

if mode = CASI then
End of if

consent_01 (consent)

Vanderbilt University Social Networks, Aging, and Policy Study (VUSNAPS)

CONSENT TO PARTICIPATE IN RESEARCH

You are **ELIGIBLE** to participate in this research study on personal networks being conducted by Professor Tara McKay at Vanderbilt University.

The following information is provided to inform you about the research project and your participation in it. Please read this form carefully and feel free call or email us with any questions you may have about this study and the information given below. You will be able to print or save a copy of this consent form.

Key information about this study

The purpose of this study is to understand the different kinds of personal relationships that older lesbian, gay, bisexual, transgender, nonbinary, and gender nonconforming adults in Tennessee, Alabama, and North Carolina draw on to provide physical and emotional support and to examine how life events like marriage, job change or retirement, illness, and relocation affect those relationships.

Participation in the study involves the completion of **three 60-minute online surveys** over approximately 4 years. The risks of the study to you are minimal and there are no direct benefits to you for taking part in the study. This is not a medical intervention or clinical trial. You will be compensated for your time. Throughout the study, the information you provide in study documents will be kept confidential and will not be linked to your name or other personally identifying information.

You do not have to be in this research study. You may choose not to be in this study and get other treatments without changing your healthcare, services, or other rights. You can stop being in this study at any time. If we learn something new that may affect the risks or benefits of this study, you will be told so that you can decide whether or not you still want to be in this study.

Procedures to be followed and approximate duration of the study

If you agree to be in this study, we will email you a link to a web-based, self-administered survey that you

can complete at your convenience. In the survey, you will be asked to complete a questionnaire about the people you consider your friends and confidants, who you would rely on in case of illness or hardship, and the kinds of activities in which you participate and consider important. We will also ask you about more private things like your physical health and mental health. The survey should take about 60 to 90 minutes to complete.

About 12 to 18 months after the initial survey, we will survey you again regarding the same topics to see what, if anything has changed, and how you have adapted to this change. There will be a third survey about 12 to 18 months after the second, with about the same content and length as the first and second interviews. You do not have to participate, and even if you agree at first, you can always change your mind and drop out. There may also be opportunities to participate in additional surveys. Prior to each survey we will ask for your consent to participate.

Participation in this study will involve a total of about one hour at each of the three waves, or 3 hours total of your time over the next 3-4 years. Because we wish to survey you at subsequent dates, we will also periodically take steps to maintain contact, via email, a phone call, or US postal mail.

consent_02 (consent)

Vanderbilt University Social Networks, Aging, and Policy Study (VUSNAPS)

CONSENT TO PARTICIPATE IN RESEARCH - CONTINUED

Description of the discomforts, inconveniences, and/or risks that can be reasonably expected as a result of participation in this study

While completing the survey, some participants may raise questions about their coping styles, available resources, or health behaviors. At the end of the survey, if you feel at any time that you would like more information on health education, medical care, or stress reduction, we can provide a referral to an appropriate community organization. Please be advised that we are required to follow up directly with participants who report certain mental health issues such as thoughts of suicide and self-harm.

Confidentiality

All efforts, within reason, will be made to keep your personal information in your research record confidential but total confidentiality cannot be guaranteed. Your name will never be attached to your survey answers. No one outside the researchers will be able to connect answers to participant names. If results of this study are published or presented, individual names and other personally identifiable information will not be used. Please be assured that we take precautions to minimize any risk associated with data security, such as encrypting and protecting all files. Your contact information, which we will gather just so we can get back in

touch, will also be safeguarded with the same level of security.

As with all research, there is a chance that confidentiality could be compromised; however, we are taking several precautions to minimize this risk. If any of the research questions make you uncomfortable, **you are free to decline to answer any questions you don't wish to answer, or to stop participating at any time.**

Retaining Research Records

After you have completed the last survey, your personal contact information will be destroyed. We will save the survey data for use in future research studies, but your identity will not be attached to your answers in order to protect your privacy.

consent (consent)

Vanderbilt University Social Networks, Aging, and Policy Study (VUSNAPS)

CONSENT TO PARTICIPATE IN RESEARCH - CONTINUED

Compensation

In return for your time, you will be paid \$40 for completing the first survey, then \$50 for the second survey in about 12 to 18 months, and \$60 for the third survey, about 12 to 18 months after the second. A check will be mailed to you within 6 weeks after each survey. The first time you complete the survey, there will be an additional incentive for referring friends or acquaintances that complete the survey. You will receive \$5 per eligible, complete referral.

Good effects that might result from this study

There is no direct benefit to you from taking part in this study. It is hoped that the research will help individuals and policymakers understand what is important for managing the kinds of changes occurring in life that can be stressful. There are no costs to you for this study.

Study Results

At the end of each survey, you will be asked if you would like to receive study updates via email or mail. Study updates will include information on study findings, dates for the next survey, and information on new studies as appropriate.

What happens if you choose to withdraw from study participation?

You are free to withdraw from the study at any time.

Contact Information

If you should have any questions about this research study, payments, or possibly injury, please feel free to contact:

Sergio Garcia, Study Coordinator: (877) 932-0614 or vusnaps@thehennegroup.com
(<mailto:vusnaps@thehennegroup.com>)

Tara McKay, Vanderbilt Investigator: 615-343-4631 or vusnaps@vanderbilt.edu
(<mailto:vusnaps@vanderbilt.edu>)

For additional information about giving consent or your rights as a participant in this study, to discuss problems, concerns, and questions, or to offer input, please feel free to contact the Institutional Review Board Office at (615) 322-2918 or toll free at (866) 224-8273.

Please check one of the radio buttons below to indicate your consent.

STATEMENT BY PERSON AGREEING TO PARTICIPATE IN THIS STUDY

I have read this informed consent document and the material contained in it has been explained to me verbally. All my questions have been answered, and I freely and voluntarily choose to participate.

Please click here (https://survey.usc.edu/vusnaps/wave1/vusnaps_consent_main.pdf) print or save a copy of this statement for your records.

1

Yes, I would like to participate

2

No, I do not want to participate

if consent != 1 then

thankyou

[Thank you for your interest. If you change your mind, please just contact us toll-free at 1-877-932-0614 or email us at vusnaps@vanderbilt.edu (<mailto:mailto:vusnaps@vanderbilt.edu>). In the meantime, please just click the 'Next >>' button to complete your session./Thank you for your interest, but it seems you are not the person we were hoping to interview. If you think you received this message in error, please just contact us toll-free at 1-877-932-0614 or email us at vusnaps@vanderbilt.edu (<mailto:mailto:vusnaps@vanderbilt.edu>). Otherwise, please just click the 'Next >>' button to complete your session./Thank you for taking the time to complete the VUSNAPS survey. We are very grateful for your participation.

Very soon, you will receive an email that contains your special link for referring other people to the survey. If you think you know someone who may be interested, please give them this link to sign up for the study. You will receive \$5 for every person you refer to the survey (up to 5 people) who is eligible and completes the survey. But we can only track this if you use the referral link. Please use the referral link. If you don't receive an email, please give us a call or send us an email and we will be happy to provide it to you.

In the next few weeks, we will be processing your payment of \$40. Your payment will arrive as a check to the mailing address you provided. If you think this address has an error, please be in touch with us as soon as possible so that we can correct this information.

We are usually able to send your payment quickly, but we are not sure how the coronavirus epidemic will continue to affect this timing due to staffing changes. If you don't receive your check within a month, please give us a call or send us an email and we will be happy to help you.

We look forward to checking in with you again in the next six months or so.

Thank you again for your participation,

The VUSNAPS Team

Tara, KaTerri, and Sergio
Phone: 1-877-932-0614/]

Exit the survey

End of if

intro2 (intro VUSNAPS study)

Before we get started we need to verify that we have the correct answers for you when you signed up for the VUSNAPS study.

a1_name (name confirmation)

Are you [preloaded name[]]?

1 (YES) Yes

2 (NO) No

if a1_name != YES then

thankyou

[Thank you for your interest. If you change your mind, please just contact us toll-free at 1-877-932-0614 or email us at vusnaps@vanderbilt.edu (mailto:mailto:vusnaps@vanderbilt.edu). In the meantime, please just click the 'Next >>' button to complete your session./Thank you for your interest, but it seems you are not the person we were hoping to interview.

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The VUSNAPS Team

Tara, KaTerri, and Sergio
Phone: 1-877-932-0614//]

Exit the survey

End of if

a1_year (year confirmation)

Were you born in [preloaded birth year[]]?

1 (YES) Yes

2 (NO) No

if a1_year != YES then

thankyou

[Thank you for your interest. If you change your mind, please just contact us toll-free at 1-877-932-0614 or email us at vusnaps@vanderbilt.edu (mailto:mailto:vusnaps@vanderbilt.edu). In the meantime, please just click the 'Next >>' button to complete your session./Thank you for your interest, but it seems you are not the person we were hoping to interview. If you think you received this message in error, please just contact us toll-free at 1-877-932-0614 or email us at

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We look forward to checking in with you again in the next six months or so.

