museum in section Mandates)
Go to a retail store, movie theater, or museum
1 Yes, regardless of whether I was required
2 Yes, only if I was required
3 No
4 Unsure
5 Not applicable

md009d (if required wear mask go to a bar or restaurant in section Mandates)
Go to a bar or restaurant
1 Yes, regardless of whether I was required
2 Yes, only if I was required
3 No
4 Unsure
5 Not applicable

md009e (if required wear mask work in your current job in section Mandates)
Work in your current job
1 Yes, regardless of whether I was required
2 Yes, only if I was required
3 No
4 Unsure
5 Not applicable

md009f (if required wear mask attend college in section Mandates)
Attend college
1 Yes, regardless of whether I was required
2 Yes, only if I was required
3 No
4 Unsure
5 Not applicable

md009g (if required wear mask attend an event at child school in section Mandates)
Attend an event at your child's school
1 Yes, regardless of whether I was required
2 Yes, only if I was required
3 No
4 Unsure
5 Not applicable

END OF SUBGROUP

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End of section **Mandates**

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:

- 1 1 Have many known harmful side effects (cr072a)

- 2 Provide important benefits to society (cr072b)

- 3 May lead to illness and death (cr072c)

- 4 Are useful and effective (cr072d)

Answer options for all questions in the series are:

- 1 Strongly disagree

- 2 Somewhat disagree

- 3 Somewhat agree

- 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

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 Behavior)
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 Behavior)
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

cr105 (trust in covid-19 booster shots in section Behavior)
Booster shots are additional vaccine doses for people who are already fully vaccinated.
How much do you trust that COVID-19 booster shots are safe for the public?
1 Fully trust
2 Mostly trust
3 Somewhat trust
4 Do not trust

End of section **Behavior**

Start of section **Abuse**

/* 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,
UAS344, UAS346, UAS348 or UAS350. */
IF preload_uas242_244_endtime = RESPONSE THEN

preload_cr056a := getUASPreloadByCovidSuidBySurveySubset("cr056a", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr056b := getUASPreloadByCovidSuidBySurveySubset("cr056b", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr056c := getUASPreloadByCovidSuidBySurveySubset("cr056c", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr056d := getUASPreloadByCovidSuidBySurveySubset("cr056d", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr056e := getUASPreloadByCovidSuidBySurveySubset("cr056e", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr056f := getUASPreloadByCovidSuidBySurveySubset("cr056f", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr056g := getUASPreloadByCovidSuidBySurveySubset("cr056g", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr056h := getUASPreloadByCovidSuidBySurveySubset("cr056h", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr056i := getUASPreloadByCovidSuidBySurveySubset("cr056i", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr056i_other := getUASPreloadByCovidSuidBySurveySubset("cr056i_other", array(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346

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?

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

/* 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, UAS344, UAS346, UAS348 or UAS350. */
IF preload_uas242_244_endtime = RESPONSE THEN

```
preload_cr057a    :=    getUASPreloadByCovidSuidBySurveySubset("cr057a",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr057b    :=    getUASPreloadByCovidSuidBySurveySubset("cr057b",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr057c    :=    getUASPreloadByCovidSuidBySurveySubset("cr057c",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr057d    :=    getUASPreloadByCovidSuidBySurveySubset("cr057d",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr057e    :=    getUASPreloadByCovidSuidBySurveySubset("cr057e",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr057f    :=    getUASPreloadByCovidSuidBySurveySubset("cr057f",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr057g    :=    getUASPreloadByCovidSuidBySurveySubset("cr057g",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr057h    :=    getUASPreloadByCovidSuidBySurveySubset("cr057h",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr057i    :=    getUASPreloadByCovidSuidBySurveySubset("cr057i",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
```

END OF IF

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:

- 1 I tend to bounce back quickly after hard times (cr053a)

- 2 I have a hard time making it through stressful events (cr053b)

- 3 It does not take me long to recover from a stressful event (cr053c)

- 4 It is hard for me to snap back when something bad happens (cr053d)

- 5 I usually come through difficult times with little trouble (cr053e)

- 6 I tend to take a long time to get over set-backs in my life (cr053f)

Answer options for all questions in the series are:

