UnderStandingAmericaStudy

UAS 396: HEALTH AND RETIREMENT STUDY SECTIONS A-D

Contents

1 INTRODUCTION

This UAS panel survey titled "UAS396: Health and Retirement Study Sections A-D" administers the baseline and follow up (2020) HRS sections A (Coverscreen), B (Demographics), C (Physical Health), D (Cognition), and asks basic questions about respondents and their household, their health and their mental abilities. This survey is currently in the field.
The UAS HRS data collections are modeled on the University of Michigan's Health and Retirement Study. Questions were adapted to online use, and collected by CESR through the UAS. More information about the UAS HRS data collections is available online at https://uasdata.usc.edu/page/Health+And+Retirement. For information about HRS variables not covered in this codebook, please refer to the HRS documentation at http://hrsonline.isr.umich.edu/.

1.1 Topics

This survey contains questions (among others) on the following topics: Cognitive Abilities, Demographics, Family, Health, Religion. A complete survey topic categorization for the UAS can be found here.

1.2 Experiments

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

1.3 Citation

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

2 SURVEY RESPONSE AND DATA

2.1 Sample selection and response rate

The sample selection for this survey was:

All active respondents who completed HRS Wave 1 A-D (UAS20) OR HRS Wave 2 A-D (UAS95) OR HRS Wave 3 A-D (UAS185) more than two years ago; as well as all active respondents who never completed an HRS wave before.

As such, this survey has so far been made available to 3553 UAS participants. Of those 3553 participants, 2486 completed the survey and are counted as respondents. Of those who are not counted as respondents, 22 started the survey without completing and 1045 did not start the survey. The preliminary overall response rate is 69.97%.

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.%.
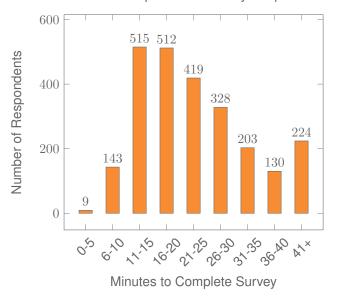
The detailed survey response rate is as follows:

UAS396 - Response Overview	
Size of selected sample	3553
Completed the survey	2486
Started but did not complete the survey	22
Did not start the survey	1045
Response rate	69.97%

2.2 Timings

All reported timings and response rate statistics are as of November 27, 2021. The survey took respondents an average of 24 minutes, and the full distribution of survey response times is in the figure below. Times per question are available upon request.

Distribution of Respondents' Survey Response Times

2.3 Weighting

Weights are not (yet) available for this survey. Please contact UAS staff with any questions.

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.

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○ **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

FLCurrentYear := date("Y")
previous_z076 := getHRSPreloadWave3(6,"z076")
previous_endtime := getHRSPreloadWave3(6,"endtime")

IF previous_endtime = RESPONSE THEN
  x024 := YES
  z076 := YES
  Z092_temp := getHRSpreloadWave3(1,"begintime")
  PrevIWMonth := date('n',strtotime(Z092_temp))
  Fill code of question Z092 executed
  Z093 := date('Y',strtotime(Z092_temp))
ELSE
  x024 := NO
  z076 := NO
END OF IF

a007 := YES
a009 := YES

IF z076 = YES THEN
  preload_x065 := getHRSPreloadWave3(1,"X065ACouplenss", 2)
  preload_x060 := getHRSPreloadWave3(1,"X060ASex", 2)
  preload_x058 := getHRSPreloadWave3(1,"X058AFName", 2)
  preload_x004 := getHRSPreloadWave3(1,"X004AmoBorn", 2)

  dummystart_reinterview (Section PreloadA)
  This survey asks you to complete some basic questions about you and your household,
  your health and your cognitive abilities. This survey is longer than most others you take,
  and will cover topics such as health and your history. As a reminder these answers
  are never linked to your name and always protected. How you respond to these ques-
  tions will allow us to provide you with surveys that are most applicable to you in the future.

  Please note that on several occasions during this survey you will see that the an-
  swer is already filled out. This is just to ensure that our records are accurate and
  up-to-date, so please correct the answers if they are wrong or if something has changed.
  Thank you!

  Note:

Some of the questions in this survey will show you information that you entered in a survey you took up to two years ago. If you don't recognize that information or it doesn't make sense in some way, please click the 'Remark' button and leave a comment in the box that pops up.

If you don't know the answer to a question, please click the 'Next>>' button twice.

```
preload_x005 := getHRSPreloadWave3(1,"X005AdaBorn", 2)
preload_x067 := getHRSPreloadWave3(1,"X067AYrBorn", 2)
preload_x025 := trim(getHRSPreloadWave3(1,"X025_MainCty"))
preload_x026 := getHRSPreloadWave3(1,"X026_MainSt")
preload_A079_ := getHRSPreloadWave3(1,"A079_")
preload_A085 := getHRSPreloadWave3(1,"A085_WhichMainRes")

IF preload_A085 = 2 THEN
  preload_x029 := ucwords(strtolower(getHRSPreloadWave3(1,"A080TOthResCty_A")))
  preload_x030 := getHRSPreloadWave3(1,"A170_A081TOthResST_A")

  IF preload_x026 = 99 THEN
    preload_x026 := getHRSPreloadWave3(1,"A077SCurResST_S")
  END OF IF

  IF preload_x030 = 99 THEN
    preload_x030 := getHRSPreloadWave3(1,"A082SOthResST_S")
  END OF IF
ELSEIF preload_A085 = 4 THEN
  preload_x029 := ucwords(strtolower(getHRSPreloadWave3(1,"A075TCurResCty_A")))
  preload_x030 := getHRSPreloadWave3(1,"A169_A076TCurResST_A")

  IF preload_x026 = 99 THEN
    preload_x026 := getHRSPreloadWave3(1,"A082SOthResST_S")
  END OF IF

  IF preload_x030 = 99 THEN
    preload_x030 := getHRSPreloadWave3(1,"A077SCurResST_S")
  END OF IF
ELSE
  IF preload_x026 = 99 THEN
    preload_x026 := getHRSPreloadWave3(1,"A077SCurResST_S")
  END OF IF
```

preload_A167 := getHRSPreloadWave3(1,"A167_A028")
preload_A070 := getHRSPreloadWave3(1,"A070_NHOwnRent")

ELSE

dummystart (Section PreloadA)

This survey asks you to complete some basic questions about you and your household, your health and your cognitive abilities. This survey is longer than most others you take, and will cover topics such as health and your history. As a reminder these answers are never linked to your name and always protected. How you respond to these questions will allow us to provide you with surveys that are most applicable to you in the future.

Note:

If you don't know the answer to a question, please click the 'Next>>' button twice. If you want to add clarifying information to your answer, please click the 'Remark' button and leave a comment in the box that pops up.

END OF IF

End of section **PreloadA**

Start of section **SectionA**

X004AmoBorn(1) := dateofbirth_month

IF X004AmoBorn(1) = EMPTY THEN
X004AmoBorn(1) := getHRSPreloadWave3(1, "X004AmoBorn(1)")
END OF IF

X005AdaBorn(1) := dateofbirth_day

IF X005AdaBorn(1) = EMPTY THEN
X005AdaBorn(1) := getHRSPreloadWave3(1, "X005AdaBorn(1)")
END OF IF

X067AYrBorn(1) := dateofbirth_year

IF X067AYrBorn(1) = EMPTY THEN
X067AYrBorn(1) := getHRSPreloadWave3(1, "X067AYrBorn(1)")
END OF IF

age := calcAge(dateofbirth_year, dateofbirth_month, dateofbirth_day);
age_myhh := age

X060ASex(1) := gender

IF X060ASex(1) = EMPTY THEN
  X060ASex(1) := preload_x060(1)
END OF IF

IF z076 = NO OR (z076 = YES AND X060ASex(1) = empty) THEN
  X060ASex (SEX OF INDIVIDUAL in section SectionA)
  What is your gender?
  1 Male
  2 Female
END OF IF

LOOP FROM 1 TO 3

  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    X004AmoBorn (R MONTH BORN in section SectionA)
    In what month, day and year were you born?
    1 January
    2 February
    3 March
    4 April
    5 May
    6 June
    7 July
    8 August
    9 September
    10 October
    11 November
    12 December

    X005AdaBorn (R DAY BORN in section SectionA)
    RANGE 1..31

    X067AYrBorn (YEAR BORN-UPDATED in section SectionA)
    RANGE 1890..(())

  END OF GROUP

IF X004AmoBorn(1) = RESPONSE AND X005AdaBorn(1) = RESPONSE AND X067AYrBorn(1) = RESPONSE THEN

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A014 := calcAge(X067AYrBorn(1), X004AmoBorn(1), X005AdaBorn(1));
A019_RAge := A014

ELSE

  IF X067AYrBorn(1) = EMPTY THEN

    A019_RAge := empty
    A014 := empty

    A017_RAge65 (R OR SPP AGE 65 OR OLDER in section SectionA)
    Are you 65 years of age or older?
    1 Yes
    5 No

  ELSE

    A014 := FLCurrentYear - X067AYrBorn(1)
    A019_RAge := A014

  END OF IF

END OF IF

IF A019_Rage = EMPTY THEN

  A019_Rage := age

END OF IF

a216 := A019_Rage

IF a216 = EMPTY THEN

|

ELSE

  A216_confirm (confirm age in section SectionA)
  Based on what you indicated you are (confirm age()) years old.

  Is this correct?
  1 Yes
  5 No

IF a216_confirm = 1 THEN

I

END OF IF

END OF IF

END OF LOOP

A166_current := NO
A166_samespousepartner := NO
A034 := empty

IF z076 = YES AND preload_x065(1) IN (1,2,3,4) THEN
Fill code of question FL_A166_A020TSameSpP_A executed
Fill code of question FL_A166_A020TSameSpP_A_option executed
Fill code of question FL_A166_A020TSameSpP_A_option1 executed

A166_A020TSameSpP_A (1ST R SAME SP/P in section SectionA)
(Our records show that as of ˆz092, ˆz093 you were married. Is ˆpreload_x058(2) still your husband? (IWER: If your husband is no longer alive, please answer no.)/Our records show that as of ˆz092, ˆz093 you were married. Is ˆpreload_x058(2) still your wife? (IWER: If your wife is no longer alive, please answer no.)/Our records show that as of ˆz092, ˆz093 you were married. Is ˆpreload_x058(2) still your spouse? (IWER: If your spouse is no longer alive, please answer no.)/Our records show that as of ˆz092, ˆz093 you were living with a partner as if married. Is ˆpreload_x058(2) still your partner? (IWER: If your partner is no longer alive, please answer no.))
1 Yes
3 (Yes, and this partner is now my spouse)
5 No

IF A166_A020TSameSpP_A IN (1,3) THEN
A023 := YES
A166_current := YES
A166_samespousepartner := YES
X065ACouplenss(1) := preload_x065(1)

IF A166_A020TSameSpP_A = 3 THEN
X065ACouplenss(1) := 1
END OF IF

Fill code of question FLHWP executed
ELSE

Fill code of question FL_A255 executed
Fill code of question FL_A255_2 executed

A255_A020Confirmation (confirm no longer married in section SectionA)
Just to confirm, you indicated that you are (still married to/still partnered with/no longer married to/no longer partnered with/now married to) (^preload_x058(2)/your spouse/your partner)

If that is correct, click "Next" to continue. Otherwise please go back and change your answers.

A023 (spouse partner previous wave still alive in section SectionA)
Is (PREVIOUS WAVE first names(2)) still alive?
1 Yes
5 No

IF A023 = NO THEN
  X056AresStat(2) := 4
  Fill code of question FLA202_1 executed
  Fill code of question FLA202_2 executed

  A202 (partnered or married when spouse, partner passed away in section SectionA)
  Were you and (PREVIOUS WAVE first names(2)) (partnered/married) when (he/she/he/she) passed away?
  1 Yes
  5 No
END OF IF

Fill code of question FLA024 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

A024 (month stopped living together, passed away in section SectionA)
(In what month and year did you and ^preload_x058(2) stop living together? If you never lived together, please just check the 'We never lived together' box./In what month and year did ^preload_x058(2) pass away?)
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August

21

9 September
10 October
11 November
12 December

A025 (year stopped living together, passed away in section SectionA)
RANGE 1900..(())

IF A023 = YES THEN

  A024_never (never lived together in section SectionA)

  OR
  1 We never lived together

END OF IF

END OF GROUP

IF (A025 = RESPONSE AND A025 < Z093) OR (A025 = RESPONSE AND A025 = Z093 AND A024 = RESPONSE AND A024 < PrevIWMonth) THEN
  A024_warning (Section SectionA)
  You said that you stopped living together with (PREVIOUS WAVE first names(2)) in (month stopped living together, passed away()), (year stopped living together, passed away()), but this is before the last time we interviewed you in (January/February/March/April/May/June/July/August/September/October/November/December), (INTERVIEW YEAR PREVIOUS WAVE()). **If this is correct, please click "Next" to continue.** Otherwise, please go back and adjust your answer(s).
END OF IF

IF A024_never = 1 THEN
  A024 := 97
END OF IF
END OF IF
END OF IF

A167_A028 (R IN NURSING HOME in section SectionA)
This question is about your current living arrangement. Are you **currently living in a nursing home or other long-term health care facility**?

(DEF: By "nursing home or other long-term health care facility" we mean a facility that provides all of the following services for its residents: 24-hour nursing assistance and supervision, dispensing of medication, personal assistance, and room & meals.)
1 Yes

5 No

> **A167_A028_warning** (NURSING HOME CONFIRMATION in section SectionA)
> You indicated that you are **currently living in a nursing home or other health care facility** which provides all of the following services for its residents: 24-hour nursing assistance and supervision, dispensing of medication, personal assistance, and room & meals.
>
> If this is correct, click "Next" to continue. Otherwise please go back and change your answer.

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

> **A237** (kind of nursing home facility in section SectionA)
> You indicated that you are **currently living in a nursing home or other health care facility** which provides all of the following services for its residents: 24-hour nursing assistance and supervision, dispensing of medication, personal assistance, and room & meals.
>
> If this is NOT correct, please go back two screens to change your answer from yes to no. If this is correct, please indicate below what kind of facility it is.
>
> The facility is a...
> 1 Nursing home or skilled-nursing facility
> 2 Memory care center
> 3 Assisted living facility
> 4 Rehabilitation center
> 5 Retirement community
> 6 Senior living facility
> 7 Rest home
> 8 Hospital
> 9 Hospice
> 10 Other, please specify:
>
> **A238_TypeFacilityOS** (other kind of nursing home facility in section SectionA)
> STRING

END OF GROUP

A247 (SP/P IN NURSHOME in section SectionA)
Do you have a private apartment, private room, or a shared room in this facility?(DEF: A private apartment would include a kitchen facility for personal use while a **private room**

would not. A private apartment or private room may be shared with a spouse, partner, or family member. A shared room would be shared with **someone outside** of a spouse, partner, or family member.)
1 Private apartment
2 Private room
3 Shared room
7 Other
END OF IF

IF A167_A028 = 1 THEN
A028 := 1
ELSEIF A167_A028 = 2 THEN
A028 := 5
ELSE
A028 := empty
END OF IF

IF z076 = YES AND preload_x065(1) IN (1,2,3,4) AND A166_A020TSameSpP_A IN (1,3) THEN
Fill code of question FLA030 executed

A030 (living together in section SectionA)
(Are you and your ˆFLHWP living in the same nursing home or health care facility?/Are you and your ˆFLHWP living together?)
1 Yes
5 No

IF A030 = NO THEN
X056AresStat(2) := 5

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

A031 (month stopped living together in section SectionA)
In what month and year did you stop living together? If you never lived together, please just check the 'We never lived together' box.
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September

24

10 October
11 November
12 December

A032 (year stopped living together in section SectionA)
RANGE 1900..(())

A031_never (never lived together in section SectionA)

OR
1 We never lived together

IF (A032 = RESPONSE AND A032 < Z093) OR (A032 = RESPONSE AND A032 =
Z093 AND A031 = RESPONSE AND A031 < PrevIWMonth) THEN
    A031_warning (Section SectionA)
    You said that you stopped living together with your (husband/wife/partner/spouse)
    in (month stopped living together()), (year stopped living together()),
    but this is before the last time we interviewed you in (Jan-
    uary/February/March/April/May/June/July/August/September/October/November/December),
    (INTERVIEW YEAR PREVIOUS WAVE()). **If this is correct, please click "Next" to**
    continue. Otherwise, please go back and adjust your answer(s).
END OF IF

IF A031_never = 1 THEN
    A031 := 97
END OF IF

A033_SpInNHome (SP/P IN NURSHOME in section SectionA)
Is your (husband/wife/partner/spouse) living in a nursing home or other health care
facility?

A nursing home or other health facility provides all of the following services for
its residents: dispensing of medication, 24-hour nursing assistance and supervision,
personal assistance, and room & meals.
1 Yes
5 No

IF not(preload_x065(1,2) OR A166_A020TSameSpP_A != 1) AND
A166_A020TSameSpP_A != 3 THEN
|
ELSE

25

A034 (married or separated in section SectionA)
Would you say you are married, or are you separated?
1 Married
2 Separated
END OF IF
END OF IF
END OF IF

IF z076 = NO OR (z076 = YES AND A034 = 2) OR (z076 = YES AND (not(preload_x065(1) IN (1,2,3,4)) OR A166_samespousepartner = NO)) THEN
  IF (maritalstatus = 1 OR maritalstatus = 2) OR (maritalstatus > 2 AND livewithpartner = 1) THEN
    A166_current := YES

    IF (maritalstatus = 1 OR maritalstatus = 2) THEN
      A026_Rmarried := YES
      A027_RPartnerd := NO
    ELSEIF (maritalstatus > 2 AND livewithpartner = 1) THEN
      A026_Rmarried := NO
      A027_RPartnerd := YES
    END OF IF
  ELSEIF maritalstatus = RESPONSE THEN
    A166_current := NO
    A026_Rmarried := NO
    A027_RPartnerd := NO
  ELSE
    A166_current := empty
    A026_Rmarried := empty
    A027_RPartnerd := empty
  END OF IF

  IF not(z076 = YES AND A034 = 2) THEN
    Fill code of question FL_A026_Rmarried executed

    A026_Rmarried (R MARRIED in section SectionA)
    (First we need to update our records. As of ˆz092, ˆz093 they show that you were not married or living with a partner. Are you now married?/Are you married to someone else?/Are you married?)
    1 Yes
    5 No
  END OF IF

IF A026_Rmarried != YES THEN
  Fill code of question FL_A027 executed

  A027_RPartnerd (R LIVING WITH PARTNER in section SectionA)
  Are you living with (a/another) partner as if married?
  1 Yes
  5 No

  IF A027_RPartnerd = YES THEN
    A166_current := YES

    IF z076= YES AND preload_x065(1) = 3 THEN
      X065ACouplenss(1) := 4
    ELSE
      X065ACouplenss(1) := 3
    END OF IF
  ELSE
    A166_current := NO
    X065ACouplenss(1) := 6
  END OF IF
ELSE
  IF z076 = YES AND preload_x065(1) = 1 THEN
    X065ACouplenss(1) := 2
  ELSE
    X065ACouplenss(1) := 1
  END OF IF

  A166_current := YES
END OF IF
END OF IF

Fill code of question FLHWP executed
Fill code of question FLUandYOUR executed
Fill code of question FLUorYOUR executed

IF (z076 = NO AND A166_current = YES) OR (z076 = YES AND A166_current = YES AND A166_samespousepartner = NO) THEN
  Fill code of question FLA209 executed

  A209_LivTogethr (COUPLE LIVE TOGETHER (A030_) in section SectionA)
  (Are you and your ^FLHWP living in the same nursing home or health care facility?/Are you and your ^FLHWP living together?/Are you and your new ^FLHWP living in the same

nursing home or health care facility?/Are you and your new ˆFLHWP living together?)
1 Yes
5 No

A045 := empty

IF z076 = YES THEN
  IF A209_LivTogethr = YES THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    A036 (month started living together in section SectionA)
    In what month and year did you and your new (husband/wife/partner/spouse) start living together?
    1 January
    2 February
    3 March
    4 April
    5 May
    6 June
    7 July
    8 August
    9 September
    10 October
    11 November
    12 December

    A037 (year started living together in section SectionA)
    RANGE 1900..(())

    A036_never (never lived together in section SectionA)

    OR
    1 We never lived together

    END OF GROUP

    IF (A037 = RESPONSE AND A037 < Z093) OR (A037 = RESPONSE AND A037 = Z093 AND A036 = RESPONSE AND A036 < PrevIWMonth) THEN
    A036_warning (Section SectionA)
    You said that you started living together with your new (husband/wife/partner/spouse) in (month started living together()), (year started living together()), but this is before the last time we interviewed you in (January/February/March/April/May/June/July/August/September/October/November/December), (INTERVIEW YEAR PREVIOUS WAVE()). **If this is correct, please click "Next"**

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to continue. Otherwise, please go back and adjust your answer(s).
END OF IF

IF A036_never = 1 THEN
  A036 := 97
END OF IF

IF A026_RMarried = YES AND A034 != 2 THEN
  A045 := YES
ELSEIF A027_RPartnerd = YES AND A030 != NO THEN
  A045 := YES
END OF IF
ELSE
  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

  A210 (month stopped living together in section SectionA)
  In what month and year did you stop living together?
  1 January
  2 February
  3 March
  4 April
  5 May
  6 June
  7 July
  8 August
  9 September
  10 October
  11 November
  12 December

  A211 (year stopped living together in section SectionA)
  RANGE 1900..(())

  A210_never (never lived together in section SectionA)

  OR
  1 We never lived together

  END OF GROUP

IF (A211 = RESPONSE AND A211 < Z093) OR (A211 = RESPONSE AND A211 = Z093 AND A210 = RESPONSE AND A210 < PrevIWMonth) THEN

A210_warning (Section SectionA)
You said that you stopped living together with your (husband/wife/partner/spouse) in (month stopped living together()), (year stopped living together()), but this is before the last time we interviewed you in (January/February/March/April/May/June/July/August/September/October/November/December), (INTERVIEW YEAR PREVIOUS WAVE()). **If this is correct, please click "Next" to continue.** Otherwise, please go back and adjust your answer(s).
END OF IF

IF A210_never = 1 THEN
| A210 := 97
END OF IF

A212 (new spouse partner in nursing home in section SectionA)
Is your new (husband/wife/partner/spouse) living in a nursing home or other health care facility?Definition: A nursing home provides all of the following services for its residents: dispensing of medication, 24-hour nursing assistance and supervision, personal assistance, and room & meals.
1 Yes
5 No

Fill code of question FLA231_RMarSep executed
Fill code of question FLA231_RMarSep_2 executed

A231_RMarSep (married, partnered or separated in section SectionA)
Would you say you are (married/partnered), or are you separated?
1 (Married/Partnered)
2 Separated

IF A231_RMarSep = 2 THEN
    A035 (living with partner as if married in section SectionA)
    Are you living with a partner as if married?
    1 Yes
    5 No

    IF A035 = YES THEN
    | A045 := YES
    END OF IF
END OF IF
END OF IF
END OF IF

Fill code of question FL_new executed

R2X060ASex (R PARTNER SEX OF INDIVIDUAL-UPDATED in section SectionA)
What is your(new) (husband/wife/partner/spouse)'s sex?
1 Male
2 Female

Fill code of question FLHWP executed

R2X058AFName (PARTNER FIRST NAME OF INDIVIDUAL in section SectionA)
What is your(new) (husband/wife/partner/spouse)'s name? (This is just so we can refer to them in later questions. If you do not wish to provide their real name, please feel free to use another name or nickname that will help you identify them.)
STRING

R2X017ARLName (R PARTNER LAST NAME in section SectionA)
STRING

R2X004AmoBorn (R PARTNER MONTH BORN in section SectionA)
In what month, day and year was your(new) (husband/wife/partner/spouse) born?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

R2X005AdaBorn (R PARTNER DAY BORN in section SectionA)
RANGE 1..31

R2X067AYrBorn (PARTNER YEAR BORN-UPDATED in section SectionA)
RANGE 1890..(())

IF R2X004AmoBorn = RESPONSE AND R2X005AdaBorn = RESPONSE AND R2X067AYrBorn = RESPONSE THEN

| A044TSpAge_A := floor((strtotime(date('Y-m-d')) - strtotime(R2X067AYrBorn . '-' .
| R2X004AmoBorn . '-' . R2X005AdaBorn)) / 31556926);

ELSE

| IF R2X067AYrBorn = EMPTY THEN

| | Fill code of question FLHeShe executed
| | A044TSpAge_A := empty

| | **A042_SpAge65** (R PARTNER OR SPP AGE 65 OR OLDER in section Section A)
| | Is (he/she/he/she) 65 years of age or older?
| | 1 Yes
| | 5 No

| ELSE

| | A044TSpAge_A := FLCurrentYear - R2X067AYrBorn

| END OF IF

END OF IF

X004AmoBorn(2) := R2X004AmoBorn
X005AdaBorn(2) := R2X005AdaBorn
X067AYrBorn(2) := R2X067AYrBorn
X058AFName(2) := trim(ucwords(strtolower(R2X058AFName)))
X060ASex(2) := R2X060ASex
X065ACouplenss(2) := X065ACouplenss(1)

IF X065ACouplenss(1) = 1 THEN

| X061ARelateR(2) := 1

ELSE

| X061ARelateR(2) := 2

END OF IF

IF A209_LivTogethr = YES THEN

| X056AResStat(2) := 1

ELSE

| X056AResStat(2) := 5

END OF IF

IF A167_A028 = YES AND A209_LivTogethr != YES THEN

| IF A212 = RESPONSE THEN

A033_SpInNHome := A212

ELSE

A033_SpInNHome (SP/P IN NURSHOME in section SectionA)
Is your (husband/wife/partner/spouse) living in a nursing home or other health care facility?

A nursing home or other health facility provides all of the following services for its residents: dispensing of medication, 24-hour nursing assistance and supervision, personal assistance, and room & meals.
1 Yes
5 No

END OF IF

END OF IF

ELSEIF Z076 = YES AND A166_samespousepartner = YES THEN

Fill code of question FL_new executed

IF z076 = YES THEN

R2X060ASex := preload_x060(2)

IF R2X060ASex = EMPTY THEN

R2X060ASex (R PARTNER SEX OF INDIVIDUAL-UPDATED in section SectionA)
What is your(new) (husband/wife/partner/spouse)'s sex?
1 Male
2 Female

END OF IF

Fill code of question FLHWP executed
R2X058AFName := preload_x058(2)

IF R2X058AFName = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

R2X058AFName (PARTNER FIRST NAME OF INDIVIDUAL in section SectionA)
What is your(new) (husband/wife/partner/spouse)'s name? (This is just so we can refer to them in later questions. If you do not wish to provide their real name, please feel free to use another name or nickname that will help you identify them.)
STRING

R2X017ARLName (R PARTNER LAST NAME in section SectionA)
STRING

END OF GROUP

R2X004AmoBorn := preload_x004(2)
R2X005AdaBorn := preload_x005(2)
R2X067AYrBorn := preload_x067(2)

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

R2X004AmoBorn (R PARTNER MONTH BORN in section SectionA)
In what month, day and year was your(new) (husband/wife/partner/spouse) born?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

R2X005AdaBorn (R PARTNER DAY BORN in section SectionA)
RANGE 1..31

R2X067AYrBorn (PARTNER YEAR BORN-UPDATED in section SectionA)
RANGE 1890..(())

END OF GROUP

IF R2X004AmoBorn = RESPONSE AND R2X005AdaBorn = RESPONSE AND R2X067AYrBorn = RESPONSE THEN
A044TSpAge_A := floor((strtotime(date('Y-m-d')) - strtotime(R2X067AYrBorn . '-' . R2X004AmoBorn . '-' . R2X005AdaBorn)) / 31556926);
ELSE
IF R2X067AYrBorn = EMPTY THEN
Fill code of question FLHeShe executed
A044TSpAge_A := empty

A042_SpAge65 (R PARTNER OR SPP AGE 65 OR OLDER in section SectionA)
Is (he/she/he/she) 65 years of age or older?
1 Yes

```
    | | 5 No
    | ELSE
    | | A044TSpAge_A := FLCurrentYear - R2X067AYrBorn
    | END OF IF
    END OF IF

    X004AmoBorn(2) := R2X004AmoBorn
    X005AdaBorn(2) := R2X005AdaBorn
    X067AYrBorn(2) := R2X067AYrBorn
    X058AFName(2) := trim(ucwords(strtolower(R2X058AFName)))
    X060ASex(2) := R2X060ASex
    X065ACouplenss(2) := X065ACouplenss(1)

    IF X065ACouplenss(1) = 1 THEN
    | X061ARelateR(2) := 1
    ELSE
    | X061ARelateR(2) := 2
    END OF IF

    IF A030 = YES THEN
    | X056AResStat(2) := 1
    ELSE
    | X056AResStat(2) := 5
    END OF IF
  END OF IF
END OF IF

IF A167_A028 = YES THEN
  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

  A065_ (MONTH MOVED TO NH in section SectionA)
  In what month and year did you move to the nursing home, health care facility, or
  hospice where you are now living?
  1 January
  2 February
  3 March
  4 April
  5 May
  6 June
  7 July
  8 August
  9 September
```

10 October
11 November
12 December

A066_ (YEAR MOVED TO NURS HOME in section SectionA)
RANGE 1900..(())

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

A067_CtyNHome (FACILITY LOCATION CITY/ST in section SectionA)
In what city and state is the nursing home, health care facility, or hospice where you are living?
STRING

A168_A068_STNHome (FACILITY WHERE LIVE-STATE/COUNTRY in section SectionA)
1 Alabama
2 Alaska
3 Arizona
4 Arkansas
5 California
6 Colorado
7 Connecticut
8 Delaware
9 Florida
10 Georgia
11 Hawaii
12 Idaho
13 Illinois
14 Indiana
15 Iowa
16 Kansas
17 Kentucky
18 Louisiana
19 Maine
20 Maryland
21 Massachusetts
22 Michigan
23 Minnesota
24 Mississippi
25 Missouri
26 Montana
27 Nebraska

28 Nevada
29 New Hampshire
30 New Jersey
31 New Mexico
32 New York
33 North Carolina
34 North Dakota
35 Ohio
36 Oklahoma
37 Oregon
38 Pennsylvania
39 Rhode Island
40 South Carolina
41 South Dakota
42 Tennessee
43 Texas
44 Utah
45 Vermont
46 Virginia
47 Washington
48 West Virginia
49 Wisconsin
50 Wyoming
51 Washington DC
52 Puerto Rico
99 Other country

END OF GROUP

FLMainResidence := A067_CtyNHome

IF A168_A068_STNHome = 99 THEN
A069SSTNHome_S (FACILITY WHERE LIVE-ST/COUNTRY- SPECIFY in section SectionA)
In what country is the nursing home/health care facility/hospice where you are living?
STRING
END OF IF

A070_NHOwnRent (NH: STILL OWN/RENT HOME in section SectionA)
Do you still own or rent a residence outside the facility where you are living?
1 Yes
5 No
END OF IF

IF A167_A028 != YES OR (A167_A028 = YES AND A070_NHOwnRent = YES) THEN
  IF z076 = YES THEN
    IF preload_X025 = RESPONSE AND preload_x026 = RESPONSE THEN
      Fill code of question FLResidences executed
      Fill code of question FLA071 executed
      Fill code of question FLA071_2 executed

      A071_SameMainR (STILL IN RESIDENCE in section SectionA)
      Next are some questions about changes in (your/you and your ^FLHWP's) housing location. Our records show that in (January/February/March/April/May/June/July/August/September/October/November/December), (INTERVIEW YEAR PREVIOUS WAVE()) (your residence/one of your residences) was in (x025 preload()), (state main residence()).

