

UnderStandingAmericaStudy

UAS 284: HEALTH INSURANCE, HEALTHCARE, AND HEALTH



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Contents

1	Introduction	3
1.1	Topics	3
1.2	Experiments	3
1.3	Citation	3
2	Survey Response And Data	4
2.1	Sample selection and response rate	4
2.2	Timings	4
2.3	Sample & Weighting	5
3	Standard Variables	6
4	Background Demographics	11
5	Missing Data Conventions	15
6	Routing Syntax	16
7	Survey with Routing	17
	Demographics	17
	introduction	17
	scenarios	21
	background	36
	Closing	41

1 INTRODUCTION

This UAS panel survey, titled "UAS 284: Health insurance, healthcare, and health", asks you questions about your health insurance, healthcare, and health. This survey is no longer in the field.

With regard to payment, respondents were paid \$6 if they were eligible to participate in the survey. Otherwise, they received \$1.

1.1 Topics

This survey contains questions (among others) on the following topics: Health, Health Insurance. A complete survey topic categorization for the UAS can be found [here](#).

1.2 Experiments

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

1.3 Citation

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

2 SURVEY RESPONSE AND DATA

2.1 Sample selection and response rate

The sample selection for this survey was:

All active respondents aged 65 or over on January 1, 2021 (except for Spanish speakers).

As such, this survey was made available to 1994 UAS participants. Of those 1994 participants, 1628 completed the survey and are counted as respondents. Of those who are not counted as respondents, 5 started the survey without completing and 361 did not start the survey. The overall response rate was 81.64%.

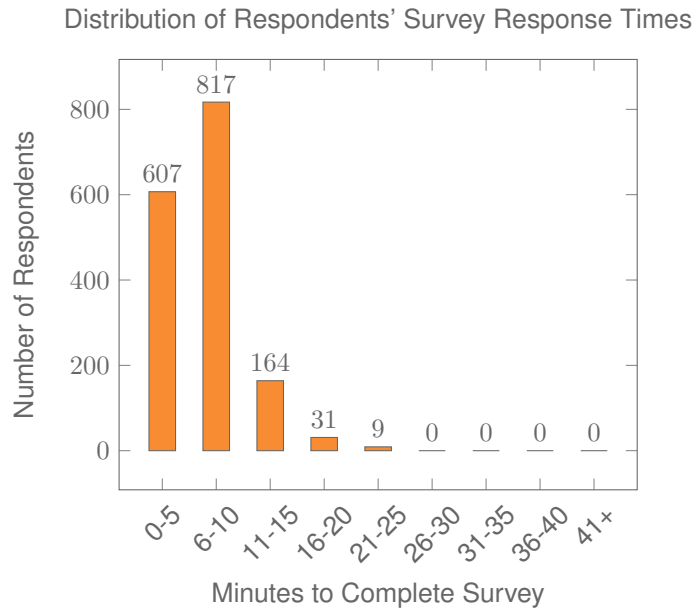
Note: We are unable to provide sample weights for a small number of UAS members (see the Sample and weighting section below for details). If they completed the survey, these members are included in the data set with a weight of zero, but accounted for in the computation of total sample size and survey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

The detailed survey response rate is as follows:

UAS284 - Response Overview	
Size of selected sample	1994
Completed the survey	1628
Started but did not complete the survey	5
Did not start the survey	361
Response rate	81.64%

2.2 Timings

The survey took respondents an average of 7 minutes, and the full distribution of survey response times is available in the figure below. Times per question are available upon request.



2.3 Sample & Weighting

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

This survey dataset may contain respondents with a weight of zero. These respondents belong to a small group of UAS members for whom sample weights cannot be computed due to non-probability recruitment for special projects. Hence, while they are accounted for in the total number of survey respondents, they do not contribute to any statistics using sample weights. More information is available from the UAS Weighting Procedure. Please contact UAS staff with any questions.

3 STANDARD VARIABLES

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

- **uasid**: the identifier of the respondent. This identifier is assigned to a respondent at recruitment and stays with the respondent throughout each and every survey he/she participates in. When analyzing data from multiple surveys, the 'uasid' can be used to merge data sets.
- **uashhid**: the household identifier of the respondent. Every member is assigned a household identifier, stored in the variable 'uashhid'. For the primary respondent this identifier equals his or her 'uasid'. All other eligible members of the primary respondent's household (everyone who is 18 or older in the household) who become UAS respondents receive the 'uasid' of the primary respondent as their household identifier. The identifier 'uashhid' remains constant over time for all respondents. Thus it is always possible to find the original UAS household of an UAS panel member (even after they, for example, have moved out to form another household).
- **survhhid**: uniquely identifies the household a UAS panel member belongs to in a given survey. For instance, if the primary respondent and his/her spouse are both UAS members at the time of a given survey, they both receive the same 'survhhid' identifier for that survey. If they subsequently split, they receive two different 'survhhid' in subsequent surveys. They, however, always share the same 'uashhid'. The identifier 'survhhid' is set to missing (.) if no other household members are UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart if the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, household members have different 'survhhid' reflecting different household compositions at the time they answered the survey. For instance, suppose that the primary respondent and his/her spouse are both UAS members. If the primary respondent answers the survey when he/she is living with the spouse, but the spouse answers the survey when the couple has split, they receive different 'survhhid'. Hence, the variable 'survhhid' identifies household membership of UAS panel members, at the time the respondent answers the survey. Note: in the My Household survey 'survhhid' is set to unknown (.u) for respondents who last participated in the My Household survey prior to January 21, 2015.
- **uasmembers**: is the number of other household members who are also UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart 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
35. MSG 2025/02

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.