- 1 Strongly disagree

- 2 Disagree

3 Neutral as follows

○ 3 Neutral

○ 4 Agree

○ 5 Strongly agree

*/

IF sizeof(cr053_order) = 0 THEN
| cr053_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr053_intro (Section Abuse)
How strongly do you agree or disagree with each of the following statements?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 6

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

END OF LOOP

END OF SUBGROUP

END OF GROUP
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 conditoons in section Abuse)
Have you ever been told by a doctor, nurse, or other health professional that you have any of the following medical conditions? (please select all that apply)
1 Diabetes
2 Cancer (other than skin cancer)
3 Heart disease
4 High blood pressure
5 Asthma
6 Chronic lung disease such as COPD or emphysema
7 Kidney disease
8 Autoimmune disorder such as rheumatoid arthritis or Crohn's Disease
9 A mental health condition
10 Obesity
11 None of the above
ELSE
  cr054 := preload_cr054
END OF IF

IF preload_cr056a = EMPTY AND preload_cr056b = EMPTY AND preload_cr056c = EMPTY AND preload_cr056d = EMPTY AND preload_cr056e = EMPTY AND preload_cr056f =

EMPTY AND preload_cr056g = EMPTY AND preload_cr056h = EMPTY AND preload_cr056i = EMPTY THEN

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

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

- 1 An anxiety disorder (cr056a)

- 2 Attention deficit hyperactivity disorder (ADHD) (cr056b)

- 3 Bipolar disorder (cr056c)

- 4 An eating disorder (cr056d)

- 5 Depression or another depressive disorder (cr056e)

- 6 Obsessive-compulsive disorder (OCD) (cr056f)

- 7 Post-traumatic stress disorder (PTSD) (cr056g)

- 8 Schizophrenia or another psychotic disorder (cr056h)

- 9 Other (cr056i)

Answer options for all questions in the series are:

- 1 Yes

- 2 No

- 3 Unsure

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

IF sizeof(cr056_order) = 0 THEN
cr056_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8))
cr056_order(9) := 9
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr056_intro (Section Abuse)
Which of the following mental health conditions has a doctor or another health profes-sional 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

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

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

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

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

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

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

/* 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, UAS344, UAS346, UAS348 or UAS350. */

IF preload_uas242_244_endtime = RESPONSE THEN

preload_cr060 := getUASPreloadByCovidSuidBySurveySubset("cr060", ar-ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr060_other := getUASPreloadByCovidSuidBySurveySubset("cr060_other", ar-ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr061 := getUASPreloadByCovidSuidBySurveySubset("cr061", ar-ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346
preload_cr061_other := getUASPreloadByCovidSuidBySurveySubset("cr061_other", ar-ray(242,244,246,248,250,252,254,256,258,260,262,264,266,268,270,272,274,276,278,280,282,340,342,344,346

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 the following variables are preloaded from the last completed survey (per variable lastcompletedcovidsurvey) and used to construct a corrected_hadjob variable:

 ○ preload_hadjob: 1 Yes, 2 No

 ○ 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”.

○ 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_lr003a: Do you currently have a job? "1 Yes", "2 No";

○ preload_lr003aa: "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", and "6 None of these";

○ preload_lr003bb: "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", and "6 None of these";

○ preload_lr003cc: "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_lr003dd: "1 I am still retired", "2 I now have a job", "3 I am unemployed and looking for work", and "4 None of these";

○ preload_laborstatus_covid: a constructed labor status indicator which takes into account any information provided as part of an 'Other labor status' answer to recode the labor status into one of the specific categories; takes a value of "1 Currently working", "2 Sick or other leave", "3 Unemployed - temp layoff", "4 Unemployed - looking", "5 Retired", "6 Not in labor force (and not retired)", and "7 Unknown"

