

# UnderStandingAmericaStudy

UAS 396: HEALTH AND RETIREMENT STUDY SECTIONS A-D



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## 1 INTRODUCTION

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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

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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

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

### 1.3 Citation

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

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## 2 SURVEY RESPONSE AND DATA

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### 2.1 Sample selection and response rate

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The sample selection for this survey was:

All active respondents who 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 12979 UAS participants. Of those 12979 participants, 11568 completed the survey and are counted as respondents. Of those who are not counted as respondents, 67 started the survey without completing and 1344 did not start the survey. The preliminary overall response rate is 89.13%.

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:

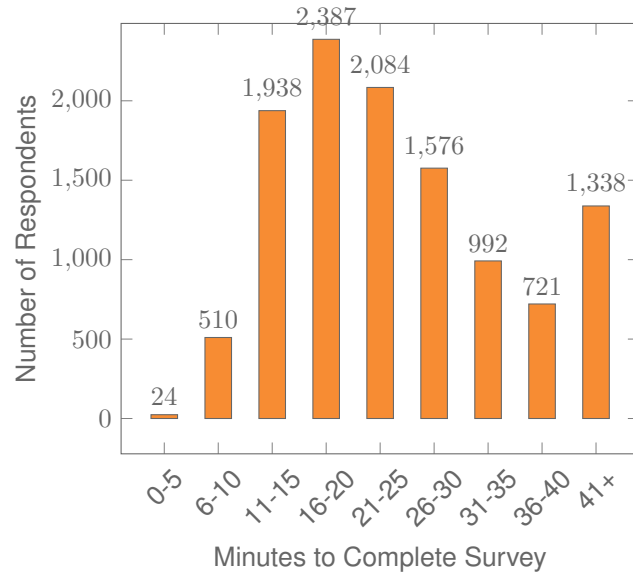
UAS396 - Response Overview	
Size of selected sample	12979
Completed the survey	11568
Started but did not complete the survey	67
Did not start the survey	1344
Response rate	89.13%

### 2.2 Timings

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All reported timings and response rate statistics are as of July 26, 2024. The survey took respondents an average of 23 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

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

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### 3 STANDARD VARIABLES

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

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

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

- **sampleframe**: 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 'sampleframe' takes on four values reflecting four distinct sample frames used by the UAS over the year (in future data sets the number of sample frames used for recruitment may increase if additional specific populations are targeted in future recruitment batches):
  1. U.S. National Territory: recruited through ABS within the entire U.S.
  2. Areas high concentration Nat Ame: recruited through ABS in areas with a high concentration of Native Americans in the zip-code. Within these batches, individuals who are not Native Americans are not invited to join the UAS.
  3. Los Angeles County: recruited through ABS within Los Angeles County.
  4. California: recruited through ABS within California.

Note: prior to March 6, 2024 this variable was called sampletype and had the following value labels for the above list in UAS data sets:

1. Nationally Representative Sample: recruited through ABS within the entire U.S.
  2. Native Americans: recruited through ABS in areas with a high concentration of Native Americans. Within these batches, individuals who are not Native Americans are not invited to join the UAS.
  3. LA County: recruited through ABS within Los Angeles County.
  4. California: recruited through ABS within California.
- **batch**: indicates the batch from which the respondent was recruited. Currently, this variable takes the following values (in future data sets the number of batches may increase as new recruitment batches are added to the UAS):
    1. ASDE 2014/01
    2. ASDE 2014/01
    3. ASDE 2014/01
    4. Public records 2015/05
    5. MSG 2015/07
    6. MSG 2016/01
    7. MSG 2016/01
    8. MSG 2016/01
    9. MSG 2016/02

10. MSG 2016/03
11. MSG 2016/04
12. MSG 2016/05
13. MSG 2016/08
14. MSG 2017/03
15. MSG 2017/11
16. MSG 2018/02
17. MSG 2018/08
18. MSG 2019/04
19. MSG 2019/05
20. MSG 2019/11
21. MSG 2020/08
22. MSG 2020/10
23. MSG 2021/02
24. MSG 2021/08
25. MSG 2021/08
26. MSG 2022/02
27. MSG 2022/02
28. MSG 2022/08
29. MSG 2022/11
30. MSG 2022/11
31. MSG 2023/01
32. MSG 2023/06
33. MSG 2023/09
34. MSG 2023/10