4 BACKGROUND DEMOGRAPHICS

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

The following variables are available in each survey data set:

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

- **education**: the highest level of education attained by the respondent.
- **hisplatin**: indicates whether the respondent identifies him or herself as being Hispanic or Latino. 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 hisplatin, so an individual may identify as Hispanic or Latino, and also as a member of one or more racial groups.
- **working**: indicates whether the respondent is working for pay.
- **sick_leave**: indicates whether the respondent is not working because sick or on leave.
- **unemp_layoff**: indicates whether the respondent is unemployed or on lay off.
- **unemp_look**: indicates whether the respondent is unemployed and looking for a job.
- **retired**: indicates whether the respondent is retired.
- **disabled**: indicates whether the respondent has a disability.
- **If_other**: specifies other labor force status.
- **laborstatus**: indicates the labor force status of the respondent as singular (e.g., '1 Working for pay' or '2 On sick or other leave') or as mixed (in case the respondent selects two or more labor statuses). The value '8 Mixed' indicates that the respondent answered 'Yes' to at least two of the single labor force status variables. This variable is generated based on the values of the different labor status variables (working, sick_leave, unempl_layoff, unempl_look, retired, disabled, If_other).

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

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

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

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

In addition, data sets created after May 8, 2025 include an urbanicity variable. It is based on panel members' current census tract of residence and the 2010 Rural-Urban Commuting Area (RUCA) codes released by the US Department of Agriculture's Economic Research Service. To preserve confidentiality, the UAS collapses the 10 primary RUCA codes to 4 levels: Metropolitan, Micropolitan, Small/Rural, and Unknown. The Metropolitan level corresponds to primary RUCA codes 1-3, the Micropolitan level corresponds to RUCA codes 4-6, and the Small/Rural UAS classification corresponds to RUCA codes 7-10.

For detailed information and definitions of the 10 primary RUCA codes, please visit the USDA ERS Rural-Urban Commuting Area Codes site. Surveys conducted completely prior to May 8, 2025 will have an urbanicity data set available on request.

5 MISSING DATA CONVENTIONS

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

6 ROUTING SYNTAX

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

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

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

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

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

7 SURVEY WITH ROUTING

Start of section **Demographics**

currentage := calcAge(dateofbirth_year, dateofbirth_month, dateofbirth_day)

End of section **Demographics**

Start of section **Introduction**

/ The sample for this survey was all active respondents aged 65 or over on January 1, 2021 (except for Spanish speakers). To enforce this eligibility respondents are asked for their month and year of birth. */*

he001_month := dateofbirth_month

he001_year := dateofbirth_year

he.intro (Section Introduction)

This short survey asks you questions about your health insurance, healthcare, and health. It is only open for a small group of study members so we hope you can complete it for us.

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

he001.intro (Section Introduction)

Please tell us the month and year you were born:

he001_month (month of birth in section Introduction)

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

he001_year (year of birth in section Introduction)

- 1910 1910
- 1911 1911

1912 1912
1913 1913
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2021 2021

END OF GROUP

he002 (currently have health insurance in section Introduction)

Do you have health insurance coverage?

1 Yes

2 No

IF he001_year > 1956 OR (he001_year = 1956 AND he001_month > 1) THEN

earlyexit (Section Base)

Thank you for your interest! Unfortunately you do not qualify for this survey. If you believe you have reached this screen in error, please contact us at uashelp@usc.edu and let us know.

Click "Next" to return to your panel member pages.

dummy := doPayout(1)

Exit the survey

END OF IF

IF he002 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

he003 (current health insurance in section Introduction)

Which of the following best describes your current health insurance or health coverage plan? Please check all that apply.

- 1 Medicare
- 2 Insurance through my or my spouse's/partner's employer/union
- 3 Retiree Insurance through my or my spouse's/partner's former employer/union
- 4 Private insurance purchased directly from an insurance company or through a state or federal exchange marketplace.
- 5 Medicaid, Medical Assistance or any kind of government assistance plan for those with low incomes or a disability
- 6 Tricare or other military health care
- 7 VA, including CHAMPVA or VA Care
- 8 Other program, please specify:

he003_other (other current health insurance in section Introduction)

STRING

END OF GROUP

IF 1 IN he003 THEN

he004 (type of medicare coverage in section Introduction)

Which of the following best describes your Medicare coverage?