*/

```
lastcompletedcovidsurvey := getLastCompletedSurvey()
preload_hadjob := getUASPreloadByCovidSuidBySurveySubset("cr008", array(lastcompletedcovidsurvey))
preload_lr001 := getUASPreloadByCovidSuidBySurveySubset("lr001", array(lastcompletedcovidsurvey))
preload_lr003 := getUASPreloadByCovidSuidBySurveySubset("lr003", array(lastcompletedcovidsurvey))
preload_lr003a := getUASPreloadByCovidSuidBySurveySubset("lr003a", array(lastcompletedcovidsurvey))
preload_lr003aa := getUASPreloadByCovidSuidBySurveySubset("lr003aa", array(lastcompletedcovidsurvey))
preload_lr003bb := getUASPreloadByCovidSuidBySurveySubset("lr003bb", array(lastcompletedcovidsurvey))
preload_lr003cc := getUASPreloadByCovidSuidBySurveySubset("lr003cc", array(lastcompletedcovidsurvey))
preload_lr003dd := getUASPreloadByCovidSuidBySurveySubset("lr003dd", array(lastcompletedcovidsurvey))
preload_lr003ee := getUASPreloadByCovidSuidBySurveySubset("lr003ee", array(lastcompletedcovidsurvey))
preload_laborstatus_covid := getLastCovidLaborStatus()
corrected_hadjob := preload_hadjob

IF corrected_hadjob != 1 AND preload_lr003 = 2 THEN
  corrected_hadjob := 1
```

END OF IF

IF corrected_hadjob != 1 AND preload_lr003a = 1 THEN
  corrected_hadjob := 1
END OF IF

IF corrected_hadjob != 1 AND preload_lr003aa IN (1,5) THEN
  corrected_hadjob := 1
END OF IF

IF corrected_hadjob != 1 AND preload_lr003bb IN (1,5) THEN
  corrected_hadjob := 1
END OF IF

IF corrected_hadjob != 1 AND preload_lr003cc = 2 THEN
  corrected_hadjob := 1
END OF IF

IF corrected_hadjob != 1 AND preload_lr003dd = 2 THEN
  corrected_hadjob := 1
END OF IF

IF corrected_hadjob != 1 AND preload_lr003ee = 1 THEN
  corrected_hadjob := 1
END OF IF

IF corrected_hadjob != 1 AND preload_laborstatus_covid = 1 THEN
  corrected_hadjob := 1
END OF IF

IF corrected_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

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 corrected_hadjob = RESPONSE THEN
    IF preload_lr001 = 3 OR preload_lr003aa = 2 OR preload_lr003bb = 4 OR preload_lr003ee = 3 OR preload_laborstatus_covid = 3 THEN
      GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

      lr003aa (job status after laid off in section Labor)
      You told us on (ˆ**FLDateEarlierSurvey**) that you were temporarily laid off from your job. Which statement best reflects your current employment status?
      1 I have resumed working at the same job
      2 I am still temporarily laid off from the same job
      3 I have lost my job and I am looking for work
      4 I am on sick leave or other leave from the same job
      5 I am now working at a different job
      6 None of these, please specify:

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

      END OF GROUP
    ELSEIF preload_lr001 = 4 OR preload_lr003bb = 2 OR preload_lr003aa = 4 OR preload_lr003ee = 2 OR preload_laborstatus_covid = 2 THEN
      GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr003bb (job status after sick leave in section Labor)
You told us on (ˆ**FLDateEarlierSurvey**) that you were on sick leave or other leave from your job. Which statement best reflects your current employment status?
1 I have resumed working at the same job
2 I am still on sick leave or other leave from the same job
3 I have lost my job and I am looking for work
4 I have been temporarily laid off from the same job
5 I am now working at a different job
6 None of these, please specify:

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

ELSE
IF preload_lr001 = 7 OR preload_lr003 = 4 OR preload_lr003cc = 1 OR preload_lr003dd = 4 OR preload_lr003ee = 5 OR preload_laborstatus_covid = 5 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr003cc (job status after retired in section Labor)
You told us on (ˆ**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

ELSEIF preload_lr003 = 5 OR preload_lr003dd = 1 OR preload_lr003ee = 6 OR preload_laborstatus_covid = 6 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr003dd (job status after not in labor force in section Labor)
You told us on (ˆ**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

ELSEIF preload_laborstatus_covid = 7 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr003ee (job status unknown labor force status in section Labor)
Which statement best reflects your current employment status?
1 I have a job
2 I am on sick or other leave
3 I am temporarily laid off from my job
4 I am unemployed and looking for work
5 I am retired
6 I am not in the labor force (not currently working and not looking for work)
7 None of these, please specify:

lr003ee_other (other job status unknown labor status 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
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr003ee (job status unknown labor force status in section Labor)
Which statement best reflects your current employment status?
1 I have a job
2 I am on sick or other leave
3 I am temporarily laid off from my job
4 I am unemployed and looking for work
5 I am retired
6 I am not in the labor force (not currently working and not looking for work)
7 None of these, please specify:

lr003ee_other (other job status unknown labor status in section Labor)
STRING

END OF GROUP
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:

