

UnderStandingAmericaStudy

UAS 209: HEALTHCARE PRIORITIES



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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
	contingent	17
	preferences	30
	future	37
	satisfaction	39
	comorbidities	41
	Closing	49

1 INTRODUCTION

The survey, titled “UAS 209: Healthcare Priorities”, asks questions about your healthcare priorities, demand for health plan features, interest in using digital health care services, health status, access, and satisfaction. This survey is no longer in the field. Respondents were paid \$10 to complete the survey.

Note: the survey was only in the field for a very short period of time

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

1.3 Citation

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

2 SURVEY RESPONSE AND DATA

2.1 Sample selection and response rate

The sample selection for this survey was:

All English speaking active respondents who completed UAS98 and/or UAS188 (HRS N-P).

As such, this survey was made available to 4330 UAS participants. Of those 4330 participants, 1531 completed the survey and are counted as respondents. Of those who are not counted as respondents, 68 started the survey without completing and 2731 did not start the survey. The overall response rate was 35.36%.

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.%.

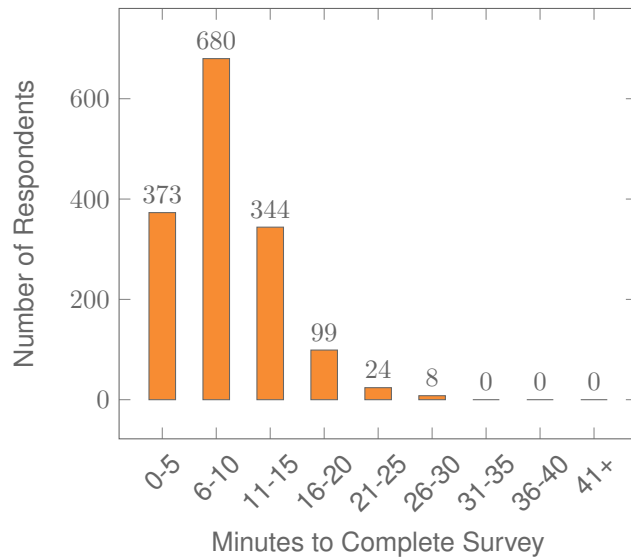
The detailed survey response rate is as follows:

UAS209 - Response Overview	
Size of selected sample	4330
Completed the survey	1531
Started but did not complete the survey	68
Did not start the survey	2731
Response rate	35.36%

2.2 Timings

The survey took respondents an average of 9 minutes, and the full distribution of survey response times is available in the figure below. Times per question are available upon request.

Distribution of Respondents' Survey Response Times



2.3 Sample & Weighting

Weights are included in the data set for this survey. 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. For more details on the UAS weighing procedures please refer to the UAS Weighting Procedures V1. Please contact UAS staff with any questions.

3 STANDARD VARIABLES

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

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

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

- **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.

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.
- **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.

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

intro1 (intro in section Base)

This survey asks you a variety of health and health care related questions.

Start of section **Contingent**

/* Respondents are asked to consider three scenarios in which hypothetical health plans are presented. In each scenario they are asked how much **more** they would be willing to pay for a "new" plan compared to their "current" plan. Their choice is then confirmed in one of two manners per variable confirm_randomizer:

- o 1 Explicit yes/no confirmation
- o 2 Summary of choice without explicit confirmation

Respondents are assigned for this randomizer by a 10%/90% distribution.

If respondents don't provide an initial answer for a scenario, they are asked for bracketed values to determine the \$ range they would be willing to pay more for the "new" plan. */

q011_intro (Section Contingent)

This section has three questions. Each question describes two different health insurance plans. You will be asked to imagine that one is your **current plan**. This plan covers only YOU and not any of your family members.

The other plan is a **new plan**. The new plan differs from your current plan. The question will explain how the new plan is different.

You will be asked to imagine that you need to pick a new health insurance plan for next year. We will present a **new plan** which is more generous in some way. We want to know how much **extra** you would pay in premium, each month for the **new plan**.

We want to know the MOST you would pay for this feature, not what you think it actually costs. If you would not pay any more to switch to the new plan, put \$0.

You may be unsure about your answers to these questions. Please take your time and do your best.

```
IF confirm_randomizer = EMPTY THEN
```

```
confirm_number := mt_rand(1,100)
```

```
IF confirm_number < 91 THEN
```

```
confirm_randomizer := 2
```

```
ELSE
| confirm_randomizer := 1
END OF IF
END OF IF
```

LOOP FROM 1 TO 5

q011 (first scenario how much willing to pay all providers in section Contingent)
Imagine that you are enrolled in a health insurance plan. This plan covers only YOU and not any of your family members.

In this plan (your **current plan**): You can only go to a limited set of providers All of your current doctor(s) are included in the plan You pay a premium that is \$350 per month Now imagine that it is time for you to pick your health insurance plan for next year. You have a choice to stay with your current plan or switch to a **new plan**.