Note: prior to March 6, 2024 this variable had the following value labels for the above list in UAS data sets:

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
26. MSG 2022/02 Nat. Rep. Batch 17 (priority)
27. MSG 2022/02 Nat. Rep. Batch 17 (regular)
28. MSG 2022/08 Nat. Rep. Batch 18
29. MSG 2022/11 LA County Batch 6
30. MSG 2022/11 Nat. Rep. Batch 20
31. MSG 2023/01 Nat. Rep. Batch 21
32. MSG 2023/06 Nat. Rep. Batch 22
33. MSG 2023-09 Native Am. Batch 3
34. MSG 2023-10 Nat. Rep. Batch 23

- **primary\_respondent**: indicates if the respondent was the first person within the household (i.e. to become a member or whether s/he was added as a subsequent member. A household in this regard is broadly defined as anyone living together with the primary respondent. That is, a household comprises individuals who live together, e.g. as part of a family relationship (like a spouse/child/parent) or in context of some other relationship (like a roommate or tenant).
- **hardware**: indicates whether the respondent ever received hardware or not. Note: this variable should not be used to determine whether a respondent received hardware at a given point in time and/or whether s/he used the hardware to participate in a survey. Rather, it indicates whether hardware was ever provided:

1. None
  2. Tablet (includes Internet)
- **language**: the language in which the survey was conducted. This variable takes a value of 1 for English and a value of 2 for Spanish.
  - **start\_date (start\_year, start\_month, start\_day, start\_hour, start\_min, start\_sec)**: indicates the time at which the respondent started the survey.
  - **end\_date (end\_year, end\_month, end\_day, end\_hour, end\_min, end\_sec)**: indicates the time at which the respondent completed the survey.
  - **cs\_001**: indicates how interesting the respondent found the survey.

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## 4 BACKGROUND DEMOGRAPHICS

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

The following variables are available in each survey data set:

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

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

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

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

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

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

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## 5 MISSING DATA CONVENTIONS

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

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## 6 ROUTING SYNTAX

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

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

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

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

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



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## 7 SURVEY WITH ROUTING

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### Start of section **PreloadA**

```
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 questions 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 answer 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
```

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

```
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
|
|
| 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 ^z092, ^z093 you were married. Is ^preload\_x058(2) still your husband? (IWER: If your husband is no longer alive, please answer no.)/Our records show that as of ^z092, ^z093 you were married. Is ^preload\_x058(2) still your wife? (IWER: If your wife is no longer alive, please answer no.)/Our records show that as of ^z092, ^z093 you were married. Is ^preload\_x058(2) still your spouse? (IWER: If your spouse is no longer alive, please answer no.)/Our records show that as of ^z092, ^z093 you were living with a partner as if married. Is ^preload\_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

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

IF A167\_A028 = 1 THEN

**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.

END OF IF

IF A167\_A028 = 1 THEN

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 ^FLHWP living in the same nursing home or health care facility?/Are you and your ^FLHWP 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

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

**END OF GROUP**

**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 (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 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**

```

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 ^z092, ^z093 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 ^FLHWP 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"**

| **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

**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**

**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 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_SplnNHome := A212
ELSE
A033_SplnNHome (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

```

**END OF IF**

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..(())

END OF GROUP

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/November/December) (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
| | | | | | 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 (^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 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

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 ^FLHWP)( 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 you^FLOr you have children, we will ask you to list their names, sex and relationship to you^FLAnd your. 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

```
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 be-
  low 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

```

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\_childalived(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

```

```

|
| 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

```

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\_SplnNHome = 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 ^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  
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

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

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

**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?)

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 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
```

```
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

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

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 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\_SplnNHome = 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

**ChildX056AResStat** (CHILD RES in section SectionA2)

Does (CHILD 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

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

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

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\_childalived(personcounter) := ChildX065\_childalived(A2cnt)  
X065\_alive(personcounter) := X065\_childalived(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 ^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

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-

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\_SplnNHome = 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
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_SplnNHome
= 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
| |
|
|

```

END OF IF

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(^hhmembergender(a2cnt)/^hhmemberage(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))(^hhmembergender(a2cnt)/^hhmemberage(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) := hhmembgender(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

```
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      HHMem-  
berX061ARelateR(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 ^HHMemberX058AFName(A2cnt) married?/Was ^HHMem-
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
SectionA2)
(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