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

- OR the respondent did not have a job per corrected_hadjob (corrected_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)

- OR the respondent did not have a job per corrected_hadjob (corrected_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)

- OR the respondent is known to have had a job or not per corrected_hadjob (corrected_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)

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

- OR the respondent did not have a job per corrected_hadjob (corrected_hadjob=2), was not temporarily laid off (preload_lr001!=3), was not on sick leave (preload_lr001!=4) and now says they have a job (lr003=2)

- OR it is unknown if the respondent had a job or not per corrected_hadjob and now says they have a job (lr003a=1)

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*/

lr004 := 2

IF (corrected_hadjob = 1 AND (lr001 = 1 OR lr001 = 5)) THEN
| lr004 := 1
ELSEIF (corrected_hadjob = 2 AND preload_lr001 = 3 AND lr003aa IN (1,5)) THEN
| lr004 := 1
ELSEIF (corrected_hadjob = 2 AND preload_lr001 = 4 AND lr003bb IN (1,5)) THEN
| lr004 := 1
ELSEIF (corrected_hadjob = RESPONSE AND preload_lr001 != 3 AND preload_lr001 != 4 AND preload_lr003 = 4 AND lr003cc = 2) THEN
| lr004 := 1
ELSEIF (corrected_hadjob = RESPONSE AND preload_lr001 != 3 AND preload_lr001 != 4 AND preload_lr003 = 5 AND lr003dd = 2) THEN
| lr004 := 1
ELSEIF (corrected_hadjob = 2 AND preload_lr001 != 3 AND preload_lr001 != 4 AND lr003 = 2) THEN
| lr004 := 1
ELSEIF (corrected_hadjob = EMPTY AND lr003ee = 1) THEN
| lr004 := 1
ELSEIF lr003 = 2 THEN
| lr004 := 1
ELSEIF lr003aa IN (1,5) THEN
| lr004 := 1
ELSEIF lr003bb IN (1,5) THEN
| lr004 := 1
ELSEIF lr003cc = 2 THEN
| lr004 := 1
ELSEIF lr003dd = 2 THEN
| lr004 := 1
ELSEIF lr003ee = 1 THEN
| lr004 := 1
ELSEIF lr001 IN (1,5) THEN
| lr004 := 1
END OF IF

IF lr004 = 1 THEN

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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

lr019 (describe primary job in section Labor)
Do any of the following describe your primary job? Please check all that apply.
1 Independent contractor (for example, freelance worker, Uber driver, Instacart worker, independent consultant)
2 On-call worker or day laborer
3 Temporary agency worker
4 Contract company worker
5 None of the above

lr006 (how many day work past seven days in section Labor)
Out of the **past seven days**, how many days did you work at your job?

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

lr008 (home many hours work for pay past 7 days in section Labor)
Think of every day you worked in the **past seven days**. How many total hours did you work for pay across all the days?
RANGE 0..150

lr007 (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

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2 2 days
3 3 days
4 4 days
5 5 days
6 6 days
7 7 days

IF lr007 = 0 THEN
lb004 (able to work from home in section Labor)
Consider your current job. Are you able to do that job from home at least partially?

(For example, a bartender is not able to do their job from home; an administrative assistant working in an office should be able to work from home, at least partially)
1 Yes
2 No
END OF IF

IF lr007 > 0 OR (lr007 = 0 AND lb004 = 1) THEN
lb005 (how often like to work from home in section Labor)
Looking ahead to the next three months, how often would you like to work from home, whether you think you will be able to or not?
1 5+ days per week
2 4 days per week
3 3 days per week
4 2 days per week
5 1 day per week
6 Less than 1 day per week
7 Never

IF lr005 = 2 THEN
lb006 (how often employer planning to work from home next six months in section Labor)
Looking ahead to the next three months, how often is your employer planning for you to work from home?
1 5+ days per week
2 4 days per week
3 3 days per week
4 2 days per week
5 1 day per week
6 Less than 1 day per week
7 Never
8 I don't know
END OF IF

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr010 (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)

lr010_other (how frequently paid other in section Labor)
How frequently are you paid?
STRING