- 1 Traditional/Original fee-for-service Medicare
- 2 HMO Medicare Advantage Plan
- 3 PPO Medicare Advantage Plan
- 4 Medicare Advantage Plan, other or unsure of plan type
- 5 Medicare but do not know specific type

END OF IF

END OF IF

End of section **Introduction**

Start of section **Scenarios**

sc_intro (Section Scenarios)

We would like you to read the following scenarios and ask that you choose yes, no, or I do not know to the questions that follow the described scenarios.

/ Respondents are presented with three hypothetical scenarios. These are either about an imaginary person (vignette) or about themselves per variable sc_randomizer with values:*

- o 1 Vignette*
- o 2 About R*

The order in which the scenarios are presented is also randomized per variable sc_order_randomizer

with values:

- 1 Scenario 1/4, Scenario 2/5, Scenario 3/6
- 2 Scenario 1/4, Scenario 3/6, Scenario 2/5
- 3 Scenario 2/5, Scenario 1/4, Scenario 3/6
- 4 Scenario 2/5, Scenario 3/6, Scenario 1/4
- 5 Scenario 3/6, Scenario 1/4, Scenario 2/5
- 6 Scenario 3/6, Scenario 2/5, Scenario 1/4

Note: '1/4' and so reflect scenario 1 if sc_randomizer = 1 and scenario 4 if sc_randomizer = 2.

The randomization was assigned a priori and preloaded into the survey. If for some reason preloading failed (sc_preload = 2), values for the two randomization variables were randomly assigned within the survey. */

```
sc_randomizer := getScenarioSet()
sc_order_randomizer := getScenarioOrder()
```

```
IF sc_randomizer = EMPTY THEN
```

```
  sc_randomizer := mt_rand(1,2)
  sc_order_randomizer := mt_rand(1,6)
  sc_preload := 2
```

```
ELSE
```

```
  sc_preload := 1
```

```
END OF IF
```

```
IF currentage = EMPTY THEN
```

```
  currentage (R current age in section Demographics)
  What is your age?
  RANGE 0..9223372036854775807
```

```
END OF IF
```

Fill code of question FLAge executed

```
IF sc_randomizer = 1 THEN
```

```
  IF sc_order_randomizer = 1 THEN
```

```
    sc001 (scenario 1 in section Scenarios)
```

```
    Jane Smith is (^currentage years old/the same age as you). She has always had an excellent memory but lately, she feels like she is not as sharp as she used to be. She has difficulty coming up with the names of casual acquaintances, especially if she
```

encounters them out of context. Having trouble coming up with a word on the tip of her tongue is happening more frequently than it used to, which she finds somewhat frustrating. She has also walked into another room at times and forgotten what she went in there for, and will sometimes forget a phone number in between looking it up and dialing it. She is not sleeping well at night due to financial worries.

Should Jane discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc002 (scenario 2 in section Scenarios)

Bob Smith is (^currentage years old/the same age as you). His long term memory remains excellent, but he has short term memory problems and his wife notes that he will frequently ask the same question multiple times within a few minutes. He continues to drive but last month missed his exit, ended up in a different town, and ended up needing to call his daughter to get directions on how to get home. He is generally very conscientious about keeping his commitments, but this year has forgotten and accidentally missed two doctor appointments and a friend's birthday dinner.

Should Bob discuss this with his health care provider at his next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc003 (scenario 3 in section Scenarios)

Paula Smith is (^currentage years old/the same age as you). She has had mild memory problems for a couple years, but they seem to have worsened this year. Balancing her checkbook takes significantly longer than before and she has trouble finding errors; last month, she forgot that she had already paid her mortgage and sent in a second payment, which caused her to overdraw her account. Her primary care doctor has been concerned about her blood pressure, which remains high despite several medications; however, when she gets to the end of the month, she often has some pills left over. She needs to retake her written test to renew her driver's license, but despite reading the DMV handbook several times, she has not been able to retain the information. Her daughter sent her an iPad so she could video chat with her grandchildren but she consistently has difficulty launching the application.

Should Paula discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

ELSEIF sc_order_randomizer = 2 THEN

sc001 (scenario 1 in section Scenarios)

Jane Smith is (^currentage years old/the same age as you). She has always had an excellent memory but lately, she feels like she is not as sharp as she used to be. She has difficulty coming up with the names of casual acquaintances, especially if she encounters them out of context. Having trouble coming up with a word on the tip of her tongue is happening more frequently than it used to, which she finds somewhat frustrating. She has also walked into another room at times and forgotten what she went in there for, and will sometimes forget a phone number in between looking it up and dialing it. She is not sleeping well at night due to financial worries.

Should Jane discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc003 (scenario 3 in section Scenarios)

Paula Smith is (^currentage years old/the same age as you). She has had mild memory problems for a couple years, but they seem to have worsened this year. Balancing her checkbook takes significantly longer than before and she has trouble finding errors; last month, she forgot that she had already paid her mortgage and sent in a second payment, which caused her to overdraw her account. Her primary care doctor has been concerned about her blood pressure, which remains high despite several medications; however, when she gets to the end of the month, she often has some pills left over. She needs to retake her written test to renew her driver's license, but despite reading the DMV handbook several times, she has not been able to retain the information. Her daughter sent her an iPad so she could video chat with her grandchildren but she consistently has difficulty launching the application.