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 ^FLHWP/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 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

| **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 HHMemberX061ARelateR(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 ^HHMemberX058AFName(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 SectionA2)  
(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**



```

| | 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)

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**

| 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

**B103\_** (Difficulty Seeing Before Age 16 in section SectionB)  
Difficulty seeing, even with eye glasses or prescription lenses?  
1 Yes  
5 No

END OF SUBGROUP

END OF GROUP

**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

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

**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?

- 1 Yes
- 5 No

END OF SUBGROUP

END OF GROUP

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

**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

END OF SUBGROUP

END OF GROUP

**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**

**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

**END OF SUBGROUP**

**END OF GROUP**

**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



**IF B120\_ = YES THEN**

**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

**END OF IF**

**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

**IF B124\_ = YES THEN**

**B125\_** (Childhood-List Other Conditions in section SectionB)

What were these other health problems?

STRING

**END OF IF**

**IF B105\_ = YES OR B106\_ = YES OR B107\_ = YES OR B108\_ = YES OR B109\_ = YES OR B110\_ = YES OR B111\_ = YES OR B112\_ = YES OR B113\_ = YES OR B114\_ = YES OR B115\_ = YES OR B116\_ = YES OR B117\_ = YES OR B118\_ = YES THEN**

**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-

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

**IF B080\_ = YES THEN**

**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

**END OF IF**

**IF B023\_ != 7 THEN**

**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

**END OF IF**

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?

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., "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 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

**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  
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

**IF B047M = 99 THEN**

**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 (January/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 ^z092, ^z093.

)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..(())

END OF GROUP

END OF IF

**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

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
| | | 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
| | | 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
| | | 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
    |
  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

**IF Z076 = 1 THEN**

**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

**END OF IF**

Fill code of question FLC005 executed

Fill code of question FLC005A executed

Fill code of question FLC006 executed

**IF z101 = 1 THEN**

C005\_ := 1

**C006\_** (BLOOD PRESSURE MEDICATION in section SectionC)

(When we last asked you in in ^Z092, ^Z093, 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 ()

**IF C006\_ = 4 THEN**

| C005\_ := 4

**ELSEIF C006\_ = 6 THEN**

| C005\_ := 6

**END OF IF**

**ELSE**

**C005\_** (HIGH BLOOD PRESSURE in section SectionC)

(Our records from your last survey in ^Z092, ^Z093 show that you have had high blood pressure or hypertension.

Is this accurate?/Since we last asked you in ^Z092, ^Z093, 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?)



(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 ^Z092, ^Z093, 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 ^Z092, ^Z093 show that you have had diabetes or high blood sugar.

Is this accurate?/Since we last asked you in ^Z092, ^Z093, 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

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

**C285** (diabetes or pre-diabetes in section SectionC)

(When we last asked you in ^z092, ^z093, 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

END OF GROUP

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 ^z092, ^z093, 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 ^Z092, ^Z093 show that you have had cancer.

Is this accurate?/Since your last survey in ^Z092, ^Z093, 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**

|

**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 ^Z092, ^Z093/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**

```

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 ^Z092, ^Z093/During the last two years), have you re-
| ceived 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
| GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN
|
| 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/December) (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/December) (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.))

1 Yes  
5 No

**IF C024 = YES 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**

**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 ^Z092, ^Z093 show that you have had a chronic lung disease, such as chronic bronchitis or emphysema.)

Is this accurate?/Since we last asked you in ^Z092, ^Z093, 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 ^z092, ^z093, 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

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 ^Z092, ^Z093 show that you have had a heart problem.

Is this accurate?/Since we last asked you in ^Z092, ^Z093, 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 ^z092, ^z093, 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 ^z092, ^z093), 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 ^z092, ^z093), has this condition gotten better, worse, or stayed about the same?