      (Do you still have the same residence in ^preload_x025?/Are you still living, all or part of the year, in that same residence in ^preload_x025?)
      1 Yes
      5 No

      IF A071_SameMainR = NO OR A071_SameMainR = EMPTY THEN
        Fill code of question FLA072 executed

        A072 (STILL IN SAME AREA in section SectionA)
        (Is your residence still in or around ^preload_x025, ^preload_x026?/Do you still live, all or part of the year, in a residence in or around ^preload_x025, ^preload_x026?)
        1 Yes
        5 No
  ELSE
    IF z076 = NO THEN
      Fill code of question FLA078 executed

      GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

      A078_YrsCurRes (NEW COHORT- YEARS IN CURRENT CITY/STATE in section SectionA)
      How many years have you lived in (^A169_A076TCurResST_A/^A077SCurResST_S/^A075TCurResCty_A)?
      1 One year or less
      2 Number of years:
      95 All my life

      A078 (number of years in home in section SectionA)
      How many years have you lived in (()), (())?
      NUMBER (NO DECIMALS ALLOWED)

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

IF preload_a079_ = YES THEN
| IF preload_x029 = RESPONSE AND preload_x030 = RESPONSE THEN
| | Fill code of question FLA073 executed
| |
| | **A073** (STILL OTHER RESIDENCE in section SectionA)
| | Our records also show that in (January/February/March/April/May/June/July/August/September/October/Nove
| | (INTERVIEW YEAR PREVIOUS WAVE()) you had another residence, one in (city
| | not main residence()), (state other residence()).
| |
| | (Do you still have the same residence in ^preload_x029, ^preload_x030?/Are
| | you still living, all or part of the year, in that same residence in ^preload_x029,
| | ^preload_x030?)
| | 1 Yes
| | 5 No
| |
| | IF A073 = NO OR A073 = EMPTY THEN
| | | Fill code of question FLA074 executed
| | |
| | | **A074** (STILL OTHER RESIDENCE IN SAME AREA in section SectionA)
| | | (Do you still have a home in or around ^preload_x029, ^preload_x030?/Do you still
| | | live, all or part of the year in or around ^preload_x029, ^preload_x030?)
| | | 1 Yes
| | | 5 No
| | END OF IF
| END OF IF
END OF IF
END OF IF

A084 := 0

IF A167_A028 != YES OR (A167_A028 = YES AND A070_NHOwnRent = YES) THEN
| IF z076 = YES AND (A071_SameMainR = YES OR a072 = YES) THEN
| |
| ELSE
| | GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

A075TCurResCty_A (CURRENT RESIDENCE CITY in section SectionA)
In what city and state is your residence currently located?
STRING

A169_A076TCurResST_A (CURRENT RESIDENCE STATE in section SectionA)
1 Alabama
2 Alaska
3 Arizona
4 Arkansas
5 California
6 Colorado
7 Connecticut
8 Delaware
9 Florida
10 Georgia
11 Hawaii
12 Idaho
13 Illinois
14 Indiana
15 Iowa
16 Kansas
17 Kentucky
18 Louisiana
19 Maine
20 Maryland
21 Massachusetts
22 Michigan
23 Minnesota
24 Mississippi
25 Missouri
26 Montana
27 Nebraska
28 Nevada
29 New Hampshire
30 New Jersey
31 New Mexico
32 New York
33 North Carolina
34 North Dakota
35 Ohio
36 Oklahoma
37 Oregon
38 Pennsylvania
39 Rhode Island
40 South Carolina

41 South Dakota
42 Tennessee
43 Texas
44 Utah
45 Vermont
46 Virginia
47 Washington
48 West Virginia
49 Wisconsin
50 Wyoming
51 Washington DC
52 Puerto Rico
99 Other country

END OF GROUP

IF A169_A076TCurResST_A = 99 THEN
A077SCurResST_S (CURRENT RESIDENCE STATE - SPECIFY in section SectionA)
In what country is your residence currently located?
STRING
END OF IF

IF A167_A028 != YES THEN
Fill code of question FLA078 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

A078_YrsCurRes (NEW COHORT- YEARS IN CURRENT CITY/STATE in section SectionA)
How many years have you lived in (ˆA169_A076TCurResST_A/ˆA077SCurResST_S/ˆA075TCurResCty_A)?
1 One year or less
2 Number of years:
95 All my life

A078 (number of years in home in section SectionA)
How many years have you lived in (()), (())?
NUMBER (NO DECIMALS ALLOWED)

END OF GROUP
END OF IF
END OF IF
END OF IF

IF A167_A028 != YES OR (A167_A028 = YES AND A070_NHOwnRent = YES) THEN
  IF z076 = NO OR (z076 = YES AND preload_x029 = empty) OR not(z076 = YES AND
  (A071_SameMainR = YES OR A072 = YES) AND (A073 = YES OR A074 = YES)) THEN
  Fill code of question FLA079 executed

  A079_ (OTHER HOMES/APTS in section SectionA)
  (Do you have any other house or apartment?/Do you have any other house or apartment where you live for 2 or more months of the year?)
  1 Yes
  5 No

  IF A079_ = 1 THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    A080TOthResCty_A (OTHER RESIDENCE CITY in section SectionA)
    In what city and state is that other residence located?
    STRING

    A170_A081TOthResST_A (OTH RESIDENCE STATE in section SectionA)
    1 Alabama
    2 Alaska
    3 Arizona
    4 Arkansas
    5 California
    6 Colorado
    7 Connecticut
    8 Delaware
    9 Florida
    10 Georgia
    11 Hawaii
    12 Idaho
    13 Illinois
    14 Indiana
    15 Iowa
    16 Kansas
    17 Kentucky
    18 Louisiana
    19 Maine
    20 Maryland
    21 Massachusetts
    22 Michigan
    23 Minnesota
    24 Mississippi
    25 Missouri

26 Montana
27 Nebraska
28 Nevada
29 New Hampshire
30 New Jersey
31 New Mexico
32 New York
33 North Carolina
34 North Dakota
35 Ohio
36 Oklahoma
37 Oregon
38 Pennsylvania
39 Rhode Island
40 South Carolina
41 South Dakota
42 Tennessee
43 Texas
44 Utah
45 Vermont
46 Virginia
47 Washington
48 West Virginia
49 Wisconsin
50 Wyoming
51 Washington DC
52 Puerto Rico
99 Other country

END OF GROUP

IF A170_A081TOthResST_A = 99 THEN
A082SOthResST_S (OTHER RESIDENCE STATE - SPECIFY in section SectionA)
In what other country is your other residence located?
1 Afghanistan
2 Åland Islands
3 Albania
4 Algeria
5 American Samoa
6 Andorra
7 Angola
8 Anguilla
9 Antarctica
10 Antigua And Barbuda
11 Argentina

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12 Armenia
13 Aruba
14 Australia
15 Austria
16 Azerbaijan
17 Bahamas
18 Bahrain
19 Bangladesh
20 Barbados
21 Belarus
22 Belgium
23 Belize
24 Benin
25 Bermuda
26 Bhutan
27 Bolivia
28 Bosnia And Herzegovina
29 Botswana
30 Bouvet Island
31 Brazil
32 British Indian Ocean Territory
33 Brunei Darussalam
34 Bulgaria
35 Burkina Faso
36 Burundi
37 Cambodia
38 Cameroon
39 Canada
40 Cape Verde
41 Cayman Islands
42 Central African Republic
43 Chad
44 Chile
45 China
46 Christmas Island
47 Cocos (Keeling) Islands
48 Colombia
49 Comoros
50 Congo
51 Congo, The Democratic Republic Of The
52 Cook Islands
53 Costa Rica
54 Cote D'ivoire
55 Croatia
56 Cuba

57 Cyprus
58 Czech Republic
59 Denmark
60 Djibouti
61 Dominica
62 Dominican Republic
63 Ecuador
64 Egypt
65 El Salvador
66 Equatorial Guinea
67 Eritrea
68 Estonia
69 Ethiopia
70 Falkland Islands (Malvinas)
71 Faroe Islands
72 Fiji
73 Finland
74 France
75 French Guiana
76 French Polynesia
77 French Southern Territories
78 Gabon
79 Gambia
80 Georgia
81 Germany
82 Ghana
83 Gibraltar
84 Greece
85 Greenland
86 Grenada
87 Guadeloupe
88 Guam
89 Guatemala
90 Guernsey
91 Guinea
92 Guinea-bissau
93 Guyana
94 Haiti
95 Heard Island And Mcdonald Islands
96 Holy See (Vatican City State)
97 Honduras
98 Hong Kong
99 Hungary
100 Iceland
101 India

102 Indonesia
103 Iran, Islamic Republic Of
104 Iraq
105 Ireland
106 Isle Of Man
107 Israel
108 Italy
109 Jamaica
110 Japan
111 Jersey
112 Jordan
113 Kazakhstan
114 Kenya
115 Kiribati
116 Korea, Democratic People's Republic Of
117 Korea, Republic Of
118 Kuwait
119 Kyrgyzstan
120 Lao People's Democratic Republic (Laos)
121 Latvia
122 Lebanon
123 Lesotho
124 Liberia
125 Libyan Arab Jamahiriya
126 Liechtenstein
127 Lithuania
128 Luxembourg
129 Macao
130 Macedonia, The Former Yugoslav Republic Of
131 Madagascar
132 Malawi
133 Malaysia
134 Maldives
135 Mali
136 Malta
137 Marshall Islands
138 Martinique
139 Mauritania
140 Mauritius
141 Mayotte
142 Mexico
143 Micronesia, Federated States Of
144 Moldova, Republic Of
145 Monaco
146 Mongolia

147 Montenegro
148 Montserrat
149 Morocco
150 Mozambique
151 Myanmar
152 Namibia
153 Nauru
154 Nepal
155 Netherlands
156 Netherlands Antilles
157 New Caledonia
158 New Zealand
159 Nicaragua
160 Niger
161 Nigeria
162 Niue
163 Norfolk Island
164 Northern Mariana Islands
165 Norway
166 Oman
167 Pakistan
168 Palau
169 Palestinian Territory, Occupied
170 Panama
171 Papua New Guinea
172 Paraguay
173 Peru
174 Philippines
175 Pitcairn
176 Poland
177 Portugal
178 Puerto Rico
179 Qatar
180 Reunion
181 Romania
182 Russian Federation
183 Rwanda
184 Saint Helena
185 Saint Kitts And Nevis
186 Saint Lucia
187 Saint Pierre And Miquelon
188 Saint Vincent And The Grenadines
189 Samoa
190 San Marino
191 Sao Tome And Principe

192 Saudi Arabia
193 Senegal
194 Serbia
195 Seychelles
196 Sierra Leone
197 Singapore
198 Slovakia
199 Slovenia
200 Solomon Islands
201 Somalia
202 South Africa
203 South Georgia And The South Sandwich Islands
204 Spain
205 Sri Lanka
206 Sudan
207 Suriname
208 Svalbard And Jan Mayen
209 Swaziland
210 Sweden
211 Switzerland
212 Syrian Arab Republic
213 Taiwan, Republic Of China
214 Tajikistan
215 Tanzania, United Republic Of
216 Thailand
217 Timor-leste
218 Togo
219 Tokelau
220 Tonga
221 Trinidad And Tobago
222 Tunisia
223 Turkey
224 Turkmenistan
225 Turks And Caicos Islands
226 Tuvalu
227 Uganda
228 Ukraine
229 United Arab Emirates
230 United Kingdom
232 United States Minor Outlying Islands
233 Uruguay
234 Uzbekistan
235 Vanuatu
236 Venezuela
237 Viet Nam

238 Virgin Islands, British
239 Virgin Islands, U.S.
240 Wallis And Futuna
241 Western Sahara
242 Yemen
243 Zambia
244 Zimbabwe
300 Other
END OF IF

Fill code of question FLA083 executed

A083_ (NEW COHORT - YEARS AT SECOND CITY/STATE in section SectionA)
How many years have you lived in or around
(^A170_A081TOthResST_A/^A082SOthResST_S/^A080TOthResCty_A/where your
other residence is)?
RANGE 0..97
END OF IF
END OF IF
END OF IF

IF z076 = YES AND (A071_SameMainR = YES OR a072 = YES) AND (a073 = YES OR
a074 = YES) THEN
a084 := 2
ELSEIF A079_ = YES THEN
a084 := 2
ELSE
IF A167_A028 != YES OR (A167_A028 = YES AND A070_NHOwnRent = YES) THEN
a084 := 1
ELSE
a084 := 0
END OF IF
END OF IF

IF A084 = 0 THEN
FLMainResidence := trim(ucwords(strtolower(A067_CtyNHome)))
X025_MainCty := FLMainResidence
X026_MainSt := trim(ucwords(strtolower(A168_A068_STNHome)))

IF A168_A068_STNHome = 99 THEN
X026_MainSt := trim(ucwords(strtolower(A069SSTNHome_S)))
END OF IF

ELSEIF A084 = 1 THEN
　IF z076 = yes THEN

　　IF Z076 = YES AND preload_x025 = RESPONSE AND (A071_SameMainR = YES OR
　　A072 = YES) THEN
　　　FLMainResidence := trim(ucwords(strtolower(preload_x025)))
　　　X025_MainCty := trim(ucwords(strtolower(preload_x025)))
　　　X026_MainSt := trim(ucwords(strtolower(preload_x026)))
　　ELSE
　　　FLMainResidence := trim(ucwords(strtolower(A075TCurResCty_A)))
　　　X025_MainCty := FLMainResidence
　　　X026_MainSt := trim(ucwords(strtolower(A169_A076TCurResST_A)))

　　　IF A169_A076TCurResST_A = 99 THEN
　　　　X026_MainSt := trim(ucwords(strtolower(A169_A076TCurResST_A)))
　　　END OF IF
　　END OF IF

　　X029_OtherCty := empty
　　X030_OtherSt := empty
　ELSE
　　FLMainResidence := trim(ucwords(strtolower(A075TCurResCty_A)))
　　X025_MainCty := FLMainResidence
　　X026_MainSt := trim(ucwords(strtolower(A169_A076TCurResST_A)))

　　IF A169_A076TCurResST_A = 99 THEN
　　　X026_MainSt := trim(ucwords(strtolower(A169_A076TCurResST_A)))
　　END OF IF

　　X029_OtherCty := empty
　　X030_OtherSt := empty
　END OF IF
ELSE
　Fill code of question FLA085 executed

　A085_WhichMainRes (MAIN RESIDENCE in section SectionA)
　Which is your main residence? (By "main residence" we mean the one where you spend
　the most time)
　1 ((CURRENT RESIDENCE CITY()))
　2 ((OTHER RESIDENCE CITY()))
　3 ((x025 preload()))
　4 ((city not main residence()))

```
IF A085_WhichMainRes = 1 THEN
    FLMainResidence := trim(ucwords(strtolower(preload_x025)))
    X025_MainCty := trim(ucwords(strtolower(preload_x025)))
    X026_MainSt := trim(ucwords(strtolower(preload_x026)))

    IF A080TOthResCty_A = RESPONSE THEN
        X029_OtherCty := trim(ucwords(strtolower(A080TOthResCty_A)))
        X030_OtherSt := trim(ucwords(strtolower(A170_A081TOthResST_A)))

        IF A170_A081TOthResST_A = 99 THEN
            X030_OtherSt := trim(ucwords(strtolower(A082SOthResST_S)))
        END OF IF
    ELSEIF (Z076 = YES AND preload_x029 = RESPONSE AND (A073 = YES OR A074 =
    YES)) THEN
        X029_OtherCty := trim(ucwords(strtolower(preload_x029)))
        X030_OtherSt := trim(ucwords(strtolower(preload_x030)))
    END OF IF
ELSEIF A085_WhichMainRes = 2 THEN
    FLMainResidence := trim(ucwords(strtolower(A075TCurResCty_A)))
    X025_MainCty := FLMainResidence
    X026_MainSt := trim(ucwords(strtolower(A169_A076TCurResST_A)))

    IF A169_A076TCurResST_A = 99 THEN
        X026_MainSt := trim(ucwords(strtolower(A077SCurResST_S)))
    END OF IF

    IF A080TOthResCty_A = RESPONSE THEN
        X029_OtherCty := trim(ucwords(strtolower(A080TOthResCty_A)))
        X030_OtherSt := trim(ucwords(strtolower(A170_A081TOthResST_A)))

        IF A170_A081TOthResST_A = 99 THEN
            X030_OtherSt := trim(ucwords(strtolower(A082SOthResST_S)))
        END OF IF
    ELSEIF (Z076 = YES AND preload_x029 = RESPONSE AND (A073 = YES OR A074 =
    YES)) THEN
        X029_OtherCty := trim(ucwords(strtolower(preload_x029)))
        X030_OtherSt := trim(ucwords(strtolower(preload_x030)))
    END OF IF
ELSEIF A085_WhichMainRes = 3 THEN
```

```
    FLMainResidence := trim(ucwords(strtolower(preload_x029)))
    X025_MainCty := trim(ucwords(strtolower(preload_x029)))
    X026_MainSt := trim(ucwords(strtolower(preload_x030)))

    IF A075TCurResCty_A = RESPONSE THEN
      X029_OtherCty := trim(ucwords(strtolower(A075TCurResCty_A)))
      X030_OtherSt := trim(ucwords(strtolower(A169_A076TCurResST_A)))

      IF A169_A076TCurResST_A = 99 THEN
        X030_OtherSt := trim(ucwords(strtolower(A077SCurResST_S)))
      END OF IF
    ELSEIF (Z076 = YES AND preload_x025 = RESPONSE AND (A071_SameMainR =
    YES OR A072 = YES)) THEN
      X029_OtherCty := trim(ucwords(strtolower(preload_x025)))
      X030_OtherSt := trim(ucwords(strtolower(preload_x026)))
    END OF IF
  ELSEIF A085_WhichMainRes = 4 THEN
    FLMainResidence := trim(ucwords(strtolower(A080TOthResCty_A)))
    X025_MainCty := FLMainResidence
    X026_MainSt := trim(ucwords(strtolower(A170_A081TOthResST_A)))

    IF A170_A081TOthResST_A = 99 THEN
      X026_MainSt := trim(ucwords(strtolower(A082SOthResST_S)))
    END OF IF

    IF A075TCurResCty_A = RESPONSE THEN
      X029_OtherCty := trim(ucwords(strtolower(A075TCurResCty_A)))
      X030_OtherSt := trim(ucwords(strtolower(A169_A076TCurResST_A)))

      IF A169_A076TCurResST_A = 99 THEN
        X030_OtherSt := trim(ucwords(strtolower(A077SCurResST_S)))
      END OF IF
    ELSEIF (Z076 = YES AND preload_x025 = RESPONSE AND (A071_SameMainR =
    YES OR A072 = YES)) THEN
      X029_OtherCty := trim(ucwords(strtolower(preload_x025)))
      X030_OtherSt := trim(ucwords(strtolower(preload_x026)))
    END OF IF
  END OF IF
END OF IF
```

Fill code of question FLAndYour executed
Fill code of question FLOrYour executed

A230_ := A212

End of section **SectionA**

Start of section **PreloadA2**

preload_childcounter := getHRSpreloadWave3(1,"childcounter")
preload_hhmembercounter := getHRSpreloadWave3(1,"hhmembercounter")

End of section **PreloadA2**

Start of section **SectionA2**

Fill code of question FLA087 executed
Fill code of question FLA087_2 executed
Fill code of question FLA087_3 executed

A087TIntroChild_A (Section SectionA2)
Relatives can have important effects on your life, especially if someone in your family needs help.

For this reason we would like to ask some questions about your children(and those of your ˆFLHWP)(and any people who may be living with you in your home in /).

(To make sure we have a full and accurate list of all your children, We will go through each child from our records and ask you to confirm or correct key information about them. We will be referring to these children by their first name so that we can be sure we are talking about the correct person. If we've missed a child or you have new children, we'll ask you to add them./First, if youˆFLOryour have children, we will ask you to list their names, sex and relationship to youˆFLAndyour. We will then ask a few questions about each child's living arrangements.)

askliving := YES
askhh := YES
E054 := NO
Fill code of question FLX056 executed
Fill code of question FLX056_2 executed
childcounter := 0
hhmembercounter := 0
A106_NumContactKids := 0
A100_NumNRKids := 0
A099_NumRKids := 0
A101_TotalKids := 0
A098_NumHHM := 0
A102_NumInLaw := 0

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A102_NumRInLaw := 0
personcounter := 3
A102_TotalNumInLaw := 0
E140_ResNonKid := 0
E180_siblings := 0
E181_siblings := 0
preload_X056AResStat := getHRSPreloadWave3(1,"X056AResStat", 2)

IF sizeof(ChildX056AResStat_order) = 0 THEN
| ChildX056AResStat_order := array(1 →1, 2 →2, 5 →5, 6 →6, 7 →7)
END OF IF

IF sizeof(ChildA956AResStat_order) = 0 THEN
| ChildA956AResStat_order := array(1 →1, 2 →2, 5 →5, 6 →6)
END OF IF

IF sizeof(HHMemberX056AResStat_order) = 0 THEN
| HHMemberX056AResStat_order := array(1 →1, 2 →2, 5 →5, 6 →6, 7 →7)
END OF IF

IF z076 = YES AND preload_childcounter > 0 THEN
| askliving := NO
|
| **a2_preload_intro** (Section SectionA2)
| First we want to ask you to confirm our records on any childr(en) you reported in (January/February/March/April/May/June/July/August/September/October/November/December), (INTERVIEW YEAR PREVIOUS WAVE()). When you click "Next" we will retrieve this information. Please wait until the next screen appears.
|
| preload_ChildX058AFName := getHRSPreloadWave3(1,"ChildX058AFName", 2)
| preload_ChildX061ARelateR := getHRSPreloadWave3(1,"ChildX061ARelateR", 2)
| preload_ChildX063ARelateSp := getHRSPreloadWave3(1,"ChildX063ARelateSp", 2)
| preload_ChildX060ASex := getHRSPreloadWave3(1,"ChildX060ASex", 2)
| preload_ChildX056AResStat := getHRSPreloadWave3(1,"ChildX056AResStat", 2)
| preload_ChildX004AmoBorn := getHRSPreloadWave3(1,"ChildX004AmoBorn", 2)
| preload_ChildX067AYrBorn := getHRSPreloadWave3(1,"ChildX067AYrBorn", 2)
| preload_ChildX096AMarried := getHRSPreloadWave3(1,"ChildX096AMarried", 2)
|
| **a2_preload_intro2** (Section SectionA2)
| Thank you! Note that in the following screens some of the answers may be pre-filled. Please feel free to make changes where necessary, otherwise simply click "Next" to confirm our information.

preload_ChildX097APartnered := getHRSPreloadWave3(1,"ChildX097APartnered", 2)
preload_ChildX065ACouplenss := getHRSPreloadWave3(1,"ChildX065ACouplenss", 2)
preload_ChildA958AFName := getHRSPreloadWave3(1,"ChildA958AFName", 2)
preload_ChildA960ASex := getHRSPreloadWave3(1,"ChildA960ASex", 2)
preload_ChildA956AResStat := getHRSPreloadWave3(1,"ChildA956AResStat", 2)
preload_ChildA904AmoBorn := getHRSPreloadWave3(1,"ChildA904AmoBorn", 2)
preload_ChildA967AYrBorn := getHRSPreloadWave3(1,"ChildA967AYrBorn", 2)
preload_confirm_Child := getHRSPreloadWave3(1,"confirm_Child", 2)
preload_update_Child := getHRSPreloadWave3(1,"update_Child", 2)

LOOP FROM 1 TO PRELOAD_CHILDCOUNTER

childcounter := childcounter + 1
Fill code of question FLX058 executed

IF (preload_update_Child(A2cnt) != 8 AND preload_confirm_Child(A2cnt) != NO) THEN

ChildX058AFName(A2cnt) := preload_ChildX058AFName(A2cnt)
preload_ChildX061ARelateR_dummy(A2cnt) := preload_ChildX061ARelateR(A2cnt)
Fill code of question FL_update_intro executed

IF preload_ChildX056AResStat(A2cnt) = 4 THEN

update_Child(A2cnt) := 1

ELSE

update_Child (indicates if R needs to update child information in section SectionA2) (Let's start with ^preload_ChildX058AFName(A2cnt)/Let's talk about ^preload_ChildX058AFName(A2cnt)). Is all the information we have listed below correct?

First name: ((A2cnt))
Relationship to you: ((A2cnt))
Relationship to your (husband/wife/partner/spouse): ((A2cnt))
Sex: ((A2cnt))
Residency status: ((A2cnt))
Alive: yes
1 Yes, this is all correct
5 No, I need to make one or more corrections
8 This is not a child of mine

55

END OF IF

IF update_Child(A2cnt) = 1 THEN

ChildX058AFName(A2cnt) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

IF ChildX058AFName(A2cnt) = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ChildX058AFName_extra (Section SectionA2)
In the last survey you did not provide a name for this person, but you did give other details.

ChildX058AFName (CHILD FIRST NAME in section SectionA2)
What is the first name of the (first/next) child? (This is just so we can refer to them in later questions. If you do not wish to provide their real name, please feel free to use another name or nickname that will help you identify them.)
STRING

END OF GROUP

END OF IF

ChildX061ARelateR(A2cnt) := preload_ChildX061ARelateR(A2cnt)
ChildX063ARelateSp(A2cnt) := preload_ChildX063ARelateSp(A2cnt)
ChildX060ASex(A2cnt) := preload_ChildX060ASex(A2cnt)

IF preload_ChildX056AResStat(A2cnt) = 4 THEN

ChildX065_childalive(A2cnt) := NO

ELSE

ChildX065_childalive(A2cnt) := YES

END OF IF

A101_TotalKids := A101_TotalKids + 1

ELSEIF update_Child(A2cnt) = 8 THEN

ChildX056AResStat(A2cnt) := 6
X056AResStat(personcounter) := 6
personcounter := personcounter + 1

ELSE

IF ChildX058AFName(A2cnt) = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ChildX058AFName_extra (Section SectionA2)
In the last survey you did not provide a name for this person, but you did give other details.

ChildX058AFName (CHILD FIRST NAME in section SectionA2)
What is the first name of the (first/next) child? (This is just so we can refer to them in later questions. If you do not wish to provide their real name, please feel free to use another name or nickname that will help you identify them.)
STRING

END OF GROUP

END OF IF

ChildX058AFName(A2cnt) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))
A101_TotalKids := A101_TotalKids + 1

IF ChildX061ARelateR(A2cnt) = EMPTY THEN

ChildX061ARelateR(A2cnt) := preload_ChildX061ARelateR(A2cnt)

END OF IF

A225 (CHILD ALIVE OF SPOUSE/PARTNER in section SectionA2)
Is (CHILD FIRST NAME(A2cnt)) still alive?
1 Yes
5 No

IF A225(A2cnt) = RESPONSE THEN

IF A225(A2cnt) = 1 THEN

ChildX065_childalive(A2cnt) := YES

ELSE

| ChildX065_childalive(A2cnt) := NO

END OF IF

ELSE

IF preload_ChildX056AResStat(A2cnt) = 4 THEN

| ChildX065_childalive(A2cnt) := NO

ELSE

| ChildX065_childalive(A2cnt) := YES

END OF IF

END OF IF

ChildX061ARelateR (CHILD RELATIONSHIP TO R in section SectionA2)
What is (CHILD FIRST NAME(A2cnt))'s relationship to you?
3 Son
4 Stepson or spouse/partner's daughter
6 Daughter
7 Stepdaughter or spouse/partner's daughter
20 Other individual
30 Former step-child
90 Other type of child

IF A166_current = YES OR A166_A020TSameSpP_A IN (1,2,3,4) THEN

IF A166_A020TSameSpP_A IN (1,3) THEN

IF ChildX063ARelateSp(A2cnt) = EMPTY THEN

| ChildX063ARelateSp(A2cnt) := preload_ChildX063ARelateSp(A2cnt)

END OF IF

END OF IF

ChildX063ARelateSp (CHILD RELATIONSHIP TO PARTNER in section SectionA2)
What is (CHILD FIRST NAME(A2cnt))'s relationship to your (hus-

band/wife/partner/spouse)?
3 Son
4 Stepson or spouse/partner's daughter
6 Daughter
7 Stepdaughter or spouse/partner's daughter
90 Other type of child

END OF IF

IF ChildX061ARelateR(A2cnt) IN (3,4,8) OR ChildX063ARelateSp(A2cnt) IN (3,4,8) THEN

ChildX060ASex(A2cnt) := 1

ELSEIF ChildX061ARelateR(A2cnt) IN (5,6,7) OR ChildX063ARelateSp(A2cnt) IN (5,6,7) THEN

ChildX060ASex(A2cnt) := 2

ELSE

IF ChildX060ASex(A2cnt) = EMPTY THEN

ChildX060ASex(A2cnt) := preload_ChildX060ASex(A2cnt)

END OF IF

ChildX060ASex (CHILD SEX in section SectionA2)
What is (CHILD FIRST NAME(A2cnt))'s sex?
1 Male
2 Female

END OF IF

END OF IF

ELSE

update_child(A2cnt) := 8

END OF IF

IF update_Child(A2cnt) = 8 THEN

I

ELSE

IF update_Child(A2cnt) = 1 THEN

IF ChildX065_childalive(A2cnt) = NO THEN

A225(A2cnt) := NO

ELSE

A225 (CHILD ALIVE OF SPOUSE/PARTNER in section SectionA2)
Is (CHILD FIRST NAME(A2cnt)) still alive?
1 Yes
5 No

END OF IF

IF A225(A2cnt) = RESPONSE THEN

IF A225(A2cnt) = 1 THEN

ChildX065_childalive(A2cnt) := YES

ELSE

ChildX065_childalive(A2cnt) := NO

END OF IF

ELSE

IF preload_ChildX056AResStat(A2cnt) = 4 THEN

ChildX065_childalive(A2cnt) := NO

ELSE

ChildX065_childalive(A2cnt) := YES

END OF IF

END OF IF

END OF IF

IF ChildX065_childalive(A2cnt) = NO THEN

ChildX056AResStat(A2cnt) := 4

ELSEIF (A167_A028 = YES AND A209_LivTogethr = YES) OR (A167_A028 = YES AND A033_SpInNHome = YES) THEN

ChildX056AResStat(A2cnt) := 5

ELSEIF (A166_A020TSameSpP_A IN (1,3) AND A030 = YES AND A167_A028 = YES) THEN

ChildX056AResStat(A2cnt) := 5

ELSEIF A167_A028 = YES AND A166_current != YES THEN

ChildX056AResStat(A2cnt) := 5

ELSEIF (A167_A028 = YES AND not(X065ACouplenss(1) IN (1,2,3,4))) THEN

ChildX056AResStat(A2cnt) := 5

ELSE

IF ChildX056AResStat(A2cnt) = EMPTY THEN

IF preload_ChildX056AResStat(A2cnt) = 3 THEN

ChildX056AResStat(A2cnt) := 2

ELSE

ChildX056AResStat(A2cnt) := preload_ChildX056AResStat(A2cnt)

END OF IF

END OF IF

ChildX056AResStat (CHILD RES in section SectionA2)
Does (CHILD FIRST NAME(A2cnt)) live with (you/your ˆFLHWP)?
1 Lives (with me/with my ˆFLHWP)
2 Temporarily away and does not have any other permanent address (temporarily

away, e.g., school, traveling)
3 Temporarily away (for another reason, such as traveling) and does not have any other permanent address
4 Passed away
5 Does not live (with me/with my ˆFLHWP)
6 Have no contact
7 (I don't know this person)

END OF IF

IF ChildX056AResStat(A2cnt) != 7 AND ChildX061ARelateR(A2cnt) IN (3,4,6,7) THEN

  IF ChildX056AResStat(A2cnt) = 4 AND preload_ChildX056AResStat(A2cnt) != 4 THEN

    Fill code of question FLX072 executed

    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

      ChildX072AMoChgResStat (CHILD MOVE_IN_OUT_DIE MONTH in section SectionA2)
      In what month and year did (CHILD FIRST NAME(A2cnt)) (move out/move in/die)?
      1 January
      2 February
      3 March
      4 April
      5 May
      6 June
      7 July
      8 August
      9 September
      10 October
      11 November
      12 December

      ChildX073AYrChgResStat (CHILD MOVE_IN_OUT_DIE YEAR in section SectionA2)
      RANGE 1900..(())

    END OF GROUP

ELSEIF ChildX056AResStat(A2cnt) IN (1,2,3) AND not(preload_ChildX056AResStat(A2cnt) IN (1,2,3)) THEN

Fill code of question FLX072 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ChildX072AMoChgResStat (CHILD MOVE_IN_OUT_DIE MONTH in section SectionA2)
In what month and year did (CHILD FIRST NAME(A2cnt)) (move out/move in/die)?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

ChildX073AYrChgResStat (CHILD MOVE_IN_OUT_DIE YEAR in section SectionA2)
RANGE 1900..(())

END OF GROUP

ELSEIF ChildX056AResStat(A2cnt) != 1 AND preload_ChildX056AResStat(A2cnt) IN (1,2,3) THEN

Fill code of question FLX072 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ChildX072AMoChgResStat (CHILD MOVE_IN_OUT_DIE MONTH in section SectionA2)
In what month and year did (CHILD FIRST NAME(A2cnt)) (move out/move in/die)?
1 January
2 February
3 March
4 April

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

ChildX073AYrChgResStat (CHILD MOVE_IN_OUT_DIE YEAR in section SectionA2)
RANGE 1900..(())

END OF GROUP

END OF IF

IF not(ChildX056AResStat(A2cnt) IN (4,6)) THEN

E016_A106 := personcounter
A106_NumContactKids := A106_NumContactKids + 1

END OF IF

IF ChildX056AResStat(A2cnt) = 5 THEN

E013_A100 := personcounter
A100_NumNRKids := A100_NumNRKids + 1

ELSEIF ChildX056AResStat(A2cnt) = 1 THEN

A099_NumRKids := A099_NumRKids + 1

END OF IF

END OF IF

IF ChildX004AmoBorn(A2cnt) = EMPTY THEN

ChildX004AmoBorn(A2cnt) := preload_ChildX004AmoBorn(A2cnt)

END OF IF

IF ChildX067AYrBorn(A2cnt) = EMPTY THEN

ChildX067AYrBorn(A2cnt) := preload_ChildX067AYrBorn(A2cnt)

END OF IF

IF not(ChildX056AResStat(A2cnt) IN (4,7)) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ChildX004AmoBorn (CHILD MONTH BORN in section SectionA2)
In what month and year was (CHILD FIRST NAME(A2cnt)) born?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

ChildX067AYrBorn (CHILD YEAR BORN-UPDATED in section SectionA2)
RANGE 1890..(())

END OF GROUP

END OF IF

X058AFName(personcounter) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))
X061ARelateR(personcounter) := ChildX061ARelateR(A2cnt)
X055_index(personcounter) := personcounter
X056AResStat(personcounter) := ChildX056AResStat(A2cnt)
X060ASex(personcounter) := ChildX060ASex(A2cnt)
X004AmoBorn(personcounter) := ChildX004AmoBorn(A2cnt)
X067AYrBorn(personcounter) := ChildX067AYrBorn(A2cnt)
X065_childalive(personcounter) := ChildX065_childalive(A2cnt)
X065_alive(personcounter) := X065_childalive(personcounter)
X0ChildIndex(personcounter) := A2cnt
tempindex := personcounter

IF   ChildX065_childalive(A2cnt)   !=   NO   AND   (preload_ChildX096AMarried(A2cnt)
= 1 OR preload_ChildX097APartnered(A2cnt) = 1) THEN

Fill code of question FLX095 executed
Fill code of question FLX095_2 executed

ChildX095A (child still married in section SectionA2)
Is ((A2cnt)) still (CHILD FIRST NAME(A2cnt))'s (spouse/partner)?
1 Yes
2 Yes, but ((A2cnt)) is misspelled (please specify):
3 (^preload_ChildA958AFName(A2cnt) is now his/her spouse)
5 No
6 No, (CHILD FIRST NAME(A2cnt)) was never married or partnered to this person

ChildA972S (misspelled spouse/partner name in section SectionA2)
STRING

END OF GROUP

IF ChildX095a(A2cnt) = 5 THEN

ChildX076a (spouse, partner still alive in section SectionA2)
Is ((A2cnt)) still alive?
1 Yes
5 No
6 Not sure/I have no contact with this person

END OF IF

END OF IF

IF ChildX095a(A2cnt) IN (1,2,3) THEN

|

ELSE

IF not(ChildX056AResStat(A2cnt) IN (4,7)) AND (ChildX067AYrBorn(A2cnt) = EMPTY OR (FLCurrentYear - ChildX067AYrBorn(A2cnt)) > 11) THEN

Fill code of question FLShe executed
Fill code of question FLX096 executed

ChildX096AMarried (CHILD MARRIED in section SectionA2)
(Is ^ChildX058AFName(A2cnt) married?/Was ^ChildX058AFName(A2cnt) married when ^FLShe passed away?)