Thank you again for your participation,

The VUSNAPS Team

Tara, KaTerri, and Sergio
Phone: 1-877-932-0614/]

Exit the survey

End of if

if preload_k5 = response then

a1_hispanic (correct hispanic, latino or spanish origin)

You told us before that you [are/are not/are/are not] of Hispanic, Latino, or Spanish origin.

Is that correct?

1 (YES) Yes

2 (NO) No

if a1_hispanic = 1 then

Else

End of if

Else

k5 (hispanic, latino or spanish origin)

Are you of Hispanic, Latino or Spanish origin?

1 (YES) Yes

2 (NO) No

End of if

if k6 = response then

a1_race (race confirmation)

You indicated before that your race is: [White/Black, African American/American Indian, (Alaskan Native)/Asian/Other/^k6_other] Is this correct?

1 (YES) Yes

2 (NO) No

if a1_race != YES then

Group of questions presented on the same screen

k6 (race)

What is your race?

1 White

2 Black, African American

3 American Indian, (Alaskan Native)

4 Asian

6 Other:

k6_other (other race)

What is your race?

STRING

End of group of questions

End of if

End of if

if devicecheck = 1 then

phonewarning

It appears that you are currently using a mobile device (such as a smart phone) to access this survey. Please note that in order to have the most optimal survey experience, we strongly recommend you use a desktop or laptop. A tablet may work but a smart phone will be awkward.

If you believe you received this message in error or you wish to continue on your mobile device, then please just click the 'Next>>' button. Otherwise, please just log out using the 'Logout and continue' link in the top right corner of the screen and log into the survey again on a computer.

End of if

sexatbirth (sex at birth)

What sex were you assigned at birth, such as on an original birth certificate?

- 1 Male
- 2 Female
- 3 Other
- 4 Not sure
- 5 Prefer not to answer

intersex (intersex)

Some people are assigned male or female at birth but are born with sexual anatomy, reproductive organs, and/or chromosome patterns that do not fit the typical definition of male or female. This physical condition is known as intersex. Are you intersex?

- 1 Yes
- 2 No
- 3 Not sure
- 4 Prefer not to answer

transgender (transgender)

Do you identify as transgender, gender nonconforming, or is your gender now different than your sex assigned at birth?

- 1 Yes
- 2 No
- 3 Not sure
- 4 Prefer not to answer

Group of questions presented on the same screen

gender_id (gender identification)

We realize that many of us identify in a multitude of ways, but which of the following best describes you? Select all that apply.

- 1 Male/man
- 2 Female/woman
- 3 Transgender
- 4 Nonbinary
- 5 Gender nonconforming
- 6 Agender
- 7 Genderqueer
- 8 Something else (specify):

gender_id_other (other gender identification)

STRING

End of group of questions

h18 (sexual orientation)

How would you describe your sexual orientation?

- 1 Lesbian or gay
- 2 Straight or heterosexual
- 3 Bisexual
- 4 Something else
- 5 Don't know

if h18 = 4 then

Group of questions presented on the same screen

h18_a (sexual orientation something else)

By **Something else**, do you mean that...?

- 1 You are not straight, but identify with another label such as queer, trisexual, omnisexual, or pan-sexual
- 2 You are transgender or transsexual
- 3 You have not or are in the process of figuring out your sexuality
- 4 You do not think of yourself as having a sexuality
- 5 You personally reject all labels of yourself

- 6 You made a mistake and did not mean to pick this answer
- 7 You mean something else:

h18_a_other (other sexual orientation something else)
STRING

End of group of questions

elseif h18 = 5 then

Group of questions presented on the same screen

h18_b (sexual orientation dont know)

By **Don't know**, do you mean that...?

- 1 You don't understand the words
- 2 You understand the words, but you have not or are in the process of figuring out your sexuality
- 3 You mean something else:

h18_b_other (other sexual orientation dont know)
STRING

End of group of questions

End of if

if transgender = 1 then

trans_1 (current day by day gender)

What gender do you typically present to others on a day-to-day basis?

- 1 Man
- 2 Woman
- 3 Neither man nor woman/Nonbinary/No gender
- 4 Part time in one gender, part time in another gender

End of if

if 3 in gender_id OR 4 in gender_id OR 5 in gender_id OR 6 in gender_id OR 7 in gender_id then

nonbinary_1 (what gender people think you are)

For people in your life who don't know that you're [gender identification[]], what gender do they usually think you are?

- 1 Man
- 2 Woman
- 3 Trans man
- 4 Trans woman
- 5 They can't tell
- 6 It varies

nonbinary_2 (response if people think other than non-binary)

When people in your life assume you are something other than non-binary/genderqueer (such as a man or a woman), how do you respond?

- 1 I **usually** let them assume I am a man or a woman
- 2 I **sometimes** tell them I identify as nonbinary or no gender (or whatever words I use)
- 3 I **always** tell them I identify as nonbinary or no gender (or whatever words I use)

End of if

a2a_intro

A main goal of this study is to understand people's social relationships. In this survey, we'll be asking you to tell us about the people you know.

- You'll tell us a first name and maybe also the last initial or a nickname, just so we can tell who is who.
- Some people you might want to name just once, others several times.
- All the names will be kept strictly confidential.

a2a (marital status)

We start with some basics. First, are you currently married, widowed, divorced, separated, or have you never been married? (We will ask about other kinds of relationships shortly.)

- 1 Married
- 2 Widowed
- 3 Divorced
- 4 Separated
- 5 Never married

if a2a = 1 then

Group of questions presented on the same screen

a2b (year of marriage)

In what year did you get married?

RANGE 1900..^FLCurrentYear

a2b_1 (name spouse)

Please write in your spouse's name.

STRING

a2b_2 (name spouse)

Did you live with your spouse before you got married?

1 (YES) Yes

2 (NO) No

End of group of questions

a2e (number of times married)

How many times have you been married? [(including this marriage)]

1 Once

2 Twice

3 Three times

4 4 or more

elseif a2a = 3 OR a2a = 4 then

Group of questions presented on the same screen

a2c (year of divorce/separation)

About how many years or months have you been [marital status[]]?

a2c_months (months of divorce/separation)

End of group of questions

elseif a2a = 2 then

Group of questions presented on the same screen

a2d (year of spouse death)

About how many years or months ago did your spouse pass away?

a2d_months (months spouse died)

End of group of questions

Else

End of if

if a2a = response and a2a != 5 and a2a != 1 then

a2e (number of times married)

How many times have you been married? [(including this marriage)]

1 Once

2 Twice

3 Three times

4 4 or more

End of if

if a2e > 1 then

Group of questions presented on the same screen

a2e_intro

How many of your previous spouses identified as...

a2e_1 (number of spouses identified as male)

a2e_2 (number of spouses identified as female)

a2e_3 (number of spouses identified as transgender)

End of group of questions

End of if

if a2a != 1 then

a3a (in romantic relationship)

Is there someone whom you consider a partner or are in a romantic relationship with?

1 (YES) Yes

2 (NO) No

if a3a = YES then

Group of questions presented on the same screen

a3b (name romantic partner)

Please write in this person's name.

STRING

Subgroup of questions

a3c (how long in romantic relationship)

About how long, in years or months, have you been in that relationship?

a3c_months (months in romantic relationship)

About how long, in years or months, have you been in that relationship?

End of subgroup of questions

End of group of questions

Else

End of if

Else

End of if

Group of questions presented on the same screen

a6_intro2 (We'd also like to know about your parents.)

We'd also like to know about your parents.

a6 (mother still alive)

Is your mother still alive? (*whomever you consider to be your mother.*)

1 (YES) Yes

2 (NO) No

8 Don't know

a7 (father still alive)

Is your father still alive? (*whomever you consider to be your father.*)

1 (YES) Yes

2 (NO) No

8 Don't know

End of group of questions

if a6 = YES and a7 = YES then

a8a (parents together)

Are your parents together?

1 (YES) Yes

2 (NO) No

if a8a = YES then

a8a_2 (live within hours drive)

Do they live within an hour's drive from you?

- 1 (YES) Yes
- 2 (NO) No
- 3 Live with me

Else

a8d (mother live within hours drive)

Does your mother live within an hour's drive from you?

- 1 (YES) Yes
- 2 (NO) No
- 3 Lives with me

a8f (father live within hours drive)

Does your father live within an hour's drive from you?

- 1 (YES) Yes
- 2 (NO) No
- 3 Lives with me

End of if

elseif a6 = YES and a7 != YES then

a8d (mother live within hours drive)

Does your mother live within an hour's drive from you?

- 1 (YES) Yes
- 2 (NO) No
- 3 Lives with me

Group of questions presented on the same screen

a9 (mother has spouse or partner)

Does your mother have a spouse or partner?