Should Paula discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc002 (scenario 2 in section Scenarios)

Bob Smith is (^currentage years old/the same age as you). His long term memory remains excellent, but he has short term memory problems and his wife notes that he will frequently ask the same question multiple times within a few minutes. He continues to drive but last month missed his exit, ended up in a different town, and ended up needing to call his daughter to get directions on how to get home. He is generally very conscientious about keeping his commitments, but this year has forgotten and accidentally missed two doctor appointments and a friend's birthday dinner.

Should Bob discuss this with his health care provider at his next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

ELSEIF sc_order_randomizer = 3 THEN

sc002 (scenario 2 in section Scenarios)

Bob Smith is (^currentage years old/the same age as you). His long term memory remains excellent, but he has short term memory problems and his wife notes that he will frequently ask the same question multiple times within a few minutes. He continues to drive but last month missed his exit, ended up in a different town, and ended up needing to call his daughter to get directions on how to get home. He is generally very conscientious about keeping his commitments, but this year has forgotten and accidentally missed two doctor appointments and a friend's birthday dinner.

Should Bob discuss this with his health care provider at his next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc001 (scenario 1 in section Scenarios)

Jane Smith is (^currentage years old/the same age as you). She has always had an excellent memory but lately, she feels like she is not as sharp as she used to be. She has difficulty coming up with the names of casual acquaintances, especially if she encounters them out of context. Having trouble coming up with a word on the tip of her tongue is happening more frequently than it used to, which she finds somewhat frustrating. She has also walked into another room at times and forgotten what she went in there for, and will sometimes forget a phone number in between looking it up and dialing it. She is not sleeping well at night due to financial worries.

Should Jane discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc003 (scenario 3 in section Scenarios)

Paula Smith is (^currentage years old/the same age as you). She has had mild memory problems for a couple years, but they seem to have worsened this year. Balancing her checkbook takes significantly longer than before and she has trouble finding errors; last month, she forgot that she had already paid her mortgage and sent in a second payment, which caused her to overdraw her account. Her primary care doctor has been concerned about her blood pressure, which remains high despite several medications;

however, when she gets to the end of the month, she often has some pills left over. She needs to retake her written test to renew her driver's license, but despite reading the DMV handbook several times, she has not been able to retain the information. Her daughter sent her an iPad so she could video chat with her grandchildren but she consistently has difficulty launching the application.

Should Paula discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

ELSEIF sc_order_randomizer = 4 THEN

sc002 (scenario 2 in section Scenarios)

Bob Smith is (^currentage years old/the same age as you). His long term memory remains excellent, but he has short term memory problems and his wife notes that he will frequently ask the same question multiple times within a few minutes. He continues to drive but last month missed his exit, ended up in a different town, and ended up needing to call his daughter to get directions on how to get home. He is generally very conscientious about keeping his commitments, but this year has forgotten and accidentally missed two doctor appointments and a friend's birthday dinner.

Should Bob discuss this with his health care provider at his next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc003 (scenario 3 in section Scenarios)

Paula Smith is (^currentage years old/the same age as you). She has had mild memory problems for a couple years, but they seem to have worsened this year. Balancing her checkbook takes significantly longer than before and she has trouble finding errors; last month, she forgot that she had already paid her mortgage and sent in a second payment, which caused her to overdraw her account. Her primary care doctor has been concerned about her blood pressure, which remains high despite several medications; however, when she gets to the end of the month, she often has some pills left over. She needs to retake her written test to renew her driver's license, but despite reading the DMV handbook several times, she has not been able to retain the information. Her daughter sent her an iPad so she could video chat with her grandchildren but she consistently has difficulty launching the application.

Should Paula discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No

3 I don't know

sc001 (scenario 1 in section Scenarios)

Jane Smith is (^currentage years old/the same age as you). She has always had an excellent memory but lately, she feels like she is not as sharp as she used to be. She has difficulty coming up with the names of casual acquaintances, especially if she encounters them out of context. Having trouble coming up with a word on the tip of her tongue is happening more frequently than it used to, which she finds somewhat frustrating. She has also walked into another room at times and forgotten what she went in there for, and will sometimes forget a phone number in between looking it up and dialing it. She is not sleeping well at night due to financial worries.

Should Jane discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

1 Yes

2 No

3 I don't know

ELSEIF sc_order_randomizer = 5 THEN

sc003 (scenario 3 in section Scenarios)

Paula Smith is (^currentage years old/the same age as you). She has had mild memory problems for a couple years, but they seem to have worsened this year. Balancing her checkbook takes significantly longer than before and she has trouble finding errors; last month, she forgot that she had already paid her mortgage and sent in a second payment, which caused her to overdraw her account. Her primary care doctor has been concerned about her blood pressure, which remains high despite several medications; however, when she gets to the end of the month, she often has some pills left over. She needs to retake her written test to renew her driver's license, but despite reading the DMV handbook several times, she has not been able to retain the information. Her daughter sent her an iPad so she could video chat with her grandchildren but she consistently has difficulty launching the application.