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1 Yes
5 No

IF ChildX096AMarried(A2cnt) != YES THEN

  Fill code of question FLX097 executed

  IF ChildX097APartnered(A2cnt) = EMPTY THEN

    ChildX097APartnered(A2cnt) := preload_ChildX097APartnered(A2cnt)

  END OF IF

  ChildX097APartnered (CHILD PARTNERED in section SectionA2)
  (Is ^ChildX058AFName(A2cnt) living with a partner as if married?/Was ^ChildX058AFName(A2cnt) living with a partner as if married when ^FLShe passed away?)
  1 Yes
  5 No

  IF ChildX097APartnered(A2cnt) = YES THEN

    ChildX065ACouplenss(A2cnt) := 3

  ELSE

    ChildX065ACouplenss(A2cnt) := 6

  END OF IF

ELSE

  ChildX065ACouplenss(A2cnt) := 1

END OF IF

ELSE

  ChildX065ACouplenss(A2cnt) := 6

END OF IF

END OF IF

X065ACouplenss(personcounter) := ChildX065ACouplenss(A2cnt)
personcounter := personcounter + 1

IF ChildX095a(A2cnt) IN (1,2,3) THEN

  ChildA958AFName(A2cnt) := preload_ChildA958AFName(A2cnt)

  IF ChildA958AFName(A2cnt) = EMPTY THEN

    ChildA958AFName (CHILD SPOUSE/PARTNER FIRST NAME in section Section A2)
    What is (CHILD FIRST NAME(A2cnt))'s (spouse/partner)'s first name? (This is just so we can refer to them in later questions. If you do not wish to provide their real name, please feel free to use another name or nickname that will help you identify them.)
    STRING

  END OF IF

  ChildA958AFName(A2cnt) := trim(ucwords(strtolower(ChildA958AFName(A2cnt))))
  ChildA960ASex(A2cnt) := preload_ChildA960ASex(A2cnt)

  IF ChildX076A(A2cnt) = 5 THEN

    ChildA956AResStat(A2cnt) := 4

  ELSEIF (A167_A028 = YES AND A209_LivTogethr = YES) OR (A167_A028 = YES AND A033_SpInNHome = YES) THEN

    ChildA956AResStat(A2cnt) := 5

  ELSEIF (A166_A020TSameSpP_A IN (1,3) AND A030 = YES AND A167_A028 = YES) THEN

    ChildA956AResStat(A2cnt) := 5

  ELSEIF A167_A028 = YES AND A166_current != YES THEN

    ChildA956AResStat(A2cnt) := 5

  ELSEIF (A167_A028 = YES AND not(X065ACouplenss(1) IN (1,2,3,4))) THEN

    ChildA956AResStat(A2cnt) := 5

ELSE

  IF ChildA956AResStat(A2cnt) = EMPTY THEN

   IF preload_ChildA956AResStat(A2cnt) = 3 THEN

    ChildA956AResStat(A2cnt) := 2

   ELSE

    ChildA956AResStat(A2cnt) := preload_ChildA956AResStat(A2cnt)

   END OF IF

  END OF IF

ChildA956AResStat (CHILD SP_RESIDENCY in section SectionA2)
Does (CHILD SPOUSE/PARTNER FIRST NAME(A2cnt)) live with (you/your ^FLHWP)?
1 Lives (with me/with my ^FLHWP)
2 Temporarily away and does not have any other permanent address (temporarily away, e.g., school, traveling)
3 Temporarily away (for another reason, such as traveling) and does not have any other permanent address
4 Passed away
5 Does not live (with me/with my ^FLHWP)
6 Have no contact

END OF IF

IF ChildA956AResStat(A2cnt) = 1 THEN

  A102_NumRInLaw := A102_NumRInLaw + 1

END OF IF

A102_TotalNumInLaw := A102_TotalNumInLaw + 1

IF not(ChildA956AResStat(A2cnt) IN (4,6)) THEN

  A102_NumInLaw := A102_NumInLaw + 1

END OF IF

ChildA904AmoBorn(A2cnt) := preload_ChildA904AmoBorn(A2cnt)

```
ChildA967AYrBorn(A2cnt) := preload_ChildA967AYrBorn(A2cnt)
X058AFName(personcounter) := trim(ucwords(strtolower(ChildA958AFName(A2cnt))))
X065ACouplenss(personcounter) := ChildX065ACouplenss(A2cnt)
X004AmoBorn(personcounter) := ChildA904AmoBorn(A2cnt)
X067AYrBorn(personcounter) := ChildA967AYrBorn(A2cnt)
X055_index(personcounter) := personcounter

IF ChildX065ACouplenss(A2cnt) = 1 THEN

  IF ChildX060ASex(A2cnt) = 1 THEN

    X061ARelateR(personcounter) := 8

  ELSEIF ChildX060ASex(A2cnt) = 2 THEN

    X061ARelateR(personcounter) := 5

  ELSE

    X061ARelateR(personcounter) := 91

  END OF IF

ELSE

  X061ARelateR(personcounter) := 91

END OF IF

IF ChildX056AResStat(A2cnt) = 4 THEN

  ChildX065_childalive(A2cnt) := NO
  X065_childalive(personcounter) := NO

ELSE

  ChildX065_childalive(A2cnt) := YES
  X065_childalive(personcounter) := YES

END OF IF

X065_alive(personcounter) := X065_childalive(personcounter)
X060ASex(personcounter) := ChildA960ASex(A2cnt)
X056AResStat(personcounter) := ChildA956AResStat(A2cnt)
```

```
| personcounter := personcounter + 1

ELSEIF ChildX095a(A2cnt) = 5 THEN

  X061ARelateR(personcounter) := 31

  IF ChildX076A(A2cnt) = 5 THEN

    X056AResStat(personcounter) := 4
    ChildX065_childalive(A2cnt) := NO
    X065_childalive(personcounter) := NO

  ELSE

    IF preload_ChildA956AResStat(A2cnt) = 3 THEN

      X056AResStat(personcounter) := 2

    ELSE

      X056AResStat(personcounter) := preload_ChildA956AResStat(A2cnt)

    END OF IF

    X065_childalive(personcounter) := YES

  END OF IF

  X058AFName(personcounter) := trim(ucwords(strtolower(preload_ChildA958AFName(A2cnt))))
  X060ASex(personcounter) := preload_ChildA960ASex(A2cnt)
  X055_index(personcounter) := personcounter
  X004AmoBorn(personcounter) := preload_ChildA904AmoBorn(A2cnt)
  X067AYrBorn(personcounter) := preload_ChildA967AYrBorn(A2cnt)
  X065ACouplenss(personcounter) := empty
  X065_alive(personcounter) := X065_childalive(personcounter)
  personcounter := personcounter + 1

ELSEIF ChildX056AResStat(A2cnt) = 4 AND (preload_ChildX096AMarried(A2cnt) =
1 OR preload_ChildX097APartnered(A2cnt) = 1) THEN

  X061ARelateR(personcounter) := 31

  IF preload_ChildA956AResStat(A2cnt) = 3 THEN
```

X056AResStat(personcounter) := 2

ELSE

X056AResStat(personcounter) := preload_ChildA956AResStat(A2cnt)

END OF IF

IF X056AResStat(personcounter) = 4 THEN

X065_childalive(personcounter) := NO

ELSE

X065_childalive(personcounter) := YES

END OF IF

X058AFName(personcounter) := trim(ucwords(strtolower(preload_ChildA958AFName(A2cnt))))
X060ASex(personcounter) := preload_ChildA960ASex(A2cnt)
X055_index(personcounter) := personcounter
X004AmoBorn(personcounter) := preload_ChildA904AmoBorn(A2cnt)
X067AYrBorn(personcounter) := preload_ChildA967AYrBorn(A2cnt)
X065ACouplenss(personcounter) := empty
X065_alive(personcounter) := X065_childalive(personcounter)
personcounter := personcounter + 1

END OF IF

IF not(ChildX095a(A2cnt) IN (1,2,3)) AND (ChildX096AMarried(A2cnt) = YES OR (ChildX096AMarried(A2cnt) != YES AND ChildX097APartnered(A2cnt) = YES)) THEN

Fill code of question FLChildSpousePartner executed

ChildA958AFName (CHILD SPOUSE/PARTNER FIRST NAME in section SectionA2)
What is (CHILD FIRST NAME(A2cnt))'s (spouse/partner)'s first name? (This is just so we can refer to them in later questions. If you do not wish to provide their real name, please feel free to use another name or nickname that will help you identify them.)
STRING

ChildA958AFName(A2cnt) := trim(ucwords(strtolower(ChildA958AFName(A2cnt))))

ChildA960ASex (CHILD SPOUSE/PARTNER SEX in section SectionA2)
What is (CHILD SPOUSE/PARTNER FIRST NAME(A2cnt))'s sex?
1 Male
2 Female

ChildX076a_new (new spouse, partner still alive in section SectionA2)
Is (CHILD SPOUSE/PARTNER FIRST NAME(A2cnt)) still alive?
1 Yes
5 No
6 Not sure/I have no contact with this person

ChildX076A(A2cnt) := ChildX076A_new(A2cnt)

IF ChildX076A(A2cnt) = 5 THEN

　ChildA956AResStat(A2cnt) := 4

ELSEIF (A167_A028 = YES AND A209_LivTogethr = YES) OR (A167_A028 = YES AND A033_SpInNHome = YES) THEN

　ChildA956AResStat(A2cnt) := 5

ELSEIF (A166_A020TSameSpP_A IN (1,3) AND A030 = YES AND A167_A028 = YES) THEN

　ChildA956AResStat(A2cnt) := 5

ELSEIF A167_A028 = YES AND A166_current != YES THEN

　ChildA956AResStat(A2cnt) := 5

ELSEIF (A167_A028 = YES AND not(X065ACouplenss(1) IN (1,2,3,4))) THEN

　ChildA956AResStat(A2cnt) := 5

ELSE

　ChildA956AResStat (CHILD SP_RESIDENCY in section SectionA2)
　Does (CHILD SPOUSE/PARTNER FIRST NAME(A2cnt)) live with (you/your ^FL-HWP)?
　1 Lives (with me/with my ^FLHWP)
　2 Temporarily away and does not have any other permanent address (temporarily away, e.g., school, traveling)
　3 Temporarily away (for another reason, such as traveling) and does not have any

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other permanent address
4 Passed away
5 Does not live (with me/with my ^FLHWP)
6 Have no contact

END OF IF

IF ChildA956AResStat(A2cnt) = 1 THEN

| A102_NumRInLaw := A102_NumRInLaw + 1

END OF IF

A102_TotalNumInLaw := A102_TotalNumInLaw + 1

IF not(ChildA956AResStat(A2cnt) IN (4,6)) THEN

| A102_NumInLaw := A102_NumInLaw + 1

END OF IF

IF ChildA904AmoBorn(A2cnt) = EMPTY THEN

| ChildA904AmoBorn(A2cnt) := preload_ChildA904AmoBorn(A2cnt)

END OF IF

IF ChildA967AYrBorn(A2cnt) = EMPTY THEN

| ChildA967AYrBorn(A2cnt) := preload_ChildA967AYrBorn(A2cnt)

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ChildA904AmoBorn (CHILD SPOUSE/PARTNER MONTH BORN in section SectionA2)
In what month and year was (CHILD SPOUSE/PARTNER FIRST NAME(A2cnt)) born?
1 January
2 February
3 March
4 April
5 May
6 June

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7 July
8 August
9 September
10 October
11 November
12 December

ChildA967AYrBorn (CHILD   SPOUSE/PARTNER   YEAR   BORN-UPDATED
in section SectionA2)
RANGE 1890..(())

END OF GROUP

X058AFName(personcounter) := trim(ucwords(strtolower(ChildA958AFName(A2cnt))))
X065ACouplenss(personcounter) := ChildX065ACouplenss(A2cnt)
X004AmoBorn(personcounter) := ChildA904AmoBorn(A2cnt)
X067AYrBorn(personcounter) := ChildA967AYrBorn(A2cnt)

IF ChildX065ACouplenss(A2cnt) = 1 THEN

 IF ChildX060ASex(A2cnt) = 1 THEN

  X061ARelateR(personcounter) := 8

 ELSEIF ChildX060ASex(A2cnt) = 2 THEN

  X061ARelateR(personcounter) := 5

 ELSE

  X061ARelateR(personcounter) := 91

 END OF IF

ELSE

 X061ARelateR(personcounter) := 91

END OF IF

IF ChildX056AResStat(A2cnt) = 4 THEN

```
      ChildX065_childalive(A2cnt) := NO
      X065_childalive(personcounter) := NO

  ELSE

      ChildX065_childalive(A2cnt) := YES
      X065_childalive(personcounter) := YES

  END OF IF

  X060ASex(personcounter) := ChildA960ASex(A2cnt)
  X056AResStat(personcounter) := ChildA956AResStat(A2cnt)
  X065_alive(personcounter) := X065_childalive(personcounter)
  X055_index(personcounter) := empty
  personcounter := personcounter + 1

END OF IF

IF ChildX061ARelateR(A2cnt) IN (3,4,6,7) THEN

  IF ChildX056AResStat(A2cnt) != 4 AND ChildX056AResStat(A2cnt) != 7 THEN

    FL_CHILDLIST(tempindex) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

  END OF IF

  IF ChildX056AResStat(A2cnt) = 5 THEN

    FL_E013LIST(tempindex) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

  END OF IF

  IF not(ChildX056AResStat(A2cnt) IN (4,6,7)) THEN

    FL_E016LIST(tempindex) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

  ELSE

    IF ChildA958AFName(A2cnt) != "" AND ChildX096AMarried(A2cnt) = YES OR
    (ChildX096AMarried(A2cnt) != YES AND ChildX097APartnered(A2cnt) = YES)
    AND not(ChildA956AResStat(A2cnt) IN (4,6,7)) THEN

      FL_E016LIST(tempindex) := trim(ucwords(strtolower(ChildA958AFName(A2cnt))))
```

```
      | | END OF IF

      | END OF IF

    END OF IF

    IF  ChildX056AResStat(A2cnt)  !=  7  AND  ChildX061ARelateR(A2cnt)  IN
    (3,4,6,7,9,30,90) THEN

      FL_E057LIST(tempindex) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

      IF ChildX061ARelateR(A2cnt) IN (3,4,6,7,30,90) THEN

      | FL_E061LIST(tempindex) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

      END OF IF

    END OF IF

  END OF IF

  END OF LOOP
END OF IF

cnt := (childcounter+1)

LOOP FROM CNT TO (CHILDCOUNTER+25)

  Fill code of question FLA208 executed

  A208ANewPerson (Section SectionA2)
  Do (you or your ^FLHWP/you) have any ( other) children or step-children?
  1 Yes
  5 No

  IF A208ANewPerson(A2cnt) = YES THEN

  | IF z076 = YES THEN

  | | E054 := YES
  | | penewhhms := YES

  | END OF IF
```

askliving := NO
childcounter := childcounter + 1
A101_TotalKids := A101_TotalKids + 1
Fill code of question FLX058 executed

ChildX058AFName (CHILD FIRST NAME in section SectionA2)
What is the first name of the (first/next) child? (This is just so we can refer to them in later questions. If you do not wish to provide their real name, please feel free to use another name or nickname that will help you identify them.)
STRING

ChildX058AFName(A2cnt) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

ChildX061ARelateR (CHILD RELATIONSHIP TO R in section SectionA2)
What is (CHILD FIRST NAME(A2cnt))'s relationship to you?
3 Son
4 Stepson or spouse/partner's daughter
6 Daughter
7 Stepdaughter or spouse/partner's daughter
20 Other individual
30 Former step-child
90 Other type of child

IF A166_current = YES OR A166_A020TSameSpP_A IN (1,2,3,4) THEN

> **ChildX063ARelateSp** (CHILD RELATIONSHIP TO PARTNER in section SectionA2)
> What is (CHILD FIRST NAME(A2cnt))'s relationship to your (husband/wife/partner/spouse)?
> 3 Son
> 4 Stepson or spouse/partner's daughter
> 6 Daughter
> 7 Stepdaughter or spouse/partner's daughter
> 90 Other type of child

END OF IF

IF ChildX061ARelateR(A2cnt) IN (3,4,8) OR ChildX063ARelateSp(A2cnt) IN (3,4,8) THEN

> ChildX060ASex(A2cnt) := 1

ELSEIF ChildX061ARelateR(A2cnt) IN (5,6,7) OR ChildX063ARelateSp(A2cnt) IN (5,6,7) THEN

ChildX060ASex(A2cnt) := 2

ELSE

ChildX060ASex (CHILD SEX in section SectionA2)
What is (CHILD FIRST NAME(A2cnt))'s sex?
1 Male
2 Female

END OF IF

A225 (CHILD ALIVE OF SPOUSE/PARTNER in section SectionA2)
Is (CHILD FIRST NAME(A2cnt)) still alive?
1 Yes
5 No

IF A225(A2cnt) = RESPONSE THEN

IF A225(A2cnt) = 1 THEN

ChildX065_childalive(A2cnt) := YES

ELSE

ChildX065_childalive(A2cnt) := NO

END OF IF

END OF IF

IF ChildX065_childalive(A2cnt) = NO THEN

ChildX056AResStat(A2cnt) := 4

ELSEIF (A167_A028 = YES AND A209_LivTogethr = YES) OR (A167_A028 = YES AND A033_SpInNHome = YES) THEN

ChildX056AResStat(A2cnt) := 5

ELSEIF (A166_A020TSameSpP_A IN (1,3) AND A030 = YES AND A167_A028 = YES) THEN

ChildX056AResStat(A2cnt) := 5

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ELSEIF A167_A028 = YES AND A166_current != YES THEN

| ChildX056AResStat(A2cnt) := 5

ELSEIF (A167_A028 = YES AND not(X065ACouplenss(1) IN (1,2,3,4))) THEN

| ChildX056AResStat(A2cnt) := 5

ELSE

| **ChildX056AResStat** (CHILD RES in section SectionA2)
| Does (CHILD FIRST NAME(A2cnt)) live with (you/your ˆFLHWP)?
| 1 Lives (with me/with my ˆFLHWP)
| 2 Temporarily away and does not have any other permanent address (temporarily away, e.g., school, traveling)
| 3 Temporarily away (for another reason, such as traveling) and does not have any other permanent address
| 4 Passed away
| 5 Does not live (with me/with my ˆFLHWP)
| 6 Have no contact
| 7 (I don't know this person)

END OF IF

IF ChildX061ARelateR(A2cnt) IN (3,4,6,7) THEN

| IF not(ChildX056AResStat(A2cnt) IN (4,6)) THEN
|
| | E016_A106 := personcounter
| | A106_NumContactKids := A106_NumContactKids + 1
|
| END OF IF
|
| IF ChildX056AResStat(A2cnt) = 5 THEN
|
| | E013_A100 := personcounter
| | A100_NumNRKids := A100_NumNRKids + 1
|
| ELSEIF ChildX056AResStat(A2cnt) = 1 THEN
|
| | A099_NumRKids := A099_NumRKids + 1
|
| END OF IF

END OF IF

ChildX004AmoBorn (CHILD MONTH BORN in section SectionA2)
In what month and year was (CHILD FIRST NAME(A2cnt)) born?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

ChildX067AYrBorn (CHILD YEAR BORN-UPDATED in section SectionA2)
RANGE 1890..(())

END OF GROUP

X058AFName(personcounter) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))
X061ARelateR(personcounter) := ChildX061ARelateR(A2cnt)
X056AResStat(personcounter) := ChildX056AResStat(A2cnt)
X060ASex(personcounter) := ChildX060ASex(A2cnt)
X004AmoBorn(personcounter) := ChildX004AmoBorn(A2cnt)
X067AYrBorn(personcounter) := ChildX067AYrBorn(A2cnt)
X065_childalive(personcounter) := ChildX065_childalive(A2cnt)
X065_alive(personcounter) := X065_childalive(personcounter)
X0ChildIndex(personcounter) := A2cnt
X055_index(personcounter) := empty
tempindex := personcounter

IF (ChildX067AYrBorn(A2cnt) = EMPTY OR (FLCurrentYear - ChildX067AYrBorn(A2cnt)) > 11) THEN

Fill code of question FLShe executed
Fill code of question FLX096 executed

ChildX096AMarried (CHILD MARRIED in section SectionA2)
(Is ^ChildX058AFName(A2cnt) married?/Was ^ChildX058AFName(A2cnt) married when ^FLShe passed away?)

1 Yes
5 No

IF ChildX096AMarried(A2cnt) != YES THEN

  Fill code of question FLX097 executed

  ChildX097APartnered (CHILD PARTNERED in section SectionA2)
  (Is ˆChildX058AFName(A2cnt) living with a partner as if married?/Was ˆChildX058AFName(A2cnt) living with a partner as if married when ˆFLShe passed away?)
  1 Yes
  5 No

  IF ChildX097APartnered(A2cnt) = YES THEN

    ChildX065ACouplenss(A2cnt) := 3

  ELSE

    ChildX065ACouplenss(A2cnt) := 6

  END OF IF

ELSE

  ChildX065ACouplenss(A2cnt) := 1

END OF IF

ELSE

  ChildX065ACouplenss(A2cnt) := 6

END OF IF

X065ACouplenss(personcounter) := ChildX065ACouplenss(A2cnt)
personcounter := personcounter + 1

IF ChildX096AMarried(A2cnt) = YES OR (ChildX096AMarried(A2cnt) != YES AND ChildX097APartnered(A2cnt) = YES) THEN

  Fill code of question FLChildSpousePartner executed

  ChildA958AFName (CHILD SPOUSE/PARTNER FIRST NAME in section Sec-

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tionA2)
What is (CHILD FIRST NAME(A2cnt))'s (spouse/partner)'s first name? (This is just so we can refer to them in later questions. If you do not wish to provide their real name, please feel free to use another name or nickname that will help you identify them.)
STRING

ChildA958AFName(A2cnt) := trim(ucwords(strtolower(ChildA958AFName(A2cnt))))

ChildA960ASex (CHILD SPOUSE/PARTNER SEX in section SectionA2)
What is (CHILD SPOUSE/PARTNER FIRST NAME(A2cnt))'s sex?
1 Male
2 Female

IF (A167_A028 = YES AND A209_LivTogethr = YES) OR (A167_A028 = YES AND A033_SpInNHome = YES) THEN

ChildA956AResStat(A2cnt) := 5

ELSEIF (A166_A020TSameSpP_A IN (1,3) AND A030 = YES AND A167_A028 = YES) THEN

ChildA956AResStat(A2cnt) := 5

ELSEIF A167_A028 = YES AND A166_current != YES THEN

ChildA956AResStat(A2cnt) := 5

ELSEIF (A167_A028 = YES AND not(X065ACouplenss(1) IN (1,2,3,4))) THEN

ChildA956AResStat(A2cnt) := 5

ELSE

ChildA956AResStat (CHILD SP_RESIDENCY in section SectionA2)
Does (CHILD SPOUSE/PARTNER FIRST NAME(A2cnt)) live with (you/your ^FLHWP)?
1 Lives (with me/with my ^FLHWP)
2 Temporarily away and does not have any other permanent address (temporarily away, e.g., school, traveling)
3 Temporarily away (for another reason, such as traveling) and does not have any other permanent address
4 Passed away
5 Does not live (with me/with my ^FLHWP)

| 6 Have no contact

END OF IF

IF ChildA956AResStat(A2cnt) = 1 THEN

| A102_NumRInLaw := A102_NumRInLaw + 1

END OF IF

A102_TotalNumInLaw := A102_TotalNumInLaw + 1

IF not(ChildA956AResStat(A2cnt) IN (4,6)) THEN

| A102_NumInLaw := A102_NumInLaw + 1

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ChildA904AmoBorn (CHILD SPOUSE/PARTNER MONTH BORN in section SectionA2)
In what month and year was (CHILD SPOUSE/PARTNER FIRST NAME(A2cnt)) born?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

ChildA967AYrBorn (CHILD SPOUSE/PARTNER YEAR BORN-UPDATED in section SectionA2)
RANGE 1890..(())

END OF GROUP

X058AFName(personcounter) := trim(ucwords(strtolower(ChildA958AFName(A2cnt))))
X065ACouplenss(personcounter) := ChildX065ACouplenss(A2cnt)

```
X004AmoBorn(personcounter) := ChildA904AmoBorn(A2cnt)
X067AYrBorn(personcounter) := ChildA967AYrBorn(A2cnt)

IF ChildX065ACouplenss(A2cnt) = 1 THEN

  IF ChildX060ASex(A2cnt) = 1 THEN

    X061ARelateR(personcounter) := 8

  ELSEIF ChildX060ASex(A2cnt) = 2 THEN

    X061ARelateR(personcounter) := 5

  ELSE

    X061ARelateR(personcounter) := 91

  END OF IF

ELSE

  X061ARelateR(personcounter) := 91

END OF IF

IF ChildX056AResStat(A2cnt) = 4 THEN

  ChildX065_childalive(A2cnt) := NO
  X065_childalive(personcounter) := NO

ELSE

  ChildX065_childalive(A2cnt) := YES
  X065_childalive(personcounter) := YES

END OF IF

X060ASex(personcounter) := ChildA960ASex(A2cnt)
X056AResStat(personcounter) := ChildA956AResStat(A2cnt)
X065_alive(personcounter) := X065_childalive(personcounter)
X055_index(personcounter) := empty
personcounter := personcounter + 1
```

END OF IF

IF ChildX061ARelateR(A2cnt) IN (3,4,6,7) THEN

  IF ChildX056AResStat(A2cnt) != 4 THEN

    FL_CHILDLIST(tempindex) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

  END OF IF

  IF ChildX056AResStat(A2cnt) = 5 THEN

    FL_E013LIST(tempindex) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

  END OF IF

  IF not(ChildX056AResStat(A2cnt) IN (4,6)) THEN

    FL_E016LIST(tempindex) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

  ELSE

    IF ChildA958AFName(A2cnt) != "" AND ChildX096AMarried(A2cnt) = YES OR (ChildX096AMarried(A2cnt) != YES AND ChildX097APartnered(A2cnt) = YES) AND not(ChildA956AResStat(A2cnt) IN (4,6)) THEN

      FL_E016LIST(tempindex) := trim(ucwords(strtolower(ChildA958AFName(A2cnt))))

    END OF IF

  END OF IF

END OF IF

IF ChildX061ARelateR(A2cnt) IN (3,4,6,7,9,30,90) THEN

  FL_E057LIST(tempindex) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

  IF ChildX061ARelateR(A2cnt) IN (3,4,6,7,30,90) THEN

    FL_E061LIST(tempindex) := trim(ucwords(strtolower(ChildX058AFName(A2cnt))))

  END OF IF

| END OF IF

ELSEIF A208ANewPerson(A2cnt) = NO THEN

| askliving := NO

ELSE

|

END OF IF

END OF LOOP

IF (A166_A020TSameSpP_A IN (1,3) AND A030 = YES AND A167_A028 = YES) OR (A167_A028 = YES AND A209_LivTogethr = YES) OR (A167_A028 = YES AND A033_SpInNHome = YES) OR (A167_A028 = YES AND not(X065ACouplenss(1) IN (1,2,3,4))) THEN
|
ELSE
personcounter1 := 53
Fill code of question activenumber executed

IF hhmembernumber > 0 AND activenumber > 0 THEN
F205_MaLivingHHM := NO
F206_PaLivingHHM := NO
askhh := NO

hhintro (Section SectionA2)
Now we would like to confirm the people that you mentioned on a previous occasion who are living in your household.

Please note that we may have asked some of these questions before in a similar manner in the My Household survey, but please just answer them to the best of your ability.

LOOP FROM 1 TO HHMEMBERNUMBER

IF hhmemberactive(A2cnt) = 1 THEN

hhmembercounter := hhmembercounter + 1

IF z076 = YES THEN

| penewhhms := YES

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HHMemberX058AFName(A2cnt) := trim(ucwords(strtolower(hhmemberfirstname(a2cnt))))
Fill code of question FLHH executed
Fill code of question FLInfo executed

IF HHMemberX058AFName(A2cnt) = EMPTY THEN

HHMemberX058AFName (HH MEMBER FIRST NAME in section SectionA2)
What is the first name of the person(ˆhhmembergender(a2cnt)/ˆhhmemberage(a2cnt)/Gender/Age)
that you listed on previous occasion in the My Household survey? If you would
rather not provide us with their name, please just use a nickname or other name
by which you will be able to identify them when we refer to this person using this
name.
STRING

HHMemberX058AFName(A2cnt) := trim(ucwords(strtolower(HHMemberX058AFName(a2cnt))))

ELSE

HHMemberIntro (Section SectionA2)
(First/Next) we'd like to ask you some questions about (HH MEMBER FIRST
NAME(a2cnt))(ˆhhmembergender(a2cnt)/ˆhhmemberage(a2cnt)/Gender/Age).