- 1 (YES) Yes
- 2 (NO) No
- 8 Don't know

if mode = CAPI then

a9_other

End of if

End of group of questions

elseif a7 = YES and a6 != YES then

a8f (father live within hours drive)

Does your father live within an hour's drive from you?

1 (YES) Yes

2 (NO) No

3 Lives with me

Group of questions presented on the same screen

a10 (father has spouse or partner)

Does your father have a spouse or partner?

1 (YES) Yes

2 (NO) No

8 Don't know

if mode = CAPI then

a10_other

End of if

End of group of questions

End of if

if !(a6 = YES and a7 = YES and a8a = YES) then

a11a (parents ever divorced or split up)

Did your parents ever get divorced or split up?

1 (YES) Yes

2 (NO) No

if a11a = YES then

a11b (how old when parents divorced or split up)

About how old were you at the time that your parents split up?

1 Baby

2 Child

3 Teenager

4 Older

End of if

End of if

if a4_max = empty then

End of if

Group of questions presented on the same screen

a12_intro (intro a12)

Now, we ask who lives with you. Please list the names of all the people, besides you, who live with you at least part of the time, counting all the adults and children, if there are any. [Be sure to include /, if appropriate.]

Loop from 1 to 8

a12 (person in household)

STRING

End of loop

End of group of questions

if a12_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 8

if (cnt2 < 5 OR cnt2 > 4 AND a12_more = YES) AND a12[cnt2] = response AND a12_check[cnt2] = response then

a12_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]:

a12_ask_other (other name for duplicate name person in household)

STRING

Else

End of if

End of loop

End of group of questions

End of if

a12a (anyone moved in)

In the last year or so, has anyone moved in with you and stayed at least a month?

1 (YES) Yes

2 (NO) No

if a12a = YES then

Group of questions presented on the same screen

a12b (who moved in)

Who was that (or were they?) Select all that apply.

- 1 Relative: What kind?:
- 2 Romantic relationship
- 3 Friend
- 4 Roommate
- 5 Other: What?:

a12b_relative (relative moved in)

STRING

a12b_other (other moved in)

STRING

a12c (how much moving in changed life)

Generally speaking, how much did their moving in change your life?

- 1 A lot
- 2 Some
- 3 Not that much

if mode = CAPI then

a12c_other

End of if

a12d (person(s) still live with you)

Does that person or persons still live with you?

- 1 Yes
- 2 No
- 3 Other:

a12d_other (other person(s) still live with you)

STRING

a12e (move in related to coronavirus)

Was this person moving in with you related to the coronavirus epidemic?"

- 1 Yes
- 2 No
- 3 Not sure
- 4 Prefer not to answer

End of group of questions

End of if

Group of questions presented on the same screen

a14a (has step mother or step father not living with)

We'd also like to know a bit about family who do not live with you. Do you have a step-mother or step-father, or both, who does not live with you?

- 1 Yes, a step-mother
- 2 Yes, a step-father
- 3 Both a step-mother and step-father
- 4 No step-parents at all

if mode = CAPI then

a14a_other

End of if

End of group of questions

if a14a = 1 OR a14a = 2 OR a14a = 3 then

a14c (step parents in hours drive)

Does any step-parent live within an hour's drive from you?

- 1 (YES) Yes
- 2 (NO) No

End of if

a15a (has brothers not living with)

Do you have any brothers, step-brothers, or half-brothers who do not live with you?

1 (YES) Yes

2 No

if a15a = YES then

Group of questions presented on the same screen

a15a_intro (number of half brothers not living with)

How many brothers, step-brothers, or half-brothers who do not live with you do you have?

a15a_2 (number of brothers not living with)

a15a_3 (number of step brothers not living with)

a15a_4 (number of half brothers not living with)

End of group of questions

if a15a_2 > 0 OR a15a_3 > 0 OR a15a_4 > 0 then

a15c (any brothers in hours drive)

Does any brother, step-brother, or half-brother live within an hour's drive from you?

1 (YES) Yes

2 (NO) No

End of if

End of if

a16a (has sisters not living with)

Do you have any sisters, step-sisters, or half-sisters who do not live with you?

1 (YES) Yes

2 No

if a16a = YES then

Group of questions presented on the same screen

a16a_intro (number of half brothers not living with)

How many sisters, step-sisters, or half-sisters who do not live with you do you have?

a16a_2 (number of sisters not living with)

a16a_3 (number of step-sisters not living with)

a16a_4 (number of half-sisters not living with)

End of group of questions

if a16a_2 > 0 OR a16a_3 > 0 OR a16a_4 > 0 then

a16c (any sisters in hours drive)

Does any sister, step-sister, or half-sister live within an hour's drive from you?

1 (YES) Yes

2 (NO) No

End of if

End of if

Group of questions presented on the same screen

a17a (any children under 18 not listed)

Do you have any children or step-children under 18 years old who do not live with you? (*biological or adopted*)

1 (YES) Yes

2 (NO) No

End of group of questions

if a17a = YES then

Group of questions presented on the same screen

a17b_intro (any children under 18 not listed)

How many sons and daughters do you have who do not live with you? *(please include biological, step and adopted children)*

a17b_sons (sons)

RANGE 0..9223372036854775807

a17b_daughters (daughters)

RANGE 0..9223372036854775807

a17b_stepsons (step-sons)

RANGE 0..9223372036854775807

a17b_stepdaughters (step-daughters)

RANGE 0..9223372036854775807

End of group of questions

if a17b_sons = 0 AND a17b_daughters = 0 AND a17b_stepsons = 0 AND a17b_stepdaughters = 0 then

a17b_error (error)

You said you have children who live somewhere else, but when we asked how many, you said you have none. Please go back and keep the answer(s) that best describe your situation.

End of if

End of if

Group of questions presented on the same screen

a18a (any children 18 or older not listed)

Do you have any children or step-children 18 years or over who do not live with you? *(biological or adopted)*

1 (YES) Yes

2 (NO) No

End of group of questions

if a18a = YES then

Group of questions presented on the same screen

a18b_intro (any children under 18 not listed)

How many adult sons and adult daughters do you have who do not live with you?

a18b_sons (sons)

RANGE 0..9223372036854775807

a18b_daughters (daughters)

RANGE 0..9223372036854775807

a18b_stepsons (step-sons)

RANGE 0..9223372036854775807

a18b_stepdaughters (step-daughters)

RANGE 0..9223372036854775807

End of group of questions

if a18b_sons = 0 AND a18b_daughters = 0 AND a18b_stepsons = 0 AND a18b_stepdaughters = 0 then

a18b_error (error)

You indicated you have children who live elsewhere, but when asked how many, you said none. Please go back and keep the answer(s) that best describe your situation.

End of if

if a18b_sons > 0 OR a18b_stepsons > 0 then

a18d (live within hours drive)

[Does your adult son live/Do any of your adult sons live] within an hour's drive from you?

1 (YES) Yes

2 (NO) No

End of if

if a18b_daughters > 0 OR a18b_stepdaughters > 0 then

a18f (live within hours drive)

[Does your adult daughter live/Do any of your adult daughters live] within an hour's drive from you?

1 (YES) Yes

2 (NO) No

End of if

End of if

Group of questions presented on the same screen

a19a (own, rent)

Now, we are going to ask about where you live. Do you - or your family - own your (house/apartment) or pay rent?

1 Own

2 Pay rent

3 Other:

a19a_other

STRING

a19b (how long lived in town)

About how many years have you lived in [^city_preload/your current town of residence]?

End of group of questions

if a19b = response and a19b < 2 then

a19d (how far away from old town/neighborhood)

About how far away was your previous [neighborhood/town] from here?

- 1 Within five minutes' drive
- 2 Farther than five minutes' drive

Group of questions presented on the same screen

a19e (how much move affected life)

Generally speaking, how much did this last move change your life?

- 1 A lot
- 2 Some
- 3 Not that much

if mode = CAPI then

a19e_other

End of if

End of group of questions

a19f (what steps taken last time moved)

After this last move, what steps, if any, did you take in order to make new friends? *(Like joining a congregation, going to local bars, volunteering, posting online, going out with coworkers)*

STRING

Else

a19c (how long lived in neighborhood)

And about how many years have you lived in this particular neighborhood?

if a19c = response and a19b = response and a19c > a19b then

errorA18 (You said you have lived longer in your neighborhood than in your town. Please go back to revise your answer(s).)

You said you have lived longer in your neighborhood than in your town of current residence. Please go back to revise your answer(s).

End of if

if a19c = response and a19c < 2 then

a19d (how far away from old town/neighborhood)

About how far away was your previous [neighborhood/town] from here?

1 Within five minutes' drive

2 Farther than five minutes' drive

Group of questions presented on the same screen

a19e (how much move affected life)

Generally speaking, how much did this last move change your life?