The new plan will not restrict your choice of providers. All providers are in-network, so you can go to any doctor or hospital you choose.

Other than the providers that are covered, everything else is the same as your current plan.

Plan Feature	Current Plan	New Plan
Providers Covered:	Limited	All
Your Current Doctor(s):	Covered	Covered
Monthly Premium:	\$350	

If you stay with your current plan, your monthly premium will be \$350.

How much **more** would you be willing to pay **per month** to switch to the **new plan**?

RANGE 0..9223372036854775807

Figure 1: Example of choice 1

Imagine that you are enrolled in a health insurance plan. This plan covers only YOU and not any of your family members.

In this plan (your **current plan**):

- You can only go to a limited set of providers
- All of your current doctor(s) are included in the plan
- You pay a premium that is \$350 per month

Now imagine that it is time for you to pick your health insurance plan for next year. You have a choice to stay with your current plan or switch to a **new plan**.

The new plan will not restrict your choice of providers. All providers are in-network, so you can go to any doctor or hospital you choose.

Other than the providers that are covered, everything else is the same as your current plan.

Plan Feature	Current Plan	New Plan
Providers Covered:	Limited	All
Your Current Doctor(s):	Covered	Covered
Monthly Premium:	\$350	

If you stay with your current plan, your monthly premium will be \$350.

How much **more** would you be willing to pay **per month** to switch to the **new plan**?

\$ more per month

IF q011 = EMPTY THEN

q011_50 (q011 more or less \$50 more in section Contingent)

Would it be more than or less than **\$50 more** per month?

- 1 More than \$50 more per month
- 2 Less than \$50 more per month

IF q011_50 = 1 THEN

q011_100 (q011 more or less \$100 more in section Contingent)

Would it be more than or less than **\$100 more** per month?

- 1 More than \$100 more per month
- 2 Less than \$100 more per month

IF q011_100 = 2 THEN

q011_75 (q011 more or less \$75 more in section Contingent)

Would it be more than or less than **\$75 more** per month?

- 1 More than \$75 more per month
- 2 Less than \$75 more per month

END OF IF

ELSE

q011_25 (q011 more or less \$25 more in section Contingent)

Would it be more than or less than **\$25 more** per month?

1 More than \$25 more per month

2 Less than \$25 more per month

IF q011_25 = 2 THEN

q011_10 (q011 more or less \$10 more in section Contingent)

Would it be more than or less than **\$10 more** per month?

1 More than \$10 more per month

2 Less than \$10 more per month

END OF IF

END OF IF

ELSE

q011_50 := empty

q011_100 := empty

q011_75 := empty

q011_25 := empty

q011_10 := empty

END OF IF

Fill code of question FLq011_more executed

Fill code of question FLq011_total executed

IF confirm_randomizer = 1 THEN

IF q011 = RESPONSE OR FLQ011_more = RESPONSE THEN

q011_confirm (confirm first scenario how much willing to pay all providers in section Contingent)

Plan	Feature	Current	PlanNew	PlanProviders	Cov-
ered:	Limited	AllYour	Current	Doctor(s):	Covered
Monthly	Covered	Covered	Monthly	Pre-	
mium:	\$350(\$	^q011/400/450/425/375/360/+/-/			

1 Yes, keep answer

2 No, change answer

IF q011_confirm = 1 THEN

|

| END OF IF

ELSE

|

END OF IF

ELSE

q011_summary (confirm first scenario how much willing to pay all providers in section Contingent)

Plan Feature **Current Plan** **New Plan** **Providers Covered:** **Limited** **All** **Your Current Doctor(s):** **Covered** **Covered** **Monthly Premium:** **\$350** **(\$/q011/400/450/425/375/360/+/-/**

Figure 2: Example of choice 1 summary

Plan Feature	Current Plan	New Plan
Providers Covered:	Limited	All
Your Current Doctor(s):	Covered	Covered
Monthly Premium:	\$350	\$373

To summarize:

You said that you would pay **\$23 more** per month to switch to the new plan.

That means that you would pay **\$373 total** per month.

Figure 3: Example of choice 1 range summary

Plan Feature	Current Plan	New Plan
Providers Covered:	Limited	All
Your Current Doctor(s):	Covered	Covered
Monthly Premium:	\$350	\$425-\$450

To summarize:

You said that you would pay **\$75-\$100 more** per month to switch to the new plan.

That means that you would pay **\$425-\$450 total** per month.

| END OF IF

END OF LOOP

LOOP FROM 1 TO 5

q012 (second scenario how much willing to pay current plan changes in section Contingent)

Now imagine again that it is time for you to pick your health insurance plan for next year.

But, now imagine that your **current plan is changing its network** and **your doctor is not covered anymore**. That means that if you stay in your current plan, **you would have to change doctors**.