END OF IF

HHX076a (hh member still alive in section SectionA2)
Is (HH MEMBER FIRST NAME(A2cnt)) still alive?
1 Yes
5 No

HHMemberX065_alive(A2cnt) := YES

IF HHX076a(A2cnt) = RESPONSE THEN

IF HHX076a(A2cnt) = 1 THEN

HHMemberX065_alive(A2cnt) := YES

ELSE

HHMemberX065_alive(A2cnt) := NO

END OF IF

END OF IF

IF HHMemberX065_alive(A2cnt) = NO THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

HHMemberX072AMoChgResStat (HH MEMBER DIE MONTH in section SectionA2)
In what month and year did (HH MEMBER FIRST NAME(A2cnt)) pass away?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

HHMemberX073AYrChgResStat (HH MEMBER DIE YEAR in section SectionA2)
RANGE 1900..(())

END OF GROUP

END OF IF

HHMemberX060ASex(A2cnt) := hhmembergender(a2cnt)

IF HHMemberX065_alive(A2cnt) = 1 THEN

HHMemberX061ARelateR (HH MEMBER RELATIONSHIP TO R in section SectionA2)
What is (HH MEMBER FIRST NAME(A2cnt))'s relationship to you?
1 Spouse
2 Partner
3 Son
4 Stepson
5 Spouse/Partner of Daughter (Son-in-law)
6 Daughter
7 Stepdaughter

8 Spouse/Partner of Son (Daughter-in-law)
9 Grandchild
10 Father
11 Father-in-law
12 Mother
13 Mother-in-law
15 Brother
16 Brother of spouse/partner
17 Sister
18 Sister of spouse/partner
19 Other relative
20 Other individual
30 Former step-child
31 Former child-in-law
32 Unknown
33 Spouse/partner of grandchild
90 Other child relationship
91 Other child-in-law relationship

END OF IF

IF HHMemberX065_alive(A2cnt) = 1 AND (A166_current = YES OR A166_A020TSameSpP_A IN (1,2,3,4)) AND not(HHMemberX061ARelateR(A2cnt) IN (1,2)) THEN

HHMemberX063ARelateSp (HH MEMBER RELATIONSHIP TO PARTNER in section SectionA2)
What is (HH MEMBER FIRST NAME(A2cnt))'s relationship to your (husband/wife/partner/spouse)?
3 Son
4 Stepson
5 Spouse/Partner of Daughter (Son-in-law)
6 Daughter
7 Stepdaughter
8 Spouse/Partner of Son (Daughter-in-law)
9 Grandchild
10 Father
11 Father-in-law
12 Mother
13 Mother-in-law
15 Brother
16 Brother of spouse/partner
17 Sister
18 Sister of spouse/partner
19 Other relative

20 Other individual
30 Former step-child
31 Former child-in-law
32 Unknown
33 Spouse/partner of grandchild
90 Other child relationship
91 Other child-in-law relationship

END OF IF

IF HHMemberX061ARelateR(A2cnt) IN (3,4,8,10,11,15,16) OR HHMemberX063ARelateSp(A2cnt) IN (3,4,8,10,11,15,16) THEN

HHMemberX060ASex(A2cnt) := 1

ELSEIF HHMemberX061ARelateR(A2cnt) IN (5,6,7,12,13,17,18) OR HHMemberX063ARelateSp(A2cnt) IN (5,6,7,12,13,17,18) THEN

HHMemberX060ASex(A2cnt) := 2

ELSE

IF HHMemberX065_alive(A2cnt) = 1 THEN

HHMemberX060ASex (HH MEMBER SEX in section SectionA2)
What is (HH MEMBER FIRST NAME(A2cnt))'s sex?
1 Male
2 Female

END OF IF

END OF IF

IF HHMemberX065_alive(A2cnt) = NO THEN

HHMemberX056AResStat(A2cnt) := 4

ELSEIF (A167_A028 = YES AND A209_LivTogethr = YES) OR (A167_A028 = YES AND A033_SpInNHome = YES) THEN

HHMemberX056AResStat(A2cnt) := 5

91

ELSEIF (A166_A020TSameSpP_A IN (1,3) AND A030 = YES AND A167_A028 = YES) THEN

| HHMemberX056AResStat(A2cnt) := 5

ELSEIF A167_A028 = YES AND A166_current != YES THEN

| HHMemberX056AResStat(A2cnt) := 5

ELSEIF (A167_A028 = YES AND not(X065ACouplenss(1) IN (1,2,3,4))) THEN

| HHMemberX056AResStat(A2cnt) := 5

ELSE

HHMemberX056AResStat(A2cnt) := 1

HHMemberX056AResStat (HH MEMBER RES in section SectionA2)
Does (HH MEMBER FIRST NAME(A2cnt)) live with (you/your ^FLHWP)?
1 Lives (with me/with my ^FLHWP)
2 Temporarily away and does not have any other permanent address (temporarily away, e.g., school, traveling)
3 Temporarily away (for another reason, such as traveling) and does not have any other permanent address
4 Passed away
5 Moved out
6 Have no contact

END OF IF

IF   HHMemberX056AResStat(A2cnt)   IN   (1,2,3)   AND
not(HHMemberX061ARelateR(A2cnt) IN (3,4,5,6,7,8,90,91)) THEN

A098_NumHHM := A098_NumHHM + 1

IF HHMemberX056AResStat(A2cnt) = 1 AND HHMemberX061ARelateR(A2cnt) = 10 THEN

| F206_PaLivingHHM := YES

ELSEIF   HHMemberX056AResStat(A2cnt)   =   1   AND   HHMemberX061ARelateR(A2cnt) = 12 THEN

| F205_MaLivingHHM := YES

| END OF IF

END OF IF

HHMemberX004AmoBorn(A2cnt) := hhmemberdateofbirth_month(A2cnt)
HHMemberX067AYrBorn(A2cnt) := hhmemberdateofbirth_year(A2cnt)

IF HHMemberX065_alive(A2cnt) = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

HHMemberX004AmoBorn (HH MEMBER MONTH BORN in section SectionA2)
In what month and year was (HH MEMBER FIRST NAME(A2cnt)) born?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

HHMemberX067AYrBorn (HH MEMBER YEAR BORN-UPDATED in section SectionA2)
RANGE 1890..(())

END OF GROUP

END OF IF

IF HHMemberX067AYrBorn(A2Cnt) = RESPONSE AND HHMemberX004AmoBorn(A2Cnt) = RESPONSE THEN

tempage := floor((strtotime(date('Y-m-d')) - strtotime(HHMemberX067AYrBorn(A2cnt) . '-' . HHMemberX004AmoBorn(A2cnt) . '-15')) / 31556926);

ELSEIF HHMemberX067AYrBorn(A2Cnt) = RESPONSE THEN

tempage := FLCurrentYear - HHMemberX067AYrBorn(A2Cnt)

ELSE

tempage := empty

END OF IF

IF not(HHMemberX061ARelateR(A2cnt) IN (3,4,5,6,7,8,90,91,30,31)) AND tempage = RESPONSE AND tempage < 18 THEN

E140_ResNonKid := E140_ResNonKid + 1
E052_ := personcounter1
FL_E052List(personcounter1) := trim(ucwords(strtolower(HHMemberX058AFName(A2cnt))))

END OF IF

IF HHMemberX065_alive(A2cnt) = 1 THEN

IF not(HHMemberX061ARelateR(A2cnt) IN (1,2)) THEN

IF tempage = EMPTY OR tempage > 11 THEN

Fill code of question FLShe_2 executed
Fill code of question FLX096_2 executed

HHMemberX096AMarried (HH MEMBER MARRIED in section SectionA2)
(Is ˆHHMemberX058AFName(A2cnt) married?/Was ˆHHMemberX058AFName(A2cnt) married when ˆFLShe_2 passed away?)
1 Yes
5 No

IF HHMemberX096AMarried(A2cnt) != YES THEN

Fill code of question FLX097_2 executed

HHMemberX097APartnered (HH MEMBER PARTNERED in section SectionA2)
(Is ˆHHMemberX058AFName(A2cnt) living with a partner as if married?/Was ˆHHMemberX058AFName(A2cnt) living with a partner as if married when ˆFLShe_2 passed away?)
1 Yes
5 No

| END OF IF

END OF IF

END OF IF

END OF IF

IF HHMemberX065_alive(A2cnt) = 1 AND HHMemberX061ARelateR(A2cnt) = 9 THEN

A181_X070 (PARENT OF HH MEMBER GRAND CHILD in section SectionA2)
Who is (HH MEMBER FIRST NAME(A2cnt))'s parent?
1 (CHILD FIRST NAME(1))
2 (CHILD FIRST NAME(2))
3 (CHILD FIRST NAME(3))
4 (CHILD FIRST NAME(4))
5 (CHILD FIRST NAME(5))
6 (CHILD FIRST NAME(6))
7 (CHILD FIRST NAME(7))
8 (CHILD FIRST NAME(8))
9 (CHILD FIRST NAME(9))
10 (CHILD FIRST NAME(10))
11 (CHILD FIRST NAME(11))
12 (CHILD FIRST NAME(12))
13 (CHILD FIRST NAME(13))
14 (CHILD FIRST NAME(14))
15 (CHILD FIRST NAME(15))
16 (CHILD FIRST NAME(16))
17 (CHILD FIRST NAME(17))
18 (CHILD FIRST NAME(18))
19 (CHILD FIRST NAME(19))
20 (CHILD FIRST NAME(20))
21 (CHILD FIRST NAME(21))
22 (CHILD FIRST NAME(22))
23 (CHILD FIRST NAME(23))
24 (CHILD FIRST NAME(24))
25 (CHILD FIRST NAME(25))
71 Not on this list

IF A181_X070(A2cnt) != 71 THEN

HHMemberX069RelateHH (HH MEMBER RELATIONSHIP TO X070 PERSON in section SectionA2)
How is (HH MEMBER FIRST NAME(A2cnt)) related to (PARENT OF HH MEM-

```
        BER GRAND CHILD(A2cnt))?
        3 Son
        4 Stepson
        5 Spouse/Partner of Daughter (Son-in-law)
        6 Daughter
        7 Stepdaughter
        8 Spouse/Partner of Son (Daughter-in-law)


   END OF IF


ELSEIF HHMemberX061ARelateR(A2cnt) IN (15,17) THEN


  E180_siblings := E180_siblings + 1


ELSEIF HHMemberX061ARelateR(A2cnt) IN (16,18) THEN


  E181_siblings := E181_siblings + 1


END OF IF


X058AFName(personcounter1) := trim(ucwords(strtolower(HHMemberX058AFName(A2cnt))))
X061ARelateR(personcounter1) := HHMemberX061ARelateR(A2cnt)
X056AResStat(personcounter1) := HHMemberX056AResStat(A2cnt)
X060ASex(personcounter1) := HHMemberX060ASex(A2cnt)
X004AmoBorn(personcounter1) := HHMemberX004AmoBorn(A2cnt)
X067AYrBorn(personcounter1) := HHMemberX067AYrBorn(A2cnt)
X065_hhmemberalive(personcounter1) := HHMemberX065_alive(A2Cnt)
X065_alive(personcounter1) := X065_hhmemberalive(personcounter1)
X055_index(personcounter1) := personcounter1
personcounter1 := personcounter1 + 1


ELSEIF hhmemberactive(A2cnt) = 3 THEN


  HHMemberX065_alive(A2Cnt) := NO
  HHMemberX056AResStat(A2cnt) := 4
  X065_hhmemberalive(personcounter1) := NO
  X065_alive(personcounter1) := X065_hhmemberalive(personcounter1)
  personcounter1 := personcounter1 + 1


END OF IF

END OF LOOP

newhhstart := hhmembernumber + 1
```

ELSE
| askhh := YES
| newhhstart := 1
END OF IF

LOOP FROM NEWHHSTART TO 25

A208 (ANY NEW HH MEMBERS in section SectionA2)
Is there anyone else who lives with (you or your ˆFLHWP/you)?
1 Yes
5 No

IF A208(a2cnt) = YES THEN

IF z076 = YES THEN

| penewhhms := YES

END OF IF

hhmembercounter := hhmembercounter + 1

HHMemberX058AFNameNew (HH MEMBER FIRST NAME in section SectionA2)
What is his or her first name? (This is just so we can refer to them in later questions.
If you do not wish to provide their real name, please feel free to use another name or
nickname that will help you identify them.)
STRING

HHMemberX058AFName(A2cnt) := trim(ucwords(strtolower(HHMemberX058AFNameNew(A2cnt))))

HHMemberX061ARelateR (HH MEMBER RELATIONSHIP TO R in section
SectionA2)
What is (HH MEMBER FIRST NAME(A2cnt))'s relationship to you?
1 Spouse
2 Partner
3 Son
4 Stepson
5 Spouse/Partner of Daughter (Son-in-law)
6 Daughter
7 Stepdaughter
8 Spouse/Partner of Son (Daughter-in-law)
9 Grandchild
10 Father
11 Father-in-law
12 Mother

13 Mother-in-law
15 Brother
16 Brother of spouse/partner
17 Sister
18 Sister of spouse/partner
19 Other relative
20 Other individual
30 Former step-child
31 Former child-in-law
32 Unknown
33 Spouse/partner of grandchild
90 Other child relationship
91 Other child-in-law relationship

IF (A166_current = YES OR A166_A020TSameSpP_A IN (1,2,3,4)) AND not(HHMemberX061ARelateR(A2cnt) IN (1,2)) THEN

HHMemberX063ARelateSp (HH MEMBER RELATIONSHIP TO PARTNER in section SectionA2)
What is (HH MEMBER FIRST NAME(A2cnt))'s relationship to your (husband/wife/partner/spouse)?
3 Son
4 Stepson
5 Spouse/Partner of Daughter (Son-in-law)
6 Daughter
7 Stepdaughter
8 Spouse/Partner of Son (Daughter-in-law)
9 Grandchild
10 Father
11 Father-in-law
12 Mother
13 Mother-in-law
15 Brother
16 Brother of spouse/partner
17 Sister
18 Sister of spouse/partner
19 Other relative
20 Other individual
30 Former step-child
31 Former child-in-law
32 Unknown
33 Spouse/partner of grandchild
90 Other child relationship
91 Other child-in-law relationship

END OF IF

IF HHMemberX061ARelateR(A2cnt) IN (3,4,8,10,11,15,16) OR HHMem-
berX063ARelateSp(A2cnt) IN (3,4,8,10,11,15,16) THEN

HHMemberX060ASex(A2cnt) := 1

ELSEIF HHMemberX061ARelateR(A2cnt) IN (5,6,7,12,13,17,18) OR HHMem-
berX063ARelateSp(A2cnt) IN (5,6,7,12,13,17,18) THEN

HHMemberX060ASex(A2cnt) := 2

ELSE

HHMemberX060ASex (HH MEMBER SEX in section SectionA2)
What is (HH MEMBER FIRST NAME(A2cnt))'s sex?
1 Male
2 Female

END OF IF

HHMemberX056AResStat(A2cnt) := 1

IF HHMemberX056AResStat(A2cnt) IN (1,2,3) AND
not(HHMemberX061ARelateR(A2cnt) IN (3,4,5,6,7,8,90,91)) THEN

A098_NumHHM := A098_NumHHM + 1

IF HHMemberX056AResStat(A2cnt) = 1 AND HHMemberX061ARelateR(A2cnt) =
10 THEN

F206_PaLivingHHM := YES

ELSEIF HHMemberX056AResStat(A2cnt) = 1 AND HHMem-
berX061ARelateR(A2cnt) = 12 THEN

F205_MaLivingHHM := YES

END OF IF

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

HHMemberX004AmoBorn (HH MEMBER MONTH BORN in section SectionA2)
In what month and year was (HH MEMBER FIRST NAME(A2cnt)) born?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

HHMemberX067AYrBorn (HH MEMBER YEAR BORN-UPDATED in section SectionA2)
RANGE 1890..(())

END OF GROUP

IF HHMemberX067AYrBorn(A2Cnt) = RESPONSE AND HHMemberX004AmoBorn(A2Cnt) = RESPONSE THEN

| tempage := floor((strtotime(date('Y-m-d')) - strtotime(HHMemberX067AYrBorn(A2cnt) . '-' . HHMemberX004AmoBorn(A2cnt) . '-15')) / 31556926);

ELSEIF HHMemberX067AYrBorn(A2Cnt) = RESPONSE THEN

| tempage := FLCurrentYear - HHMemberX067AYrBorn(A2Cnt)

ELSE

| tempage := empty

END OF IF

IF not(HHMemberX061ARelateR(A2cnt) IN (3,4,5,6,7,8,90,91,30,31)) AND tempage = RESPONSE AND tempage $<$ 18 THEN

E140_ResNonKid := E140_ResNonKid + 1
E052_ := personcounter1
FL_E052List(personcounter1) := trim(ucwords(strtolower(HHMemberX058AFName(A2cnt))))

END OF IF

IF not(HHMemberX061ARelateR(A2cnt) IN (1,2)) THEN

  IF tempage = EMPTY OR tempage > 11 THEN

    Fill code of question FLShe_2 executed
    Fill code of question FLX096_2 executed

    HHMemberX096AMarried (HH MEMBER MARRIED in section SectionA2)
    (Is   ^HHMemberX058AFName(A2cnt)   married?/Was   ^HHMember-
    berX058AFName(A2cnt) married when ^FLShe_2 passed away?)
    1 Yes
    5 No

    IF HHMemberX096AMarried(A2cnt) != YES THEN

      Fill code of question FLX097_2 executed

      HHMemberX097APartnered (HH MEMBER PARTNERED in section Sec-
      tionA2)
      (Is ^HHMemberX058AFName(A2cnt) living with a partner as if married?/Was
      ^HHMemberX058AFName(A2cnt) living with a partner as if married when
      ^FLShe_2 passed away?)
      1 Yes
      5 No

    END OF IF

  END OF IF

END OF IF

IF HHMemberX061ARelateR(A2cnt) = 9 THEN

  A181_X070 (PARENT OF HH MEMBER GRAND CHILD in section SectionA2)
  Who is (HH MEMBER FIRST NAME(A2cnt))'s parent?
  1 (CHILD FIRST NAME(1))
  2 (CHILD FIRST NAME(2))
  3 (CHILD FIRST NAME(3))
  4 (CHILD FIRST NAME(4))

5 (CHILD FIRST NAME(5))
6 (CHILD FIRST NAME(6))
7 (CHILD FIRST NAME(7))
8 (CHILD FIRST NAME(8))
9 (CHILD FIRST NAME(9))
10 (CHILD FIRST NAME(10))
11 (CHILD FIRST NAME(11))
12 (CHILD FIRST NAME(12))
13 (CHILD FIRST NAME(13))
14 (CHILD FIRST NAME(14))
15 (CHILD FIRST NAME(15))
16 (CHILD FIRST NAME(16))
17 (CHILD FIRST NAME(17))
18 (CHILD FIRST NAME(18))
19 (CHILD FIRST NAME(19))
20 (CHILD FIRST NAME(20))
21 (CHILD FIRST NAME(21))
22 (CHILD FIRST NAME(22))
23 (CHILD FIRST NAME(23))
24 (CHILD FIRST NAME(24))
25 (CHILD FIRST NAME(25))
71 Not on this list

IF A181_X070(A2cnt) != 71 THEN

HHMemberX069RelateHH (HH MEMBER RELATIONSHIP TO X070 PERSON in section SectionA2)
How is (HH MEMBER FIRST NAME(A2cnt)) related to (PARENT OF HH MEMBER GRAND CHILD(A2cnt))?
3 Son
4 Stepson
5 Spouse/Partner of Daughter (Son-in-law)
6 Daughter
7 Stepdaughter
8 Spouse/Partner of Son (Daughter-in-law)

END OF IF

ELSEIF HHMemberX061ARelateR(A2cnt) IN (15,17) THEN

E180_siblings := E180_siblings + 1

ELSEIF HHMemberX061ARelateR(A2cnt) IN (16,18) THEN

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```
        E181_siblings := E181_siblings + 1

      END OF IF

      X058AFName(personcounter1) := trim(ucwords(strtolower(HHMemberX058AFName(A2cnt))))
      X061ARelateR(personcounter1) := HHMemberX061ARelateR(A2cnt)
      X056AResStat(personcounter1) := HHMemberX056AResStat(A2cnt)
      X060ASex(personcounter1) := HHMemberX060ASex(A2cnt)
      X004AmoBorn(personcounter1) := HHMemberX004AmoBorn(A2cnt)
      X067AYrBorn(personcounter1) := HHMemberX067AYrBorn(A2cnt)
      X065_hhmemberalive(personcounter1) := 1
      X065_alive(personcounter1) := X065_hhmemberalive(personcounter1)
      X055_index(personcounter1) := empty
      personcounter1 := personcounter1 + 1

    ELSEIF A208(a2cnt) = RESPONSE THEN

      askhh := NO

    ELSE

    |

    END OF IF

  END OF LOOP
END OF IF

IF askliving = YES THEN
  Fill code of question FLA212 executed

  A212_ (ALT NUM LIVING CHILDREN in section SectionA2)
  How many living children do (you/you and your ^FLHWP) have?
  RANGE 0..90
ELSE
  A212_ := empty
END OF IF