Should Paula discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

1 Yes

2 No

3 I don't know

sc001 (scenario 1 in section Scenarios)

Jane Smith is (^currentage years old/the same age as you). She has always had an excellent memory but lately, she feels like she is not as sharp as she used to be. She has difficulty coming up with the names of casual acquaintances, especially if she encounters them out of context. Having trouble coming up with a word on the tip of her tongue is happening more frequently than it used to, which she finds somewhat frustrating. She has also walked into another room at times and forgotten what she went in there for, and will sometimes forget a phone number in between looking it up

and dialing it. She is not sleeping well at night due to financial worries.

Should Jane discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc002 (scenario 2 in section Scenarios)

Bob Smith is (^currentage years old/the same age as you). His long term memory remains excellent, but he has short term memory problems and his wife notes that he will frequently ask the same question multiple times within a few minutes. He continues to drive but last month missed his exit, ended up in a different town, and ended up needing to call his daughter to get directions on how to get home. He is generally very conscientious about keeping his commitments, but this year has forgotten and accidentally missed two doctor appointments and a friend's birthday dinner.

Should Bob discuss this with his health care provider at his next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

ELSEIF sc_order_randomizer = 6 THEN

sc003 (scenario 3 in section Scenarios)

Paula Smith is (^currentage years old/the same age as you). She has had mild memory problems for a couple years, but they seem to have worsened this year. Balancing her checkbook takes significantly longer than before and she has trouble finding errors; last month, she forgot that she had already paid her mortgage and sent in a second payment, which caused her to overdraw her account. Her primary care doctor has been concerned about her blood pressure, which remains high despite several medications; however, when she gets to the end of the month, she often has some pills left over. She needs to retake her written test to renew her driver's license, but despite reading the DMV handbook several times, she has not been able to retain the information. Her daughter sent her an iPad so she could video chat with her grandchildren but she consistently has difficulty launching the application.

Should Paula discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc002 (scenario 2 in section Scenarios)

Bob Smith is (^currentage years old/the same age as you). His long term memory remains excellent, but he has short term memory problems and his wife notes that he

will frequently ask the same question multiple times within a few minutes. He continues to drive but last month missed his exit, ended up in a different town, and ended up needing to call his daughter to get directions on how to get home. He is generally very conscientious about keeping his commitments, but this year has forgotten and accidentally missed two doctor appointments and a friend's birthday dinner.

Should Bob discuss this with his health care provider at his next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc001 (scenario 1 in section Scenarios)

Jane Smith is (^currentage years old/the same age as you). She has always had an excellent memory but lately, she feels like she is not as sharp as she used to be. She has difficulty coming up with the names of casual acquaintances, especially if she encounters them out of context. Having trouble coming up with a word on the tip of her tongue is happening more frequently than it used to, which she finds somewhat frustrating. She has also walked into another room at times and forgotten what she went in there for, and will sometimes forget a phone number in between looking it up and dialing it. She is not sleeping well at night due to financial worries.

Should Jane discuss this with her health care provider at her next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

END OF IF

ELSE

sc_intro2 (Section Scenarios)

We ask for you to imagine that the following scenarios **apply to you**.

IF sc_order_randomizer = 1 THEN

sc004 (scenario 1 in section Scenarios)

You have always had an excellent memory but lately, you do not feel your memory is as it used to be. You have difficulty coming up with the names of casual acquaintances, especially if you encounter them out of context. Having trouble coming up with a word on the tip of your tongue is happening more frequently than it used to, which you find somewhat frustrating. You have also walked into another room at times and forgotten what you went in there for, and will sometimes forget a phone number in between looking it up and dialing it. You are not sleeping well at night due to financial concerns.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc005 (scenario 5 in section Scenarios)

Your long term memory remains excellent, but you find your short term memory is not what it used to be and find yourself frequently asking the same question multiple times within a few minutes. You continue to drive but last month you missed your exit, ended up in a different town, and ended up needing to call a family member/friend to get directions on how to get home. You are generally very conscientious about keeping commitments, but this year you forgot and accidentally missed two doctor appointments and a friend's birthday dinner.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc006 (scenario 6 in section Scenarios)

You have been experiencing mild memory problems for a couple years, but they seem to have worsened this year. Balancing your checkbook takes significantly longer than before and you have trouble finding errors; last month, you forgot that you had already paid your mortgage and sent in a second payment, which caused you to overdraw your account. Your primary care doctor has been concerned about your blood pressure, which remains high despite several medications; however, when you get to the end of the month, you often have some pills left over. You need to retake your written test to renew your driver's license, but despite reading the DMV handbook several times, you have not been able to retain the information. You purchased a new iPad so you could video chat with your grandchildren but you consistently have difficulty launching the application.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

ELSEIF sc_order_randomizer = 2 THEN

sc004 (scenario 1 in section Scenarios)