You have a choice to stay with your current plan or switch to a **new plan**. The **new plan** also has a limited set of providers, but your doctor is covered. That means that if you switch to the new plan, you could keep your doctor. Everything else is the same as your current plan.

Plan Feature	Current Plan	New Plan	Providers Covered:
Doctor(s):	Not covered	Covered	Limited
Monthly Premium:	\$350	Limited	Your Current

If you stay with your current plan, your monthly premium will be \$350.

How much **more** would you be willing to pay **per month** to switch to the **new plan**?

RANGE 0..9223372036854775807

Figure 4: Example of choice 2

Now imagine again that it is time for you to pick your health insurance plan for next year.

But, now imagine that your **current plan is changing its network** and **your doctor is not covered anymore**. That means that if you stay in your current plan, **you would have to change doctors**.

You have a choice to stay with your current plan or switch to a **new plan**. The **new plan** also has a limited set of providers, but your doctor is covered. That means that if you switch to the new plan, you could keep your doctor. Everything else is the same as your current plan.

Plan Feature	Current Plan	New Plan
Providers Covered:	Limited	Limited
Your Current Doctor(s):	Not covered	Covered
Monthly Premium:	\$350	

If you stay with your current plan, your monthly premium will be \$350.

How much **more** would you be willing to pay **per month** to switch to the **new plan**?

\$ more per month

IF q012 = EMPTY THEN

q012_50 (q012 more or less \$50 more in section Contingent)

Would it be more than or less than **\$50 more** per month?

- 1 More than \$50 more per month
- 2 Less than \$50 more per month

IF q012_50 = 1 THEN

q012_100 (q012 more or less \$100 more in section Contingent)

Would it be more than or less than **\$100 more** per month?

- 1 More than \$100 more per month
- 2 Less than \$100 more per month

IF q012_100 = 2 THEN

q012_75 (q012 more or less \$75 more in section Contingent)

Would it be more than or less than **\$75 more** per month?

- 1 More than \$75 more per month
- 2 Less than \$75 more per month

END OF IF

ELSE

q012_25 (q012 more or less \$25 more in section Contingent)

Would it be more than or less than **\$25 more** per month?

- 1 More than \$25 more per month

```

2 Less than $25 more per month

IF q012.25 = 2 THEN

  q012.10 (q012 more or less $10 more in section Contingent)
  Would it be more than or less than $10 more per month?
  1 More than $10 more per month
  2 Less than $10 more per month

  END OF IF

END OF IF

ELSE

q012.50 := empty
q012.100 := empty
q012.75 := empty
q012.25 := empty
q012.10 := empty

END OF IF

Fill code of question FLq012.more executed
Fill code of question FLq012.total executed

IF confirm_randomizer = 1 THEN

  IF q012 = RESPONSE OR FLQ012.more = RESPONSE THEN

    q012_confirm (confirm second scenario how much willing to pay all providers in
    section Contingent)
    Plan FeatureCurrent PlanNew PlanProviders Covered:LimitedLimitedYour
    Current Doctor(s):Not coveredCoveredMonthly Pre-
    mium:$350($/q012/400/450/425/375/360/+/-/
    1 Yes, keep answer
    2 No, change answer

    IF q012_confirm = 1 THEN

      I

    END OF IF

  ELSE

```


|
END OF IF

ELSE

q012.summary (confirm second scenario how much willing to pay all providers in section Contingent)

Plan Feature **Current Plan** **New Plan** **Providers Covered:** **Limited** **Limited** **Your Current Doctor(s):** **Not covered** **Covered** **Monthly Premium:** **\$350** **(\$/q012/400/450/425/375/360/+/-)**

Figure 5: Example of choice 2 summary

Plan Feature	Current Plan	New Plan
Providers Covered:	Limited	Limited
Your Current Doctor(s):	Not covered	Covered
Monthly Premium:	\$350	\$395

To summarize:

You said that you would pay **\$45 more** per month to switch to the new plan.

That means that you would pay **\$395** total per month.

Figure 6: Example of choice 2 range summary

Plan Feature	Current Plan	New Plan
Providers Covered:	Limited	Limited
Your Current Doctor(s):	Not covered	Covered
Monthly Premium:	\$350	\$350-\$360

To summarize:

You said that you would pay **less than \$10 more** per month to switch to the new plan.

That means that you would pay **\$350-\$360** total per month.

END OF IF

END OF LOOP

LOOP FROM 1 TO 5

q012b (third scenario how much willing to pay current plan changes in section Contingent)

Now imagine one more time that you need to pick your health insurance plan for next year.

This time, your doctor is still covered by your current plan. The **new plan** covers the same providers, including your doctor.

But the **new plan** also gives you more options for how you can see your doctor. In the **new plan** you can have an online or virtual visit with your doctor. You can also schedule your visits and consult with your provider team online.

Everything else is the same as your current plan.