| 1 Better

```

| 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' 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 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 ^z092, ^z093), have you had a heart attack or myocardial infarction?  
1 Yes  
5 No

**END OF IF**

**IF C040\_ = 1 OR (C258\_ ≥ 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((FICurrentYear - C261\_)

**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**

**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 ^z092, ^z093), 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 ^z092, ^z093), 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 ^z092, ^z093), 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 ^z092, ^z093), 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 ^z092, ^z093), 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 ^z092, ^z093), 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((FICurrentYear - 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

**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 ^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

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 ^z092, ^z093), 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 ^z092, ^z093), have you had surgery on your heart?

1 Yes

5 No

ELSE

**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 ^z092, ^z093), 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 ^z092, ^z093), 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 ^z092, ^z093 show that you have had a stroke. Is this correct?/Since we last asked you in ^z092, ^z093, 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

Fill code of question FLC054 executed

**C054\_** (R SEEN DOCTOR FOR STROKE in section SectionC)

(When we last asked you in ^z092, ^z093, you said that you have had a stroke.

)(In the last two years/Since ^z092, ^z093), 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

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
| | | | | 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 ^z092, ^z093 you said that you have had some emotional, nervous, or psychiatric problems. Is this correct?/Since we last asked you in ^z092, ^z093, 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 ^z092, ^z093, 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 ^z092, ^z093, 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 ^z092, ^z093 you said that you have had some problems with depression. Is this
correct?/Since we last asked you in ^z092, ^z093, 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 ^z092, ^z093, 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 ^z092, ^z093, 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 ^z092, ^z093 show that a doctor had told you that you had Alzheimer's Disease. Is this correct?/Since we last asked you in ^z092, ^z093, 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 ^z092, ^z093, 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 ^z092, ^z093, 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

**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 ^z092, ^z093 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 ^z092, ^z093, 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 ^z092, ^z093, 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 ^z092, ^z093, 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 rheumatism?/Our records from ^z092, ^z093 show that you have had arthritis. Is this correct?/Since we last asked you in ^z092, ^z093, 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 ^z092, ^z093), have you had surgery or any joint replacement because of arthritis?

- 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?

(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 ^z092, ^z093, 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 ^z092, ^z093, 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 ^z092, ^z093, 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 ^z092, ^z093)?

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 ^z092, ^z093)?  
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 ^z092, ^z093?)

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**

**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 ^z092, ^z093?)

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/November/December/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

END OF IF

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

END OF IF

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 ^Z092, ^Z093, 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 GROUP

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 treatment 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 ^z092, ^z093, 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 ^z092, ^z093), 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 ^z092, ^z093), 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 ^z092, ^z093), 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 ^z092, ^z093), 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 ^z092, ^z093) 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 ^z092, ^z093) 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

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

**previous\_C125\_** (YRS AGO STOP SMOKING PREVIOUS WAVE in section SectionC)

(In a prior survey (in ^z092, ^z093) 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

**END OF GROUP**

**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**

**ELSEIF Z231\_temp1 = 1 AND previous\_z076 != 1 AND z205\_previous = 5 THEN**

**IF 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 ^z092, ^z093) 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

END OF IF

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 ^z092, ^z093) 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

END OF GROUP

END OF IF



**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

**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**

**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 ^z092, ^z093, have you had any of the following persistent or troublesome problems?)

**SUBGROUP OF QUESTIONS**

**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

**END OF SUBGROUP**

**END OF GROUP**

END OF IF

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**

**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  $d145 - 7$ .
- seriaseven: 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.

- o 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 (^Z092, ^Z093/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 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.

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

**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

#### END OF GROUP

#### IF D106 = RESPONSE THEN

D106\_score := getCorrectWordCount(1, WordListValue, D106)

#### ELSE

D183 := 12

D106\_score := getCorrectWordCount(1, WordListValue, D106)

#### END OF IF

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

**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.

#### SUBGROUP OF QUESTIONS

**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

**IF D143 = RESPONSE THEN**

**D144** (SERIES MINUS 7- 3 in section SectionD)  
This is the third subtraction.

And 7 from that?  
RANGE 0..996

**IF D144 = RESPONSE THEN**

**D145** (SERIES MINUS 7- 4 in section SectionD)  
This is the fourth subtraction.

And 7 from that?  
RANGE 0..996

**IF D145 = RESPONSE THEN**

**D146** (SERIES MINUS 7- 5 in section SectionD)  
This is the fifth subtraction.

And 7 from that?  
RANGE 0..996

**END OF IF**

**END OF IF**

**END OF IF**

**END OF IF**

**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

/\* Respondents skip out of the D151 to D158 memory questions and the word meaning questions given that they are not asked in the web version of the Health and Retirement Study (per hrscawi). \*/

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**

**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**

| dummpay := doPayoutAD(14)

**ELSE**

| dummpay := 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. \*/*