END OF GROUP

LOOP FROM 1 TO 5

lr011 (amount most recent paycheck in section Labor)
What was the amount on your most recent paycheck?
RANGE 0..10000000

IF lr011 > 50000 THEN

check_lr011 (amount over 50k in section Labor)
You entered an amount over $50,000. Is this correct?
1 Yes
2 No

ELSEIF lr011 = RESPONSE AND lr011 < 30 THEN

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

IF lr011a != 2 THEN

l

| END OF IF

ELSE

|

END OF IF

END OF LOOP

lr012_ask := 2

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

IF lr011 = EMPTY OR (lr011 = RESPONSE AND lr011 < 30 AND lr011a = 4) THEN
  IF lr010 = 1 THEN
    lr011b_i (paycheck monthly in section Labor)
    For the most recent paycheck for your job, would you say the amount was
    1 Lower than $1,500
    2 Between $1,500 and $3,000
    3 Between $3,000 and $4,500
    4 Between $4,500 and $6,000
    5 Higher than $6,000
    6 Prefer not to answer
    7 Don't know

    IF lr011b_i IN (1,2,3,4,5) THEN
    | lr012_ask := 1
    END OF IF
  ELSEIF lr010 IN (2,6) THEN
    lr011b_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 lr011b_ii IN (1,2,3,4,5) THEN

```
    | lr012_ask := 1
    | END OF IF
ELSEIF lr010 = 3 THEN
    lr011b_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 lr011b_iii IN (1,2,3,4,5) THEN
    | lr012_ask := 1
    END OF IF
ELSEIF lr010 = 4 THEN
    lr011b_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 lr011b_iv IN (1,2,3,4,5) THEN
    | lr012_ask := 1
    END OF IF
ELSEIF lr010 = 5 THEN
    lr011b_v (paycheck other frequency in section Labor)
    For the most recent paycheck for your job, would you say the amount was
    1 Lower than $375
    2 Between $375 and $750
    3 Between $750 and $1,500
    4 Between $1,500 and $3,000
    5 Higher than $3,000
    6 Prefer not to answer
    7 Don't know

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

| END OF IF
| END OF IF
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

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

  lr015 (percent chance you lose your job in section Labor)
  The coronavirus may cause economic challenges for some people regardless of whether they are actually infected.

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

  cr_error (Section Corona)
  Please enter a number between 0% and 100%.

END OF GROUP

lr026 (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

End of section **Labor**

Start of section **Economic**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

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

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

cr_error (Section Corona)
Please enter a number between 0% and 100%.

END OF GROUP

ei002 (worried you would run out of food in section Economic)
In the **past seven days**, were you worried you would run out of food because of a lack of money or other resources?
1 Yes
2 No
3 Unsure

ei003 (did you eat less in section Economic)
In the **past seven days**, did you eat less than you thought you should because of a lack of money or other resources?
1 Yes
2 No
3 Unsure

ei004 (did you go without eating in section Economic)
In the **past seven days**, did you go without eating for a whole day because of a lack of

money or other resources?
1 Yes
2 No
3 Unsure

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

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

section Economic)
(Since ÊLDateEarlierSurvey/Since April 1, 2020), 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

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

ei020_intro (My neighborhood is clean in section Economic)
Do you agree or disagree with each of the following statements?

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 section **Economic**

school_begin := date("Y-m-d H:i:s")
educationreward := '0'

sl082 (number of hh members 5-18 years old in section School)
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
 Fill code of question FL_sl082 executed

 sl082a (number of hh members in k-12 in section School)
 How many of these children are currently enrolled in grades K-12?
 0 0
 1 ((1))
 2 ((2))
 3 ((3))
 4 ((4))
 5 ((5))
 6 ((6))
 7 ((7))
 8 ((8))
 9 ((9))
 10 ((10))

 IF sl082a > 0 THEN
 IF lr004 = 1 THEN
   lr026c_2 (how flexible work schedule to accommodate children school and aftercare
   hours in section School)
   On a scale from 1 to 10, how flexible is your work schedule to accommodate your
   children's current school and aftercare hours?

   1 1 Not flexible at all
   2 2

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

lr026c_3 (how flexible work schedule to accommodate possible school closures due to COVID infections in section School)