Plan	Feature	Current Plan	New Plan	Providers Covered:	Limited	Limited	Your Current
Doctor(s):	Covered	Covered	Covered	Online visits:	Not covered	Covered	Monthly Premium:
							\$350

If you stay with your current plan, your monthly premium will be \$350.

How much **more** would you be willing to pay **per month** to switch to the **new plan**?

RANGE 0..9223372036854775807

Figure 7: Example of choice 3

Now imagine one more time that you need to pick your health insurance plan for next year.

This time, your doctor is still covered by your current plan. The **new plan** covers the same providers, including your doctor.

But the **new plan** also gives you more options for how you can see your doctor. In the **new plan** you can have an online or virtual visit with your doctor. You can also schedule your visits and consult with your provider team online.

Everything else is the same as your current plan.

Plan Feature	Current Plan	New Plan
Providers Covered:	Limited	Limited
Your Current Doctor(s):	Covered	Covered
Online visits:	Not covered	Covered
Monthly Premium:	\$350	

If you stay with your current plan, your monthly premium will be \$350.

How much **more** would you be willing to pay **per month** to switch to the **new plan**?

\$ more per month

IF q012b = EMPTY THEN

q012b_50 (q012b more or less \$50 more in section Contingent)

Would it be more than or less than **\$50 more** per month?

1 More than \$50 more per month

2 Less than \$50 more per month

IF q012b_50 = 1 THEN

q012b_100 (q012b more or less \$100 more in section Contingent)

Would it be more than or less than **\$100 more** per month?

1 More than \$100 more per month

2 Less than \$100 more per month

IF q012b_100 = 2 THEN

q012b_75 (q012b more or less \$75 more in section Contingent)

Would it be more than or less than **\$75 more** per month?

1 More than \$75 more per month

2 Less than \$75 more per month

END OF IF

ELSE

q012b_25 (q012b more or less \$25 more in section Contingent)

Would it be more than or less than **\$25 more** per month?

1 More than \$25 more per month

2 Less than \$25 more per month

IF q012b_25 = 2 THEN

q012b_10 (q012b more or less \$10 more in section Contingent)

Would it be more than or less than **\$10 more** per month?

1 More than \$10 more per month

2 Less than \$10 more per month

END OF IF

END OF IF

ELSE

q012b_50 := empty

q012b_100 := empty

q012b_75 := empty

q012b_25 := empty

q012b_10 := empty

END OF IF

Fill code of question FLq012b_more executed

Fill code of question FLq012b_total executed

IF confirm_randomizer = 1 THEN

IF q012b = RESPONSE OR FLQ012b_more = RESPONSE THEN

q012b_confirm (confirm third scenario how much willing to pay all providers in section Contingent)

Plan Feature **Current PlanNew PlanProviders** Covered: **LimitedLimitedYour Current Doctor(s):CoveredCoveredOnline visits:Not coveredCoveredMonthly Premium:\$350(\$/q012b/400/450/425/375/360/+/-/**

1 Yes, keep answer

2 No, change answer

IF q012b_confirm = 1 THEN

|

| END OF IF

ELSE

|

END OF IF

ELSE

q012b_summary (confirm third scenario how much willing to pay all providers in section Contingent)

Plan Feature **Current Plan** **New Plan** **Providers Covered:** **Limited** **Limited** **Your Current Doctor(s):** **Covered** **Covered** **Online visits:** **Not covered** **Covered** **Monthly Premium:** **\$350** **(\$/400/450/425/375/360/+/-)**

Figure 8: Example of choice 3 summary

Plan Feature	Current Plan	New Plan
Providers Covered:	Limited	Limited
Your Current Doctor(s):	Covered	Covered
Online visits:	Not covered	Covered
Monthly Premium:	\$350	\$362

To summarize:

You said that you would pay **\$12 more** per month to switch to the new plan.

That means that you would pay **\$362** total per month.

Figure 9: Example of choice 3 range summary

Plan Feature	Current Plan	New Plan
Providers Covered:	Limited	Limited
Your Current Doctor(s):	Covered	Covered
Online visits:	Not covered	Covered
Monthly Premium:	\$350	\$350-\$400

To summarize:

You said that you would pay **less than \$50 more** per month to switch to the new plan.

That means that you would pay **\$350-\$400** total per month.

END OF IF

END OF LOOP

End of section **Contingent**

Start of section **Preferences**

/* In this section respondents are asked to make a choice in 10 different tasks. Each task consists of four health care attributes and respondents have to indicate which of those they find most and least important. The potential health care attributes are:

- 1 A doctor or other provider who spends time with me and does not rush through my exam
- 2 A doctor or other provider who listens to me and shows they care about me
- 3 A doctor or provider who clearly explains what s/he is doing during my exam and what I need to do after the visit
- 4 Clear, helpful information about my diagnoses and conditions
- 5 Doctors and other providers who communicate with each other and coordinate my treatment
- 6 A doctor or other provider who understands my cultural preferences and needs
- 7 All my doctors and prescriptions are in-network and covered
- 8 Clear instructions on what pre-authorization is needed and how to get it
- 9 A stable health insurance plan that changes little, or not at all, from year to year