IF (A167_A028 = YES AND A209_LivTogethr = YES) OR (A167_A028 = YES AND A033_SpInNHome
= YES) OR (A167_A028 = YES AND A166_current != YES) THEN
|
ELSE
  IF askhh = YES THEN
```

Fill code of question FLA213 executed

A213_ (ALT NUM LIVING HHMEMBERS in section SectionA2)
(Other than your ^FLHWP how/how/How) many people live with you in your home in (MAIN RESIDENCE())?
RANGE 0..9223372036854775807
ELSE
A213_ := empty
END OF IF
END OF IF

End of section **SectionA2**

Start of section **PreloadB**

IF z076 = YES THEN
x014 := getHRSPreloadWave3(1,"F205_MaLivingHHM")
z230 := getHRSpreloadWave3(1,"B002_")

IF previous_wave = 3 AND previous_z076 != YES THEN
z240 := getHRSpreloadWave3(1,"B035_")
ELSE
z240 := getHRSpreloadWave1(1,"B035_")
END OF IF

z241 := NO
preload_B061 := getHRSpreloadWave3(1,"B061_")
ELSE
z241 := YES
END OF IF

End of section **PreloadB**

Start of section **SectionB**

B084 := 3

B000_ (LIFE SATISFATION in section SectionB)
Now, please think about your life-as-a-whole. How satisfied are you with it?
1 Completely satisfied
2 Very satisfied
3 Somewhat satisfied
4 Not very satisfied

5 Not at all satisfied

B132 (RISK AVERSION in section SectionB)
Are you generally a person who tries to avoid taking risks or one who is fully prepared to take risks?

Please rate yourself from 0 to 10, where 0 means "not at all willing to take risks" and 10 means "very willing to take risks."
RANGE 0..10

IF bornus = 1 THEN
| B002_ := YES
ELSEIF bornus = 2 THEN
| B002_ := NO
END OF IF

IF z076 = NO THEN
  B001_ (Section SectionB)
  Next are some questions about your background.

  B002_ (BORN IN US in section SectionB)
  Were you born in the United States?
  1 Yes
  5 No

  IF B002_ = NO THEN
    B083M_dummy := countryborn

    B083M_dummy (COUNTRY BORN - Mexico in section SectionB)
    In what country were you born?
    1 Afghanistan
    2 Åland Islands
    3 Albania
    4 Algeria
    5 American Samoa
    6 Andorra
    7 Angola
    8 Anguilla
    9 Antarctica
    10 Antigua And Barbuda
    11 Argentina
    12 Armenia
    13 Aruba
    14 Australia

15 Austria
16 Azerbaijan
17 Bahamas
18 Bahrain
19 Bangladesh
20 Barbados
21 Belarus
22 Belgium
23 Belize
24 Benin
25 Bermuda
26 Bhutan
27 Bolivia
28 Bosnia And Herzegovina
29 Botswana
30 Bouvet Island
31 Brazil
32 British Indian Ocean Territory
33 Brunei Darussalam
34 Bulgaria
35 Burkina Faso
36 Burundi
37 Cambodia
38 Cameroon
39 Canada
40 Cape Verde
41 Cayman Islands
42 Central African Republic
43 Chad
44 Chile
45 China
46 Christmas Island
47 Cocos (Keeling) Islands
48 Colombia
49 Comoros
50 Congo
51 Congo, The Democratic Republic Of The
52 Cook Islands
53 Costa Rica
54 Cote D'ivoire
55 Croatia
56 Cuba
57 Cyprus
58 Czech Republic
59 Denmark

60 Djibouti
61 Dominica
62 Dominican Republic
63 Ecuador
64 Egypt
65 El Salvador
66 Equatorial Guinea
67 Eritrea
68 Estonia
69 Ethiopia
70 Falkland Islands (Malvinas)
71 Faroe Islands
72 Fiji
73 Finland
74 France
75 French Guiana
76 French Polynesia
77 French Southern Territories
78 Gabon
79 Gambia
80 Georgia
81 Germany
82 Ghana
83 Gibraltar
84 Greece
85 Greenland
86 Grenada
87 Guadeloupe
88 Guam
89 Guatemala
90 Guernsey
91 Guinea
92 Guinea-bissau
93 Guyana
94 Haiti
95 Heard Island And Mcdonald Islands
96 Holy See (Vatican City State)
97 Honduras
98 Hong Kong
99 Hungary
100 Iceland
101 India
102 Indonesia
103 Iran, Islamic Republic Of
104 Iraq

105 Ireland
106 Isle Of Man
107 Israel
108 Italy
109 Jamaica
110 Japan
111 Jersey
112 Jordan
113 Kazakhstan
114 Kenya
115 Kiribati
116 Korea, Democratic People's Republic Of
117 Korea, Republic Of
118 Kuwait
119 Kyrgyzstan
120 Lao People's Democratic Republic (Laos)
121 Latvia
122 Lebanon
123 Lesotho
124 Liberia
125 Libyan Arab Jamahiriya
126 Liechtenstein
127 Lithuania
128 Luxembourg
129 Macao
130 Macedonia, The Former Yugoslav Republic Of
131 Madagascar
132 Malawi
133 Malaysia
134 Maldives
135 Mali
136 Malta
137 Marshall Islands
138 Martinique
139 Mauritania
140 Mauritius
141 Mayotte
142 Mexico
143 Micronesia, Federated States Of
144 Moldova, Republic Of
145 Monaco
146 Mongolia
147 Montenegro
148 Montserrat
149 Morocco

150 Mozambique
151 Myanmar
152 Namibia
153 Nauru
154 Nepal
155 Netherlands
156 Netherlands Antilles
157 New Caledonia
158 New Zealand
159 Nicaragua
160 Niger
161 Nigeria
162 Niue
163 Norfolk Island
164 Northern Mariana Islands
165 Norway
166 Oman
167 Pakistan
168 Palau
169 Palestinian Territory, Occupied
170 Panama
171 Papua New Guinea
172 Paraguay
173 Peru
174 Philippines
175 Pitcairn
176 Poland
177 Portugal
178 Puerto Rico
179 Qatar
180 Reunion
181 Romania
182 Russian Federation
183 Rwanda
184 Saint Helena
185 Saint Kitts And Nevis
186 Saint Lucia
187 Saint Pierre And Miquelon
188 Saint Vincent And The Grenadines
189 Samoa
190 San Marino
191 Sao Tome And Principe
192 Saudi Arabia
193 Senegal
194 Serbia

195 Seychelles
196 Sierra Leone
197 Singapore
198 Slovakia
199 Slovenia
200 Solomon Islands
201 Somalia
202 South Africa
203 South Georgia And The South Sandwich Islands
204 Spain
205 Sri Lanka
206 Sudan
207 Suriname
208 Svalbard And Jan Mayen
209 Swaziland
210 Sweden
211 Switzerland
212 Syrian Arab Republic
213 Taiwan, Republic Of China
214 Tajikistan
215 Tanzania, United Republic Of
216 Thailand
217 Timor-leste
218 Togo
219 Tokelau
220 Tonga
221 Trinidad And Tobago
222 Tunisia
223 Turkey
224 Turkmenistan
225 Turks And Caicos Islands
226 Tuvalu
227 Uganda
228 Ukraine
229 United Arab Emirates
230 United Kingdom
232 United States Minor Outlying Islands
233 Uruguay
234 Uzbekistan
235 Vanuatu
236 Venezuela
237 Viet Nam
238 Virgin Islands, British
239 Virgin Islands, U.S.
240 Wallis And Futuna

241 Western Sahara
242 Yemen
243 Zambia
244 Zimbabwe
300 Other

IF B083M_dummy = 300 THEN
| B005S_other := countryborn_other

| **B005S_other** (COUNTRY BORN - OTHER SPECIFY in section SectionB)
| In what other country were you born?
| STRING
ELSEIF B083M_dummy = 142 THEN
| B083M := 1
ELSE
| B083M := 2
| Fill code of question FLCountryBorn executed
| B005S := FLCountryBorn
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

B006_ (ARRIVE IN US-YEAR in section SectionB)
In about what year did you first come to live in the United States?
RANGE 1880..(())

B007_ (ARRIVE IN US-YEARS AGO in section SectionB)
OR
RANGE 0..96

B008_ (ARRIVE IN US-AT AGE in section SectionB)
OR
RANGE 0..96

END OF GROUP

IF citizenus = 1 THEN
| B085_ := YES
ELSEIF citizenus = 2 THEN
| B085_ := NO
END OF IF

B085_ (US CITIZENSHIP in section SectionB)

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Are you a citizen of the United States?
1 Yes
5 No

IF B085_ = YES THEN
  B086_ (BORN US CITIZEN in section SectionB)
  Were you born a citizen of the United States?

  (DEF: By "U.S.-born citizens" we mean people born abroad of an American parent or parents, and those born in U.S. territories and possessions, including Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas.)
  1 Yes
  5 No

  IF B086_ != YES THEN
    B087_ (YEAR BECAME US CITIZEN in section SectionB)
    In what year did you become a United States citizen?
    RANGE 1890..(())
  END OF IF
END OF IF
ELSEIF B002_ = YES THEN
  B003_ := stateborn

  B003_ (STATE BORN - MASKED in section SectionB)
  In what state were you born?
  1 Alabama
  2 Alaska
  3 Arizona
  4 Arkansas
  5 California
  6 Colorado
  7 Connecticut
  8 Delaware
  9 Florida
  10 Georgia
  11 Hawaii
  12 Idaho
  13 Illinois
  14 Indiana
  15 Iowa
  16 Kansas
  17 Kentucky
  18 Louisiana
  19 Maine

20 Maryland
21 Massachusetts
22 Michigan
23 Minnesota
24 Mississippi
25 Missouri
26 Montana
27 Nebraska
28 Nevada
29 New Hampshire
30 New Jersey
31 New Mexico
32 New York
33 North Carolina
34 North Dakota
35 Ohio
36 Oklahoma
37 Oregon
38 Pennsylvania
39 Rhode Island
40 South Carolina
41 South Dakota
42 Tennessee
43 Texas
44 Utah
45 Vermont
46 Virginia
47 Washington
48 West Virginia
49 Wisconsin
50 Wyoming
51 Washington DC
52 Puerto Rico
99 Other country

END OF IF

B014_ (R HIGHEST LEVEL OF EDUCATION in section SectionB)
What is the highest grade of school or year of college you completed?
0 No formal education
1 Grade 1
2 Grade 2
3 Grade 3
4 Grade 4
5 Grade 5
6 Grade 6

7 Grade 7
8 Grade 8
9 Grade 9
10 Grade 10
11 Grade 11
12 High School (Grade 12)
13 1 Year College
14 2 Years College
15 3 Years College
16 4 Or More Years Of College
17 Post College (17+ Years)
97 Other

IF B014_ $<$ 13 OR B014_ = 97 THEN
  B015_ (R EARN HIGH SCHOOL DIPLOMA/GED in section SectionB)
  Did you get a high school diploma or pass a high school equivalency test?
  1 Yes, diploma
  2 Yes, equivalency (GED)
  5 No
END OF IF

IF B014_ $>$ 12 THEN
  B016_ (R COLLEGE DEGREE in section SectionB)
  Did you get a college degree?
  1 Yes
  5 No

  IF B016_ = YES THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    B017M (R HIGHEST DEGREE - MASKED in section SectionB)
    What is the highest degree you have earned?
    1 Less than bachelors
    2 Bachelors
    3 Masters / MBA
    4 Law
    5 PhD
    6 MD
    7 Other, please specify:

    B018S (R HIGHEST DEGREE - SPECIFY in section SectionB)
    STRING

    END OF GROUP

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| END OF IF
END OF IF

B098_ (Section SectionB)
These next questions ask about your health during **childhood, that is, before age 16**.

B019_ (RATE HEALTH AS CHILD in section SectionB)
Consider your health while you were growing up, before you were 16 years old.

Would you say that your health during that time was excellent, very good, good, fair, or poor?
1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

B099_ (Childhood - Missed School in section SectionB)
When you were growing up, before you were 16 years old, did you miss a month or more of school because of a health problem?
1 Yes
5 No

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

B100_intro (Section SectionB)
Before you were 16 years old, did you have any of the following:

SUBGROUP OF QUESTIONS

B100_ (Measles Before Age 16 in section SectionB)
Measles?
1 Yes
5 No

B101_ (Mumps Before Age 16 in section SectionB)
Mumps?
1 Yes
5 No

B102_ (Chicken Pox Before Age 16 in section SectionB)
Chicken Pox?
1 Yes
5 No

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B103_ (Difficulty Seeing Before Age 16 in section SectionB)
Difficulty seeing, even with eye glasses or prescription lenses?
1 Yes
5 No

B104_ (Parents/Guardians Smoke in section SectionB)
Did your parents or guardians smoke during your childhood?
1 Yes, one of them
2 Yes, both
3 No, none of them

B100_intro (Section SectionB)
Before you were 16 years old, did you have any of the following:

B105_ (Asthma Before Age 16 in section SectionB)
Asthma?
1 Yes
5 No

B106_ (Diabetes Before Age 16 in section SectionB)
Diabetes?
1 Yes
5 No

B107_ (Respiratory Disorder Before Age 16 in section SectionB)
A respiratory disorder such as bronchitis, wheezing, hay fever, shortness of breath, or sinus infection?
1 Yes
5 No

B108_ (Speech Impairment Before Age 16 in section SectionB)
A speech impairment?
1 Yes
5 No

B109_ (Allergic Condition Before Age 16 in section SectionB)
An allergic condition?

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1 Yes
5 No

B100_intro (Section SectionB)
Before you were 16 years old, did you have any of the following:

B110_ (Heart Trouble Before Age 16 in section SectionB)
Heart trouble?
1 Yes
5 No

B111_ (Ear Problems Before Age 16 in section SectionB)
Chronic ear problems or infections?
(DEF: By "chronic" we mean recurring, that is, coming back again and again, persistent, lasting, or not going away.)
1 Yes
5 No

B112_ (Epilepsy or Seizures Before Age 16 in section SectionB)
Epilepsy or seizures?
1 Yes
5 No

B113_ (Headaches or Migraines Before Age 16 in section SectionB)
Severe headaches or migraines?
1 Yes
5 No

B114_ (Stomach Problems Before Age 16 in section SectionB)
Stomach problems?
1 Yes
5 No

B100_intro (Section SectionB)
Before you were 16 years old, did you have any of the following:

B115_ (High BP Before Age 16 in section SectionB)
High blood pressure?
1 Yes
5 No

B116_ (Depression Before Age 16 in section SectionB)
Depression?
1 Yes
5 No

B117_ (Drugs/Alcohol Problems Before Age 16 in section SectionB)
Drug or alcohol problems?
1 Yes
5 No

B118_ (Other Psych Problems Before Age 16 in section SectionB)
Any other emotional or psychological problems?
1 Yes
5 No

B119_ (Childhood- Concussion or Severe Head Injury in section SectionB)
Before you were 16 years old, did you have a blow to the head, a head injury or head trauma that was severe enough to require medical attention, to cause loss of consciousness or memory loss for a period of time?
1 Yes
5 No

B120_ (Childhood- Disability in section SectionB)
Before you were 16 years old, were you ever disabled for six months or more because of a health problem? That is, were you unable to do the usual activities of classmates or other children your age?
1 Yes
5 No

  B121_ (Childhood-Cause of Disability in section SectionB)
  What was the cause of that disability?

  If there was more than one cause, please give up to three. If you had more than one disability during childhood, list the three most important causes of the disabilities.
  STRING

B122_ (Childhood-Smoking in section SectionB)
Did you regularly smoke cigarettes while you were in grade school or high school? By "regularly" we mean at least one cigarette a day for most days of the week, for six months or more.
1 Yes
5 No

B123_ (Childhood-Learning Problems in section SectionB)
In grade school or high school, did you ever have a problem in learning the usual lessons, such that you regularly attended special classes, received special training sessions, or had to attend a different school for more than six months?
1 Yes
5 No

B124_ (Childhood-Any Other Conditions in section SectionB)
Were there any other important or serious health problems that you had before age 16 that you could tell us about?
1 Yes
5 No

  B125_ (Childhood-List Other Conditions in section SectionB)
  What were these other health problems?
  STRING

  B126_ (Section SectionB)
  We'd like to know more about how old you were when you had the health condition(s) that you just reported.

  Fill code of question FLB129 executed

LOOP FROM 1 TO 14

Bcnt := empty

IF cnt = 1 AND B105_ = YES THEN

| Bcnt := 1

ELSEIF cnt = 2 AND B106_ = YES THEN

| Bcnt := 2

ELSEIF cnt = 3 AND B107_ = YES THEN

| Bcnt := 3

ELSEIF cnt = 4 AND B108_ = YES THEN

| Bcnt := 4

ELSEIF cnt = 5 AND B109_ = YES THEN

| Bcnt := 5

ELSEIF cnt = 6 AND B110_ = YES THEN

| Bcnt := 6

ELSEIF cnt = 7 AND B111_ = YES THEN

| Bcnt := 7

ELSEIF cnt = 8 AND B112_ = YES THEN

| Bcnt := 8

ELSEIF cnt = 9 AND B113_ = YES THEN

| Bcnt := 9

ELSEIF cnt = 10 AND B114_ = YES THEN

| Bcnt := 10

ELSEIF cnt = 11 AND B115_ = YES THEN

Bcnt := 11

ELSEIF cnt = 12 AND B116_ = YES THEN

Bcnt := 12

ELSEIF cnt = 13 AND B117_ = YES THEN

Bcnt := 13

ELSEIF cnt = 14 AND B118_ = YES THEN

Bcnt := 14

END OF IF

IF Bcnt = RESPONSE THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

B127_after (Age first diagnosed after 16 in section SectionB)
At what age were you first diagnosed with (asthma/diabetes/a respiratory disorder such as bronchitis, wheezing, hay fever, shortness of breath, or sinus infection/a speech impairment/an allergic condition/heart trouble/chronic ear problems or infections/epilepsy or seizures/severe headaches or migraines/stomach problems/high blood pressure/depression/drug or alcohol problems/emotional or psychological problems)?

If you don't know the exact age, please give us your best estimate. Please just enter 1 if it was before age 1.

If you had multiple occurrences of the same condition, how old were you when it was first diagnosed?
1 Age:
96 After age 16

B127_ (Age first diagnosed in section SectionB)
At what age were you first diagnosed with (asthma/diabetes/a respiratory disorder such as bronchitis, wheezing, hay fever, shortness of breath, or sinus infection/a speech impairment/an allergic condition/heart trouble/chronic ear problems or infections/epilepsy or seizures/severe headaches or migraines/stomach problems/high blood pressure/depression/drug or alcohol problems/emotional or psychological problems)?

If you don't know the exact age, please give us your best estimate. Please

just enter 1 if it was before age 1.

If you had multiple occurrences of the same condition, how old were you when it was first diagnosed?
RANGE 1..16

END OF GROUP

IF B127_after(Bcnt) = 96 THEN

B127_(Bcnt) := B127_after(Bcnt)

END OF IF

IF B127_after(Bcnt) = EMPTY THEN

B128_ (Age first diagnosed after no response in section SectionB)
Would you say it was before age 12, after age 12, or what?
1 Before age 12
2 About age 12
3 After age 12

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

B129_still (Age condition stopped still have it in section SectionB)
Until what age did you have (asthma/diabetes/a respiratory disorder such as bronchitis, wheezing, hay fever, shortness of breath, or sinus infection/a speech impairment/an allergic condition/heart trouble/chronic ear problems or infections/epilepsy or seizures/severe headaches or migraines/stomach problems/high blood pressure/depression/drug or alcohol problems/emotional or psychological problems)?

If you don't know the exact age, please give us your best estimate.

If you had multiple occurrences of the same condition, how old were you when the first episode ended?
96 Age:
97 Still have it

B129_ (Age condition stopped in section SectionB)
Until what age did you have (asthma/diabetes/a respiratory disorder such as bronchitis, wheezing, hay fever, shortness of breath, or sinus infection/a speech impairment/an allergic condition/heart trouble/chronic ear problems or infec-

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tions/epilepsy or seizures/severe headaches or migraines/stomach problems/high blood pressure/depression/drug or alcohol problems/emotional or psychological problems)?

If you don't know the exact age, please give us your best estimate.

If you had multiple occurrences of the same condition, how old were you when the first episode ended?
RANGE 1..99

END OF GROUP

IF B129_still(Bcnt) = 97 THEN

B129_(Bcnt) := B129_still(Bcnt)

END OF IF

END OF IF

END OF LOOP
END OF IF

B020_ (RATE FAMILY FINANCIAL SITUATION - SES in section SectionB)
Now think about your family when you were growing up, from birth to age 16.

Would you say your family during that time was pretty well off financially, about average, or poor?
1 Pretty well off financially
2 About average
3 Poor

B021_ (MOVE DUE TO FINANCIAL DIFFICULTY in section SectionB)
While you were growing up, before age 16, did financial difficulties ever cause you or your family to move to a different place?
1 Yes
5 No

B022_ (FAMILY GET FINANCIAL HELP IN CHILDHOOD in section SectionB)
Before age 16, was there a time when you or your family received help from relatives because of financial difficulties?
1 Yes
5 No

B023_ (FATHER UNEMPLOYED DURING CHILDHOOD in section SectionB)

Before age 16, was there a time of several months or more when your father had no job?
1 Yes
5 No
6 Father never worked / always disabled
7 Never lived with father / father was not alive

IF B023_ != 6 AND B023_ != 7 THEN
B024_ (FATHER USUAL OCCUPATION-MASKED in section SectionB)
What was your father's occupation when you were age 16?

What kind of work did he do? What activities did he do at work? (e.g., "foreman in a factory" rather than "worked in a factory").
STRING
END OF IF

B025_ (LIVE WITH GRANDPARENTS DURING CHILDHOOD in section SectionB)
Did you ever live in the same household with a grandparent for a year or more before age 17?
1 Yes
5 No

IF A019_RAge > 24 THEN
B078_ (ST/COUNTRY R LIVED DURING SCHOOL in section SectionB)
Did you ever live with your mother for a period of 6 months or more as an adult, that is, at age 25 or older?
1 Yes
5 No

IF B078_ = YES THEN
B079_ (DID MOVE HELP YOU- YOUR MOTHER- OR BOTH in section SectionB)
Would you say that living with her was mainly to help your mother out, to help you out, or because it would be helpful to both of you?

If you lived with your mother more than once and both you and your mother were helped at different times, select option "Help both".
1 Help mother
2 Help myself
3 Help both
4 Help neither
END OF IF
END OF IF

B080_ (SIBS LIVE W/ MOTH 6 MO OR MORE AS ADULT in section SectionB)
Did any of your brothers or sisters ever live with your mother for a period of 6 months or

more as an adult, that is, at age 25 or older?
1 Yes
5 No
6 Had no siblings

  B081_ (MOVE MADE TO HELP MOTHER-SIBLINGS-BOTH in section SectionB)
  Would you say that living with her was mainly to help your mother out, to help the sibling
  out, or because it would be helpful to all of them?
  1 Help sibling
  2 Help mother
  3 Help all
  4 Help neither

  B026_ (FATHER EDUCATION- HIGHEST GRADE in section SectionB)
  What is the highest grade of school your father completed?
  0 No formal education
  1 Grade 1
  2 Grade 2
  3 Grade 3
  4 Grade 4
  5 Grade 5
  6 Grade 6
  7 Grade 7
  8 Grade 8
  9 Grade 9
  10 Grade 10
  11 Grade 11
  12 High School
  13 1 Year College
  14 2 Years College
  15 3 Years College
  16 4 Or More Years Of College
  17 Post College (17+ Years)
  97 Other

Fill code of question FL_B027 executed

B027_ (MOTHER EDUCATION- HIGHEST GRADE in section SectionB)
(And what/What) is the highest grade of school your mother completed?
0 No formal education

1 Grade 1
2 Grade 2
3 Grade 3
4 Grade 4
5 Grade 5
6 Grade 6
7 Grade 7
8 Grade 8
9 Grade 9
10 Grade 10
11 Grade 11
12 High School
13 1 Year College
14 2 Years College
15 3 Years College
16 4 Or More Years Of College
17 Post College (17+ Years)
97 Other

B088_ (MOTHER WORK DURING CHILDHOOD in section SectionB)
What portion of the time did your mother work outside the home when you were growing up?
1 All the time
2 Some of the time
3 Not at all

IF B088_ IN (1,2) THEN

B137_ (mother main occupation in section SectionB)
What was her main occupation?

(What kind of work did she do? What activities did she do at work? (e.g., "foreman in a factory" rather than "worked in a factory").)
(DEF: By "main occupation" we mean the occupation she had the longest.)
STRING
ELSE
B136_ (mother ever work outside of home in section SectionB)
Did your mother ever work outside of the home?
1 Yes
5 No

IF B136_ != 5 THEN
B137_ (mother main occupation in section SectionB)
What was her main occupation?

(What kind of work did she do? What activities did she do at work? (e.g.,
"foreman in a factory" rather than "worked in a factory")).)
(DEF: By "main occupation" we mean the occupation she had the longest.)
STRING
END OF IF
END OF IF

IF spanish = YES THEN
B028_ := YES
ELSEIF spanish = NO THEN
B028_ := NO
END OF IF

B028_ (R HISPANIC/LATINO in section SectionB)
Do you consider yourself Hispanic or Latino?
1 Yes
5 No

IF B028_ = YES THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

B029M (TYPE HISPANIC in section SectionB)
Would you say you are Mexican American, Puerto Rican, Cuban American or
something else? Please choose all that apply.
1 Mexican American / Chicano
2 Puerto Rican
3 Cuban American
4 Other, please specify:

B030S (TYPE HISPANIC - SPECIFY in section SectionB)
STRING

END OF GROUP
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

B089M (R RACE - MULTIPLE RESPONSE in section SectionB)
What race do you consider yourself to be? Please choose all that apply.
1 White / Caucasian
2 Black / African American
3 American Indian
4 Alaska Native
5 Asian

6 Native Hawaiian
7 Pacific Islander
97 Other, please specify:

B090S (R RACE - OTHER SPECIFY in section SectionB)
STRING

END OF GROUP

IF cardinal(B089M) > 1 THEN
Fill code of question FLB091 executed

B091_ (R RACE - PRIMARY - MASKED in section SectionB)
Do you consider yourself primarily
1 (White / Caucasian)
2 (Black / African American)
3 (American Indian)
4 (Alaska Native)
5 (Asian)
6 (Native Hawaiian)
7 (Pacific Islander)
97 ()
ELSE
B091_ := B089M
END OF IF

UAS089 (middle eastern or north african ascend in section SectionB)
Are you of Middle Eastern or North African descent?
1 Yes
5 No

Fill code of question FL_B135 executed
Fill code of question FL_B135_2 executed
Fill code of question FL_B135_3 executed

B135_ (sexual identity in section SectionB)
Next, we'd like to ask you a question about how you think of yourself.

(Do you consider yourself to be gay, straight, bisexual or something else?/Do you consider yourself to be lesbian, straight, bisexual or something else?)
1 (Gay/Lesbian or gay)
2 (Straight, that is, not gay/Straight, that is, not lesbian or gay)
3 Bisexual
4 Something else

Fill code of question FLB033_ executed

B033_ (NUMBER CHILDREN EVER in section SectionB)
We would like to clarify some aspects of your family history.

How many children have you (fathered/given birth to/fathered/given birth to)?   Please
don't count miscarriages or still-births, or adopted or step-children for this question.
RANGE 0..94

IF B033_ = 1 THEN
  B034_one (NUMBER LIVING CHILDREN in section SectionB)
  Is that child alive today?
  1 Yes
  5 No

  IF B034_one = YES THEN
    B034_ := 1
  END OF IF
ELSEIF B033_ > 1 THEN
  B034_ (NUMBER LIVING CHILDREN in section SectionB)
  How many of them are still living?
  RANGE 0..(NUMBER CHILDREN EVER())
END OF IF

B035_ (R SERVED IN MILITARY in section SectionB)
Have you ever served in the active military of the United States?
1 Yes
5 No

IF B035_ = YES THEN
  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    B036_ (YEAR MILITARY BEGIN in section SectionB)
    During what years were you in active service?
    RANGE 1900..(())

    B037_ (YEAR MILITARY END in section SectionB)
    RANGE 1900..(())

  END OF GROUP

  B038_ (MILITARY RELATED DISABILITY in section SectionB)
  Do you have a disability connected with military service?

129

1 Yes
5 No

B096_ (MILITARY RANK WHEN LEFT in section SectionB)
Were you a commissioned officer, a warrant officer, or enlisted personnel when you left
the armed forces for the last time?

By "Commissioned officer" we mean those with pay grades O-1 through O-10,
or, for example, lieutenants, majors, or captains.By "Warrant officer" we mean those
with pay grades W-1 through W-5.By "Enlisted personnel" we mean those with pay
grades E1 through E9, or, for example, privates, airmen, seamen, corporals, sergeants,
or petty officers.
1 A commissioned officer
2 A warrant officer
3 Enlisted personnel

B097_ (EVER FIRE WEAPON in section SectionB)
Did you ever fire a weapon against the enemy or come under enemy fire?
1 Yes
5 No

END OF IF
END OF IF

IF z076 = YES THEN
B136_ (mother ever work outside of home in section SectionB)
Did your mother ever work outside of the home?
1 Yes
5 No

IF B136_ != 5 THEN
B137_ (mother main occupation in section SectionB)
What was her main occupation?

(What kind of work did she do? What activities did she do at work? (e.g., "fore-
man in a factory" rather than "worked in a factory").)
(DEF: By "main occupation" we mean the occupation she had the longest.)
STRING
END OF IF
END OF IF

IF z076 = NO OR (z076 = YES AND (A167_A028 = NO OR (A167_A028 = YES AND
A070_NHOwnRent = YES AND A071_SameMainR = NO))) THEN
Fill code of question FLB039 executed

130

B039_ (YEAR MOVED TO MAIN RESIDENCE in section SectionB)
In what year did you move to your current home in(or around) (MAIN RESIDENCE())?
RANGE 1880..(())

IF (FLCurrentYear - B039_)

  B040_ (MONTH MOVED TO MAIN RESIDENCE in section SectionB)
  In what month was that?
  1 January
  2 February
  3 March
  4 April
  5 May
  6 June
  7 July
  8 August
  9 September
  10 October
  11 November
  12 December
END OF IF

IF z076 = YES THEN
  IF (FLCurrentYear - B039_) < 6 THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    B041m (why move in section SectionB)
    What were your reasons for moving to your current home in (()), (())? Please select
    up to two reasons.
    1 To be near or with children
    2 To be near or with other relatives or friends
    3 Health problem or services
    4 Climate or weather
    5 Leisure activities
    6 To move to a smaller or less expensive home
    7 To move to a larger home
    8 Work or retirement related
    9 Change in my marital status
    97 Other, please specify:

    B042S (other reason why move in section SectionB)
    STRING

    END OF GROUP
  END OF IF

END OF IF

IF z076 = NO THEN
 Fill code of question FLB047 executed

 IF A078_YrsCurRes != 95 THEN
  B047M (ST/COUNTRY R LIVED DURING SCHOOL-MASKED in section SectionB)
  In what state did you live most of the time when you were (in grade school/in high school/about age 10)?
  1 Alabama
  2 Alaska
  3 Arizona
  4 Arkansas
  5 California
  6 Colorado
  7 Connecticut
  8 Delaware
  9 Florida
  10 Georgia
  11 Hawaii
  12 Idaho
  13 Illinois
  14 Indiana
  15 Iowa
  16 Kansas
  17 Kentucky
  18 Louisiana
  19 Maine
  20 Maryland
  21 Massachusetts
  22 Michigan
  23 Minnesota
  24 Mississippi
  25 Missouri
  26 Montana
  27 Nebraska
  28 Nevada
  29 New Hampshire
  30 New Jersey
  31 New Mexico
  32 New York
  33 North Carolina
  34 North Dakota
  35 Ohio

36 Oklahoma
37 Oregon
38 Pennsylvania
39 Rhode Island
40 South Carolina
41 South Dakota
42 Tennessee
43 Texas
44 Utah
45 Vermont
46 Virginia
47 Washington
48 West Virginia
49 Wisconsin
50 Wyoming
51 Washington DC
52 Puerto Rico
99 Other country

B048S (ST/COUNTRY R LIVED DURING SCHOOL - SPECIFY in section SectionB)
In what country was that?
1 Afghanistan
2 Åland Islands
3 Albania
4 Algeria
5 American Samoa
6 Andorra
7 Angola
8 Anguilla
9 Antarctica
10 Antigua And Barbuda
11 Argentina
12 Armenia
13 Aruba
14 Australia
15 Austria
16 Azerbaijan
17 Bahamas
18 Bahrain
19 Bangladesh
20 Barbados
21 Belarus
22 Belgium
23 Belize

24 Benin
25 Bermuda
26 Bhutan
27 Bolivia
28 Bosnia And Herzegovina
29 Botswana
30 Bouvet Island
31 Brazil
32 British Indian Ocean Territory
33 Brunei Darussalam
34 Bulgaria
35 Burkina Faso
36 Burundi
37 Cambodia
38 Cameroon
39 Canada
40 Cape Verde
41 Cayman Islands
42 Central African Republic
43 Chad
44 Chile
45 China
46 Christmas Island
47 Cocos (Keeling) Islands
48 Colombia
49 Comoros
50 Congo
51 Congo, The Democratic Republic Of The
52 Cook Islands
53 Costa Rica
54 Cote D'ivoire
55 Croatia
56 Cuba
57 Cyprus
58 Czech Republic
59 Denmark
60 Djibouti
61 Dominica
62 Dominican Republic
63 Ecuador
64 Egypt
65 El Salvador
66 Equatorial Guinea
67 Eritrea
68 Estonia

69 Ethiopia
70 Falkland Islands (Malvinas)
71 Faroe Islands
72 Fiji
73 Finland
74 France
75 French Guiana
76 French Polynesia
77 French Southern Territories
78 Gabon
79 Gambia
80 Georgia
81 Germany
82 Ghana
83 Gibraltar
84 Greece
85 Greenland
86 Grenada
87 Guadeloupe
88 Guam
89 Guatemala
90 Guernsey
91 Guinea
92 Guinea-bissau
93 Guyana
94 Haiti
95 Heard Island And Mcdonald Islands
96 Holy See (Vatican City State)
97 Honduras
98 Hong Kong
99 Hungary
100 Iceland
101 India
102 Indonesia
103 Iran, Islamic Republic Of
104 Iraq
105 Ireland
106 Isle Of Man
107 Israel
108 Italy
109 Jamaica
110 Japan
111 Jersey
112 Jordan
113 Kazakhstan

114 Kenya
115 Kiribati
116 Korea, Democratic People's Republic Of
117 Korea, Republic Of
118 Kuwait
119 Kyrgyzstan
120 Lao People's Democratic Republic (Laos)
121 Latvia
122 Lebanon
123 Lesotho
124 Liberia
125 Libyan Arab Jamahiriya
126 Liechtenstein
127 Lithuania
128 Luxembourg
129 Macao
130 Macedonia, The Former Yugoslav Republic Of
131 Madagascar
132 Malawi
133 Malaysia
134 Maldives
135 Mali
136 Malta
137 Marshall Islands
138 Martinique
139 Mauritania
140 Mauritius
141 Mayotte
142 Mexico
143 Micronesia, Federated States Of
144 Moldova, Republic Of
145 Monaco
146 Mongolia
147 Montenegro
148 Montserrat
149 Morocco
150 Mozambique
151 Myanmar
152 Namibia
153 Nauru
154 Nepal
155 Netherlands
156 Netherlands Antilles
157 New Caledonia
158 New Zealand

159 Nicaragua
160 Niger
161 Nigeria
162 Niue
163 Norfolk Island
164 Northern Mariana Islands
165 Norway
166 Oman
167 Pakistan
168 Palau
169 Palestinian Territory, Occupied
170 Panama
171 Papua New Guinea
172 Paraguay
173 Peru
174 Philippines
175 Pitcairn
176 Poland
177 Portugal
178 Puerto Rico
179 Qatar
180 Reunion
181 Romania
182 Russian Federation
183 Rwanda
184 Saint Helena
185 Saint Kitts And Nevis
186 Saint Lucia
187 Saint Pierre And Miquelon
188 Saint Vincent And The Grenadines
189 Samoa
190 San Marino
191 Sao Tome And Principe
192 Saudi Arabia
193 Senegal
194 Serbia
195 Seychelles
196 Sierra Leone
197 Singapore
198 Slovakia
199 Slovenia
200 Solomon Islands
201 Somalia
202 South Africa
203 South Georgia And The South Sandwich Islands

204 Spain
205 Sri Lanka
206 Sudan
207 Suriname
208 Svalbard And Jan Mayen
209 Swaziland
210 Sweden
211 Switzerland
212 Syrian Arab Republic
213 Taiwan, Republic Of China
214 Tajikistan
215 Tanzania, United Republic Of
216 Thailand
217 Timor-leste
218 Togo
219 Tokelau
220 Tonga
221 Trinidad And Tobago
222 Tunisia
223 Turkey
224 Turkmenistan
225 Turks And Caicos Islands
226 Tuvalu
227 Uganda
228 Ukraine
229 United Arab Emirates
230 United Kingdom
231 United States
232 United States Minor Outlying Islands
233 Uruguay
234 Uzbekistan
235 Vanuatu
236 Venezuela
237 Viet Nam
238 Virgin Islands, British
239 Virgin Islands, U.S.
240 Wallis And Futuna
241 Western Sahara
242 Yemen
243 Zambia
244 Zimbabwe
300 Other

IF B048s = 300 THEN

B048S_specify (ST/COUNTRY R LIVED DURING SCHOOL - SPECIFY in section SectionB)
In what country was that?
STRING

END OF IF

END OF IF

END OF IF

B049_ (LIVED RURAL AREA DURING SCHOOL in section SectionB)
Were you living in a rural area most of the time when you were (in grade school/in high school/about age 10)?
1 Yes
5 No

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

B050_ (R RELIGIOUS PREFERENCE in section SectionB)
What is your religious preference?
1 Protestant
2 Catholic
3 Jewish
4 No preference
5 Other, please specify:

B051S (R RELIGIOUS PREFERENCE - SPECIFY in section SectionB)
STRING

END OF GROUP

IF B050_ = 1 THEN
B052_ (DENOMINATION in section SectionB)
What denomination is that?
STRING
END OF IF
END OF IF

B082_ (HOW OFTEN ATTEND RELIGIOUS SERV in section SectionB)
About how often have you attended religious services during the past year?
1 More than once a week
2 Once a week
3 Two or three times a month
4 One or more times a year
5 Not at all

IF z076 = NO THEN

  B054 (ENGLISH USUALLY SPOKEN IN HOME in section SectionB)
  Is English the language you usually speak at home?
  1 Yes
  5 No
END OF IF

IF z076 = NO THEN
|
ELSE
  IF A166_A020TSameSpP_A = YES OR (A023 = NO AND A202 = YES AND A026_Rmarried != YES) THEN
  |
  ELSE
    IF not(preload_x065(1) IN (1,2)) AND X065ACouplenss(1) IN (1,2) THEN
    | B055 := YES
    ELSE
      B055 (married at any time since previous wave in section SectionB)
      Sometimes marital situations are not entirely clear from what we've asked so far.
      Please bear with us for a few more questions on this.

      We are interested in changes to your marital status since your
      last interview. Were you married at any time since (Jan-
      uary/February/March/April/May/June/July/August/September/October/November/December),
      (INTERVIEW YEAR PREVIOUS WAVE())?
      1 Yes
      5 No
    END OF IF

    IF B055 = YES THEN
      Fill code of question FL_B056 executed

      GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

        B056 (month married in section SectionB)
        (You told us earlier that you were married since your last interview in ˆz092, ˆz093.

)In what month and year were you married?
        1 January
        2 February
        3 March
        4 April
        5 May
        6 June
        7 July

8 August
9 September
10 October
11 November
12 December

B057_ (year married in section SectionB)
RANGE 1900..(())

B058_D (divorced or widowed at any time since previous wave in section SectionB)
Did you divorce or become widowed since your last interview in (January/February/March/April/May/June/July/August/September/October/November/December), (INTERVIEW YEAR PREVIOUS WAVE())?
1 Yes, divorced or annulled
2 Yes, widowed
5 No

IF B058_d IN (1,2) THEN
Fill code of question FL_B059 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

B059_ (month married in section SectionB)
In what month and year did you (divorce/become widowed)?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

B060_ (year divorced or widowed in section SectionB)
RANGE 1900..(())

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

IF X065ACouplenss(1) IN (1,2) OR (z076 = YES AND (A034 = 2 OR A231‗RMarSep = 2)) THEN
| B061‗ := 1
ELSE
| IF maritalstatus > 2 THEN
| | B061‗ := maritalstatus
| END OF IF

| Fill code of question FL‗B061 executed

| GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

| **B061‗** (MARITAL STATUS IF UNMARRIED in section SectionB)
| Just to clarify, are you currently separated, divorced, widowed, or have you never been married?(
|
| For this question, we are interested in knowing your legal marital status.)
| 1 Married
| 2 Annulled
| 3 Separated
| 4 Divorced
| 5 Widowed
| 6 Never married
| 7 Other, please specify:

| **B062S** (MARITAL STATUS IF UNMARRIED - SPECIFY in section SectionB)
| STRING

| END OF GROUP
END OF IF

IF B061‗ != 6 THEN
| IF z076 = NO THEN
| | Fill code of question FLB065 executed
|
| | **B065‗** (NUMBER OF MARRIAGES in section SectionB)
| | Altogether, how many times have you been married((including your current marriage))?
| | 1 One time
| | 2 Two times

3 Three times
4 Four times or more

IF B065_ > 0 THEN
LOOP FROM 1 TO B065_

pcnt := cnt - 1
Fill code of question FLB066 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

B066_ (MARRIAGE YEAR BEGAN in section SectionB)
In what year and month did your (first/second/third/fourth/current/most recent) marriage begin?
RANGE 1900..(())

B067_ (MARRIAGE MONTH BEGAN in section SectionB)
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December

END OF GROUP

IF cnt > 1 THEN

IF B066_(cnt) = RESPONSE AND B066_(cnt) < B066_(pcnt) THEN

B066_warning (Section SectionB)
You entered a month/year for when your marriage began that is before the month/year the previous marriage began.

Please go back to review and correct your previous responses.

ELSEIF B066_(cnt) = RESPONSE AND B067_(cnt) = RESPONSE AND B066_(cnt) = B066_(pcnt) AND B067_(cnt) < B067_(pcnt) THEN

B066‗warning (Section SectionB)
You entered a month/year for when your marriage began that is before the month/year the previous marriage began.

Please go back to review and correct your previous responses.

END OF IF

END OF IF

IF cnt = B065‗ AND B061‗ = 1 THEN

|

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

B068‗ (MARRIAGE END DIVORCE/WIDOW in section SectionB)
Did that marriage end in divorce or were you widowed?
4 Divorced
5 Widowed
7 Other, please specify

B069S (FIRST MARRIAGE END DIV/WIDOW- SPECIFY in section SectionB)
STRING

END OF GROUP

B070‗ (MARRIAGE-YEARS MARRIED in section SectionB)
About how many years did that marriage last?
RANGE 0..96

END OF LOOP

END OF IF

END OF IF

END OF IF

IF B061‗ = RESPONSE THEN
B063‗ := B061‗
ELSE
IF X065ACouplenss(1) IN (1,2) THEN
B063‗ := 1

ELSEIF (z076 = YES AND (A034 = 2 OR A231_RMarSep = 2)) THEN
  | B063_ := 3
ELSEIF (z076 = YES AND B058_D = 1) THEN
  | B063_ := 4
ELSEIF (z076 = YES AND (B058_D = 2 OR (A202 = YES AND A026_Rmarried != YES)))
THEN
  | B063_ := 5
ELSEIF (z076 = YES AND A007 = NO AND A023 = NO AND A026_Rmarried != YES)
THEN
  | B063_ := 5
END OF IF
END OF IF

B076_ (ASSIST SECTION B-DEMOGRAPHICS in section SectionB)
How often did you receive assistance with answers to these questions?
1 Never
2 A few times
3 Most or all of the time

End of section **SectionB**

Start of section **PreloadC**

Z101 := getHRSPreloadWave3(1,"C005_")
Z102 := getHRSPreloadWave3(1,"C010_")
Z089 := getHRSPreloadWave3(1,"C101_")
Z090 := getHRSPreloadWave3(1,"C102_")
Z103 := getHRSPreloadWave3(1,"C018_")
Z104 := getHRSPreloadWave3(1,"C030_")
Z105 := getHRSPreloadWave3(1,"C036_")
Z106 := getHRSPreloadWave3(1,"C053_")
Z107 := getHRSPreloadWave3(1,"C065_")
Z108 := getHRSPreloadWave3(1,"C070_")
Z110 := getHRSPreloadWave3(1,"C082_")
Z112_temp3 := getHRSPreloadWave3(1,"C284_")
Z112_temp1 := getHRSPreloadWave3(1,"C098_")
Z112_temp2 := getHRSPreloadWave3(1,"C099_")

IF Z112_temp1 = 5 THEN
  | Z112 := 5
ELSEIF z112_temp3 != 1 AND Z112_temp2 = 1 THEN
  | Z112 := 1
ELSEIF z112_temp3 = 1 OR Z112_temp2 = 2 THEN

```
Z112 := 2
END OF IF

Z204 := getHRSPreloadWave3(1,"C214_")
Z205 := getHRSPreloadWave3(1,"C116_")
Z260 := getHRSPreloadWave3(1,"C271_")
Z261 := getHRSPreloadWave3(1,"C272_")
Z262 := getHRSPreloadWave3(1,"C273_")
Z264 := getHRSPreloadWave3(1,"C278_")
Z242 := getHRSPreloadWave3(1,"C240_")
Z265 := getHRSPreloadWave3(1,"C280_")
Z280 := getHRSPreloadWave3(1,"C291_")
Z278 := getHRSPreloadWave3(1,"C237_")
Z254_temp := getHRSPreloadWave3(1,"C128_")

IF Z254_temp = 3 THEN
    Z254 := 5
ELSEIF Z254_temp = 5 THEN
    Z254 := 5
ELSEIF Z254_temp = 1 THEN
    Z254 := 1
ELSEIF Z254 = EMPTY THEN
    Z254 := 7
END OF IF

Z255_temp1 := getHRSPreloadWave3(1,"C257_")
Z255_temp2 := getHRSPreloadWave3(1,"C258_")

IF Z255_temp1 = 5 THEN
    Z255 := 5
ELSEIF Z255_temp2 ≥ 2010 OR (Z255_temp1 = 1 AND Z255_temp2 = empty) THEN
    Z255 := 2
ELSEIF Z255_temp2 = RESPONSE AND Z255_temp2 < 2010 THEN
    Z255 := 1
END OF IF

Z256 := getHRSPreloadWave3(1,"C249_")
Z257_temp := getHRSPreloadWave3(1,"C252_")

IF Z257_temp = 5 THEN
    Z257 := 1
ELSEIF Z257_temp = RESPONSE THEN
```

```
  Z257 := 5
END OF IF

Z231_temp1 := getHRSPreloadWave3(1,"C116_")
Z231_temp2 := getHRSPreloadWave3(1,"C117_")
Z231_temp3 := getHRSPreloadWave3(1,"C120_")
Z231_temp4 := getHRSPreloadWave3(1,"C121_")
Z231_temp5 := getHRSPreloadWave3(1,"C122_")
Z232_temp1 := getHRSPreloadWave3(1,"C125_")
Z232_temp2 := getHRSPreloadWave3(1,"C126_")
Z232_temp3 := getHRSPreloadWave3(1,"C127_")

IF Z231_temp1 = 5 THEN
  Z231 := 5
ELSEIF Z231_temp3 = RESPONSE OR Z231_temp4 = RESPONSE OR Z231_temp5 =
RESPONSE THEN
  Z231 := 5
ELSEIF (Z231_temp1 = 1 OR Z231_temp2 = 1) AND Z231_temp3 = EMPTY AND Z231_temp4
= EMPTY AND Z231_temp5 = EMPTY THEN
  Z231 := 1
END OF IF