1 A lot

2 Some

3 Not that much

if mode = CAPI then

a19e_other

End of if

End of group of questions

a19f (what steps taken last time moved)

After this last move, what steps, if any, did you take in order to make new friends? (*Like joining a congregation, going to local bars, volunteering, posting online, going out with coworkers*)

STRING

End of if

End of if

a19g (what steps taken if to move)

If you were moving to a town far away, what steps would you take in order to make new friends? *(Like joining a congregation, going to local bars, volunteering, posting online, going out with coworkers)*

STRING

Group of questions presented on the same screen

a21 (current job status)

Let's change gears and talk about work. Which of the following best describes your current situation? You can check more than one answer.

- 1 Employed full-time
- 2 Employed part-time
- 3 Going to school
- 4 Unemployed and looking for work
- 5 Unemployed and not looking for work
- 6 Retired
- 7 Home maker, taking care of the home
- 8 Something else:

a21_other (other current job status)

STRING

End of group of questions

if 1 in a21 OR 2 in a21 then

Group of questions presented on the same screen

a22 (how many hours worked last week)

About how many hours a week do you work on the average? Count hours in all your jobs if you have more than one.

a23 (self employed, work someone else, both)

Are you self-employed, do you work for someone else, or both? (That is for your main job, if you have more than one.)

- 1 Self-employed
- 2 Work for someone else
- 3 Both

a24 (kind of work, job title)

What kind of work do you do? That is, what is your job called? (Your main job, if you have more than one.)

STRING

a25 (how many years at current job)

About how many years have you been at your current job? If you have more than one employer, please tell us about the one which you consider to be your primary employer.

End of group of questions

if a25 = response and a25 < 2 then

Group of questions presented on the same screen

a25a (how much affected new job)

Generally speaking, how much did this new job change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

End of if

if 3 in a21 then

Group of questions presented on the same screen

a26 (school full or part time)

Are you going to school full-time or part-time?

- 1 Full-time
- 2 Part-time

a27 (how many years current school)

How many years have you been going to your current school?

End of group of questions

if a27 = response and a27 < 2 then

Group of questions presented on the same screen

a27a (how much affected new school)

Generally speaking, how much did starting school change your life?

1 A lot

2 Some

3 Not that much

End of group of questions

End of if

if not(1 in a21 OR 2 in a21 OR 4 in a21 OR 5 in a21) then

a28 (full time job before school)

Did you have a full-time job before going to this school?

1 (YES) Yes

2 (NO) No

if a28 = yes then

a28a (what was full time job before school)

What kind of work did you [mainly] do? That is, what was your job called?

STRING

End of if

End of if

End of if

if 4 in a21 OR 5 in a21 then

Group of questions presented on the same screen

a29 (what was job before unemployment)

What kind of work did you do just before you became unemployed? That is, what was your job called?

STRING

a30 (how many months unemployment)

How many months has it been since you became unemployed?

a30a (why unemployment)

Why did this job end -- did you quit, were you laid off (or fired), or was the work completed?

- 1 Quit
- 2 Laid off (or fired)
- 3 Work completed
- 4 Other:

a30a_other

STRING

a30b (how much affected ending job)

Generally speaking, how much did ending this job change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

if 6 in a21 then

Group of questions presented on the same screen

a31 (type of work before retirement)

What kind of work did you (mainly) do just before you retired? That is, what was your job called?

STRING

a32 (how long retirement)

About how many years have you been retired?

End of group of questions

if a32 = response and a32 < 2 then

Group of questions presented on the same screen

a32b (how much affected retirement)

Generally speaking, how much did retiring change your life?

1 A lot

2 Some

3 Not that much

End of group of questions

End of if

End of if

if 7 in a21 AND not(1 in a21 OR 2 in a21 OR 4 in a21 OR 5 in a21) then

a33 (how much at home)

About how many years have you been taking care of the home full-time?

if a33 = response and a33 < 2 then

Group of questions presented on the same screen

a33b (how much affected staying home)

Generally speaking, how much did becoming full-time at home change your life?

1 A lot

2 Some

3 Not that much

End of group of questions

End of if

End of if

Loop from 1 to 8

if a12[flagcount] = response then

End of if

if strtoupper(a12[flagcount]) = strtoupper(a3b) and partnerinhousehold = NO then

End of if

End of loop

Group of questions presented on the same screen

b1a_intro (how often meal together)

Next, I am going to ask you about activities that you might do with other people[(including ^FLSpouse)] and about how often you do them.

b1a (how often meal together)

In the last year, about how often did you get together at your or a friend's or relative's house for a meal?

- 1 At least once a week
- 2 A couple of times a month
- 3 About once a month
- 4 A few times a year
- 5 Once a year or less often

b1b (how often eat at restaurant)

In the last year, about how often did you go out to eat at a restaurant with friends or relatives?

- 1 At least once a week
- 2 A couple of times a month
- 3 About once a month
- 4 A few times a year
- 5 Once a year or less often

b1d (how often concerts)

In the last year, about how often did you go out to concerts, plays, clubs, sports, or other events with friends or relatives?

- 1 At least once a week
- 2 A couple of times a month
- 3 About once a month

- 4 A few times a year
- 5 Once a year or less often

b1e (coronavirus affected going out)

Generally speaking, how much has the coronavirus epidemic affected how often you see or go out with friends?

- 1 A lot
- 2 Some
- 3 Not at all

End of group of questions

if b2_max = empty then

End of if

Group of questions presented on the same screen

b2a_intro (Please think about people you typically do these sorts of things with – or other social things as well, such as going shopping, out for coffee or...)

Please think about people you typically do these sorts of things with – or other social things as well, such as going shopping, out for drinks, to the park, or just hanging out. Who are the people you usually do these sorts of things with? [Include ^FLSpouse if appropriate.] If you think of couples, please put each person on a separate line.

Loop from 1 to 9

b2a (name)
STRING

End of loop

End of group of questions

if b2a_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 9

if b2a[cnt2] = response AND b2a_check[cnt2] = response then

b2a_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]

b2a_ask_other (other name for duplicate name person b2a)

STRING

Else

End of if

End of loop

End of group of questions

End of if

Group of questions presented on the same screen

b3a (type of organizations active in)

We'd like to know what kinds of organizations you actively participate in. Which of the following kinds of organizations are you active in? Check all that apply.

1 Professional association, business group

2 Organized sports team

3 Neighborhood or block association

4 A service organization (like the Rotary, Red Cross, or a food bank)

5 A religious organization like a church or synagogue

6 A local performing arts or cultural organization (like a choir or amateur theater)

7 An LGBT organization

8 A political organization

9 An organization for seniors

10 Another kind of organization:

11 None

b3a_other (other type of organizations active in)

STRING

b3b (active in informal groups)

Are you active in any informal kinds of groups - such as getting together regularly with a group of people to do things like discuss books, play sports, do bible study, go to the movies, play cards, or meet at a bar?

1 (YES) Yes

2 (NO) No

End of group of questions

b4 (ever confide in someone)

Sometimes personal matters come up that concern people, like issues about relationships, important things in their lives, or difficult experiences. Do you ever confide in someone about these sorts of things or do you never confide in anyone?

1 Yes

2 No, never confide

if b4 = 1 then

if b4_max = empty then

End of if

Group of questions presented on the same screen

b4a_intro (Please think about people you typically do these sorts of things with – or other social things as well, such as going shopping, out for coffee or...)

Who do you confide in about these sorts of things? [Include ^FLSpouse if appropriate.] *These can be different people for different matters.*

Loop from 1 to 6

b4a (name)

STRING

End of loop

End of group of questions

if b4a_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 6

if b4a[cnt2] = response AND b4a_check[cnt2] = response then

b4a_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]:

b4a_ask_other (other name for duplicate name person

b2a)

STRING

Else

End of if

End of loop

End of group of questions

End of if

Else

End of if

b5 (people to seek advice)

When you have to make important decisions – for example, about taking a job, family issues, or health problems – are there any people whose advice you seek out or would seek out in making those decisions? They can be family, friends, or professional advisors.

- 1 Yes, there are people
- 2 No people

if b5 = 1 then

if b5_max = empty then
End of if

Group of questions presented on the same screen

b5a_intro (When you have to make important decisions – for example, about taking a job, family issues, or health problems – whose advice do you seek out --...)

Whose advice do you or would you seek out? *(These can be different people for different matters.)*

Loop from 1 to 6

b5a (name)
STRING

End of loop

End of group of questions

if b5a_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 6

if b5a[cnt2] = response AND b5a_check[cnt2] = response then

b5a_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]:

b5a_ask_other (other name for duplicate name)
STRING

Else
End of if

End of loop

End of group of questions

End of if

Else
End of if

b6a (anyone given practical help)

In the last few months, have any friends, relatives, or acquaintances[(who do not live with you)] given you any practical help like moving furniture, doing repairs, picking up something at the store, looking after a child, giving you a ride, or things like that?