- 10 Accurate cost information before I receive a particular service or procedure with a particular doctor or hospital
- 11 Easy to understand medical bills, premium bills, and Explanations of Benefits (EOBs)
- 12 An easy to use online portal to pay my health care bills
- 13 Little to no wait time at doctor's offices, laboratories, testing centers, etc.
- 14 Appointments are available for the date and time when I need them
- 15 A customer service representative or billing agent who will work on an issue until it is completely resolved
- 16 Assistance finding the right doctor, hospital, or treatment facility for my specific situation
- 17 Access to a doctor or other health care provider that is close to my house or work
- 18 Transportation from my home to the doctor's office
- 19 Meals delivered to my home after I am discharged from the hospital
- 20 Easy email or telephone communication with my care team
- 21 Easy to use online portal with my doctor or hospital to help me manage my test results and appointments
- 22 Option to consult with a doctor through online video (i.e., telehealth)
- 23 Access to electronic trackers (like a Fitbit or Apple Watch) that allow me to share my health data with my doctors and nurses
- 24 Access to a high-quality specialist for my condition
- 25 Access to reliable information about quality (e.g., medical outcomes) when choosing a health care provider

The exact tasks and their attributes that are presented depend on the variable group_randomizer with values:

- Group 1
- Group 2
- Group 3
- Group 4
- Group 5

The exact health care attributes per respondent are captured in the round_options variables. These variables contain the attributes per task in the following manner as exemplified for task 1: round_options_1_1_ to round_options_1_4_ contain the attributes presented for scenario 1 with _1_1_ being the first attribute shown and _1_4_ the last attribute shown.

The order of the tasks themselves is randomly assigned per respondent as described in the task_order with values:

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

However, the responses for each task are stored independent of the order in which they are asked. For example, variable q001_most_important_1_ always contains the respondent's most important attribute for task 1. In the same way variable q001_least_important_1 contains the respondent's least important attribute for task 1.

Lastly, prior to the first task respondents are presented with an example. In this example four health care attributes are randomly chosen to be displayed and a fictive "Tom" indicates his choices. Those random attributes are contained within the round_options_11_1_ to round_options_11_4_ variables. */

```
IF group_randomizer = EMPTY THEN
```

```
| group_randomizer := mt_rand(1,5)
```

```
END OF IF
```

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

```
| round_options(11) := getExampleOptionsPerRound()
```

```
END OF IF
```

```
round := 11
```

```
q001(round,round_options(round,2)) := 1
```


q002(round,round_options(round,4)) := 1

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

instructions (Section Preferences)

In this section, you will be asked several questions. In each question, you will see four features of a health care experience. For each question, consider only those features on the screen at the time and select the feature that is the **most important** and the feature that is the **least important** for you to have a positive health care experience.

Here is an example. Tom thinks that **(round options(11, 2))** is the most important to him having a positive health care experience, so he checks the second box on the left. Tom thinks that **(round options(11,4))** is the least important so he checks the last box on the right.

Tom's Example

choice_intro_dummy (Section Preferences)

q001 (most important in section Preferences)

1 Yes

q002 (least important in section Preferences)

1 Yes

q001 (most important in section Preferences)

1 Yes

q002 (least important in section Preferences)

1 Yes

q001 (most important in section Preferences)

1 Yes

q002 (least important in section Preferences)

1 Yes

q001 (most important in section Preferences)

1 Yes

q002 (least important in section Preferences)

1 Yes

Figure 10: Example for Tom

In this section, you will be asked several questions. In each question, you will see four features of a health care experience. For each question, consider only those features on the screen at the time and select the feature that is the **most important** and the feature that is the **least important** for you to have a positive health care experience.

Here is an example. Tom thinks that **A doctor or other provider who understands my cultural preferences and needs** is the most important to him having a positive health care experience, so he checks the second box on the left. Tom thinks that **Doctors and other providers who communicate with each other and coordinate my treatment** is the least important so he checks the last box on the right.

Tom's Example

Most important		Least important
<input type="radio"/>	Accurate cost information before I receive a particular service or procedure with a particular doctor or hospital	<input type="radio"/>
<input checked="" type="radio"/>	A doctor or other provider who understands my cultural preferences and needs	<input type="radio"/>
<input type="radio"/>	Appointments are available for the date and time when I need them	<input type="radio"/>
<input type="radio"/>	Doctors and other providers who communicate with each other and coordinate my treatment	<input checked="" type="radio"/>