IF Z231_temp1 = 5 THEN
  Z232 := 5
ELSEIF Z232_temp1 = RESPONSE OR Z232_temp2 = RESPONSE OR Z232_temp3 =
RESPONSE THEN
  Z232 := 5
ELSEIF (Z231_temp1 = 1 OR Z231_temp2 = 1) AND Z232_temp1 = EMPTY AND Z232_temp2
= EMPTY AND Z232_temp3 = EMPTY THEN
  Z232 := 1
END OF IF

z205_previous := Z231_temp2
z231_previous := empty
z232_previous := empty
previous_z231 := getHRSPreloadWave3(1,"z231")
previous_z232 := getHRSPreloadWave3(1,"z232")
previous_Z231_temp2 := getHRSPreloadWave3(1,"Z231_temp2")

IF z205_previous = 1 AND previous_z076 = 1 AND previous_z231 != 5 AND (Z231_temp3 =
RESPONSE OR Z231_temp4 = RESPONSE OR Z231_temp5 = response) THEN
  z231_previous := 1
```

ELSEIF z205_previous = 1 AND previous_z076 = 1 AND previous_z231 != 5 THEN
| z231_previous := 2

ELSEIF z205_previous = 1 AND previous_z076 != 1 AND (Z231_temp3 = RESPONSE OR Z231_temp4 = RESPONSE OR Z231_temp5 = response) THEN
| z231_previous := 1

ELSEIF z205_previous = 1 AND previous_z076 != 1 AND NOT(Z231_temp3 = RESPONSE OR Z231_temp4 = RESPONSE OR Z231_temp5 = response) THEN
| z231_previous := 2

ELSEIF z205_previous = 5 AND Z231_temp1 = 1 AND previous_z076 != 1 AND (Z231_temp3 = RESPONSE OR Z231_temp4 = RESPONSE OR Z231_temp5 = response) THEN
| z231_previous := 1

ELSEIF z205_previous = 5 AND Z231_temp1 = 1 AND previous_z076 != 1 AND NOT(Z231_temp3 = RESPONSE OR Z231_temp4 = RESPONSE OR Z231_temp5 = response) THEN
| z231_previous := 2

ELSE
| z231_previous := 5

END OF IF

IF z205_previous = 5 AND previous_z076 = 1 AND previous_z232 != 5 AND (Z232_temp1 = RESPONSE OR Z232_temp2 = RESPONSE OR Z232_temp3 = response) THEN
| z232_previous := 1

ELSEIF z205_previous = 5 AND previous_z076 = 1 AND previous_z232 != 5 THEN
| z232_previous := 2

ELSEIF z205_previous = 5 AND previous_z076 != 1 AND (Z232_temp1 = RESPONSE OR Z232_temp2 = RESPONSE OR Z232_temp3 = response) THEN
| z232_previous := 1

ELSEIF z205_previous = 5 AND previous_z076 != 1 AND NOT(Z232_temp1 = RESPONSE OR Z232_temp2 = RESPONSE OR Z232_temp3 = response) THEN
| z232_previous := 2

ELSE
| z232_previous := 5

END OF IF

previous_C118 := getHRSPreloadWave3(1, "C118_")
previous_C123 := getHRSPreloadWave3(1, "C123_")
c285_preload := getHRSPreloadWave3(1,"C285")

IF C285_preload IN (1,2,3) THEN
| Z281 := 1
ELSE

```
  │ Z281 := 5
  END OF IF

  z282 := getHRSPreloadWave3(1,"z282")

  IF z282 = EMPTY THEN
  │ z282 := mt_rand(1,2)
  END OF IF

  z287 := z282
  Z286_temp := getHRSPreloadWave3(1,"C297_")

  IF Z286_temp = RESPONSE THEN
  │ IF Z286_temp = 5 THEN
  │ │ Z286 := 5
  │ ELSEIF Z286_temp = 1 THEN
  │ │ Z286 := 2
  │ END OF IF
  ELSE
  │ Z286 := 5
  END OF IF

  c231 := 1
  c235 := 1
  c234 := '0'
  c239 := '0'
  Z242_temp := getHRSPreloadWave3(1,"C246_")

  IF z242 != 1 AND Z242_temp = 1 THEN
  │ Z242 := 2
  END OF IF

  IF X525 = EMPTY THEN
  │ X525 := mt_rand(1,2)
  END OF IF

  Start of section PreloadC_waves

  IF previous_wave = 1 THEN
  │
  ELSEIF previous_wave = 2 THEN
  │ IF z278 != 1 THEN
```

```
  | Z278 := getZ278(previous_wave)
END OF IF

IF z089 != 1 THEN
  | Z089 := getZ089(previous_wave)
END OF IF

IF z090 != 1 THEN
  | Z090 := getZ090(previous_wave)
END OF IF

IF Z101 = 3 THEN
  | Z101 := 1
END OF IF

IF z101 != 1 THEN
  | Z101 := getZ101(previous_wave)
END OF IF

IF Z102 = 3 THEN
  | Z102 := 1
END OF IF

IF Z102 != 1 THEN
  | Z102 := getZ102(previous_wave)
END OF IF

IF Z103 = 3 THEN
  | Z103 := 1
END OF IF

IF z103 != 1 THEN
  | Z103 := getZ103(previous_wave)
END OF IF

IF Z104 = 3 THEN
  | Z104 := 1
END OF IF

IF z104 != 1 THEN
  | Z104 := getZ104(previous_wave)
```

```
END OF IF

IF Z105 = 3 THEN
│ Z105 := 1
END OF IF

IF z105 != 1 THEN
│ Z105 := getZ105(previous_wave)
END OF IF

IF Z106 = 3 THEN
│ Z106 := 1
END OF IF

IF z106 != 1 THEN
│ Z106 := getZ106(previous_wave)
END OF IF

IF Z107 = 3 THEN
│ Z107 := 1
END OF IF

IF z107 != 1 THEN
│ Z107 := getZ107(previous_wave)
END OF IF

IF Z108 = 3 THEN
│ Z108 := 1
END OF IF

IF z108 != 1 THEN
│ Z108 := getZ108(previous_wave)
END OF IF

IF z110 != 1 THEN
│ Z110 := getZ110(previous_wave)
END OF IF

IF z112 != 1 AND z112 != 2 THEN
│ Z112 := getZ112(previous_wave)
END OF IF
```

```
IF Z260 = 3 THEN
│  Z260 := 1
END OF IF

IF z260 != 1 THEN
│  Z260 := getZ260(previous_wave)
END OF IF

IF Z261 = 3 THEN
│  Z261 := 1
END OF IF

IF z261 != 1 THEN
│  Z261 := getZ261(previous_wave)
END OF IF

IF Z262 = 3 THEN
│  Z262 := 1
END OF IF

IF z262 != 1 THEN
│  Z262 := getZ262(previous_wave)
END OF IF

IF z264 != 1 THEN
│  Z264 := getZ264(previous_wave)
END OF IF

IF z265 != 1 THEN
│  Z265 := getZ265(previous_wave)
END OF IF

IF z256 != 1 THEN
│  Z256 := getZ256(previous_wave)
END OF IF

IF z257 != 1 THEN
│  Z257 := getZ257(previous_wave)
END OF IF

IF z112 = EMPTY THEN
│  Z112 := getZ112(previous_wave)
```

```
END OF IF

IF Z254_temp != 1 AND Z254_temp != 3 THEN
    Z254 := getZ254(previous_wave)
END OF IF

IF z242 != 1 AND Z242 != 2 THEN
    Z242 := getZ242(previous_wave)
END OF IF

IF z255 != 1 AND z255 != 2 THEN
    Z255 := getZ255(previous_wave)
END OF IF

IF z205 != 1 THEN
    z205 := getZ205(previous_wave)
END OF IF

IF z231 != 5 THEN
    z231 := getZ231(previous_wave)
END OF IF

IF z232 != 5 THEN
    z232 := getZ232(previous_wave)
END OF IF
ELSEIF previous_wave = 3 AND previous_z076 = YES THEN
    IF z278 != 1 THEN
        Z278 := getZ278(previous_wave)
    END OF IF

    IF z089 != 1 THEN
        Z089 := getZ089(previous_wave)
    END OF IF

    IF z090 != 1 THEN
        Z090 := getZ090(previous_wave)
    END OF IF

    IF z101 != 1 AND z101 != 4 AND z101 != 6 THEN
```

```
END OF IF

IF Z102 != 1 THEN
|
END OF IF

IF z281 != 1 THEN
|
END OF IF

IF z103 != 1 THEN
|
END OF IF

IF z104 != 1 THEN
|
END OF IF

IF z105 != 1 THEN
|
END OF IF

IF z106 != 1 THEN
|
END OF IF

IF z107 != 1 THEN
|
END OF IF

IF z108 != 1 THEN
|
END OF IF

IF z110 != 1 THEN
|  Z110 := getZ110(previous_wave)
END OF IF

IF z112 != 1 AND z112 != 2 THEN
|  z112 := getHRSpreloadWave3(1,"z112")
|
|  IF z112 != 1 AND z112 != 2 THEN
|  |  z112 := getHRSpreloadWave2(1,"z112")
|  |
|  |  IF z112 != 1 AND z112 != 2 THEN
|  |  |
|  |  END OF IF
|  END OF IF
END OF IF
```

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```
END OF IF

IF z260 != 1 THEN
|
END OF IF

IF z261 != 1 THEN
|
END OF IF

IF z262 != 1 THEN
|
END OF IF

IF z264 != 1 THEN
| Z264 := getZ264(previous_wave)
END OF IF

IF z265 != 1 THEN
| Z265 := getZ265(previous_wave)
END OF IF

IF z256 != 1 THEN
| Z256 := getZ256(previous_wave)
END OF IF

IF z257 != 1 THEN
| z257 := getHRSpreloadWave3(1,"z257")
|
|   IF z257 != 1 THEN
|   | z257 := getHRSpreloadWave2(1,"z257")
|   |
|   |   IF z257 != 1 THEN
|   |   |
|   |   END OF IF
|   END OF IF
END OF IF

IF Z254_temp != 1 AND Z254_temp != 3 THEN
| z254 := getHRSpreloadWave3(1,"z254")
|
|   IF z254 != 1 THEN
|   | z254 := getHRSpreloadWave2(1,"z254")
|   |
|   |   IF z254 != 1 THEN
```

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

IF z242 != 1 AND Z242 != 2 THEN
  z242 := getHRSpreloadWave3(1,"z242")

  IF z242 != 1 AND Z242 != 2 THEN
    z242 := getHRSpreloadWave2(1,"z242")

    IF z242 != 1 THEN
    |
    END OF IF
  END OF IF
END OF IF

IF z255 != 1 AND z255 != 2 THEN
  z255 := getHRSpreloadWave3(1,"z255")

  IF z255 != 1 AND z255 != 2 THEN
    z255 := getHRSpreloadWave2(1,"z255")

    IF z255 != 1 AND z255 != 2 THEN
    |
    END OF IF
  END OF IF
END OF IF

IF z205 != 1 THEN
  z205 := getHRSpreloadWave3(1,"z205")

  IF z205 != 1 THEN
    z205 := getHRSpreloadWave2(1,"z205")

    IF z205 != 1 THEN
    |
    END OF IF
  END OF IF
END OF IF

IF z231 != 5 THEN
```

```
    z231 := getHRSpreloadWave3(1,"z231")

    IF z231 != 5 THEN
      z231 := getHRSpreloadWave2(1,"z231")

      IF z231 != 5 THEN
      |
      END OF IF
    END OF IF
  END OF IF

  IF z232 != 5 THEN
    z232 := getHRSpreloadWave3(1,"z232")

    IF z232 != 5 THEN
      z232 := getHRSpreloadWave2(1,"z232")

      IF z232 != 5 THEN
      |
      END OF IF
    END OF IF
  END OF IF
ELSEIF previous_wave = 3 AND previous_z076 = NO THEN
|
END OF IF

IF previous_wave = 2 OR (previous_wave = 3 AND previous_z076 = YES) THEN
  multiplewaves := 1
END OF IF
```

End of section **PreloadC_waves**

End of section **PreloadC**

Start of section **SectionC**

C001_ (RATE HEALTH in section SectionC)
Next we have some questions about your health.

Would you say your health is excellent, very good, good, fair, or poor?
1 Excellent
2 Very good
3 Good
4 Fair

5 Poor

C002_ (HEALTH COMPARED TO LAST IW in section SectionC)
Compared with your health when you last answered this question in (January/February/March/April/May/June/July/August/September/October/November/December), (INTERVIEW YEAR PREVIOUS WAVE()), would you say that your health is better now, about the same, or worse?
1 Better
2 About the same
3 Worse

Fill code of question FLC005 executed
Fill code of question FLC005A executed
Fill code of question FLC006 executed

C005_ := 1

C006_ (BLOOD PRESSURE MEDICATION in section SectionC)
(When we last asked you in in ˆZ092, ˆZ093, you said that you have had high blood pressure or hypertension.

)In order to lower your blood pressure, are you now taking any medication?
1 Yes
5 No
4 ()
6 ()

C005_ := 4
C005_ := 6
C005_ (HIGH BLOOD PRESSURE in section SectionC)
(Our records from your last survey in ˆZ092, ˆZ093 show that you have had high blood pressure or hypertension.

Is this accurate?/Since we last asked you in ˆZ092, ˆZ093, has a doctor told you that you have high blood pressure or hypertension?/Has a doctor ever told you that you have high blood pressure or hypertension?)

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(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
3 (No)
4 ()
5 ()

IF C005_ = 1 OR C005_ = 3 THEN
Fill code of question FLC006_2 executed

C006_ (BLOOD PRESSURE MEDICATION in section SectionC)
(When we last asked you in in ˆZ092, ˆZ093, you said that you have had high blood pressure or hypertension.

)In order to lower your blood pressure, are you now taking any medication?
1 Yes
5 No
4 ()
6 ()
END OF IF
END OF IF

Fill code of question FLC010 executed
Fill code of question FLC010A executed

IF z102 = 1 OR z281 = 1 THEN
C010_ := 1
ELSE
C010_ (DIABETES in section SectionC)
(Our records from your last survey in ˆZ092, ˆZ093 show that you have had diabetes or high blood sugar.

Is this accurate?/Since we last asked you in ˆZ092, ˆZ093, has a doctor told you that you have diabetes or high blood sugar?/Has a doctor ever told you that you have diabetes or high blood sugar?)

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
3 (No)

```
  4 ()
  5 ()
END OF IF

IF C010_ = 1 OR C010_ = 3 THEN
  IF Z281 = 1 THEN
    C285 := C285_preload
  ELSE
    Fill code of question FLC285 executed
    Fill code of question FLC285_2 executed
```

C285 (diabetes or pre-diabetes in section SectionC)
(When we last asked you in ˆz092, ˆz093, you said that you have had diabetes or high blood sugar.

)Just to clarify, did the doctor say that you have diabetes or pre-diabetes, or some other blood-sugar-related problem?

(DEF: By "Pre-diabetes" we mean that your blood sugar level is higher than normal but not yet high enough to be classified as diabetes.)
1 Diabetes
2 Borderline diabetes
3 Pre-diabetes
4 Blood sugar is a little high
5 Impaired glucose tolerance
7 (I never had diabetes or high blood sugar)
6 (I had diabetes or high blood sugar before, but I do not have it now and I am not taking medication for it)
97 Other, please specify:

C286 (other diabetes or pre-diabetes in section SectionC)
STRING

```
  IF C285 = 6 THEN
    C010_ := 6
  ELSEIF C285 = 7 THEN
    C010_ := 7
  END OF IF
END OF IF
```

IF C285 != 6 AND C285 != 7 THEN
  Fill code of question FLC011 executed
  Fill code of question FLC011_2 executed

  C011_ (SWALLOWED MEDICATION FOR DIABETES in section SectionC)
  (When we last asked you in ˆz092, ˆz093, you said that you have had diabetes.

)In order to treat or control your (diabetes/blood sugar/diabetes/blood sugar), are you now taking medication that you swallow?
  1 Yes
  5 No

  IF C011_ = 4 THEN
    C010_:= 4
  ELSEIF C011_ = 6 THEN
    C010_:= 6
  END OF IF

  IF C285 = 1 OR C011_ = 1 THEN
    C012_ (TAKING INSULIN - DIABETES in section SectionC)
    Are you now using insulin shots or a pump?
    1 Yes
    5 No

    IF C012_ != YES THEN
      C236_ (DOC RECOMMEND INSULIN - DIABETES in section SectionC)
      Has a doctor ever recommended to you that you use insulin?
      1 Yes
      5 No
    END OF IF
  END OF IF

  IF C285 = 1 THEN
    C214_ (YEAR DIABETES FIRST DIAGNOSED in section SectionC)
    In what year was your diabetes first diagnosed?
    RANGE 1900..(())
  END OF IF
END OF IF
END OF IF

Fill code of question FLC018 executed
Fill code of question FLC018A executed

IF z103 = 1 THEN
  C018_ := 1
ELSE
  C018_ (CANCER OF ANY KIND EXCLUDING SKIN in section SectionC)
  (Our records from your last survey in ˆZ092, ˆZ093 show that you have had cancer.

  Is this accurate?/Since your last survey in ˆZ092, ˆZ093, has a doctor told you that you have cancer or a malignant tumor, excluding minor skin cancer?/Has a doctor ever told you that you have cancer or a malignant tumor, excluding minor skin cancer?)

  (DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
  1 Yes
  3 (No)
  4 ()
  5 ()
END OF IF

IF C018_ = 1 OR C018_ = 3 THEN
  IF z076 = YES AND Z103 != 1 AND C018_ = 1 THEN
  I
  ELSE
    Fill code of question FLC019 executed
    Fill code of question FLC019_2 executed

    C019_ (R SEEN DOC CONCERNING CANCER in section SectionC)
    (Since your last survey in ˆZ092, ˆZ093/In the last two years), have you seen a doctor about your cancer?

    (DEF: Include appointments with nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
    1 Yes
    5 No
    4 (I never had cancer)

    IF Z103 = 1 AND C019_ = 4 THEN
      C018_ := 4
    END OF IF
  END OF IF
END OF IF

IF z076 = YES AND c231 > 0 THEN

ELSEIF z076 = NO OR (z076 = YES AND C018_ != 4) THEN

> Fill code of question FLC020 executed
>
> **C020_** (PAST CANCER TREATED in section SectionC)
> We want to know about any cancer treatment that may have taken place during the last two years.
>
> (Since your last survey in ˆZ092, ˆZ093/During the last two years), have you received any treatment for cancer?
> 1 Yes
> 5 No
>
> IF C019_ != 1 AND C020_ != 1 AND z076 = YES AND z103 = 1 THEN
>
> ELSEIF C020_ != 1 AND z103 = 1 THEN
>
> ELSEIF C020_ != 1 AND z103 != 1 THEN
>
> ELSE
>
>>
>> **C021M** (CANCER TREATMENT-TYPE in section SectionC)
>> During the last two years, what sort of treatments have you received for cancer? Please choose all that apply.
>> 1 Chemotherapy
>> 2 Surgery
>> 3 Radiation
>> 4 Medication / Treatment for symptoms (Pain, Nausea, Rashes)
>> 5 Biopsy
>> 6 X-Ray
>> 7 Other, please specify:
>> 8 None
>>
>> **C022S** (CANCER TREATMENT - SPECIFY in section SectionC)
>> STRING
>>
>> END OF GROUP
>
> END OF IF
END OF IF

IF z076 = NO OR (z076 = YES AND Z103 != 1) THEN

C026_ (Where cancer start in section SectionC)
In which organ or part of your body did your cancer(s) start?
STRING

C028_ (YEAR RECENT CANCER in section SectionC)
In what year was your most recent cancer diagnosed?
RANGE 1900..(())

IF C028_ = RESPONSE AND (FLCurrentYear - C028_)

C029_ (MONTH RECENT CANCER in section SectionC)
In what month was that?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December
END OF IF
ELSE
IF C019_ != 1 AND C020_ != 1 AND z076 = YES AND z103 = 1 THEN

ELSE
C023_ (CANCER GOTTEN BETTER/WORSE in section SectionC)
Since your last survey in (January/February/March/April/May/June/July/August/September/October/November/C
(INTERVIEW YEAR PREVIOUS WAVE()), has the cancer gotten worse, better, or
stayed the same?
1 Better
2 About the same
3 Worse

C024 (NEW CANCER in section SectionC)
Since your last survey in (January/February/March/April/May/June/July/August/September/October/November/C
(INTERVIEW YEAR PREVIOUS WAVE()), has a doctor told you that you had a new
cancer or malignant tumor, excluding minor skin cancer?

(DEF: (Medical doctors include specialists such as Dermatologists, Psychiatrists,
Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists
and physicians assistants. Also include diagnoses made by Nurses and Nurse
Practitioners.))

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1 Yes
5 No

C026_ (Where cancer start in section SectionC)
In which organ or part of your body did your cancer(s) start?
STRING

C028_ (YEAR RECENT CANCER in section SectionC)
In what year was your most recent cancer diagnosed?
RANGE 1900..(())

IF C028_ = RESPONSE AND (FLCurrentYear - C028_)
C029_ (MONTH RECENT CANCER in section SectionC)
In what month was that?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December
END OF IF
END OF IF
END OF IF
END OF IF
END OF IF

Fill code of question FLC030 executed
Fill code of question FLC030A executed

IF Z104 = 1 THEN
C030_ := 1
ELSE
C030_ (LUNG DISEASE in section SectionC)
(Our records from your last survey in ˆZ092, ˆZ093 show that you have had a chronic lung disease, such as chronic bronchitis or emphysema.

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Is this accurate?/Since we last asked you in ˆZ092, ˆZ093, has a doctor told you that you have chronic lung disease, such as chronic bronchitis or emphysema?/Has a doctor ever told you that you have chronic lung disease such as chronic bronchitis or emphysema?)

Do not include asthma.

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
3 (No)
4 ()
5 ()
END OF IF

IF C030_ = 1 OR C030_ = 3 THEN
 IF z076 = YES AND Z104 = 1 THEN
   Fill code of question FLC031 executed
   Fill code of question FLC031_2 executed

   C031_ (LUNG DISEASE BETTER/WORSE in section SectionC)
   (When we last asked you in ˆz092, ˆz093, you said that you have had a chronic lung disease such as chronic bronchitis or emphysema.

)Since then, has this condition gotten better, worse, or stayed about the same?
   1 Better
   2 About the same
   3 Worse
   4 ()
   6 ()

   IF C031_ = 4 THEN
    C030_ := 4
   ELSEIF C031_ = 6 THEN
    C030_ := 6
   END OF IF
 END OF IF
END OF IF

IF C030_ != 4 AND C030_ != 6 THEN
 C032_ (LUNG MEDICATION in section SectionC)
 Are you now taking medication or other treatment for your lung condition?
 1 Yes

5 No

C033_ (LUNG OXYGEN in section SectionC)
Are you receiving oxygen for your lung condition?
1 Yes
5 No

C034_ (LUNG RESPIRATORY THERAPY in section SectionC)
Are you receiving physical or respiratory therapy for your lung condition?
1 Yes
5 No
END OF IF
END OF IF

Fill code of question FLC036 executed
Fill code of question FLC036A executed

IF z105 = 1 THEN
C036_ := 1
ELSE
C036_ (HEART CONDITION in section SectionC)
(Our records from your last survey in ˆZ092, ˆZ093 show that you have had a heart problem.

Is this accurate?/Since we last asked you in ˆZ092, ˆZ093, has a doctor told you that you have had a heart attack, have coronary heart disease, angina, congestive heart failure, or other heart problems?/Has a doctor ever told you that you have had a heart attack, coronary heart disease, angina, congestive heart failure, or other heart problems?)

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
3 (No)
4 ()
5 ()
END OF IF

IF C036_ = 1 OR C036_ = 3 THEN
Fill code of question FLC037 executed
Fill code of question FLC037_2 executed

C037 (HEART MEDICATION in section SectionC)
(When we last asked you in ˆz092, ˆz093, you said that you have had a heart problem.

)Are you now taking or carrying medication for your heart problem?
1 Yes
5 No
4 ()
6 ()

IF z105 = 1 THEN
 | IF C037 = 4 THEN
 | | C036 := 4
 | ELSEIF C037 = 6 THEN
 | | C036 := 6
 | END OF IF
END OF IF

IF (C036 = 4 OR C036 = 6) THEN
|
ELSE
 | IF z076 = YES AND Z105 != 1 THEN
 | |
 | ELSE
 | | Fill code of question FLC039 executed
 | |
 | | **C038** (HAS R SEEN HEART DOCTOR in section SectionC)
 | | (In the last two years/Since ˆz092, ˆz093), have you seen a doctor for your heart problem?
 | |
 | | (DEF: Include appointments with nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
 | | 1 Yes
 | | 5 No
 | |
 | | IF C037 = 5 AND C038 = 5 THEN
 | | |
 | | ELSEIF (z076 = YES AND z105 != 1) OR Z076 = NO THEN
 | | |
 | | ELSE
 | | | **C039** (HEART PROBLEM BETTER/WORSE in section SectionC)
 | | | (In the last two years/Since ˆz092, ˆz093), has this condition gotten better, worse, or stayed about the same?
 | | | 1 Better

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> > | 2 About the same
> > | 3 Worse
> | END OF IF
> END OF IF

IF z076 = YES AND Z255 != 1 THEN

ELSE

> **C257_** (EVER HAD HEART ATTACK in section SectionC)
> Has a doctor ever told you that you have had a heart attack?
>
> (DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
> 1 Yes
> 5 No

> IF C257_ = YES THEN
> > **C258_** (YEAR FIRST HAD HEART ATTACK in section SectionC)
> > In what year were you first told by a doctor that you had a heart attack?
> > RANGE 1900..(())
> >
> > IF C258_ = RESPONSE AND (FLCurrentYear - C258_)
> > > **C259_** (MONTH FIRST HAD HEART ATTACK in section SectionC)
> > > In what month was that?
> > > 1 January
> > > 2 February
> > > 3 March
> > > 4 April
> > > 5 May
> > > 6 June
> > > 7 July
> > > 8 August
> > > 9 September
> > > 10 October
> > > 11 November
> > > 12 December
> > END OF IF
> ELSE
> | C260BP_jump := 1
> END OF IF
END OF IF

IF z076 = YES AND Z255 != 1 THEN

ELSEIF C260BP_jump = 1 THEN

ELSEIF z076 = NO THEN
  C274_ (HAD OTHER HEART ATTACKS in section SectionC)
  Have you had any other heart attacks since then?
  1 Yes
  5 No

  IF C274_ = YES THEN
    C275_ (NUMBER OF OTHER HEART ATTACKS in section SectionC)
    How many more heart attacks have you had?
    RANGE 1..50

    IF C275_ $>$ 0 THEN
      C276_ (YEAR OF MOST RECENT HEART ATTACK in section SectionC)
      In what year was your (most recent) heart attack?
      RANGE 1900..(())

      IF C276_ = RESPONSE AND (FLCurrentYear - C276_)
        C277_ (MONTH OF MOST RECENT HEART ATTACK in section SectionC)
        In what month was that?
        1 January
        2 February
        3 March
        4 April
        5 May
        6 June
        7 July
        8 August
        9 September
        10 October
        11 November
        12 December
      END OF IF
    END OF IF
  END OF IF
END OF IF

IF C260BP_jump = 1 THEN

ELSEIF z076 = NO AND (C037_ = YES OR C038_ = YES) THEN

Fill code of question FLC041 executed

C041_ (R SEEN DOCTOR FOR HEART ATTACK in section SectionC)
(Since then, have you seen a doctor in connection with your heart attack?/In the last two years, have you seen a doctor in connection with your heart attack?)
1 Yes
5 No

C042_ (HEART ATTACK MEDICATION in section SectionC)
Are you now taking or carrying medication because of your heart attack?
1 Yes
5 No

ELSEIF z076 = YES AND (C037_ = YES OR C038_ = YES) THEN
IF (C258_ $<$ Z093 OR C258_ = empty) THEN
 C040_ (HEART ATTACK in section SectionC)
 (In the last two years/Since ˆz092, ˆz093), have you had a heart attack or myocardial infarction?
 1 Yes
 5 No
END OF IF

IF C040_ = 1 OR (C258_ $\geq$ Z093) THEN
 Fill code of question FLC041 executed

 C041_ (R SEEN DOCTOR FOR HEART ATTACK in section SectionC)
 (Since then, have you seen a doctor in connection with your heart attack?/In the last two years, have you seen a doctor in connection with your heart attack?)
 1 Yes
 5 No

 C042_ (HEART ATTACK MEDICATION in section SectionC)
 Are you now taking or carrying medication because of your heart attack?
 1 Yes
 5 No

 IF C040_ = 1 THEN
  C043_ (YR RECENT HEART ATTACK in section SectionC)
  In what year was your (most recent) heart attack?
  RANGE 1900..(())
 END OF IF
END OF IF

IF C043_ = RESPONSE AND (FLCurrentYear - C043_)

C044_ (MO RECENT HEART ATTACK in section SectionC)
In what month was that?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December
END OF IF
END OF IF

IF Z076 = NO OR (Z076 = YES AND Z255 = 1) THEN
C260_ (EVER HAD ANGINA in section SectionC)
Has a doctor ever told you that you have angina?

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
5 No

IF C260_ = YES THEN
C261_ (YEAR HAD FIRST ANGINA in section SectionC)
In what year was your angina first diagnosed?
RANGE 1900..(())
END OF IF
END OF IF

Fill code of question FLC045 executed

IF (Z076 = NO OR (Z076 = YES AND Z255 = 1)) AND C260_ != YES THEN
|
ELSEIF Z076 = NO AND (C037_ = YES OR C038_ = YES) THEN
IF C261_ = RESPONSE AND not((FlCurrentYear - C261_)
C045_ (ANGINA in section SectionC)
(In the last two years/Since ˆz092, ˆz093), have you any angina or chest pains due to your heart?

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1 Yes
5 No

    IF C045_ = YES THEN
      C046_ (ANGINA MEDICATION in section SectionC)
      Are you now taking or carrying medications because of angina or chest pain?
      1 Yes
      5 No
    END OF IF
  ELSE
    C046_ (ANGINA MEDICATION in section SectionC)
    Are you now taking or carrying medications because of angina or chest pain?
    1 Yes
    5 No
  END OF IF
ELSEIF Z076 = YES AND (C037_ = YES OR C038_ = YES) AND (Z255 != 1 OR (Z255 = 1 AND C260_ = 1)) THEN
  IF Z255 != 1 OR (Z255 = 1 AND Z093 > C261_) THEN
    C045_ (ANGINA in section SectionC)
    (In the last two years/Since ^z092, ^z093), have you any angina or chest pains due to your heart?
    1 Yes
    5 No

    IF C045_ = YES THEN
      C046_ (ANGINA MEDICATION in section SectionC)
      Are you now taking or carrying medications because of angina or chest pain?
      1 Yes
      5 No
    END OF IF
  ELSE
    C046_ (ANGINA MEDICATION in section SectionC)
    Are you now taking or carrying medications because of angina or chest pain?
    1 Yes
    5 No
  END OF IF
END OF IF

IF Z076 = NO OR (Z076= YES AND Z255 = 1) THEN
  C263_ (EVER HAD HEART FAILURE in section SectionC)
  Has a doctor ever told you that you have congestive heart failure?

  (DEF: Include diagnoses made by nurses, nurse practitioners, physicians' as-

sistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
5 No

IF C263_ = YES THEN
  C264_ (YEAR FIRST HAD HEART FAILURE in section SectionC)
  In what year was your congestive heart failure first diagnosed?
  RANGE 1900..(())
END OF IF
END OF IF

Fill code of question FLC048 executed
Fill code of question FLC049 executed

IF (Z076 = NO OR (Z076= YES AND Z255 = 1)) AND C263_ != YES THEN

ELSEIF Z076 = NO AND (C037_ = YES OR C038_ = YES) THEN
  IF C264_ = RESPONSE AND not((FICurrentYear - C264_)
  C048_ (CONGESTIVE HEART FAILURE in section SectionC)
  (In the last two years/Since ˆz092, ˆz093), has a doctor told you that you have congestive heart failure?

  (DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
  1 Yes
  5 No

  IF C048_ = YES THEN
    C049_ (HOSPITALIZED DUE TO HEART FAILURE in section SectionC)
    (In the last two years/Since ˆz092, ˆz093), have you been admitted to the hospital overnight because of congestive heart failure?
    1 Yes
    5 No

    C050_ (CONGESTIVE HEART FAILURE MEDICATION in section SectionC)
    Are you taking or carrying any medication for congestive heart failure?
    1 Yes
    5 No
  END OF IF
ELSE

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C049_ (HOSPITALIZED DUE TO HEART FAILURE in section SectionC)
(In the last two years/Since ˆz092, ˆz093), have you been admitted to the hospital overnight because of congestive heart failure?
1 Yes
5 No

C050_ (CONGESTIVE HEART FAILURE MEDICATION in section SectionC)
Are you taking or carrying any medication for congestive heart failure?
1 Yes
5 No

END OF IF
ELSEIF Z076 = YES AND (C037_ = YES OR C038_ = YES) AND (Z255 != 1 OR (Z255 = 1 AND C263_ = 1)) THEN

IF Z255 != 1 OR (Z255 = 1 AND Z093 > C264_) THEN

C048_ (CONGESTIVE HEART FAILURE in section SectionC)
(In the last two years/Since ˆz092, ˆz093), has a doctor told you that you have congestive heart failure?

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
5 No

IF C048_ = YES THEN

C049_ (HOSPITALIZED DUE TO HEART FAILURE in section SectionC)
(In the last two years/Since ˆz092, ˆz093), have you been admitted to the hospital overnight because of congestive heart failure?
1 Yes
5 No

C050_ (CONGESTIVE HEART FAILURE MEDICATION in section SectionC)
Are you taking or carrying any medication for congestive heart failure?
1 Yes
5 No

END OF IF
ELSE

C049_ (HOSPITALIZED DUE TO HEART FAILURE in section SectionC)
(In the last two years/Since ˆz092, ˆz093), have you been admitted to the hospital overnight because of congestive heart failure?
1 Yes
5 No

C050_ (CONGESTIVE HEART FAILURE MEDICATION in section SectionC)
Are you taking or carrying any medication for congestive heart failure?
1 Yes
5 No
END OF IF
END OF IF

IF z076 = NO THEN
C266_ (EVER HAD ABNORMAL HEART RHYTHM in section SectionC)
Has a doctor ever told you that you have an abnormal heart rhythm?

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
5 No

IF C266_ = 1 THEN
C267_ (YEAR FIRST HAD ABNORMAL HEART RHYTHM in section SectionC)
In what year was your abnormal heart rhythm first diagnosed?
RANGE 1900..(())
END OF IF
END OF IF

Fill code of question FLC269 executed

IF (C037_ = YES OR C038_ = YES) THEN
IF (z076 = NO AND C266_ = 1) THEN
IF C267_ = RESPONSE AND not((FlCurrentYear - C267_)
C269_ (RECENT REPORT ABNORMAL HEART RHYTHM in section SectionC)
(In the last two years/Since ^z092, ^z093), has a doctor told you that you have an abnormal heart rhythm?

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
5 No
END OF IF

IF C266_ = YES OR C269_ = YES THEN

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C282_ (HEART RHYTHM MEDICATION in section SectionC)
In order to regulate your heart rhythm are you now taking any medication?
1 Yes
5 No
END OF IF
ELSEIF Z076 = YES THEN
C269_ (RECENT REPORT ABNORMAL HEART RHYTHM in section SectionC)
(In the last two years/Since ˆz092, ˆz093), has a doctor told you that you have an abnormal heart rhythm?

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
5 No

IF C269_ = YES THEN
C282_ (HEART RHYTHM MEDICATION in section SectionC)
In order to regulate your heart rhythm are you now taking any medication?
1 Yes
5 No
END OF IF
END OF IF
END OF IF

IF (C037_ = 5 AND C038_ = 5) THEN

ELSEIF C257_ = YES OR C260_ = YES OR C263_ = YES OR C040_ = YES OR C045_ = YES OR C048_ = YES OR C269_ = YES OR C266_ = YES THEN
Fill code of question FLC051 executed

C051_ (HEART TREATMENT in section SectionC)
(In the last two years/Since ˆz092, ˆz093), have you had a special test or treatment of your heart where tubes were inserted into your veins or arteries (cardiac catheterization, coronary angiogram, angioplasty, or bypass graft notation)?
1 Yes
5 No

C052_ (HEART SURGERY in section SectionC)
(In the last two years/Since ˆz092, ˆz093), have you had surgery on your heart?
1 Yes
5 No
ELSE

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C270_ (TYPE HEART DISEASE R HAS in section SectionC)
What type of heart disease do you have?
STRING

Fill code of question FLC051 executed

C051_ (HEART TREATMENT in section SectionC)
(In the last two years/Since ˆz092, ˆz093), have you had a special test or treatment of your heart where tubes were inserted into your veins or arteries (cardiac catheterization, coronary angiogram, angioplasty, or bypass graft notation)?
1 Yes
5 No

C052_ (HEART SURGERY in section SectionC)
(In the last two years/Since ˆz092, ˆz093), have you had surgery on your heart?
1 Yes
5 No
  END OF IF
 END OF IF
END OF IF

Fill code of question FLC053 executed
Fill code of question FLC053A executed

IF Z106 = 1 THEN
 C053_ := 1
ELSE
 C053_ (STROKE in section SectionC)
 (Has a doctor ever told you that you have had a stroke?/Our records from a previous survey in ˆz092, ˆz093 show that you have had a stroke. Is this correct?/Since we last asked you in ˆz092, ˆz093, has a doctor told you that you have had a stroke?)

 (DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
 1 Yes
 3 (No)
 4 ()
 5 ()
END OF IF

IF C053_ = 1 OR C053_ = 3 THEN

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Fill code of question FLC054 executed

C054_ (R SEEN DOCTOR FOR STROKE in section SectionC)
(When we last asked you in ˆz092, ˆz093, you said that you have had a stroke.

)(In the last two years/Since ˆz092, ˆz093), have you seen a doctor because of this or any other stroke?

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
5 No
4 (I never had a stroke)

IF z076 = YES AND z106 = 1 AND C054_ = 4 THEN
  C053_ := 4
END OF IF

IF C053_ = 4 THEN
|
ELSE
  C055_ (STROKE PROBLEMS in section SectionC)
  Do you still have any remaining problems because of your stroke(s)?
  1 Yes
  5 No

  IF not(z076 = YES AND Z106 = 1 AND C054_ = 5 AND C055_ = 5) THEN
    C060_ (STROKE MEDICATION in section SectionC)
    Are you now taking any medications because of your stroke or its complications?
    1 Yes
    5 No

    C061_ (STROKE THERAPY in section SectionC)
    Are you receiving physical or occupational therapy because of your stroke or its complications?
    1 Yes
    5 No

    IF Z106 = 1 AND C053_ != 3 THEN
      IF C053_ != 2 THEN
        C062_ (R HAS HAD OTHER STROKE in section SectionC)
        Since (January/February/March/April/May/June/July/August/September/October/November/December), (INTERVIEW YEAR PREVIOUS WAVE()), has a doctor told you that you had

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another stroke?

(DEF: Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)
1 Yes
5 No

IF C062_ = 1 THEN
  C064_ (YEAR MOST RECENT STROKE in section SectionC)
  In what year was your most recent stroke?
  RANGE 1900..(())

  IF C064_ = RESPONSE THEN
    IF FLCurrentYear - C064_
      C063_ (MONTH MOST RECENT STROKE in section SectionC)
      In what month was that?
      1 January
      2 February
      3 March
      4 April
      5 May
      6 June
      7 July
      8 August
      9 September
      10 October
      11 November
      12 December
    END OF IF
  END OF IF
END OF IF
END OF IF
ELSE
IF C053_ != 2 THEN
  C064_ (YEAR MOST RECENT STROKE in section SectionC)
  In what year was your most recent stroke?
  RANGE 1900..(())

  IF C064_ = RESPONSE THEN
    IF FLCurrentYear - C064_

C063_ (MONTH MOST RECENT STROKE in section SectionC)
In what month was that?
1 January
2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September
10 October
11 November
12 December
END OF IF
END OF IF
END OF IF
END OF IF
END OF IF
END OF IF
END OF IF

Fill code of question FLC065 executed
Fill code of question FLC065A executed

IF z107 = 1 THEN
C065_ := 1
ELSE
C065_ (EMOTIONAL/PSYCHIATRIC PROBLEMS in section SectionC)
(Have you ever had or has a doctor ever told you that you have any emotional, nervous, or psychiatric problems?/When we asked you in ˆz092, ˆz093 you said that you have had some emotional, nervous, or psychiatric problems. Is this correct?/Since we last asked you in ˆz092, ˆz093, did you have or has a doctor told you that you have any emotional, nervous, or psychiatric problems?)

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
3 (No)
4 ()
5 ()

END OF IF

IF c065_ = 1 THEN
  Fill code of question FLC184 executed
  Fill code of question FLc184_2 executed

  C184_ (GETTING PSYCHIATRIC TREATMENT in section SectionC)
  (When we last asked you in ˆz092, ˆz093, you said that you have had some emotional, nervous, or psychiatric problems.

)Do you now get psychiatric or psychological treatment for your problems?
  1 Yes
  5 No
  4 ()
  6 ()

  IF z076 = YES AND z107 = 1 THEN
    IF c184_ = 4 THEN
      c065_ := 4
    ELSEIF c184_ = 6 THEN
      c065_ := 6
    END OF IF
  END OF IF
END OF IF

Fill code of question FLC271 executed
Fill code of question FLC271A executed

IF z260 = 1 THEN
  C271_ := 1
  Fill code of question FLC300 executed
  Fill code of question FLC300_2 executed

  C300_ (GETTING PSYCHIATRIC TREATMENT FOR DEPRESSION in section SectionC)
  (When we last asked you in ˆz092, ˆz093, you said that you have had some problems with depression.

)Do you now get psychiatric or psychological treatment for your depression?
  1 Yes
  5 No
  4 ()
  6 ()

  IF z076 = YES AND z107 = 1 THEN