On a scale from 1 to 10, how flexible is your work schedule to accommodate possible school closures or mandatory absences due to COVID infections?

1 1 Not flexible at all
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10 Extremely flexible

END OF IF

/* 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 UAS414, UAS350, UAS348, UAS346 and then UAS344) and this child is still in grades K-12 (per variable sl055), 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. */

preload_selectedchild := getUASPreloadByCovidSuidBySurveySubset("selectedchild", array(344,346,348,350,414))

IF preload_selectedchild = RESPONSE THEN

preload_selectednames := getUASPreloadByCovidSuidBySurveySubset("selectednames", array(344,346,348,350,414), 2)

sl055 (random selected child still in k-12 in section School)
Over the past few months, you have answered questions about **(previous survey k-12 selected names(preload_selectedchild))**'s school experiences. Is (previous

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survey k-12 selected names(preload_selectedchild)) still a student in elementary, middle, or high school for the 2021-22 school year?
1 Yes
2 No

IF sl055 = 2 THEN
| haveselectedchild := 2
| selectedchild := empty
ELSE
| selectedchild := preload_selectedchild
| selectednames := preload_selectednames
| haveselectedchild := 1
END OF IF
END OF IF

IF selectedchild = EMPTY THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sl015b_intro (Section School)
You said that (number of hh members in k-12()) 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 SL082A

sl015b (name student in section School)
STRING

END OF LOOP

END OF GROUP

LOOP FROM 1 TO SL082A

IF sl015b(checkcnt) = EMPTY THEN

IF sl082a > 1 THEN

checkcntwarning (Section School)
You said that (number of hh members in k-12()) household members are currently in grades K-12. Please go back and give all of their names or nicknames OR click "Next" to continue.

ELSE

checkcntwarning_single (Section School)
You said that (number of hh members in k-12()) 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 SL082A

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

I

END OF IF

END OF LOOP
END OF IF
END OF IF

IF selectedchild = RESPONSE AND selectednames(selectedchild) = RESPONSE THEN
sl056 (grade of selected child in section School)
In what grade is **((selectedchild))** this year (the 2021-2022 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

sl057a (enrolled in any type of school in section School)
Is **((selectedchild))** enrolled in a public, private, charter or virtual school for the 2021-22 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)
STRING

IF sl057a = 1 THEN
sl058a (kind of school enrolled in in section School)
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)
Approximately what percent of the students at **((selectedchild))**'s school are currently attending school in person?
RANGE 0..100

sl061a (how currently attending school in section School)
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)
STRING

END OF GROUP
END OF IF

sv001 (how old selected child in section School)
How old is **((selectedchild))**?
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

sv009 (tested positive covid selected child in section School)
Has **((selectedchild))** tested positive for the coronavirus?
1 Yes
2 No
3 Unsure

IF sv009 = 1 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sv010_month (month selected child first positive covid in section School)
On what date did **((selectedchild))** first test positive?
1 January
2 February

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

sv010_day (day selected child first positive covid in section School)
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

sv010_year (year selected child first positive covid in section School)

2020 2020
2021 2021
2022 2022

END OF GROUP

IF sv010_month = RESPONSE AND sv010_year = RESPONSE AND sv010_day = RESPONSE THEN

IF (strtotime(sv010_year . "-" . sv010_month . "-" . sv010_day) > time()) THEN

sv_date_warning2 (Section School)
The date you entered is in the future. Please go back and correct your response.

END OF IF

ELSEIF sv010_month = RESPONSE AND sv010_year = RESPONSE THEN

IF (date("Y", time()) = sv010_year) AND (date("n", time()) < sv010_month) THEN

sv_date_warning2 (Section School)
The date you entered is in the future. Please go back and correct your response.

END OF IF

END OF IF

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sv011_intro (Section School)
Do you agree or disagree with the following statements?

SUBGROUP OF QUESTIONS

sv011a (feel responsible is vaccinated for the coronavirus and becomes sick in section School)