END OF GROUP

IF sizeof(task_order) = 0 THEN

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

END OF IF

LOOP FROM 1 TO 10

```
round := task_order(cnt)
```

IF (sizeof(round_options(round)) = 0) THEN

```
round_options(round) := getOptionsPerRound(group_randomizer, round)
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

instructions_dummy (Section Preferences)

choice_intro (Section Preferences)

Which of these is the **most important** and which is the **least important** for you to have a **positive health care experience**?

q001 (most important in section Preferences)

1 Yes

q002 (least important in section Preferences)

1 Yes

q001 (most important in section Preferences)

1 Yes

q002 (least important in section Preferences)

1 Yes

q001 (most important in section Preferences)

1 Yes

q002 (least important in section Preferences)

1 Yes

q001 (most important in section Preferences)

1 Yes

q002 (least important in section Preferences)

1 Yes

Figure 11: Example of preference task

Which of these is the **most important** and which is the **least important** for you to have a **positive health care experience**?

Most important		Least important
<input type="radio"/>	Easy email or telephone communication with my care team	<input type="radio"/>
<input checked="" type="radio"/>	Access to a doctor or other health care provider that is close to my house or work	<input type="radio"/>
<input type="radio"/>	Easy to understand medical bills, premium bills, and Explanations of Benefits (EOBs)	<input checked="" type="radio"/>
<input type="radio"/>	Assistance finding the right doctor, hospital, or treatment facility for my specific situation	<input type="radio"/>

END OF GROUP

```

IF      (q001(round,round_options(round,1))      =      RESPONSE
OR      q001(round,round_options(round,2))      =      RESPONSE
OR      q001(round,round_options(round,3))      =      RESPONSE
OR      q001(round,round_options(round,4))      =      response)      AND
(q002(round,round_options(round,1))      =      RESPONSE      OR
q002(round,round_options(round,2))      =      RESPONSE      OR
q002(round,round_options(round,3))      =      RESPONSE      OR

```

```

q002(round,round_options(round,4) = response) THEN
|
ELSE
| in_warning (Section Preferences)
| Please go back and select both "a most important" and "a least important" feature.
END OF IF

IF q001(round,round_options(round,1)) = 1 THEN
| q001_most_important(round) := round_options(round,1)
ELSEIF q001(round,round_options(round,2)) = 1 THEN
| q001_most_important(round) := round_options(round,2)
ELSEIF q001(round,round_options(round,3)) = 1 THEN
| q001_most_important(round) := round_options(round,3)
ELSEIF q001(round,round_options(round,4)) = 1 THEN
| q001_most_important(round) := round_options(round,4)
END OF IF