```
      IF C300_ = 4 THEN
      │  C271_ := 4
      ELSEIF C300_ = 6 THEN
      │  C271_ := 6
      END OF IF
   END OF IF
ELSE
   C271_ (EVER HAD DEPRESSION in section SectionC)
   (Has a doctor ever told you that you have had problems with depression?/When we
   asked in ˆz092, ˆz093 you said that you have had some problems with depression. Is this
   correct?/Since we last asked you in ˆz092, ˆz093, has a doctor told you that you have
   had problems with depression?)

   (DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants
   and internists.  Medical doctors include specialists such as cardiologists, osteopaths,
   dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general
   practitioners.)
   1 Yes
   3 (No)
   4 ()
   5 ()

   IF C271_ = YES THEN
      C300_ (GETTING PSYCHIATRIC TREATMENT FOR DEPRESSION in section Sec-
      tionC)
      (When we last asked you in ˆz092, ˆz093, you said that you have had some problems
      with depression.

      )Do you now get psychiatric or psychological treatment for your depression?
      1 Yes
      5 No
      4 ()
      6 ()
   END OF IF
END OF IF

C067_ := empty

IF c184_ = 1 OR c300_ = 1 THEN
│  C067_ := 1
ELSEIF c184_ = 5 OR c300_ = EMPTY THEN
│  C067_ := 5
ELSEIF c184_ = EMPTY OR c300_ = EMPTY THEN
```

C067_ := 5
END OF IF

Fill code of question FLC272 executed
Fill code of question FLC272A executed

IF z261 = 1 THEN
C272_ := 1
Fill code of question FLC298 executed
Fill code of question FLC298_2 executed

C298_ (TAKING MEDICATION FOR ALZHEIMER in section SectionC)
(When we last asked you ˆz092, ˆz093, you said that a doctor had told you that you had Alzheimer's Disease.

)Are you taking any medication prescribed by a doctor to help with your Alzheimer's Disease?
1 Yes
5 No
4 ()

IF C298_ = 4 THEN
C272_ := 4
END OF IF
ELSE
C272_ (EVER HAD ALZHEIMERS in section SectionC)
(Has a doctor ever told you that you have Alzheimer's Disease?/Our records from ˆz092, ˆz093 show that a doctor had told you that you had Alzheimer's Disease. Is this correct?/Since we last asked you in ˆz092, ˆz093, has a doctor told you that you have Alzheimer's Disease?)

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
3 (No)
4 ()
5 ()

IF C272_ = 1 THEN
Fill code of question FLC298_2 executed

C298_ (TAKING MEDICATION FOR ALZHEIMER in section SectionC)

(When we last asked you ˆz092, ˆz093, you said that a doctor had told you that you had Alzheimer's Disease.

)Are you taking any medication prescribed by a doctor to help with your Alzheimer's Disease?
1 Yes
5 No
4 ()
END OF IF
END OF IF

IF C298_ = 1 THEN
C210_ := 1
ELSEIF C298_ = 5 THEN
C210_ := 5
ELSEIF C298_ = EMPTY THEN
C210_ := empty
END OF IF

Fill code of question FLC273 executed

IF z262 = 1 THEN
IF z261 != 1 THEN
Fill code of question FLC210 executed
Fill code of question FLC210_2 executed

C210_ (PRESCRIPTION FOR MEMORY PROBLEM in section SectionC)
(When we last asked you ˆz092, ˆz093, you said that a doctor had told you that you had dementia, senility or memory impairment.

)Are you taking any medication prescribed by a doctor to help with your dementia, senility or memory impairment?
1 Yes
5 No
4 (I never had dementia, senility or memory impairment)

IF C210_ = 4 THEN
C273_ := 4
END OF IF
END OF IF
ELSEIF C298_ = RESPONSE AND C298_ != 4 THEN

ELSE

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C273_ (EVER HAD DEMENTIA in section SectionC)
(Has a doctor ever told you that you have dementia, senility or any other serious memory impairment?/Our records from ˆz092, ˆz093 show that a doctor had told you that you had dementia, senility or some other serious memory impairment. Is this correct?/Since we last asked you in ˆz092, ˆz093, has a doctor told you that you have dementia, senility or any other serious memory impairment?)

(DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.)
1 Yes
3 (No)
4 ()
5 ()

IF C273_ = 1 AND C210_ = EMPTY THEN
  C210_ (PRESCRIPTION FOR MEMORY PROBLEM in section SectionC)
  (When we last asked you ˆz092, ˆz093, you said that a doctor had told you that you had dementia, senility or memory impairment.

)Are you taking any medication prescribed by a doctor to help with your dementia, senility or memory impairment?
  1 Yes
  5 No
  4 (I never had dementia, senility or memory impairment)
END OF IF
END OF IF

Fill code of question FLC070 executed
Fill code of question FLC070A executed

IF z108 = 1 THEN
  C070_ := 1
  Fill code of question FLC071 executed
  Fill code of question FLC071_2 executed

  C071_ (ARTHRITIS BETTER OR SAME in section SectionC)
  (When we last asked you in ˆz092, ˆz093, you said that a doctor had told you that you have had arthritis.

)Since (January/February/March/April/May/June/July/August/September/October/November/December), (INTERVIEW YEAR PREVIOUS WAVE()), has this arthritis gotten better, worse, or stayed about the same?

1 Better
2 About the same
3 Worse
4 ()
6 ()

IF C071_ = 4 THEN
 | C070_ := 4
ELSEIF C071_ = 6 THEN
 | C070_ := 6
END OF IF
ELSE
 | **C070_** (ARTHRITIS in section SectionC)
 | (Have you ever had, or has a doctor ever told you that you have arthritis or rheuma-
 | tism?/Our records from ˆz092, ˆz093 show that you have had arthritis. Is this
 | correct?/Since we last asked you in ˆz092, ˆz093, have you had or has a doctor told you
 | that you have arthritis or rheumatism?)
 |
 | (DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants
 | and internists. Medical doctors include specialists such as cardiologists, osteopaths,
 | dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general
 | practitioners.)
 | 1 Yes
 | 3 (No)
 | 4 ()
 | 5 ()
END OF IF

IF c070_ = 4 OR C070_ = 6 THEN
 | IF Z076 = NO OR (Z076 = YES AND Z286 !=2 AND not(C231 >0)) THEN
 | | **C297_** (ever been told immune system is weakened in section SectionC)
 | | Have you ever been told by a doctor or other health professional that your immune
 | | system is weakened?
 | | 1 Yes
 | | 5 No
 | END OF IF
ELSE
 | IF C070_ = 1 OR C070_ = 3 THEN
 | | Fill code of question FLC076 executed
 | |
 | | **C076_** (ARTHRITIS JOINT REPLACE in section SectionC)
 | | (In the last two years/Since ˆz092, ˆz093), have you had surgery or any joint replace-
 | | ment because of arthritis?

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1 Yes
5 No

IF C076_ = YES THEN

C218_ (ARTHRITIS JOINT REPLACE- TYPE in section SectionC)
Which did you have: joint replacement, surgery not involving joint replacement, or both?
1 Joint replacement
2 Surgery not involving joint replacement
3 Both

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

C077M (WHICH JOINT in section SectionC)
Which joint was replaced or affected?
1 Hip(s)
2 Knee(s)
3 Hand/Wrist Area
4 Foot/Ankle Area
5 Shoulder(s)
6 Spine
7 Other, please specify:

C078S (WHICH JOINT - SPECIFY in section SectionC)
STRING

END OF GROUP
END OF IF

IF z076 = YES AND c239 > 0 THEN

ELSEIF z076 = yes AND z108 = 1 THEN

ELSE
C219_ (ARTHRITIS TYPE- OSTEOARTHRITIS in section SectionC)
Which type or types of arthritis do you have?

Do you have osteoarthritis?

(DEF: Osteoarthritis is also called degenerative or 'wear and tear' arthritis)
1 Yes
5 No

C220_ (ARTHRITIS TYPE- RHEUMATOID in section SectionC)
Do you have rheumatoid arthritis?

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(DEF: Rheumatoid arthritis is sometimes called autoimmune arthritis)
1 Yes
5 No

C222_ (ARTHRITIS TYPE- RELATED TO INJURY in section SectionC)
Do you have arthritis related to a previous injury?
1 Yes
5 No
END OF IF

IF Z076 = NO OR (Z076 = YES AND Z286 !=2 AND not(C231 >0)) THEN
C297_ (ever been told immune system is weakened in section SectionC)
Have you ever been told by a doctor or other health professional that your immune system is weakened?
1 Yes
5 No
END OF IF
ELSE
IF Z076 = NO OR (Z076 = YES AND Z286 !=2 AND not(C231 >0)) THEN
C297_ (ever been told immune system is weakened in section SectionC)
Have you ever been told by a doctor or other health professional that your immune system is weakened?
1 Yes
5 No
END OF IF
END OF IF
END OF IF

Fill code of question FLC240 executed

C240_ (HAS HAD SHINGLES in section SectionC)
(Have you ever had shingles?/Since ˆz092, ˆz093, have you had shingles?)
1 Yes
5 No

IF z076 = NO OR (z076 = YES AND Z242 != 1 AND Z242 != 2 AND C231 < 1) THEN
C246_ (SHINGLES VACCINE in section SectionC)
A vaccine for shingles has been available since 2006, and a second vaccine was more recently introduced. Have you ever had a vaccine for shingles?
1 Yes
5 No

IF c246_ = 1 THEN
    C299_ (year got vaccine in section SectionC)
    What year did you get the shingles vaccine?
    RANGE 2005..(())
END OF IF
END OF IF

Fill code of question FLC283 executed

C283_ (EVER TOLD CHOLESTEROL TOO HIGH in section SectionC)
(Have you ever been told by a doctor or other health professional that your blood cholesterol level was high?/Since we last asked you in ˆz092, ˆz093, has a doctor or other health professional told you that your blood cholesterol level was high?)
1 Yes
5 No

IF z076 = NO OR (z076 = YES AND Z265 != 1) THEN
    Fill code of question FLC280 executed

    C280_ (HAS OSTEOPOROSIS in section SectionC)
    (Has a doctor ever told you that you have osteoporosis?/Since we last asked you in ˆz092, ˆz093, has a doctor told you that you have osteoporosis?)

    (DEF: Osteoporosis is the condition when bones become thinner than normal, making them fragile and more likely to break.)
    1 Yes
    5 No

    C281_ (HAD BONE DENSITY TEST FOR OSTEOPOROSIS in section SectionC)
    Have you ever had a bone density or bone scan test to screen for osteoporosis?
    1 Yes
    5 No
END OF IF

IF A019_RAge > 64 THEN
    Fill code of question FLC079 executed

    C079_ (FALLEN IN PAST TWO YEARS in section SectionC)
    Have you fallen down (in the last two years/since ˆz092, ˆz093)?
    1 Yes
    5 No

    IF C079_ = YES THEN

C080_ (NUMBER TIMES FALLEN in section SectionC)
How many times have you fallen (in the last two years/since ˆz092, ˆz093)?
RANGE 0..50

IF C080_ > 0 THEN
  Fill code of question FLC081 executed

  C081_ (INJURY DUE TO FALL in section SectionC)
  (In that fall/In any of these falls), did you injure yourself seriously enough to need
  medical treatment?
  1 Yes
  5 No
END OF IF
END OF IF

Fill code of question FLC082 executed

C082_ (BROKEN HIP in section SectionC)
(Have you ever fractured your hip?/Have you fractured your hip since ˆz092, ˆz093?)
1 Yes
5 No
END OF IF

C087_ (INCONTINENCE in section SectionC)
This might not be easy to talk about, but during the last 12 months, have you lost any
amount of urine beyond your control?
1 Yes
5 No

IF C087_ = YES THEN
  C088_ (INCONTINENCE # DAYS in section SectionC)
  On about how many days in the last month have you lost any urine?

  Please enter "31" for every day.
  RANGE 0..31

  IF C088_ = EMPTY THEN
    C089_ (INCONTINENCE 5 DAYS DK-1 in section SectionC)
    In the last month, have you lost any urine on more than 5 days?
    1 Yes
    5 No

    IF C089_ = 1 THEN

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C090_ (INCONTINENCE 15 DAYS DK-2 in section SectionC)
In the last month, have you lost any urine on more than 15 days?
1 Yes
5 No
END OF IF
END OF IF
END OF IF

C095_ (RATE EYESIGHT in section SectionC)
Is your eyesight excellent, very good, good, fair, or poor - - using glasses or corrective lens as needed?
1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

C096_ (RATE DISTAL VISION in section SectionC)
How good is your eyesight for seeing things at a distance, like recognizing a friend across the street - - using glasses or corrective lens as needed?
1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

C097_ (RATE NEAR VISION in section SectionC)
How good is your eyesight for seeing things up close, like reading ordinary newspaper print - - using glasses or corrective lens as needed?
1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

IF A019_RAge > 64 THEN
 IF z076 = NO OR (z076 = YES AND Z112 != 2) THEN
  IF z076 = NO OR (z076 = YES AND Z112 != 1) THEN
   Fill code of question FLC098 executed

   C098_ (Cataract surgery in section SectionC)
   (Have you ever had cataract surgery?/Have you had cataract surgery since ˆz092, ˆz093?)
   1 Yes

5 No

IF C098_ = YES THEN

C099_ (CATARACT SURGERY ON ONE OR BOTH EYES in section SectionC)
Have you had cataract surgery on both eyes, or just one?
1 One eye only
2 Both eyes

C100_ (CATARACT IMPLANT LENS in section SectionC)
Did the cataract surgery (on either eye) include implanting a lens?
1 Yes
5 No
END OF IF
ELSEIF (z076 = YES AND Z112 = 1) THEN

C284_ (CATARACT SURGERY IN OTHER EYE in section SectionC)
Our records from your survey in(January/February/March/April/May/June/July/August/September/October/Nove
(INTERVIEW YEAR PREVIOUS WAVE()) show that you have had cataract surgery
in one eye. Since then have you had cataract surgery in the other eye?
1 Yes
5 No
END OF IF
END OF IF

IF Z076 = NO OR (Z076 = YES AND Z089 != 1) THEN

C101_ (GLAUCOMA in section SectionC)
Has a doctor ever treated you for glaucoma?

(DEF: Medical doctors include specialists such as Dermatologists, Psychiatrists,
Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists
and physicians' assistants. Also include diagnoses made by Nurses and Nurse
Practitioners.)
1 Yes
5 No
END OF IF
END OF IF

IF z076 = NO OR (z076 = YES AND c235 != 1) THEN

C237_ (LOST PERMANENT TEETH in section SectionC)
This question is about your teeth.

Have you lost all of your upper and lower natural permanent teeth?
1 Yes
5 No

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IF z076 = NO OR (z076 = YES AND Z090 != 1) THEN

C102_ (WEAR HEARING AID in section SectionC)
Do you ever wear a hearing aid?
1 Yes
5 No

Fill code of question FLC103 executed

C103_ (RATE HEARING in section SectionC)
Is your hearing excellent, very good, good, fair, or poor(using a hearing aid as usual)?
1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

C083_ (TROUBLE FALLING ASLEEP in section SectionC)
How often do you have trouble falling asleep?
1 Most of the time
2 Sometimes
3 Rarely or never

C084_ (TROUBLE WAKING UP DURING NIGHT in section SectionC)
How often do you wake up during the night?
1 Often
2 Sometimes
3 Rarely or never

C085_ (TROUBLE WAKING UP TOO EARLY in section SectionC)
How often do you have trouble with waking up too early and not being able to fall asleep
again?
1 Most of the time
2 Sometimes
3 Rarely or never

C086_ (FEEL RESTED IN MORNING in section SectionC)
How often do you feel really rested when you wake up in the morning?
1 Most of the time
2 Sometimes
3 Rarely or never

C289_ (how often snore in section SectionC)
In the past 12 months, how often did you snore while you were sleeping?

If you're not sure, please tell us how often you think it happened.
0 Never
1 Rarely (1-2 nights per week)
2 Occasionally (3-4 nights per week)
3 Frequently (5 or more nights per week)

IF C289_ != 0 AND C289_ != 1 THEN
> **C290_** (how often snort, gasp in section SectionC)
> In the past 12 months, how often did you snort, gasp or stop breathing while you were sleeping?
>
> If you're not sure, please tell us how often you think it happened.
> 0 Never
> 1 Rarely (1-2 nights per week)
> 2 Occasionally (3-4 nights per week)
> 3 Frequently (5 or more nights per week)

END OF IF

Fill code of question FLC291 executed

C291_ (ever told have sleep disorder in section SectionC)
(Last time we asked, you indicated that you have a sleep disorder. Do you still have that disorder?/Since we asked in ˆZ092, ˆZ093, has a doctor or other health professional told you that you have a sleep disorder?/Have you ever been told by a doctor or other health professional that you have a sleep disorder?)
1 Yes
5 No

IF C291_ = YES THEN
> GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN
>
> > **C292_** (what sleep disorder in section SectionC)
> > What was the sleep disorder?
> > 1 Sleep apnea
> > 2 Insomnia
> > 3 Restless legs
> > 4 Narcolepsy
> > 7 Other, please specify:
> >
> > **C295_** (other sleep disorder in section SectionC)
> > STRING

END OF IF

IF c289_ IN (2,3) OR c290_ IN (2,3) OR c291_ = 1 THEN
  Fill code of question FLC296 executed

  C296_ (any treatmen for sleeping, snoring problem in section SectionC)
  In the past year have you had any treatments for your (sleep/ and /snoring/sleep/snoring) problem?
  1 Yes
  5 No

  IF c296_ = YES THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    C293_ (sleep treatments received in section SectionC)
    What treatment(s) have you had? Please check all that apply.
    1 Oxygen
    2 Positive air pressure device such as a CPAP or BIPAP
    3 Surgery of the nose or throat
    4 A device to help position your jaw
    5 Nerve stimulation of the tongue
    6 Adhesive strips with or without medication
    11 Medications
    7 Any other treatments, please specify:

    C294_ (other sleep treatment in section SectionC)
    STRING

    END OF GROUP
  END OF IF
END OF IF

IF z287 = 1 THEN
  C305_ (time go to bed on weekdays in section SectionC)
  What time do you usually go to bed and start trying to fall asleep on **weekdays or work days**?

  If you are taking this survey on a smart device, you may need to press the 'x' in the lower right corner of the screen to continue after selecting a time.
  TIME

  C308_ (time go to bed on weekends in section SectionC)

What time do you usually go to bed and start trying to fall asleep **on weekends**?

If you are taking this survey on a smart device, you may need to press the 'x' in the lower right corner of the screen to continue after selecting a time.
TIME

C311_ (time wake up on weekdays in section SectionC)
What time do you usually wake up **on weekdays or work days**?

If you are taking this survey on a smart device, you may need to press the 'x' in the lower right corner of the screen to continue after selecting a time.
TIME

C314_ (time wake up on weekends in section SectionC)
What time do you usually wake up **on weekends**?

If you are taking this survey on a smart device, you may need to press the 'x' in the lower right corner of the screen to continue after selecting a time.
TIME
END OF IF

C104_ (TROUBLED WITH PAIN in section SectionC)
Are you often troubled with pain?
1 Yes
5 No

IF C104_ = YES THEN
C105_ (DEGREE PAIN MOST OF TIME in section SectionC)
How bad is the pain most of the time?
1 Mild
2 Moderate
3 Severe

C106_ (DOES PAIN LIMIT ACTIVITIES in section SectionC)
Does the pain make it difficult for you to do your usual activities such as household chores or work?
1 Yes
5 No
END OF IF

C287_ (OTC MEDICATIONS in section SectionC)
The next questions are about pain medications.

Over-the-counter pain medications include such things as Advil, Aleve, Tylenol, aspirin

or similar medications. In the past three months have you taken any over-the-counter pain medications for the treatment of pain?
1 Yes
5 No

C288_ (OPIOID MEDICATIONS in section SectionC)
Another class of pain medications, called "opioids", includes such things as Vicodin, Oxy-Contin, codeine, morphine, or similar medications. In the past three months, have you taken any opioid pain medications?
1 Yes
5 No

IF z076 = YES AND c231 > 0 THEN

ELSEIF z076 = NO OR z076 = YES THEN
  C107_ (OTHER MEDICAL CONDITIONS in section SectionC)
  Are there any medical diseases or conditions that are important to your health now, that we have not asked about?
  1 Yes
  5 No

  IF C107_ = YES THEN
    C108S (OTHER MEDICAL CONDITIONS - SPECIFY in section SectionC)
    What are they?
    STRING
  END OF IF
END OF IF

IF z076 = NO OR (z076 = YES AND c234 != 1) THEN
  Fill code of question FLC278 executed

  C278_ (HAD PNEUMONIA VACCINATION in section SectionC)
  The next few questions are about medical tests or procedures that you may have had.

  (Have you ever had a pneumonia vaccination?/Since ˆz092, ˆz093, have you had a pneumonia vaccination?)
  1 Yes
  5 No

  Fill code of question FLC109 executed

  C109_ (PREVENTATIVE FLU SHOT SINCE PREV WAVE in section SectionC)
  The next few questions are about medical tests or procedures that you may have had.

  (In the last two years/Since we last asked you in ˆz092, ˆz093), have you had any

of the following medical tests or procedures?

A flu shot?(DEF: A flu shot may now be given by a mist in the nose)
1 Yes
5 No

Fill code of question FLC110 executed

C110_ (CHOLESTEROL TEST SINCE PREV WAVE in section SectionC)
(In the last two years/Since we last asked you in ˆz092, ˆz093), have you had any of the following medical tests or procedures?

A blood test for cholesterol?
1 Yes
5 No

IF X060ASex(1) = 2 THEN

C112_ (MAMMOGRAM/XRAY OF BREAST SINCE PREV WAVE in section SectionC)
(In the last two years/Since we last asked you in ˆz092, ˆz093), have you had any of the following medical tests or procedures?

A mammogram or x-ray of the breast, to search for cancer
1 Yes
5 No

C113_ (PAP SMEAR SINCE PREV WAVE in section SectionC)
(In the last two years/Since we last asked you in ˆz092, ˆz093), have you had any of the following medical tests or procedures?

A PAP Smear
1 Yes
5 No

IF z076 = NO OR (z076 = YES AND Z256 != 1) THEN

C249_ (HAD HYSTERECTOMY in section SectionC)
Have you ever had a hysterectomy, that is, surgery to remove your uterus or womb?
1 Yes
5 No

IF C249_ = YES THEN

C250_ (HOW OLD HYSTERECTOMY in section SectionC)
How old were you when you had your hysterectomy?
RANGE 1..120

IF C250_ ≥ 45 THEN

C251_ (HYSTERECTOMY AFTER LAST MENSTRUAL PERIOD in section SectionC)
Did you have your hysterectomy after your last menstrual period, that is, after you went through menopause?
1 Yes
5 No

IF C251_ = YES THEN

C253_ (HOW OLD FINISHED MENOPAUSE in section SectionC)
About how old were you when you finished going through menopause, that is, had your last menstrual period?
39 Under 40
40 40 - 59
60 60 or older
97 Still having menstrual periods

IF C253_ = EMPTY THEN

C254_ (MENOPAUSE AGE 50 in section SectionC)
Were you older than age 50, younger than 50, or what?
1 Older than age 50
2 About age 50
3 Younger than 50

IF C254_ = 1 THEN

C256_ (MENOPAUSE AGE 55 in section SectionC)
Were you older than age 55, younger than 55, or what?
1 Older than age 55
2 About age 55
3 Younger than 55

ELSEIF C254_ = 5 THEN

C255_ (MENOPAUSE AGE 45 in section SectionC)
Were you older than age 45, younger than 45, or what?
1 Older than age 45
2 About age 45
3 Younger than 45

END OF IF

END OF IF

END OF IF

END OF IF

ELSEIF C249_ != YES THEN

IF z076 = NO OR (z076 = YES AND Z257 != 1) THEN

IF A019_RAge < 55 THEN

C252_ (PHASE OF MENOPAUSE in section SectionC)
Regarding menopause, do you think you are without a sign, just beginning, in the middle, near the end, or all through?
1 Without a sign
2 Just beginning
3 In the middle
4 Near the end
5 All through
END OF IF

IF C252_ = 5 OR A019_RAge > 54 THEN
C253_ (HOW OLD FINISHED MENOPAUSE in section SectionC)
About how old were you when you finished going through menopause, that is, had your last menstrual period?
39 Under 40
40 40 - 59
60 60 or older
97 Still having menstrual periods

IF C253_ = EMPTY THEN
C254_ (MENOPAUSE AGE 50 in section SectionC)
Were you older than age 50, younger than 50, or what?
1 Older than age 50
2 About age 50
3 Younger than 50

IF C254_ = 1 THEN
C256_ (MENOPAUSE AGE 55 in section SectionC)
Were you older than age 55, younger than 55, or what?
1 Older than age 55
2 About age 55
3 Younger than 55
ELSEIF C254_ = 5 THEN
C255_ (MENOPAUSE AGE 45 in section SectionC)
Were you older than age 45, younger than 45, or what?
1 Older than age 45
2 About age 45
3 Younger than 45
END OF IF
END OF IF
END OF IF
END OF IF
END OF IF

| END OF IF
ELSE
| Fill code of question FLC114 executed

| **C114_** (PROSTATE EXAM SINCE PREV WAVE in section SectionC)
| (In the last two years/Since we last asked you in ^z092, ^z093), have you had any of the following medical tests or procedures?

| A PSA blood test or other examination to test for prostate cancer?
| 1 Yes
| 5 No
END OF IF

C279_ (COLONASCOPY SINCE PREV WAVE in section SectionC)
Now please think about the last **four years**.

In the last four years have you had a colonoscopy, sigmoidoscopy or other screening for colon cancer?

(DEF: A sigmoidoscopy is similar to a colonoscopy, but a shorter flexible tube is placed in the rectum and only the last part of the bowel is examined)
1 Yes
5 No
END OF IF

Fill code of question FL_c223 executed

C223_ (HOW OFTEN VIGOROUS ACTIVITY in section SectionC)
We would like to know the type and amount of physical activity involved in your daily life.

How often do you take part in sports or activities that are vigorous, such as running or jogging, swimming, cycling, aerobics or gym workout, tennis, or digging with a spade or shovel?
7 (Every day)
1 More than once a week
2 Once a week
3 One to three times a month
4 Hardly ever or never

C224_ (HOW OFTEN MODERATE ACTIVITY in section SectionC)
And how often do you take part in sports or activities that are moderately energetic, such as gardening, cleaning the car, walking at a moderate pace, dancing, floor or stretching exercises?
1 More than once a week

2 Once a week
3 One to three times a month
4 Hardly ever or never

C225␣ (HOW OFTEN MILD ACTIVITY in section SectionC)
And how often do you take part in sports or activities that are mildly energetic, such as vacuuming, laundry, home repairs?
1 More than once a week
2 Once a week
3 One to three times a month
4 Hardly ever or never

IF z287 = 1 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

C301␣ (minutes spend on feet in section SectionC)
About how much time do you usually spend on your feet - for example, standing, walking, etc. - on a typical day? This can include time at work, at home or somewhere else, or getting to and from places.

RANGE 0..1440

C302␣ (hours spend on feet in section SectionC)
OR

RANGE 0..24

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

C303␣ (minutes spend sitting in section SectionC)
How much time do you usually spend sitting on a typical day? Again, this can include time at work, at home or somewhere else, getting to and from places, or with friends or family. Do not include time spent sleeping.

RANGE 0..1440

C304␣ (hours spend sitting in section SectionC)
OR

RANGE 0..24

END OF GROUP

END OF IF

IF Z076 = YES THEN
  IF z205_previous = 1 AND z231_previous = 2 THEN
    Fill code of question FLC120 executed

    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    previous_C120_ (AGE START SMOKING PREVIOUS WAVE in section SectionC)
    (In a prior survey (in ˆz092, ˆz093) you indicated that you have smoked cigarettes.

)About how old were you when you started smoking?
    RANGE 0..96

    previous_C121_ (YR STARTED SMOKING PREVIOUS WAVE in section SectionC)
    OR
    RANGE 1880..(())

    previous_C122_ (YRS AGO STARTED SMOKING PREVIOUS WAVE in section SectionC)
    OR
    RANGE 0..96

    END OF GROUP

    IF previous_C118 = EMPTY THEN
      Fill code of question FLC118 executed

      previous_C118 (NUM CIGARETTES SMOKED PER DAY PREVIOUS WAVE in section PreloadC)
      (In a prior survey (in ˆz092, ˆz093) you indicated that you have smoked cigarettes.

      About how many cigarettes or packs did you usually smoke in a day then?

      /About how many cigarettes or packs do you usually smoke in a day now?

)There are 20 cigarettes in a pack.

      This question refers to cigarette smoking only.
      RANGE 0..100
    END OF IF
  ELSEIF z205_previous = 5 AND previous_Z231_temp2 = 1 AND z232_previous = 2 THEN

Fill code of question FLC125 executed

previous_C125_ (YRS AGO STOP SMOKING PREVIOUS WAVE in section SectionC)
(In a prior survey (in ˆz092, ˆz093) you indicated that you had stopped smoking cigarettes.

)About how many years ago did you stop smoking?
RANGE 1..96

previous_C126_ (YR STOP SMOKING PREVIOUS WAVE in section SectionC)
OR
RANGE 1880..(())

previous_C127_ (AGE STOP SMOKING PREVIOUS WAVE in section SectionC)
OR
RANGE 1..96

IF previous_C123 = EMPTY THEN

Fill code of question FLC123 executed