You have always had an excellent memory but lately, you do not feel your memory is as it used to be. You have difficulty coming up with the names of casual acquaintances, especially if you encounter them out of context. Having trouble coming up with a word on the tip of your tongue is happening more frequently than it used to, which you find somewhat frustrating. You have also walked into another room at times and forgotten what you went in there for, and will sometimes forget a phone number in between

looking it up and dialing it. You are not sleeping well at night due to financial concerns.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc006 (scenario 6 in section Scenarios)

You have been experiencing mild memory problems for a couple years, but they seem to have worsened this year. Balancing your checkbook takes significantly longer than before and you have trouble finding errors; last month, you forgot that you had already paid your mortgage and sent in a second payment, which caused you to overdraw your account. Your primary care doctor has been concerned about your blood pressure, which remains high despite several medications; however, when you get to the end of the month, you often have some pills left over. You need to retake your written test to renew your driver's license, but despite reading the DMV handbook several times, you have not been able to retain the information. You purchased a new iPad so you could video chat with your grandchildren but you consistently have difficulty launching the application.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc005 (scenario 5 in section Scenarios)

Your long term memory remains excellent, but you find your short term memory is not what it used to be and find yourself frequently asking the same question multiple times within a few minutes. You continue to drive but last month you missed your exit, ended up in a different town, and ended up needing to call a family member/friend to get directions on how to get home. You are generally very conscientious about keeping commitments, but this year you forgot and accidentally missed two doctor appointments and a friend's birthday dinner.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

ELSEIF sc_order_randomizer = 3 THEN

sc005 (scenario 5 in section Scenarios)

Your long term memory remains excellent, but you find your short term memory is not what it used to be and find yourself frequently asking the same question multiple

times within a few minutes. You continue to drive but last month you missed your exit, ended up in a different town, and ended up needing to call a family member/friend to get directions on how to get home. You are generally very conscientious about keeping commitments, but this year you forgot and accidentally missed two doctor appointments and a friend's birthday dinner.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc004 (scenario 1 in section Scenarios)

You have always had an excellent memory but lately, you do not feel your memory is as it used to be. You have difficulty coming up with the names of casual acquaintances, especially if you encounter them out of context. Having trouble coming up with a word on the tip of your tongue is happening more frequently than it used to, which you find somewhat frustrating. You have also walked into another room at times and forgotten what you went in there for, and will sometimes forget a phone number in between looking it up and dialing it. You are not sleeping well at night due to financial concerns.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc006 (scenario 6 in section Scenarios)

You have been experiencing mild memory problems for a couple years, but they seem to have worsened this year. Balancing your checkbook takes significantly longer than before and you have trouble finding errors; last month, you forgot that you had already paid your mortgage and sent in a second payment, which caused you to overdraw your account. Your primary care doctor has been concerned about your blood pressure, which remains high despite several medications; however, when you get to the end of the month, you often have some pills left over. You need to retake your written test to renew your driver's license, but despite reading the DMV handbook several times, you have not been able to retain the information. You purchased a new iPad so you could video chat with your grandchildren but you consistently have difficulty launching the application.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

ELSEIF sc_order_randomizer = 4 THEN

sc005 (scenario 5 in section Scenarios)

Your long term memory remains excellent, but you find your short term memory is not what it used to be and find yourself frequently asking the same question multiple times within a few minutes. You continue to drive but last month you missed your exit, ended up in a different town, and ended up needing to call a family member/friend to get directions on how to get home. You are generally very conscientious about keeping commitments, but this year you forgot and accidentally missed two doctor appointments and a friend's birthday dinner.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc006 (scenario 6 in section Scenarios)

You have been experiencing mild memory problems for a couple years, but they seem to have worsened this year. Balancing your checkbook takes significantly longer than before and you have trouble finding errors; last month, you forgot that you had already paid your mortgage and sent in a second payment, which caused you to overdraw your account. Your primary care doctor has been concerned about your blood pressure, which remains high despite several medications; however, when you get to the end of the month, you often have some pills left over. You need to retake your written test to renew your driver's license, but despite reading the DMV handbook several times, you have not been able to retain the information. You purchased a new iPad so you could video chat with your grandchildren but you consistently have difficulty launching the application.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc004 (scenario 1 in section Scenarios)

You have always had an excellent memory but lately, you do not feel your memory is as it used to be. You have difficulty coming up with the names of casual acquaintances, especially if you encounter them out of context. Having trouble coming up with a word on the tip of your tongue is happening more frequently than it used to, which you find somewhat frustrating. You have also walked into another room at times and forgotten what you went in there for, and will sometimes forget a phone number in between looking it up and dialing it. You are not sleeping well at night due to financial concerns.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

ELSEIF sc_order_randomizer = 5 THEN

sc006 (scenario 6 in section Scenarios)

You have been experiencing mild memory problems for a couple years, but they seem to have worsened this year. Balancing your checkbook takes significantly longer than before and you have trouble finding errors; last month, you forgot that you had already paid your mortgage and sent in a second payment, which caused you to overdraw your account. Your primary care doctor has been concerned about your blood pressure, which remains high despite several medications; however, when you get to the end of the month, you often have some pills left over. You need to retake your written test to renew your driver's license, but despite reading the DMV handbook several times, you have not been able to retain the information. You purchased a new iPad so you could video chat with your grandchildren but you consistently have difficulty launching the application.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc004 (scenario 1 in section Scenarios)