1 (YES) Yes

2 (NO) No

if b6a = yes then

if b6_max = empty then
End of if

Group of questions presented on the same screen

b6b_intro (When you have to make important decisions – for example, about taking a job, family issues, or health problems – whose advice do you seek out --...)

Please give us the names of people who have done things like this for you in the last few months.

Loop from 1 to 6

b6b (checked name)
STRING

End of loop

End of group of questions

if peopleinhousehold = YES then

if b6b_household_flag = 1 then

b6b_warning
Thank you, but can you give us only the names of people who do not live with you in answer to this question? Please go back to change your answer.

End of if

End of if

if b6b_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 6

if b6b[cnt2] = response AND b6b_check[cnt2] = response then

b6b_ask (ask duplicate name person in household)
[[]]
1 (YES) Yes
2 (NO) No. [[]]:

b6b_ask_other (other name for duplicate name)
STRING

Else
End of if

End of loop

End of group of questions

End of if

Else
End of if

Group of questions presented on the same screen

b7a (injured who ask for help)

If you were seriously injured or sick and needed some help for a couple of weeks with things such as preparing meals and getting around, who would you ask? Check all that apply.

- 1 Ask particular people I know for help
- 2 Ask a group for help: What group would that be?
- 3 Pay for help
- 4 Other: What would that be?

b7a_group (group injured who ask for help)

STRING

b7a_other (other injured who ask for help)

STRING

End of group of questions

if not(1 in b7a) then

b7b (are people can ask for help)

But if you needed to, are there particular people you could ask for help?

1 (YES) Yes
2 (NO) No

End of if

if 1 in b7a OR (!(1 in b7a) AND b7b = YES) then

if b7_max = empty then

End of if

Group of questions presented on the same screen

b7c_intro (When you have to make important decisions – for example, about taking a job, family issues, or health problems – whose advice do you seek out --...)

Who would those people be? These can be people you have named before or new people.

Loop from 1 to 6

b7c (name)
STRING

End of loop

End of group of questions

if b7c_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 6

if b7c[cnt2] = response AND b7c_check[cnt2] = response then

b7c_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]:

b7c_ask_other (other name for duplicate name)
STRING

Else
End of if

End of loop

End of group of questions

End of if

Else
End of if

b11a (coronavirus particular people asked for help)

During the current coronavirus epidemic, are there particular people that you have asked for help with things such as getting groceries, running errands, or getting to a doctor?

1 Yes

2 No

if b11a = 1 then

if b11_max = empty then

End of if

Group of questions presented on the same screen

b11b_intro

Who would those people be? These can be people you have named before or new people.

Loop from 1 to 6

b11b (name)
STRING

End of loop

End of group of questions

if b11b_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 6

if b11b[cnt2] = response AND b11b_check[cnt2] = response then

b11b_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]

b11b_ask_other (other name for duplicate name person

b11b)

STRING

Else

End of if

End of loop

End of group of questions

End of if

Else
End of if

if b8_max = empty then
End of if

Group of questions presented on the same screen

b8a_intro (We have been asking about people who help you out in different ways, with practical things, or with advice, or just by listening. Who are the peo...)

We have been asking about people who help you out in different ways. Now, let's turn things around. Who are the people that you help out practically, or with advice, or in other kinds of ways at least occasionally? They can be people you've already named or new people.

Loop from 1 to 6

b8a (name)
STRING

End of loop

End of group of questions

if b8a_duplicates = YES then

Group of questions presented on the same screen

dupintro (It seems you may have mentioned names that are similar to, but not exactly the same, as ones you provided in earlier question(s). We would like t...)

It seems one or more of the names you mention may refer to the name(s) of person(s) you provided in earlier question(s). We would like to ask you to indicate whether the name(s) listed below are in fact referring to the same person or not.

Loop from 1 to 6

if b8a[cnt2] = response AND b8a_check[cnt2] = response then

b8a_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]:

b8a_ask_other (other name for duplicate name)

STRING

Else

End of if

End of loop

End of group of questions

End of if

b12a (corona helped anyone)

During the current coronavirus epidemic, are there particular people that you have helped with things such as getting groceries, running errands, or getting to a doctor?

1 Yes

2 No

if b12a = 1 then

Group of questions presented on the same screen

b12b_intro

Who would those people be? These can be people you have named before or new people.

Loop from 1 to 6

b12b (name)
STRING

End of loop

End of group of questions

if b12b_duplicates = YES then

Group of questions presented on the same screen

dupintro (It seems you may have mentioned names that are similar to, but not exactly the same, as ones you provided in earlier question(s). We would like t...)
It seems one or more of the names you mention may refer to the name(s) of person(s) you provided in earlier question(s). We would like to ask you to indicate whether the name(s) listed below are in fact referring to the same person or not.

Loop from 1 to 6

if b12b[cnt2] = response AND b12b_check[cnt2] = response then

b12b_ask (ask duplicate name person in household)
[[]]
1 (YES) Yes
2 (NO) No. [[]]

b12b_ask_other (other name for duplicate name person b12b)
STRING

Else
End of if

End of loop

End of group of questions

End of if

Else

End of if

if b9_max = empty then

End of if

Group of questions presented on the same screen

b9a_intro (We have been asking about people who help you out in different ways, with practical things, or with advice, or just by listening. Who are the peo...)

There are sometimes people we know who ask a lot of us, who are sometimes demanding or difficult. Who are the people that you sometimes find demanding or difficult? They can be people you've already named or new people.

Loop from 1 to 6

b9a (name)

STRING

End of loop

End of group of questions

if b9a_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 6

if b9a[cnt2] = response AND b9a_check[cnt2] = response then

b9a_ask (ask duplicate name person in household)

[[
1 (YES) Yes
2 (NO) No. [[]:

b9a_ask_other (other name for duplicate name)
STRING

Else
End of if

End of loop

End of group of questions

End of if

Loop from 1 to 6

if tempcount = 3 then
End of if

if b9a[cnt6] = response then

Group of questions presented on the same screen

b10 (what do when find difficulty)

What do you usually do when you find [name[]] difficult? Check all the answers that apply.

- 1 Nothing
- 2 Try to accommodate [name[]]
- 3 Avoid [name[]]
- 4 Try to get [name[]] to change
- 5 Talk to someone else
- 6 Something else:

b10_other (other what do when find difficulty)

STRING

End of group of questions

End of if

End of loop

c_intro (You gave us the names of people important to you. Now, we'd like to know some more about each one. Remember, we only have their first names and i...)

You gave us the names of people important to you. Now, we'd like to know some more about each one.

Loop from 1 to NUMBEROFNAMES

if names[cnt] = response then

if (c1a[cnt] = empty AND strtoupper(names[cnt]) = strtoupper(a2b_1)) then

elseif (c1a[cnt] = empty AND strtoupper(names[cnt]) = strtoupper(a3b)) then

End of if

Group of questions presented on the same screen

c1a (relationship)

[People can be connected to each other in a few different ways, even family members. Below is a list of ways that people can be connected to each other. When a name appears, please check all the ways that you are connected with this person nowadays. You might be connected with some people in more than one way.

] What are all the ways you are currently connected to [[]]? For example, [[]] is my...

- 1 Spouse/partner
- 2 In a romantic relationship, but not married

Family:

- 3 Parent
- 23 Step-parent
- 4 Child
- 24 Step-child
- 5 Brother/sister
- 25 Step-brother/step-sister

- 26 Half-brother/half-sister
- 6 Other relatives, including ex's (please specify):

Other connections:

- 10 Housemate/roommate
- 11 Neighbor
- 12 Someone I know at work
- 13 Someone I know at school
- 14 Someone I know at church, synagogue, temple, or mosque

- 20 Friend
- 21 Acquaintance
- 22 Know another way (please specify):

c1a_relative (relative relationship)
STRING

c1a_other (other relationship)
STRING

End of group of questions

End of if

End of loop

if havenames = YES then

c2 (Now we would like you to look at the list of names and just check off names in answer to several questions. (If you don't know or not sure about ...))

Now we would like you to look at the list of names and just check off names in answer to several questions. *(If you don't know or are not sure about a person, don't check him or her off.)*

c1b (gender)

Which of the people on this list are [male or transgender male/female or transgender female/female or transgender female]?