previous_C123 (NUM CIGS PER DAY- WHEN SMOKED MOST PREVIOUS WAVE in section SectionC)
(In a prior survey (on ˆz092, ˆz093) you indicated that you have smoked cigarettes.

)When you were smoking the most, about how many cigarettes or packs did you usually smoke in a day?

There are 20 cigarettes in a pack.

This question refers to cigarette smoking only.
RANGE 0..100

END OF IF

ELSEIF Z231_temp1 = 1 AND previous_z076 != 1 AND z205_previous = 5 THEN

IF z231_previous = 2 THEN

Fill code of question FLC120 executed

previous_C120_ (AGE START SMOKING PREVIOUS WAVE in section SectionC)
(In a prior survey (in ˆz092, ˆz093) you indicated that you have smoked cigarettes.

)About how old were you when you started smoking?
RANGE 0..96

previous_C121_ (YR STARTED SMOKING PREVIOUS WAVE in section SectionC)
OR
RANGE 1880..(())

previous_C122_ (YRS AGO STARTED SMOKING PREVIOUS WAVE in section SectionC)
OR
RANGE 0..96

IF z232_previous = 2 THEN
Fill code of question FLC125 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

previous_C125_ (YRS AGO STOP SMOKING PREVIOUS WAVE in section SectionC)
(In a prior survey (in ˆz092, ˆz093) you indicated that you had stopped smoking cigarettes.

)About how many years ago did you stop smoking?
RANGE 1..96

previous_C126_ (YR STOP SMOKING PREVIOUS WAVE in section SectionC)
OR
RANGE 1880..(())

previous_C127_ (AGE STOP SMOKING PREVIOUS WAVE in section SectionC)
OR
RANGE 1..96

IF previous_C123 = EMPTY THEN

Fill code of question FLC123 executed

previous_C123 (NUM CIGS PER DAY- WHEN SMOKED MOST PREVIOUS WAVE in section SectionC)
(In a prior survey (on ^z092, ^z093) you indicated that you have smoked cigarettes.

)When you were smoking the most, about how many cigarettes or packs did you usually smoke in a day?

There are 20 cigarettes in a pack.

This question refers to cigarette smoking only.
RANGE 0..100

END OF IF
END OF IF

C117_ (SMOKE CIGARETTES NOW in section SectionC)
Do you smoke cigarettes now?

(DEF: Do not include pipes, or cigars, or e-cigarettes.)
1 Yes
5 No

IF C117_ != YES AND z205_previous = 1 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

C125_ (YRS AGO STOP SMOKING in section SectionC)
About how many years ago did you stop smoking?
RANGE 1..96

C126_ (YR STOP SMOKING in section SectionC)
OR
RANGE 1880..(())

C127_ (AGE STOP SMOKING in section SectionC)
OR
RANGE 1..96

END OF GROUP

C123_ (NUM CIGS PER DAY- WHEN SMOKED MOST in section SectionC)
When you were smoking the most, about how many cigarettes or packs did you usually smoke in a day?

There are 20 cigarettes in a pack.

This question refers to cigarette smoking only.
RANGE 0..100

ELSEIF C117_ = YES THEN
IF z205_previous = 1 THEN
|
ELSE
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

C120_ (AGE START SMOKING in section SectionC)
About how old were you when you started smoking?
RANGE 0..96

C121_ (YR STARTED SMOKING in section SectionC)
OR
RANGE 1880..(())

C122_ (YRS AGO STARTED SMOKING in section SectionC)
OR
RANGE 0..96

END OF GROUP
END OF IF

C118_ (NUM CIGARETTES SMOKED PER DAY in section SectionC)
About how many cigarettes or packs do you usually smoke in a day now?

There are 20 cigarettes in a pack.

This question refers to cigarette smoking only.
RANGE 0..100
END OF IF
ELSE
C116_ (EVER SMOKE in section SectionC)
Have you ever smoked cigarettes?

(DEF: By "ever smoked cigarettes" we mean more than 100 cigarettes in your life-time. Do not include pipes, cigars, or e-cigarettes.)
1 Yes
5 No

IF C116_ = 1 THEN

Fill code of question FLC120 executed

C120_ (AGE START SMOKING in section SectionC)
About how old were you when you started smoking?
RANGE 0..96

C121_ (YR STARTED SMOKING in section SectionC)
OR
RANGE 1880..(())

C122_ (YRS AGO STARTED SMOKING in section SectionC)
OR
RANGE 0..96

C117_ (SMOKE CIGARETTES NOW in section SectionC)
Do you smoke cigarettes now?

(DEF: Do not include pipes, or cigars, or e-cigarettes.)
1 Yes
5 No

IF C117_ = YES THEN
   C118_ (NUM CIGARETTES SMOKED PER DAY in section SectionC)
   About how many cigarettes or packs do you usually smoke in a day now?

   There are 20 cigarettes in a pack.

   This question refers to cigarette smoking only.
   RANGE 0..100
ELSEIF C117_ != YES THEN
   GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

   C125_ (YRS AGO STOP SMOKING in section SectionC)
   About how many years ago did you stop smoking?
   RANGE 1..96

   C126_ (YR STOP SMOKING in section SectionC)
   OR
   RANGE 1880..(())

   C127_ (AGE STOP SMOKING in section SectionC)

OR
RANGE 1..96

END OF GROUP

Fill code of question FLC123 executed

C123_ (NUM CIGS PER DAY- WHEN SMOKED MOST in section SectionC)
When you were smoking the most, about how many cigarettes or packs did you usually smoke in a day?

There are 20 cigarettes in a pack.

This question refers to cigarette smoking only.
RANGE 0..100
END OF IF
END OF IF
END OF IF

C128_ (EVER DRINK ALCOHOL in section SectionC)
Do you ever drink any alcoholic beverages such as beer, wine, or liquor?
1 Yes
3 Never have used alcohol
5 No

IF C128_ = YES THEN
  C129_ (NUMBER DAYS PER WEEK- DRINK ALCOHOL in section SectionC)
  In the last three months, on average, how many days per week have you had any alcohol to drink?(For example, beer, wine, or any drink containing liquor.)
  RANGE 0..7

  IF C129_ > 0 THEN
    C130_ (NUMBER DRINKS- PER DAY in section SectionC)
    In the last three months, on the days you drink, about how many drinks do you have?
    RANGE 0..15

    C131_ (BINGE DRINKING in section SectionC)
    In the last three months, on how many days have you had four or more drinks on one occasion?
    RANGE 0..92
  END OF IF
END OF IF

IF C128_ = 3 THEN

C134_ := 6
ELSEIF Z076 = YES AND (C128_ = YES OR Z254 = 1) THEN
  C134_ := 2
ELSEIF z076 = YES AND Z254 = 5 THEN
  C134_ := 6
ELSEIF C128_ = YES THEN
  C134_ := 2
ELSE
  C134_ (HAD 12+ DRINKS OF ALCOHOL OVER ENTIRE LIFE in section SectionC)
  In your entire life, have you had at least 12 drinks of any type of alcoholic beverage?
  1 Yes
  5 No
END OF IF

IF z076 = NO AND C134_ IN (1,2) AND c128_ != 3 THEN
  C135_ (R FELT NEED TO CUT DOWN DRINKING in section SectionC)
  Have you ever felt that you should cut down on drinking?
  1 Yes
  5 No

  C136_ (FELT ANNOYED BY CRITICISM ABOUT DRINKING in section SectionC)
  Have people ever annoyed you by criticizing your drinking?
  1 Yes
  5 No

  C137_ (GUILT OVER DRINKING in section SectionC)
  Have you ever felt bad or guilty about drinking?
  1 Yes
  5 No

  C138_ (EVER DRINK IN THE MORNING in section SectionC)
  Have you ever taken a drink first thing in the morning to steady your nerves or get rid of
  a hangover?
  1 Yes
  5 No
END OF IF

C139_ (WEIGHT IN POUNDS in section SectionC)
About how much do you weigh?
RANGE 50..600

IF z076 = NO THEN

C140_ (WEIGHT GAIN/LOSS 10 LBS. SINCE PREV WAVE in section SectionC)
Have you gained or lost ten or more pounds in the last 2 years?
1 Yes, gained
2 Yes, lost
3 Yes, gained and lost
4 No
END OF IF

IF z076 = NO OR (z076 = YES AND Z093 < 2004) THEN
Fill code of question FLC226 executed

C226_ (MOST EVER WEIGH- POUNDS in section SectionC)
Up to the present time, what is the most you have ever weighed?(

Please do not include weight during pregnancy.)
RANGE 50..400

IF C226_ = RESPONSE THEN
C228_ (MOST EVER WEIGH- WHAT AGE in section SectionC)
How old were you then?

If you don't know your exact age, please make your best guess.
RANGE 0..120
END OF IF
END OF IF

IF z076 = NO THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

C141_ (HEIGHT FEET in section SectionC)
About how tall are you?
RANGE 3..7

C142_ (HEIGHT INCHES in section SectionC)
RANGE 0.00..11.00

END OF GROUP
END OF IF

IF z076 = NO OR (z076 = YES AND c234 != 1) THEN
Fill code of question FLC143 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

C143_intro (Section SectionC)
(Have you had any of the following persistent or troublesome problems?/Since ˆz092,
ˆz093, have you had any of the following persistent or troublesome problems?)

C143_ (SWELLING FEET/ANKLES in section SectionC)
Persistent swelling in your feet or ankles?
1 Yes
5 No

C144_ (SHORTNESS OF BREATH in section SectionC)
Shortness of breath while awake?
1 Yes
5 No

C145_ (EVER BEEN DIZZY in section SectionC)
Persistent dizziness or lightheadedness?
1 Yes
5 No

C146_ (BACK PAIN OR PROBLEMS in section SectionC)
Back pain or problems?
1 Yes
5 No

C147_ (PERSISTENT HEADACHE in section SectionC)
Have you had persistent headaches?
1 Yes
5 No

C148_ (SEVERE FATIGUE in section SectionC)
Severe fatigue or exhaustion?
1 Yes
5 No

C149_ (PERSISTENT COUGH/WHEEZE/PHLEGM in section SectionC)
Persistent wheezing, cough, or bringing up phlegm?
1 Yes
5 No

IF A167_A028 != YES THEN

> **C229_** (DAYS IN BED in section SectionC)
> Aside from any hospital or nursing home stays, about how many days did you stay in bed more than half the day because of illness or injury during the last month?
>
> Please enter 0 for none.
> RANGE 0..31

END OF IF

C150_ (FELT DEPRESSED IN PAST YR in section SectionC)
We'd like to know how you've been feeling over the past year.

During the last 12 months, was there ever a time when you felt sad, blue, or depressed for two weeks or more in a row?
1 Yes
5 No
3 I did not feel depressed because I was on anti-depressant medication

IF C150_ = 1 THEN

> **C151_** (DEPRESSED WHAT PORTION OF DAY in section SectionC)
> Please think of the two-week period during the last 12 months when these feelings were worst.
>
> During that time did the feelings of being sad, blue, or depressed usually last all day long, most of the day, about half the day, or less than half the day?
> 1 All day long
> 2 Most of the day
> 3 About half the day
> 4 Less than half the day

> IF C151_ = 1 OR C151_ = 2 THEN

>> **C152_** (DEPRESSED EVERY DAY in section SectionC)
>> During those two weeks, did you feel this way every day, almost every day, or less often than that?
>> 1 Every day
>> 2 Almost every day
>> 3 Less often

>> IF C152_ = 1 OR C152_ = 2 THEN

>>> **C153_** (LOSS OF INTEREST in section SectionC)
>>> During those two weeks, did you lose more interest in things than is usual for you?
>>> 1 Yes

5 No

C154_ (FEELING TIRED in section SectionC)
Thinking about those same two weeks, did you ever feel more tired out or low in energy than is usual for you?
1 Yes
5 No

C155_ (LOSE APPETITE in section SectionC)
During those same two weeks, did you lose your appetite?
1 Yes
5 No

IF C155_ != YES THEN
  C156_ (APPETITE INCREASE in section SectionC)
  Did your appetite increase during those same two weeks?
  1 Yes
  5 No
END OF IF

C157_ (TROUBLE FALL ASLEEP in section SectionC)
Did you have more trouble falling asleep than you usually do during those two weeks?
1 Yes
5 No

IF C157_ = YES THEN
  C158_ (FREQ OF TROUBLE FALLING ASLEEP in section SectionC)
  Did that happen every night, nearly every night, or less often during those two weeks?
  1 Every night
  2 Nearly every night
  3 Less often
END OF IF

C159_ (TROUBLE CONCENTRATING in section SectionC)
During that same two-week period, did you have a lot more trouble concentrating than usual?
1 Yes
5 No

C160_ (FEELING DOWN ON YOURSELF in section SectionC)
People sometimes feel down on themselves, and no good or worthless. During that two-week period, did you feel this way?
1 Yes

5 No

C161_ (THOUGHTS ABOUT DEATH in section SectionC)
Did you think a lot about death - - either your own, someone else's, or death in general - - during those two weeks?
1 Yes
5 No

IF C153_ = YES OR C154_ = YES OR C155_ = YES OR (C155_ != YES AND C156_ = YES) OR C157_ = YES OR C159_ = YES OR C160_ = YES OR C161_ = YES THEN
  Fill code of question FLC163 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

  C163_ (DEPRESSION EPISODE LASTED-WEEKS in section SectionC)
  To review, you had two weeks in a row during the last 12 months when you were sad, blue, or depressed and also had some other feelings or problems like:

  (losing interest)(feeling tired)(lose appetite)About how many weeks altogether - - out of 52 - - did you feel this way during the last 12 months?

  RANGE 0..52

  C164_ (DEPRESSION EPISODE LASTED-MONTHS in section SectionC)
  OR
  RANGE 0..12

  C165_ (DEPRESSION EPISODE LASTED-ENTIRE YEAR in section SectionC)
  OR
  1 Entire year

END OF GROUP

C163_asked := 1

IF C163_ = 52 OR C164_ = 12 OR C165_ = 1 THEN
|
ELSE
  C166_ (MOST RECENT MO- SAD/DEPRESSED in section SectionC)
  Think about the **most recent time** when you had two weeks in a row when you felt this way.

  In what month was this (during the last 12 months)?

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

IF (C163_ = 52 OR C164_ = 12 OR C165_ = 1) AND C163_asked THEN

ELSEIF C150_ = 1 AND (C151_ = 1 OR C151_ = 2) AND (C152_ = 1 OR C152_ = 2) THEN

ELSE
  C167_ (LOSE INTEREST- CIDI in section SectionC)
  During the last 12 months, was there ever a time lasting two weeks or more when you
  lost interest in most things like hobbies, work, or activities that usually give you pleasure?
  1 Yes
  5 No

  IF C167_ = YES THEN
    C168_ (LOSE INTEREST OFTEN- CIDI in section SectionC)
    Please think of the two-week period during the last 12 months when you had the most
    complete loss of interest in things.

    During that two-week period, did the loss of interest usually last all day long,
    most of the day, about half the day, or less than half the day?
    1 All day long
    2 Most of the day
    3 About half the day
    4 Less than half the day

    IF C168_ = 1 OR C168_ = 2 THEN

C169_ (LOSE INTEREST DYSFUNCTION- CIDI in section SectionC)
Did you feel this way every day, almost every day, or less often during the two weeks?
1 Every day
2 Almost every day
3 Less often

IF C169_ = 1 OR C169_ = 2 THEN
  C170_ (FEELING TIRED- CIDI in section SectionC)
  During those two weeks, did you feel tired out or low on energy all the time?
  1 Yes
  5 No

  C171_ (LOST APPETITE- CIDI in section SectionC)
  During those same two weeks, did you lose your appetite?
  1 Yes
  5 No

  IF C171_ != YES THEN
    C172_ (APPETITE INCREASE- CIDI in section SectionC)
    Did your appetite increase during those same two weeks?
    1 Yes
    5 No
  END OF IF

  C173_ (TROUBLE FALLING ASLEEP- CIDI in section SectionC)
  During those same two weeks, did you have more trouble falling asleep than you usually do?
  1 Yes
  5 No

  IF C173_ = YES THEN
    C174_ (FREQUENCY OF SLEEP TROUBLE- CIDI in section SectionC)
    Did that happen every night, nearly every night, or less often during those two weeks?
    1 Every night
    2 Nearly every night
    3 Less often
  END OF IF

  C175_ (TROUBLE CONCENTRATE- CIDI in section SectionC)
  During those two weeks, did you have more trouble concentrating than usual?
  1 Yes
  5 No

C176␣ (FEELING DOWN ON ONESELF- CIDI in section SectionC)
People sometimes feel down on themselves, no good or worthless.

Did you feel this way during that two-week period?
1 Yes
5 No

C177␣ (INTEREST IN DEATH- CIDI in section SectionC)
Did you think a lot about death during those two weeks - - either your own, someone else's, or death in general?
1 Yes
5 No

IF C170␣ = YES OR C171␣ = YES OR (C171␣ != YES AND C172␣ = YES) OR C173␣ = YES OR C175␣ = YES OR C176␣ = YES OR C177␣ = YES THEN
  Fill code of question FLC179 executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

C179␣ (DEPRESSION EPISODE LASTED-WEEKS-CIDI in section SectionC)
To review, you had two weeks in a row during the last 12 months when you lost interest in most things like hobbies, work, or activities that usually give you pleasure, and also had some other feelings or problems like:

(feeling tired)(lose appetite)(appetite increase)About how many weeks altogether - out of 52 - did you feel this way during the last 12 months?

RANGE 0..9223372036854775807

C180␣ (DEPRESSION EPISODE LASTED-MONTHS in section SectionC)
OR
RANGE 0..12

C181␣ (DEPRESSION EPISODE LASTED-ENTIRE YEAR in section SectionC)
OR
1 Entire year

END OF GROUP

IF C179␣ = 52 OR C180␣ = 12 OR C181␣ = 1 THEN
|
ELSE

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C182_ (REVIEW LOSS OF INTEREST- MOST RECENT MO in section SectionC)
Think about the most recent time when you had two weeks in a row when you felt this way.

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

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

C183_ (ASSIST SECTION C - HEALTH in section SectionC)
How often did you receive assistance with answers to these questions about your health?
1 Never
2 A few times
3 Most or all of the time

End of section **SectionC**

Start of section **PreloadD**

D190 := 1
D290 := '0'
hrscawi := 1

End of section **PreloadD**

Start of section **SectionD**

/* In this section two cognitive tests are administered: the Serial Seven subtraction task and the Word Recall task.

The data set contains a series of variables reflecting scoring for the Serial Seven subtraction task in which respondents are asked to subtract 7 from a starting number (100) several times. They are the following:

- d142_ok: result of first subtraction. Takes a value of 1 (correct), 5 (incorrect) or empty (no answer given). Answer is considered correct if it equals 100 - 7.

- d143_ok: result of second subtraction. Takes a value of 1 (correct), 5 (incorrect) or empty (no answer given). Answer is considered correct if answer equals d142 - 7.

- d144_ok: result of third subtraction. Takes a value of 1 (correct), 5 (incorrect) or empty (no answer given). Answer is considered correct if answer equals d143 - 7.

- d145_ok: result of fourth subtraction. Takes a value of 1 (correct), 5 (incorrect) or empty (no answer given). Answer is considered correct if answer equals d144 - 7.

- d146_ok variables: result of fifth subtraction. Takes a value of 1 (correct), 5 (incorrect) or empty (no answer given). Answer is considered correct if answer equals d145 - 7.

- serialseven: contains the number of correct answers.

The data set also contains a series of variables related to the Word Recall task. Respondents are presented with a list of words, which they are then asked to recall at two points within the the survey; one directly after seeing the list and one after having answered several other questions. The exact word list that they see is captured in variable WordListValue. It takes one of the following values:

- 1 Word list 1

- 2 Word list 2

- 3 Word list 3

- 4 Word list 4

The variables containing the scoring are the following:

- d106_score: the number of correctly recalled words for the first recall (directly following presentation of the list) via an automatic check during survey administration.

- recall1_score: the number of correctly recalled words (immediate recall directly following presentation of the list) once a manual verification has been completed (e.g. to account for minor misspellings).

- d148_score: the number of correctly recalled words for the second recall (after having answered several other questions) via an automatic check during survey administration.

○ recall2_score: the number of correctly recalled words for the second recall (delayed recall after having answered several other questions) once a manual verification has been completed (e.g. to account for minor misspellings).

*/

D101 (RATE MEMORY in section SectionD)
Now we would like to ask some questions concerned with people's memory, and ability to think about things.

First, how would you rate your memory at the present time?
1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

Fill code of question FLD102 executed

D102 (RATE MEMORY COMPARED TO PAST in section SectionD)
Compared to (ˆZ092, ˆZ093/two years ago), would you say your memory is better now, about the same, or worse than it was then?
1 Better
2 Stayed the same
3 Worse

IF WordListValue = EMPTY THEN
  WordListValue := mt_rand(1,4)
END OF IF

D103 (Section SectionD)
Next, we'll display a total of 10 words, one at a time, and ask you to recall as many as you can. We have purposely made the list long so that it will be difficult for anyone to recall all the words - - most people recall just a few. Please pay careful attention as the words are displayed because they will not be repeated. After all of the words have been displayed, I we will ask you to type as many of the words as you can recall, in any order.

Please click "Next" when you are ready to begin.

Fill code of question FL_D104Word executed

wr002 (Section SectionD)

Please click "Next" to continue.

D106 (word recall 1 open in section SectionD)
Now please type the words you can recall in the box below, separating each word with a space.
STRING

D106_dkrf (dk/rf word recall 1 open in section SectionD)

97 I don't remember any words
98 I don't want to try and remember any words

IF D106 = RESPONSE THEN
D106_score := getCorrectWordCount(1, WordListValue, D106)
ELSE
D183 := 12
D106_score := getCorrectWordCount(1, WordListValue, D106)
END OF IF

D110_intro (CESD - FELT DEPRESSED IN PAST WEEK in section SectionD)
Now think about the past week and the feelings you have experienced. Please tell us if each of the following was true for you much of the time during the past week.

D110 (CESD - FELT DEPRESSED IN PAST WEEK in section SectionD)
Much of the time during the past week, you felt depressed.
1 Yes
5 No

D111 (CESD - EVERYTHING WAS EFFORT IN PAST WK in section SectionD)
You felt that everything you did was an effort.
1 Yes
5 No

D112 (CESD - SLEEP WAS RESTLESS IN PAST WEEK in section SectionD)
Your sleep was restless.

1 Yes
5 No

D113 (CESD - HAPPY IN PAST WEEK in section SectionD)
You were happy.
1 Yes
5 No

D114 (CESD - FELT LONELY IN PAST WEEK in section SectionD)
You felt lonely.
1 Yes
5 No

D115 (CESD - ENJOYED LIFE IN PAST WEEK in section SectionD)
You enjoyed life.
1 Yes
5 No

D116 (CESD - FELT SAD IN PAST WEEK in section SectionD)
You felt sad.
1 Yes
5 No

D117 (CESD - COULD NOT GET GOING IN PAST WEEK in section SectionD)
You could not get going.
1 Yes
5 No

END OF SUBGROUP

END OF GROUP

D142 (SERIES MINUS 7- 1 in section SectionD)
Now let's try some subtraction of numbers.

One hundred minus 7 equals what?
RANGE 0..996

IF D142 = RESPONSE THEN
  D143 (SERIES MINUS 7- 2 in section SectionD)
  This is the second subtraction.

  And 7 from that?
  RANGE 0..996

D144 (SERIES MINUS 7- 3 in section SectionD)
This is the third subtraction.

And 7 from that?
RANGE 0..996

D145 (SERIES MINUS 7- 4 in section SectionD)
This is the fourth subtraction.

And 7 from that?
RANGE 0..996

D146 (SERIES MINUS 7- 5 in section SectionD)
This is the fifth subtraction.

And 7 from that?
RANGE 0..996

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

D237 (Section SectionD)
The next two tests are meant to test for speed. Please click inside each box below as quickly as you can. When you are finished, click 'Next' to continue.

D237_log (log of D237 clicks in section SectionD)
log of D237 clicks
STRING

END OF GROUP

D238 (sentence typing in section SectionD)
Next, we would like you to type the sentence below as quickly as you can. When you are ready, please begin typing in the box, then click 'Next' when you are finished.

"The quick brown fox jumps over the lazy dog"
STRING

IF D183 != 12 AND D183 != 13 THEN
  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    D148 (Section SectionD)
    A little while ago, before you typed in the sentence in the last question, we displayed a
    list of unrelated words and you typed the ones you could remember. Please type any
    of those words that you still remember now, separating each word with a space.
    STRING

    D148_dkrf (dk/rf word recall 2 open in section SectionD)

    97 I don't remember any words
    98 I don't want to try and remember any words

  END OF GROUP

  D148_score := getCorrectWordCount(2, WordListValue, D148)
END OF IF

IF hrscawi = 1 THEN

ELSE
  IF z076 != YES OR A019_RAge ≥ 65 THEN
    D150 (COGNITION INTRO- 2 in section SectionD)
    We're interested in how memory actually works. We find that even people with very
    good memories seem to forget some things from time to time. The next questions are
    a little different, but are often asked in studies about memory.

    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

      D151 (TODAYS DATE- MONTH in section SectionD)
      Please enter today's date.
      1 January
      2 February
      3 March
      4 April
      5 May
      6 June
      7 July
      8 August
      9 September
      10 October
      11 November
      12 December

D152 (TODAYS DATE- DAY in section SectionD)
RANGE 1..31

D153 (TODAYS DATE- YEAR in section SectionD)
NUMBER (NO DECIMALS ALLOWED)

END OF GROUP

IF D151 = date("n") THEN
| D151_OK := YES
ELSE
| D151_OK := NO
END OF IF

IF D152 = date("j") THEN
| D152_OK := YES
ELSE
| D152_OK := NO
END OF IF

IF D153 = date("Y") THEN
| D153_OK := YES
ELSE
| D153_OK := NO
END OF IF

D154 (TODAYS DATE- DAY OF WEEK in section SectionD)
What is the day of the week?
0 Sunday
1 Monday
2 Tuesday
3 Wednesday
4 Thursday
5 Friday
6 Saturday

IF D154 = date("w") THEN
| D154_OK := YES
ELSE
| D154_OK := NO
END OF IF

D155 (TOOL USED TO CUT PAPER in section SectionD)
Now we are going to ask you for the names of some people and things.

What do people usually use to cut paper?
STRING

D156 (NAME OF PRICKLY DESERT PLANT in section SectionD)
What do you call the kind of prickly plant that grows in the desert?
STRING

D157 (WHO IS THE PRESIDENT OF US in section SectionD)
Who is the President of the United States right now?
STRING

D158 (WHO IS THE VICE-PRESIDENT OF US in section SectionD)
Who is the Vice President?
STRING

END OF IF

IF Z076 != YES THEN
D159 (INTRO - VOCAB WORDS in section SectionD)
Now please type the meanings of some words we will show you. Any way you want to define the word is fine.

IF randomizer_words = EMPTY THEN
randomizer_words := mt_rand(1,2)
END OF IF

Fill code of question FLWords executed

D161 (MEANING OF REPAIR/CONCEAL in section SectionD)
What is the meaning of the word **(repair)**?
STRING

D163 (MEANING OF FABRIC/ENORMOUS in section SectionD)
What is the meaning of the word **(fabric)**?
STRING

D165 (MEANING OF DOMESTIC/PERIMETER in section SectionD)
What is the meaning of the word **(domestic)**?
STRING

D167 (MEANING OF REMORSE/COMPASSION in section SectionD)
What is the meaning of the word **(remorse)**?

STRING

D169 (MEANING OF PLAGIARIZE/AUDACIOUS in section SectionD)
What is the meaning of the word **(plagiarize)**?
STRING
END OF IF
END OF IF

IF Z076 != YES OR D190 = 0 THEN
D178 (CHANCE GET DISEASE in section SectionD)
Next we would like to ask you some questions which assess how people use numbers in everyday life.

If the chance of getting a disease is 10 percent, how many people out of 1,000 would be expected to get the disease?
RANGE 0..1000

D179 (LOTTERY SPLIT 5 WAYS in section SectionD)
If 5 people all have the winning numbers in the lottery and the prize is two million dollars, how much will each of them get?
RANGE 0..2000000

IF D178 = 100 AND D179 = 400000 THEN
D180 (INTEREST ON SAVINGS in section SectionD)
Let's say you have $200 in a savings account. The account earns 10 percent interest per year.

How much would you have in the account at the end of two years?
RANGE 0..9996
END OF IF
END OF IF

D171 (HOW OFTEN ASSISTANCE SECTION D in section SectionD)
How often did you receive assistance with answers to these questions about your memory and ability to think about things?
1 Never
2 A few times
3 Most or all of the time

dummy := completedWordrecall()

End of section **SectionD**

Start of section **Closing**

229

CS_001 (HOW PLEASANT INTERVIEW in section Closing)
Could you tell us how interesting or uninteresting you found the questions in this survey?
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 survey? Please type these in the box below.(If you have no comments, please click next to complete this survey.)
STRING

IF z076 = YES THEN
| dummypay := doPayoutAD(14)
ELSE
| dummypay := doPayoutAD(20)
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. */