I would feel responsible if **((selectedchild))** were vaccinated for the coronavirus and became sick
1 Strongly disagree
2 Disagree
3 Agree
4 Strongly agree

sv011b (feel responsible is not vaccinated for the coronavirus and becomes sick in section School)
I would feel responsible if **((selectedchild))** were not vaccinated for the coronavirus and became sick
1 Strongly disagree
2 Disagree
3 Agree

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4 Strongly agree

sv011c (long term risk worse with vaccine than without it in section School)
The long-term risk to **((selectedchild))** would be worse with the coronavirus vaccine than without it
1 Strongly disagree
2 Disagree
3 Agree
4 Strongly agree

END OF SUBGROUP

END OF GROUP

sv002 (vaccinated selected child in section School)
Has **((selectedchild))** gotten vaccinated for the coronavirus?
1 Yes
2 No
3 Unsure

IF sv002 = 1 THEN
   sv003 (how many doses vaccinated selected child in section School)
   How many doses of the vaccine has **((selectedchild))** received?
   0 0
   1 1
   2 2
   3 3
   4 4 or more

   IF sv003 = 0 THEN
      sv003_warning (how many doses vaccinated selected child in section School)
      You said **((selectedchild))** was vaccinated but that he or she received zero vaccine doses. Please go back and correct your answers.
   END OF IF

   IF sv003 > 0 THEN
      GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

      sv004_month (month first dose selected child in section School)
      When did **((selectedchild))** receive his or her **first** dose?
      1 January
      2 February
      3 March
      4 April

5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

sv004_day (day first dose selected child in section School)
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

sv004_year (year first dose selected child in section School)
2021 2021

| 2022 2022

IF sv004_month = RESPONSE AND sv004_year = RESPONSE AND sv004_day = RESPONSE THEN
  IF (strtotime(sv004_year . "-" . sv004_month . "-" . sv004_day) > time()) THEN
    sv_date_warning2 (Section School)
    The date you entered is in the future. Please go back and correct your response.
  END OF IF
ELSEIF sv004_month = RESPONSE AND sv004_year = RESPONSE THEN
  IF (date("Y", time()) = sv004_year) AND (date("n", time()) < sv004_month) THEN
    sv_date_warning2 (Section School)
    The date you entered is in the future. Please go back and correct your response.
  END OF IF
END OF IF
END OF IF

IF sv003 > 1 THEN
  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

  sv005_month (month second dose selected child in section School)
  When did **((selectedchild))** receive his or her **second** dose?
  1 January
  2 February
  3 March
  4 April
  5 May
  6 June
  7 July
  8 August
  9 September
  10 October
  11 November
  12 December

  sv005_day (day second dose selected child in section School)
  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

sv005_year (year second dose selected child in section School)
2021 2021
2022 2022

END OF GROUP

IF sv005_month = RESPONSE AND sv005_year = RESPONSE AND sv005_day = RESPONSE THEN
  IF (strtotime(sv005_year . "-" . sv005_month . "-" . sv005_day) > time()) THEN
    sv_date_warning2 (Section School)
    The date you entered is in the future. Please go back and correct your response.
  END OF IF
ELSEIF sv005_month = RESPONSE AND sv005_year = RESPONSE THEN
  IF (date("Y", time()) = sv005_year) AND (date("n", time()) < sv005_month) THEN

sv_date_warning2 (Section School)
The date you entered is in the future. Please go back and correct your response.
END OF IF
END OF IF
END OF IF

IF sv003 > 2 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

sv006_month (month third dose selected child in section School)
When did **((selectedchild))** receive his or her third dose?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

sv006_day (day third dose selected child in section School)
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

sv006_year (year third dose selected child in section School)
2021 2021
2022 2022

END OF GROUP

IF sv006_month = RESPONSE AND sv006_year = RESPONSE AND sv006_day = RESPONSE THEN

IF (strtotime(sv006_year . "-" . sv006_month . "-" . sv006_day) > time()) THEN

sv_date_warning2 (Section School)
The date you entered is in the future. Please go back and correct your response.

END OF IF

ELSEIF sv006_month = RESPONSE AND sv006_year = RESPONSE THEN

IF (date("Y", time()) = sv006_year) AND (date("n", time()) < sv006_month) THEN

sv_date_warning2 (Section School)
The date you entered is in the future. Please go back and correct your response.

END OF IF

END OF IF

END OF IF

ELSEIF sv002 = 2 THEN