- 1
- 2
- 3

4 []
5 []
6 []
7 []
8 []
9 []
10 []
11 []
12 []
13 []
14 []
15 []
16 []
17 []
18 []
19 []
20 []
21 []
22 []
23 []
24 []
25 []
26 []
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36 []
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38 []
39 []
40 []
41 []
42 []
43 []
44 []
45 []
46 []
47 []
48 []
49 []
50 []

- 51
- 52
- 53
- 54
- 55
- 56
- 57
- 58
- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69
- 101 All of them
- 100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c1b then

Else

End of if

End of loop

c2i (also lesbian or gay)

Which of the people on this list also identify as lesbian, gay, bisexual, transgender, or nonbinary? *(If you are not sure of the identities of these people, do not check the name.)*

- 1
- 2
- 3
- 4
- 5
- 6
- 7

8 []
9 []
10 []
11 []
12 []
13 []
14 []
15 []
16 []
17 []
18 []
19 []
20 []
21 []
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51 []
52 []
53 []
54 []

- 55
- 56
- 57
- 58
- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69
- 101 All of them
- 100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2i then

Else

End of if

End of loop

c2j (people who know sexual orientation or gender identity)

Which of the people on this list are you out to, that is, who knows your sexual orientation or gender identity? (If you are not sure whether any of these people know about your sexual orientation or gender identity, do not check the name.)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

12 []
13 []
14 []
15 []
16 []
17 []
18 []
19 []
20 []
21 []
22 []
23 []
24 []
25 []
26 []
27 []
28 []
29 []
30 []
31 []
32 []
33 []
34 []
35 []
36 []
37 []
38 []
39 []
40 []
41 []
42 []
43 []
44 []
45 []
46 []
47 []
48 []
49 []
50 []
51 []
52 []
53 []
54 []
55 []
56 []
57 []
58 []

- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69
- 101 All of them
- 100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2j then

Else

End of if

End of loop

c1c_same (same age)

Which of the people on this list are about 50 to 70 years old?

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

17 []
18 []
19 []
20 []
21 []
22 []
23 []
24 []
25 []
26 []
27 []
28 []
29 []
30 []
31 []
32 []
33 []
34 []
35 []
36 []
37 []
38 []
39 []
40 []
41 []
42 []
43 []
44 []
45 []
46 []
47 []
48 []
49 []
50 []
51 []
52 []
53 []
54 []
55 []
56 []
57 []
58 []
59 []
60 []
61 []
62 []
63 []

- 64 []
- 65 []
- 66 []
- 67 []
- 68 []
- 69 []
- 101 All of them
- 100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt1 in c1c_same then

Else

End of if

End of loop

if sizeof(c1c_subnames) > 0 then

c1c_older (older age)

Which of the people on this list are about 70 or older?

- 1 [names for c1c[]]
- 2 [names for c1c[]]
- 3 [names for c1c[]]
- 4 [names for c1c[]]
- 5 [names for c1c[]]
- 6 [names for c1c[]]
- 7 [names for c1c[]]
- 8 [names for c1c[]]
- 9 [names for c1c[]]
- 10 [names for c1c[]]
- 11 [names for c1c[]]
- 12 [names for c1c[]]
- 13 [names for c1c[]]
- 14 [names for c1c[]]
- 15 [names for c1c[]]
- 16 [names for c1c[]]
- 17 [names for c1c[]]
- 18 [names for c1c[]]
- 19 [names for c1c[]]

20 [names for c1c[]]
21 [names for c1c[]]
22 [names for c1c[]]
23 [names for c1c[]]
24 [names for c1c[]]
25 [names for c1c[]]
26 [names for c1c[]]
27 [names for c1c[]]
28 [names for c1c[]]
29 [names for c1c[]]
30 [names for c1c[]]
31 [names for c1c[]]
32 [names for c1c[]]
33 [names for c1c[]]
34 [names for c1c[]]
35 [names for c1c[]]
36 [names for c1c[]]
37 [names for c1c[]]
38 [names for c1c[]]
39 [names for c1c[]]
40 [names for c1c[]]
41 [names for c1c[]]
42 [names for c1c[]]
43 [names for c1c[]]
44 [names for c1c[]]
45 [names for c1c[]]
46 [names for c1c[]]
47 [names for c1c[]]
48 [names for c1c[]]
49 [names for c1c[]]
50 [names for c1c[]]
51 [names for c1c[]]
52 [names for c1c[]]
53 [names for c1c[]]
54 [names for c1c[]]
55 [names for c1c[]]
56 [names for c1c[]]
57 [names for c1c[]]
58 [names for c1c[]]
59 [names for c1c[]]
60 [names for c1c[]]
61 [names for c1c[]]
62 [names for c1c[]]
63 [names for c1c[]]
64 [names for c1c[]]
65 [names for c1c[]]
66 [names for c1c[]]

- 67 [names for c1c[]]
- 68 [names for c1c[]]
- 69 [names for c1c[]]
- 101 All of them
- 100 None of them

End of if

Loop from 1 to NUMBEROFNAMES

if cnt in c1c_older then

Else

End of if

End of loop

c2a (meet in last year)

Which of the people on this list did you meet just in the last year or so?

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22

23 []
24 []
25 []
26 []
27 []
28 []
29 []
30 []
31 []
32 []
33 []
34 []
35 []
36 []
37 []
38 []
39 []
40 []
41 []
42 []
43 []
44 []
45 []
46 []
47 []
48 []
49 []
50 []
51 []
52 []
53 []
54 []
55 []
56 []
57 []
58 []
59 []
60 []
61 []
62 []
63 []
64 []
65 []
66 []
67 []
68 []
69 []

101 All of them
100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2a then

Else

End of if

End of loop

c2b (feel close)

Which of the people on this list do you feel especially close to?

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27

- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46
- 47
- 48
- 49
- 50
- 51
- 52
- 53
- 54
- 55
- 56
- 57
- 58
- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69

101 All of them

100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2b then

Else

End of if

End of loop

if sizeof(c2c_subnames) > 0 then

c2c (live within few minutes drive)

Which of the people on this list live in your neighborhood – say, within a 5-minute drive or so?

1 [names for c2c[]]

2 [names for c2c[]]

3 [names for c2c[]]

4 [names for c2c[]]

5 [names for c2c[]]

6 [names for c2c[]]

7 [names for c2c[]]

8 [names for c2c[]]

9 [names for c2c[]]

10 [names for c2c[]]

11 [names for c2c[]]

12 [names for c2c[]]

13 [names for c2c[]]

14 [names for c2c[]]

15 [names for c2c[]]

16 [names for c2c[]]

17 [names for c2c[]]

18 [names for c2c[]]

19 [names for c2c[]]

20 [names for c2c[]]

21 [names for c2c[]]

22 [names for c2c[]]

23 [names for c2c[]]

24 [names for c2c[]]

25 [names for c2c[]]

26 [names for c2c[]]

27 [names for c2c[]]

28 [names for c2c[]]

29 [names for c2c[]]

30 [names for c2c[]]
31 [names for c2c[]]
32 [names for c2c[]]
33 [names for c2c[]]
34 [names for c2c[]]
35 [names for c2c[]]
36 [names for c2c[]]
37 [names for c2c[]]
38 [names for c2c[]]
39 [names for c2c[]]
40 [names for c2c[]]
41 [names for c2c[]]
42 [names for c2c[]]
43 [names for c2c[]]
44 [names for c2c[]]
45 [names for c2c[]]
46 [names for c2c[]]
47 [names for c2c[]]
48 [names for c2c[]]
49 [names for c2c[]]
50 [names for c2c[]]
51 [names for c2c[]]
52 [names for c2c[]]
53 [names for c2c[]]
54 [names for c2c[]]
55 [names for c2c[]]
56 [names for c2c[]]
57 [names for c2c[]]
58 [names for c2c[]]
59 [names for c2c[]]
60 [names for c2c[]]
61 [names for c2c[]]
62 [names for c2c[]]
63 [names for c2c[]]
64 [names for c2c[]]
65 [names for c2c[]]
66 [names for c2c[]]
67 [names for c2c[]]
68 [names for c2c[]]
69 [names for c2c[]]
101 All of them
100 None of them

End of if

Loop from 1 to NUMBEROFNAMES

if cnt1 in c2c then

Else

End of if

End of loop

if sizeof(c2c_subnames) > 0 then

if sizeof(subnames) > 0 then

c2d (live within hours drive)

Which of the people on this list live over an hour's drive away from you?

1

2

3

4

5

6

7

8

9

10

11

12

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14

15

16

17

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20

21

22

23

24

25

26

27

28 []
29 []
30 []
31 []
32 []
33 []
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36 []
37 []
38 []
39 []
40 []
41 []
42 []
43 []
44 []
45 []
46 []
47 []
48 []
49 []
50 []
51 []
52 []
53 []
54 []
55 []
56 []
57 []
58 []
59 []
60 []
61 []
62 []
63 []
64 []
65 []
66 []
67 []
68 []
69 []

101 All of them

100 None of them

End of if

End of if

Loop from 1 to NUMBEROFNAMES

if cnt in c2d then

Else

End of if

End of loop

if 1 in a21 OR 2 in a21 OR 4 in a21 or 5 in a21 or 6 in a21 then

c2e1 (same kind of work)

Which of the people on this list do/did the same kind of work as you do/did?