IF q002(round,round_options(round,1)) = 1 THEN
| q001_least_important(round) := round_options(round,1)
ELSEIF q002(round,round_options(round,2)) = 1 THEN
| q001_least_important(round) := round_options(round,2)
ELSEIF q002(round,round_options(round,3)) = 1 THEN
| q001_least_important(round) := round_options(round,3)
ELSEIF q002(round,round_options(round,4)) = 1 THEN

```

| q001_least_important(round) := round_options(round,4)

END OF IF

END OF LOOP

End of section **Preferences**

Start of section **Future**

fut_intro (Section Future)

This section has eight questions. We will ask you about how likely you would be to use certain types of health care services. Please answer each question on a scale from very likely to very unlikely.

q013 (how likely virtual visit with doctor in section Future)

How likely would you be to have a virtual visit with your doctor (such as online or through an app) for preventive services (like a check-up)?

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

q014 (how likely virtual visit with nurse or other health care provider in section Future)

How likely would you be to have a virtual visit (such as online or through an app) with a nurse or other health care provider to get immediate answers to urgent health care issues?

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

q015 (how likely use app or online system for reminders, refills in section Future)

How likely would you be to use an app or online system that provides reminders for appointments and other health care needs like screenings and refills?

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

q016 (how likely use app for coaching services in section Future)

How likely would you be to use an app that provides coaching services to make changes in your health or wellness behavior (like weight management, quitting tobacco, etc.)?

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

q017 (how likely use app integrating information wearables in section Future)

How likely would you be to use an app that integrates information from my wearable devices (like a fitbit) to track your health and wellness?

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

q018 (how likely use at-home test in section Future)

How likely would you be to use an at-home test to diagnose infections (such as strep throat) before going to the doctor for treatment?

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

q019 (how likely use at home genetic test in section Future)

How likely would you be to use an at-home genetic test to identify existing or future health risks?

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

q020 (how likely use at home blood test in section Future)

How likely would you be to use an at-home blood test (a quick prick with a fine needle) that connects to an app to track overall health trends (like cholesterol, blood glucose, or inflammation)?

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

q021 (how likely enroll in new health plan in section Future)

What if a health plan required that you conveniently walk through your non-emergent health

condition(s) step by step with a health plan and allowed the health plan to direct you to care, first through online access to a nurse or doctor and, if necessary, they would schedule you a visit to a doctor or a specialist they chose. How likely would you be to purchase this plan if it was significantly less expensive?

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

End of section **Future**

Start of section **Satisfaction**

sat_intro (Section Satisfaction)

This section has seven questions. We will ask you some questions about your satisfaction with your current health plan, access to care, and your health status.

q022 (satisfied current health plan in section Satisfaction)

Overall, how satisfied are you with your current health plan?

- 1 Very satisfied
- 2 Somewhat satisfied
- 3 Neither satisfied nor dissatisfied
- 4 Somewhat dissatisfied
- 5 Very dissatisfied

IF q022 IN (1,2) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

q022a (why satisfied in section Satisfaction)

Why? (Check all that apply):

- 1 Providers I want to go to are covered
- 2 Low out-of-pocket spending
- 3 Low premiums
- 4 Good customer service
- 5 Claims are paid quickly
- 6 No problems or issues
- 7 Good coverage
- 8 Other, please specify:

q022a_other (other why satisfied in section Satisfaction)

STRING

END OF GROUP

ELSEIF q022 IN (4,5) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

q022b (why not satisfied in section Satisfaction)

Why? (Check all that apply):

- 1 Providers I want to go are not covered
- 2 High out-of-pocket spending
- 3 High premiums
- 4 Poor customer service
- 5 My claims are rejected
- 6 My prescriptions are not covered
- 7 Poor medical coverage
- 8 Other, please specify:

q022b_other (other why not satisfied in section Satisfaction)

STRING

END OF GROUP

END OF IF

q023 (satisfied overall in section Satisfaction)

Thinking about the quality, cost, and convenience of your health care, how satisfied are you overall?

- 1 Very satisfied
- 2 Somewhat satisfied
- 3 Neither satisfied nor dissatisfied
- 4 Somewhat dissatisfied
- 5 Very dissatisfied

q024 (any time needed medical care, could not afford in section Satisfaction)

In the last two years, was there any time when you needed medical care, but did not get it because you couldn't afford it?

- 1 Yes
- 2 No

q025 (usual place for check-up, advice in section Satisfaction)

Is there a place that you USUALLY go to when you need a check-up, want advice about a health problem, or get sick or hurt?

- 1 Yes
- 2 No

q026 (overall health in section Satisfaction)

In general, how would you rate your overall health?

- 1 Excellent
- 2 Very good

- 3 Good
- 4 Fair
- 5 Poor

q027 (overall health in section Satisfaction)

In general, how would you rate your overall **mental or emotional** health?

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

End of section **Satisfaction**

Start of section **Comorbidities**

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

q028_intro (Section Comorbidities)

The following is a list of common health problems. Please indicate if you currently have the problem.