sv007 (how likely vaccinated selected child in section School)
How likely is it that **((selectedchild))** will get vaccinated for the coronavirus in the next three months?
1 Very unlikely
2 Somewhat unlikely
3 Somewhat likely
4 Very likely

| 5 Unsure
END OF IF

IF sv002 IN (2,3) THEN
/* The answer options in sv008 are presented in random order per variables sv008_order with values:

- 1 [NAME] doesn't want to get vaccinated.

- 2 I don't want [NAME] to get vaccinated.

- 3 Another family member doesn't want [NAME] to get vaccinated.

- 4 We don't know how to schedule an appointment.

- 5 We don't know where to go for the vaccine.

- 6 We are waiting for a vaccine provider to contact us.

- 7 The vaccine providers are too far away.

- 8 There is a vaccine shortage in my community.

- 9 We don't have access to transportation.

- 10 We don't have access to a phone or computer.

- 11 We don't have time.

- 12 We are physically unable to travel.

- 13 We believe the vaccine is not effective.

- 14 We believe the vaccine is unsafe.

- 15 [NAME] doesn't need the vaccine.

- 16 The vaccine is not available in my community for people like [NAME].

- 17 [NAME] is not required to get vaccinated.

- 18 Other.

*/

IF sizeof(sv008_order) = 0 THEN
sv008_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))
sv008_order(18) := 18

END OF IF

sv008 (why not vaccinated selected child in section School)
Why hasn't **((selectedchild))** been vaccinated for the coronavirus yet? Please mark all that apply.
1 **((selectedchild))** doesn't want to get vaccinated.
2 I don't want **((selectedchild))** to get vaccinated.
3 Another family member doesn't want **((selectedchild))** to get vaccinated.
4 We don't know how to schedule an appointment.
5 We don't know where to go for the vaccine.
6 We are waiting for a vaccine provider to contact us.
7 The vaccine providers are too far away.
8 There is a vaccine shortage in my community.
9 We don't have access to transportation.
10 We don't have access to a phone or computer.
11 We don't have time.
12 We are physically unable to travel.
13 We believe the vaccine is not effective.
14 We believe the vaccine is unsafe.
15 **((selectedchild))** doesn't need the vaccine.
16 The vaccine is not available in my community for people like **((selectedchild))**.
17 **((selectedchild))** is not required to get vaccinated.
18 Other, please specify:

sv008_other (other why not vaccinated selected child in section School)
STRING

END OF GROUP
END OF IF

educationreward := '3'
END OF IF
END OF IF
END OF IF

school_end := date("Y-m-d H:i:s")
school_time := strtotime(school_end) - strtotime(school_begin)

End of section **School**

Start of section **Languages**

la_intro (Section Languages)
Thank you! We just have a few more questions for you.

la_001 (Language spoken at home in section Languages)
What language(s) do you usually speak while you are at home? (Check all that apply)
1 English
2 Spanish
3 Chinese (including Mandarin and Cantonese)
4 Tagalog
5 Vietnamese
6 Some other language(s) (write in):

la_001_other (other language spoken at home in section Languages)
STRING

la_002 (Language preference for surveys in section Languages)
When you fill out a survey like this one, what language would you prefer to take it in? (Please choose one)
1 English
2 Spanish
3 Chinese (including Mandarin and Cantonese)
4 Tagalog
5 Vietnamese
6 Some other language(s) (write in):

la_002_other (other language preference for surveys in section Languages)
STRING

IF la_002 = RESPONSE AND la_002 != 1 THEN
Fill code of question fl_la003 executed

la_003 (Comfort with doing surveys in English in section Languages)
You said you would prefer to take surveys in (English /Spanish/Chinese (including Mandarin and Cantonese)/Tagalog/Vietnamese/^la_002_other). In general, how comfortable or uncomfortable are you, or would you be, with doing a survey like this one, in English?
1 Extremely uncomfortable - I could not fill out a survey in English
2 Mostly uncomfortable - strongly prefer not to do surveys in English

3 Somewhat comfortable - I read and understand enough English text to do surveys
4 Mostly comfortable - I am pretty good at reading and understanding English text
5 Very comfortable - I read and understand English text very well

END OF IF

End of section **Languages**

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

IF educationreward > 0 THEN
  dummy := setPediatricExtraPayment(351, educationreward)
END OF IF

End of section **Closing**

/* Please note that although question CS_003 is listed in the routing, the answers are not included in the microdata in the event identifiable information is captured. Cleaned responses are available by request. */