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27

- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46
- 47
- 48
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- 51
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- 55
- 56
- 57
- 58
- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69

101 All of them

100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2e1 then

Else

End of if

End of loop

End of if

if 3 in a21 then

c2e2 (going to school)

Which of the people on this list are also going to school?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46
- 47
- 48
- 49
- 50
- 51
- 52
- 53
- 54
- 55
- 56
- 57
- 58
- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69

101 All of them

100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2e2 then

Else

End of if

End of loop

End of if

if 4 in a21 OR 5 in a21 then

c2e4 (unemployed)

Which of the people on this list are also unemployed?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46
- 47
- 48
- 49
- 50
- 51
- 52
- 53
- 54
- 55
- 56
- 57
- 58
- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69

101 All of them

100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2e4 then

Else

End of if

End of loop

End of if

if 7 in a21 AND not(1 in a21 OR 2 in a21 OR 3 in a21) then

c2e3 (keeping home)

Which of the people on this list also take care at home (do not have a paid job)?

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27

- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46
- 47
- 48
- 49
- 50
- 51
- 52
- 53
- 54
- 55
- 56
- 57
- 58
- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69

101 All of them

100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2e3 then

Else

End of if

End of loop

End of if

c2f (same religion)

Which of the people on this list are of the same religion as you are? *(If you have no religion, then check those who you know also have no religion)*

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28

29 []
30 []
31 []
32 []
33 []
34 []
35 []
36 []
37 []
38 []
39 []
40 []
41 []
42 []
43 []
44 []
45 []
46 []
47 []
48 []
49 []
50 []
51 []
52 []
53 []
54 []
55 []
56 []
57 []
58 []
59 []
60 []
61 []
62 []
63 []
64 []
65 []
66 []
67 []
68 []
69 []

101 All of them

100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2f then

Else

End of if

End of loop

c2g (same racial, ethnic background)

Which of the people on this list are from the same racial or ethnic background as you are? (*However you define your race or ethnicity for yourself.*)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 29
- 30
- 31
- 32
- 33

```
34 []
35 []
36 []
37 []
38 []
39 []
40 []
41 []
42 []
43 []
44 []
45 []
46 []
47 []
48 []
49 []
50 []
51 []
52 []
53 []
54 []
55 []
56 []
57 []
58 []
59 []
60 []
61 []
62 []
63 []
64 []
65 []
66 []
67 []
68 []
69 []
101 All of them
100 None of them
```

Loop from 1 to NUMBEROFNAMES

if cnt in c2g then

Else

End of if

End of loop

c2h (same political attitudes)

Which of the people on this list hold political opinions that are different from yours? *(If you are unsure about their opinions, do not check off the name.)*

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38

```
39 []
40 []
41 []
42 []
43 []
44 []
45 []
46 []
47 []
48 []
49 []
50 []
51 []
52 []
53 []
54 []
55 []
56 []
57 []
58 []
59 []
60 []
61 []
62 []
63 []
64 []
65 []
66 []
67 []
68 []
69 []
101 All of them
100 None of them
```

Loop from 1 to NUMBEROFNAMES

if cnt in c2h then

Else

End of if

End of loop

c2k (people in touch with corona)

During the current coronavirus epidemic, which of the people on this list are people that you are especially sure to stay in touch with (by phone, email, text, in person, video, etc.)?

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44

45 []
46 []
47 []
48 []
49 []
50 []
51 []
52 []
53 []
54 []
55 []
56 []
57 []
58 []
59 []
60 []
61 []
62 []
63 []
64 []
65 []
66 []
67 []
68 []
69 []
101 All of them
100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2k then

Else

End of if

End of loop

c2l (people more part corona)

Which of the people on this list are people are more a part of your life than usual because of the coronavirus epidemic?

1 []
2 []

3 []
4 []
5 []
6 []
7 []
8 []
9 []
10 []
11 []
12 []
13 []
14 []
15 []
16 []
17 []
18 []
19 []
20 []
21 []
22 []
23 []
24 []
25 []
26 []
27 []
28 []
29 []
30 []
31 []
32 []
33 []
34 []
35 []
36 []
37 []
38 []
39 []
40 []
41 []
42 []
43 []
44 []
45 []
46 []
47 []
48 []
49 []

- 50
- 51
- 52
- 53
- 54
- 55
- 56
- 57
- 58
- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69
- 101 All of them
- 100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2l then

Else

End of if

End of loop

c2m (people less part corona)

Which of the people on this list are people are less a part of your life than usual because of the coronavirus epidemic?

- 1
- 2
- 3
- 4
- 5
- 6
- 7

8 []
9 []
10 []
11 []
12 []
13 []
14 []
15 []
16 []
17 []
18 []
19 []
20 []
21 []
22 []
23 []
24 []
25 []
26 []
27 []
28 []
29 []
30 []
31 []
32 []
33 []
34 []
35 []
36 []
37 []
38 []
39 []
40 []
41 []
42 []
43 []
44 []
45 []
46 []
47 []
48 []
49 []
50 []
51 []
52 []
53 []
54 []

55 []
56 []
57 []
58 []
59 []
60 []
61 []
62 []
63 []
64 []
65 []
66 []
67 []
68 []
69 []
101 All of them
100 None of them

Loop from 1 to NUMBEROFNAMES

if cnt in c2m then

Else

End of if

End of loop

End of if

Loop from 1 to 5

if selectednames[cnt] = response then

if asked = NO then

d1 (We next ask further questions about just a few of the people you named. (We chose which particular names in a way to get at the variety of peo...)
We next ask further questions about []. (We chose these to get at the variety of people you have named.) [Let's start with ^selectednames[cnt]./Now let's talk about ^selectednames[cnt].]

End of if

Group of questions presented on the same screen

d1a (how met)

Here is a list of ways that people meet . Which one of the following ways best describes how you first met [selected names[]]. Choose one.

- 1 Same family by birth [for example, parents, children, siblings, cousins, etc.]
- 2 Same family by marriage [in-laws]
- 3 Grew up in the same neighborhood
- 4 Met in grade school or high school
- 5 Met in college or postgraduate program
- 6 Met as neighbors
- 7 Met at work
- 8 Met in church, synagogue, temple, or mosque
- 9 Met in another group or organization
- 10 Met through a friend
- 11 Met through my spouse or partner
- 12 Met through my child
- 13 Met online, on the Internet
- 14 Other:

d1a_other (other how met)

STRING

End of group of questions

d1b (how long known)

About how many years have you known [selected names[]]?

RANGE 0.0..120.0

Group of questions presented on the same screen

if not(1 in d1c_relationship[cnt] OR 2 in d1c_relationship[cnt]) then

d1c (has spouse/partner)

Does [selected names[]] have a spouse or partner?

- 1 Yes
- 2 No

8 Don't know

End of if

End of group of questions

Group of questions presented on the same screen

d1f (how often see in person)

About how often do you see [selected names[]] in person these days?

- 1 At least once a day
- 2 At least once a week
- 3 At least once a month
- 4 A few times a year
- 5 Once a year or less
- 6 Never

d1g (how often talk on phone)

About how often do you talk to [selected names[]] by phone (home phone or cellphone) these days?

- 1 At least once a day
- 2 At least once a week
- 3 At least once a month
- 4 A few times a year
- 5 Once a year or less
- 6 Never

d1h (how often communicate online)

And about how often do you communicate with [selected names[]] by text, e-mail, or other ways online these days?

- 1 At least once a day
- 2 At least once a week
- 3 At least once a month
- 4 A few times a year
- 5 Once a year or less
- 6 Never

End of group of questions

d1i (recently suffered problem)

In the last year or so, has [selected names[]] gone through a major life change, such as moving, getting married or divorced, having a child, changing jobs, or gotten seriously ill?

1 (YES) Yes

2 (NO) No

if d1i[cnt] = YES then

d1ia (recently suffered problem)

Can you tell me what that was?

STRING

End of if

Group of questions presented on the same screen

d1k (how obliged to help)

Suppose [selected names[]] asked you for a big favor -- for example, to move in with you for a couple of weeks, to borrow a lot of money, to have his/her/their kids stay with you for a few days, or something else like this. Setting aside whether or not you would want to do this favor for [selected names[]], would you feel obligated to say yes if you could?

1 I would feel very obligated

2 I would feel moderately obligated

3 I would feel a little obligated

4 I would not feel obligated

d1l (how likely ask for favor)

How likely is it that [selected names[]] would ask you for a favor like this if he/she needed it?