SUBGROUP OF QUESTIONS

q028a (Heart disease in section Comorbidities)

Heart disease

- 1 Yes
- 2 No

q028b (High blood pressure in section Comorbidities)

High blood pressure

- 1 Yes
- 2 No

q028c (Lung disease in section Comorbidities)

Lung disease

- 1 Yes
- 2 No

q028d (Diabetes in section Comorbidities)

Diabetes

- 1 Yes
- 2 No

q028e (Ulcer or stomach disease in section Comorbidities)

Ulcer or stomach disease

1 Yes

2 No

q028f (Kidney disease in section Comorbidities)

Kidney disease

1 Yes

2 No

q028g (Liver disease in section Comorbidities)

Liver disease

1 Yes

2 No

q028h (Anemia or other blood disease in section Comorbidities)

Anemia or other blood disease

1 Yes

2 No

q028i (Cancer in section Comorbidities)

Cancer

1 Yes

2 No

q028j (Depression in section Comorbidities)

Depression

1 Yes

2 No

q028k (Pain and swelling in joints other than the back in section Comorbidities)

Pain and swelling in joints other than the back

1 Yes

2 No

q028l (Osteoporosis in section Comorbidities)

Osteoporosis

1 Yes

2 No

q028m (Fractures in section Comorbidities)

Fractures

1 Yes

2 No

q028n (Other problems in section Comorbidities)

Other medical problems (please write in):

- 1 Yes
- 2 No

END OF SUBGROUP

q028n_other (other diseases in section Comorbidities)
STRING

q028n_other (other diseases in section Comorbidities)
STRING

q028n_other (other diseases in section Comorbidities)
STRING

END OF GROUP

IF q028a = 1 OR q028b = 1 OR q028c = 1 OR q028d = 1 OR q028e = 1 OR q028f = 1 OR q028g = 1 OR q028h = 1 OR q028i = 1 OR q028j = 1 OR q028k = 1 OR q028l = 1 OR q028m = 1 OR q028n = 1 THEN

Fill code of question FL_q028n_other executed

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

q029_intro (Section Comorbidities)
Are you receiving medications or some other type of treatment for any of these health problems?

SUBGROUP OF QUESTIONS

IF q028a = 1 THEN

q029a (treatment Heart disease in section Comorbidities)
Heart disease
1 Yes
2 No

END OF IF

IF q028b = 1 THEN

q029b (treatment High blood pressure in section Comorbidities)
High blood pressure
1 Yes

| 2 No

END OF IF

IF q028c = 1 THEN

| **q029c** (treatment Lung disease in section Comorbidities)

Lung disease

1 Yes

2 No

END OF IF

IF q028d = 1 THEN

| **q029d** (treatment Diabetes in section Comorbidities)

Diabetes

1 Yes

2 No

END OF IF

IF q028e = 1 THEN

| **q029e** (treatment Ulcer or stomach disease in section Comorbidities)

Ulcer or stomach disease

1 Yes

2 No

END OF IF

IF q028f = 1 THEN

| **q029f** (treatment Kidney disease in section Comorbidities)

Kidney disease

1 Yes

2 No

END OF IF

IF q028g = 1 THEN

| **q029g** (treatment Liver disease in section Comorbidities)

Liver disease

1 Yes

| 2 No

END OF IF

IF q028h = 1 THEN

| **q029h** (treatment Anemia or other blood disease in section Comorbidities)

Anemia or other blood disease

1 Yes

2 No

END OF IF

IF q028i = 1 THEN

| **q029i** (treatment Cancer in section Comorbidities)

Cancer

1 Yes

2 No

END OF IF

IF q028j = 1 THEN

| **q029j** (treatment Depression in section Comorbidities)

Depression

1 Yes

2 No

END OF IF

IF q028k = 1 THEN

| **q029k** (treatment Pain and swelling in joints other than the back in section Comorbidities)

Pain and swelling in joints other than the back

1 Yes

2 No

END OF IF

IF q028l = 1 THEN

q029l (treatment Osteoporosis in section Comorbidities)

Osteoporosis

1 Yes

2 No

END OF IF

IF q028m = 1 THEN

q029m (treatment Fractures in section Comorbidities)

Fractures

1 Yes

2 No

END OF IF

IF q028n = 1 THEN

q029n (treatment Other problems in section Comorbidities)

Other medical problems(^q028n_other(1)/^q028n_other(2)/^q028n_other(3))

1 Yes

2 No

END OF IF

END OF SUBGROUP

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

q030_intro (Section Comorbidities)

Do any of these health problems limit your activities?

SUBGROUP OF QUESTIONS

IF q028a = 1 THEN

q030a (limit Heart disease in section Comorbidities)

Heart disease

1 Yes

2 No

END OF IF

IF q028b = 1 THEN

q030b (limit High blood pressure in section Comorbidities)
High blood pressure
1 Yes
2 No

END OF IF

IF q028c = 1 THEN

q030c (limit Lung disease in section Comorbidities)
Lung disease
1 Yes
2 No

END OF IF

IF q028d = 1 THEN

q030d (limit Diabetes in section Comorbidities)
Diabetes
1 Yes
2 No

END OF IF

IF q028e = 1 THEN

q030e (limit Ulcer or stomach disease in section Comorbidities)
Ulcer or stomach disease
1 Yes
2 No

END OF IF

IF q028f = 1 THEN

q030f (limit Kidney disease in section Comorbidities)
Kidney disease
1 Yes
2 No

END OF IF

IF q028g = 1 THEN

q030g (limit Liver disease in section Comorbidities)

Liver disease

1 Yes

2 No

END OF IF

IF q028h = 1 THEN

q030h (limit Anemia or other blood disease in section Comorbidities)

Anemia or other blood disease

1 Yes

2 No

END OF IF

IF q028i = 1 THEN

q030i (limit Cancer in section Comorbidities)

Cancer

1 Yes

2 No

END OF IF

IF q028j = 1 THEN

q030j (limit Depression in section Comorbidities)

Depression

1 Yes

2 No

END OF IF

IF q028k = 1 THEN

q030k (limit Pain and swelling in joints other than the back in section Comorbidities)

Pain and swelling in joints other than the back

1 Yes

2 No

END OF IF


```

IF q028l = 1 THEN
  q030l (limit Osteoporosis in section Comorbidities)
  Osteoporosis
  1 Yes
  2 No
END OF IF

IF q028m = 1 THEN
  q030m (limit Fractures in section Comorbidities)
  Fractures
  1 Yes
  2 No
END OF IF

IF q028n = 1 THEN
  q030n (limit Other problems in section Comorbidities)
  Other medical problems(^q028n_other(1)/^q028n_other(2)/^q028n_other(3))
  1 Yes
  2 No
END OF IF
END OF SUBGROUP
END OF GROUP
END OF IF

```

End of section **Comorbidities**

Start of section **Closing**

CS_001 (HOW PLEASANT INTERVIEW in section Closing)

Could you tell us how interesting or uninteresting you found the questions in this interview?

- 1 Very interesting
- 2 Interesting
- 3 Neither interesting nor uninteresting
- 4 Uninteresting
- 5 Very uninteresting

CS_003 (comments in section Closing)

Do you have any other comments on the interview? Please type these in the box below.(If you have no comments, please click next to complete this survey.)
STRING

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. */*