You have always had an excellent memory but lately, you do not feel your memory is as it used to be. You have difficulty coming up with the names of casual acquaintances, especially if you encounter them out of context. Having trouble coming up with a word on the tip of your tongue is happening more frequently than it used to, which you find somewhat frustrating. You have also walked into another room at times and forgotten what you went in there for, and will sometimes forget a phone number in between looking it up and dialing it. You are not sleeping well at night due to financial concerns.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc005 (scenario 5 in section Scenarios)

Your long term memory remains excellent, but you find your short term memory is not what it used to be and find yourself frequently asking the same question multiple times within a few minutes. You continue to drive but last month you missed your exit, ended up in a different town, and ended up needing to call a family member/friend to

get directions on how to get home. You are generally very conscientious about keeping commitments, but this year you forgot and accidentally missed two doctor appointments and a friend's birthday dinner.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

ELSEIF sc_order_randomizer = 6 THEN

sc006 (scenario 6 in section Scenarios)

You have been experiencing mild memory problems for a couple years, but they seem to have worsened this year. Balancing your checkbook takes significantly longer than before and you have trouble finding errors; last month, you forgot that you had already paid your mortgage and sent in a second payment, which caused you to overdraw your account. Your primary care doctor has been concerned about your blood pressure, which remains high despite several medications; however, when you get to the end of the month, you often have some pills left over. You need to retake your written test to renew your driver's license, but despite reading the DMV handbook several times, you have not been able to retain the information. You purchased a new iPad so you could video chat with your grandchildren but you consistently have difficulty launching the application.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc005 (scenario 5 in section Scenarios)

Your long term memory remains excellent, but you find your short term memory is not what it used to be and find yourself frequently asking the same question multiple times within a few minutes. You continue to drive but last month you missed your exit, ended up in a different town, and ended up needing to call a family member/friend to get directions on how to get home. You are generally very conscientious about keeping commitments, but this year you forgot and accidentally missed two doctor appointments and a friend's birthday dinner.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

sc004 (scenario 1 in section Scenarios)

You have always had an excellent memory but lately, you do not feel your memory is as it used to be. You have difficulty coming up with the names of casual acquaintances, especially if you encounter them out of context. Having trouble coming up with a word on the tip of your tongue is happening more frequently than it used to, which you find somewhat frustrating. You have also walked into another room at times and forgotten what you went in there for, and will sometimes forget a phone number in between looking it up and dialing it. You are not sleeping well at night due to financial concerns.

Should you discuss this with your health care provider at your next appointment or schedule an appointment to discuss?

- 1 Yes
- 2 No
- 3 I don't know

END OF IF

END OF IF

End of section **Scenarios**

Start of section **Background**

ba.intro (Section Background)

The following questions are about you right now.

ba001 (overall health in section Background)

In general, would you say your health is:

- 1 Excellent
- 2 Very good
- 3 Good
- 4 Fair
- 5 Poor

ba002 (talked to health care provider about sleep problems in section Background)

In the past 12 months, have you talked to a health care provider about sleep problems?

- 1 Yes
- 2 No

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ba003.intro (Section Background)

Please respond to each question or statement by selecting one option per row.

In the **past 7 days...**

SUBGROUP OF QUESTIONS

ba003a (thinking has been slow in section Background)

My thinking has been slow.

- 1 Never
- 2 Rarely (once)
- 3 Sometimes (two or three times)
- 4 Often (about once a day)
- 5 Very often (several times a day)

ba003b (brain was not working as well as usual in section Background)

It has seemed like my brain was not working as well as usual.

- 1 Never
- 2 Rarely (once)
- 3 Sometimes (two or three times)
- 4 Often (about once a day)
- 5 Very often (several times a day)

ba003c (had to work harder than usual to keep track of what was doing in section Background)

I have had to work harder than usual to keep track of what I was doing.

- 1 Never
- 2 Rarely (once)
- 3 Sometimes (two or three times)
- 4 Often (about once a day)
- 5 Very often (several times a day)

ba003d (had trouble shifting back and forth between different activities that require thinking in section Background)

I have had trouble shifting back and forth between different activities that require thinking.

- 1 Never
- 2 Rarely (once)
- 3 Sometimes (two or three times)
- 4 Often (about once a day)
- 5 Very often (several times a day)

END OF SUBGROUP

END OF GROUP

ba004 (talked to health care provider about memory problems in section Background)

In the **past 12 months**, have you talked to a health care provider about memory problems?

- 1 Yes
- 2 No

ba005 (doctor ever told have memory-related disease in section Background)

Has a doctor ever told you that you have a memory-related disease?

- 1 Yes
- 2 No

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ba006.intro (Section Background)

The following two questions ask about how you have been feeling in the **past 2 weeks**.

Over the last 2 weeks, how often have you been bothered by any of the following problems?

SUBGROUP OF QUESTIONS

ba006a (little interest or pleasure in doing things in section Background)

Little interest or pleasure in doing things.

- 1 Nearly every day
- 2 More than half the days
- 3 Several days
- 4 Not at all

ba006b (feeling down, depressed, or hopeless in section Background)

Feeling down, depressed, or hopeless

- 1 Nearly every day
- 2 More than half the days
- 3 Several days
- 4 Not at all

END OF SUBGROUP

END OF GROUP

ba015 (attention check in section Background)

Which of the following words belongs to the same category as **bicycle**?

- 1 Little
- 2 Window
- 3 Motorcycle
- 4 Rain
- 5 Tender

ba007 (past 12 months seen mental health professional in section Background)

During the past 12 months have you seen a mental health professional such as a psychiatrist, psychologist, psychiatric nurse, or clinical social worker?

- 1 Yes
- 2 No

ba008 (doctor ever told have problems with depression in section Background)

Has a doctor ever told you that you have had problems with depression?

1 Yes

2 No

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ba009.intro (Section Background)

Medicare Part B helps pay for services from doctors and other health care providers, outpatient care, home health care, durable medical equipment, and some preventive services.

To the best of your knowledge:

ba009a (enrolled in Medicare Part B in section Background)

Are you enrolled in Medicare Part B?

1 Yes

2 No

3 I don't know

END OF GROUP

IF ba009a = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ba009.intro2 (Section Background)

Individuals enrolled in Medicare Part B are entitled to a *Welcome to Medicare Visit* within 12 months of enrolling and an *Annual Wellness Visit (AWV)* ever year thereafter. The Welcome to Medicare Visit includes a review of your health and medical history as well as education and counseling about the preventive services you need, like certain screenings, shots, and referrals for other care. The AWV is a yearly appointment that updates your personal prevention plan.

To the best of your knowledge:

ba009b (have a Welcome to Medicare Visit in section Background)

Did you have a Welcome to Medicare Visit?

1 Yes

2 No

3 I don't know

ba009c (had Medicare Annual Wellness Visit in past 12 months in section Background)

Have you had Medicare's Annual Wellness Visit in the **past 12 months**?

- 1 Yes
- 2 No
- 3 I don't know

END OF GROUP

IF ba009c = 1 THEN

ba009d (most recent Annual Wellness Visit in-person or via telehealth in section Background)

Was your most recent Annual Wellness Visit in-person or via telehealth (e.g., via smartphone)?

- 1 In-person
- 2 Telehealth

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ba010_intro (Section Background)

The annual wellness visit should include, among other things, detection of memory problems. To detect memory problems, clinicians sometimes use structured assessments that can include a word recall test and/or number tasks such as backwards counting. Sometimes providers just ask you if you have concerns about your memory or if others (e.g. a family member) have expressed concerns about your memory. To the best of your knowledge:

ba010a (parts of annual wellness visit in section Background)

In the past 12 months, did you have any of the following at **an Annual Wellness Visit**? Please check all that apply.

- 1 A structured cognitive assessment
- 2 A clinician ask you about memory problems
- 3 Neither

END OF GROUP

END OF IF

END OF IF

ba010b (parts of other wellness visit in section Background)

In the past 12 months, did you have any of the following at a **visit other** than the Annual Wellness Visit? Please check all that apply.

- 1 A structured cognitive assessment
- 2 A clinician ask you about memory problems
- 3 Neither

IF (ba009a = 1 AND ba009c = 1 AND 1 IN ba010a) OR 1 IN ba010b THEN

ba011 (assessment and information useful in section Background)

Did you find the assessment and information you received from the assessment useful?

- 1 Yes
- 2 No
- 3 I did not receive any information

END OF IF

IF (ba009a = 1 AND ba009c = 1 AND (1 IN ba010a OR 2 IN ba010a)) OR 1 IN ba010b OR 2 IN ba010b THEN

ba012 (types of follow up recommendations in section Background)

What types of follow up recommendations did you receive after the assessment? Please check all that apply.

- 1 I did not receive any follow up recommendations
- 2 Further testing for memory issues
- 3 Lifestyle changes (i.e. diet, exercise, stop smoking)
- 4 More social engagement
- 5 Engage in activities that provide cognitive stimulation (e.g., sudoku)

IF 2 IN ba012 OR 3 IN ba012 OR 4 IN ba012 OR 5 IN ba012 THEN

ba013 (which recommendations done in section Background)

Which, if any of the recommendations, did you follow? Please check all that apply.

- 1 Went for/scheduled further testing for memory issues
- 2 Made lifestyle changes (i.e. diet, exercise, stop smoking)
- 3 Increased social engagement
- 4 Engaged in activities that provide cognitive stimulation (e.g., sudoku)
- 5 None, did not want to change
- 6 None, was already following recommendations

END OF IF

END OF IF

ba014 (cognitive assessment is a good addition to medical services in section Background)

Please tell us if you strongly agree, neither agree nor disagree or strongly disagree with the following statement:

Generally, cognitive assessment is a good addition to medical services.

- 1 Strongly disagree
- 2 Disagree
- 3 No opinion
- 4 Agree
- 5 Strongly agree

End of section **Background**

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

dummy := doPayout(6)

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. */