1 Definitely would

2 Probably would

3 Probably would not

4 Definitely would not

End of group of questions

End of if

End of loop

if numberofnames > 1 then

Group of questions presented on the same screen

d2_intro (Now, we'd like to find out how well these people know each other. We'll ask, for each pair, if they know one another well, know one another a lit...)
Now, we'd like to find out how well these people know each other. We'll ask, for each pair, if they know one another well, know one another a little, or do not know one another at all.

if numberofnames > 1 then

d2a (How about selectednames[1] and selectednames[2]?)
How about [selected names[]] and [selected names[]]?
1 Know each other well
2 Know each other a little
3 Do not know each other

End of if

if numberofnames > 2 then

d2b (How about selectednames[1] and selectednames[3]?)
What about [selected names[]] and [selected names[]]?
1 Know each other well
2 Know each other a little
3 Do not know each other

End of if

if numberofnames > 3 then

d2c (How about selectednames[1] and selectednames[4]?)
What about [selected names[]] and [selected names[]]?
1 Know each other well
2 Know each other a little
3 Do not know each other

End of if

if numberofnames > 4 then

d2d (How about selectednames[1] and selectednames[5]?)
What about [selected names[]] and [selected names[]]?
1 Know each other well
2 Know each other a little
3 Do not know each other

End of if

End of group of questions

if numberofnames > 2 then

Group of questions presented on the same screen

if numberofnames > 2 then

d2e (How about selectednames[2] and selectednames[3]?)
What about [selected names[]] and [selected names[]]?
1 Know each other well
2 Know each other a little
3 Do not know each other

End of if

if numberofnames > 3 then

d2f (How about selectednames[2] and selectednames[4]?)
What about [selected names[]] and [selected names[]]?
1 Know each other well
2 Know each other a little
3 Do not know each other

End of if

if numberofnames > 4 then

d2g (How about selectednames[2] and selectednames[5]?)

What about [selected names[]] and [selected names[]]?

- 1 Know each other well
- 2 Know each other a little
- 3 Do not know each other

End of if

if numberofnames > 3 then

d2h (How about selectednames[3] and selectednames[4]?)

What about [selected names[]] and [selected names[]]?

- 1 Know each other well
- 2 Know each other a little
- 3 Do not know each other

End of if

End of group of questions

End of if

if numberofnames > 4 then

Group of questions presented on the same screen

if numberofnames > 4 then

d2i (How about selectednames[3] and selectednames[5]?)

What about [selected names[]] and [selected names[]]?

- 1 Know each other well
- 2 Know each other a little
- 3 Do not know each other

End of if

if numberofnames > 4 then

d2j (How about selectednames[4] and selectednames[5]?)

What about [selected names[]] and [selected names[]]?

- 1 Know each other well
- 2 Know each other a little
- 3 Do not know each other

End of if

End of group of questions

End of if

End of if

Group of questions presented on the same screen

e_intro (Now, we'd like to ask you a few broader questions about the people you know.)
Now, we'd like to ask you a few broader questions about the people you know.

e1a (relatives for help with illness)

If you had a serious problem, like a life-threatening illness or possibly losing your home, do you feel that you have some relatives that you can rely on to help?

- 1 Definitely have
- 2 Probably have
- 3 Might have
- 4 Probably don't have

e1b (open relatives)

What is it about your relatives or your connection to them that makes you say that?
STRING

End of group of questions

Group of questions presented on the same screen

e2a (friends to rely on with illness)

If you had a serious problem, like a life-threatening illness or possibly losing your home, do you feel that you have some friends that you can rely on to help?

- 1 Definitely have
- 2 Probably have

- 3 Might have**
- 4 Probably don't have**

e2b (open friends)

What is it about your friends or your connection to them that makes you say that?

STRING

End of group of questions

Group of questions presented on the same screen

e3 (wish knew more people talk personal concerns)

Do you sometimes wish you knew more people you could talk with about your personal concerns or do you feel you already know enough people to talk with right now?

- 1 Wish I knew more**
- 2 Know enough already**

e3a (wish knew more people talk about sexual orientation or gender identity)

Do you sometimes wish you knew more people you could talk to about your sexual orientation or gender identity?

- 1 Wish I knew more**
- 2 Know enough already**

e4 (wish knew more people get together)

Do you sometimes wish you knew more people you could get together with to have a good time, or do you feel you already know enough people to have a good time with?

- 1 Wish I knew more**
- 2 Know enough already**

e5 (wish knew more people for help)

Do you sometimes wish you knew more people who could help you with things like work around the house or shopping for you if you're sick, or do you already know enough people to rely on for help?

- 1 Wish I knew more**
- 2 Know enough already**

End of group of questions

Group of questions presented on the same screen

e6 (anything to add)

We've covered a lot about your social relationships, but is there something you'd like to add?

1 Yes:

2 No

e6_other (anything to add)

We've covered a lot about your social relationships, but is there something you'd like to add?

STRING

End of group of questions

f_intro (We are interested in important things in your life that have happened to you in the last year or so. We may have asked about a couple of them ea...)

We are interested in important things in your life that have happened to you in the last year or so. The next set of questions ask about specific kinds of events that may have happened to you.

if a30 = empty then

if 1 in a21 OR 2 in a21 then

f1a (any major problems at work)

In roughly the last year, have you had any major problems at work? ("Major problems" can be anything from shorter hours, or overwork, to not getting along with people.)

1 (YES) Yes

2 (NO) No

if f1a = YES then

Group of questions presented on the same screen

f1b (how much major problems at work changed life)

Generally speaking, how much did these work problems change your life?

1 A lot

2 Some

3 Not that much

f1c (still having major problems at work)

Are you still having these problems at work?

1 (YES) Yes

2 (NO) No

End of group of questions

End of if

End of if

if 3 in a21 then

f1d (any major problems at school)

In roughly the last year, have you had any major problems at school? (*"Major problems" can be anything from shorter hours, or overwork, to not getting along with people.*)

1 (YES) Yes

2 (NO) No

if f1d = YES then

Group of questions presented on the same screen

f1e (how much major problems at school changed life)

Generally speaking, how much did these school problems change your life?

1 A lot

2 Some

3 Not that much

f1f (still having major problems at school)

Are you still having these problems at school?

1 (YES) Yes

2 (NO) No

End of group of questions

End of if

End of if

End of if

f2a (any trouble paying bills)

In roughly the last year or so, have you had trouble paying your bills?

1 (YES) Yes

2 (NO) No

if f2a = YES then

Group of questions presented on the same screen

f2b (how much trouble paying bills changed life)

Generally speaking, how much did your trouble paying bills change your life?

1 A lot

2 Some

3 Not that much

f2c (still trouble paying bills)

Is paying your bills still a problem?

1 (YES) Yes

2 (NO) No

End of group of questions

End of if

f14a (had to move or leave your house or apartment for financial reasons)

In roughly the last year or so, have you had to move or leave your house or apartment for financial reasons?

1 Yes

2 No

if f14a = 1 then

Group of questions presented on the same screen

f14b (impact leaving house or apartment)

Generally speaking, how much did moving or leaving your house or apartment change your life?

- 1 A lot
- 2 Some
- 3 Not that much

f14c (still problem paying somewhere to live)

Is paying for somewhere to live still a problem?

- 1 Yes
- 2 No

End of group of questions

End of if

f3a (got economic news)

In roughly the last year or so, have you gotten good economic news – something like a better job, a pay raise, or come into some money?

- 1 (YES) Yes
- 2 (NO) No

if f3a = yes then

Group of questions presented on the same screen

f3b (how much good development changed life)

Generally speaking, how much did this good economic development change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

Group of questions presented on the same screen

f4a (other work or economic event)

In roughly the last year or so, have you had another important work or economic event happen to you, for good or bad?
(Examples: buy a home; [Name your spouse/partner wherever you think he/she fits.]] got better job; had to take in elderly parent.)

- 1 (YES) Yes:
- 2 No

f4a_other (other work or economic event)

STRING

End of group of questions

if f4a = yes then

Group of questions presented on the same screen

f4b (how much work or economic event changed life)

Generally speaking, how much did this work or economic event change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

f5a (baby arrival)

In roughly the last year or so, have you [had a child/had a child or a grandchild]?

- 1 Yes, a child
- 2 [Yes, a grandchild]
- 3 No

if f5a = 1 OR f5a = 2 then

Group of questions presented on the same screen

f5b (baby arrival changed life)

Generally speaking, how much did the baby's arrival change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

if age_preload > 20 and age_preload < 31 then

f6a (graduate or leave school)

In roughly the last year or so, did you graduate or leave school?

- 1 (YES) Yes
- 2 (NO) No

if f6a = YES then

Group of questions presented on the same screen

f6b (how much graduate or leave school change life)

Generally speaking, how much did graduating or leaving school change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

End of if

if a2a = 1 AND ((FLCurrentYear - a2b) < 3) then

Group of questions presented on the same screen

f7a (how married changed life)

You said that you got married recently. Generally speaking, how much did getting married change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

if (a2a = 3 or a2a = 4) AND a2c < 2 then

Group of questions presented on the same screen

f8a (how separated/divorced changed life)

You said that you were recently [divorced/separated]. Generally speaking, how much did getting [divorced/separated] change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

if a3a = YES and a3c < 2 then

Group of questions presented on the same screen

f9a (how much new relationship changed life)

You said that you recently started a romantic relationship. Generally speaking, how much did starting this relationship change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

if (a2a = 1 AND ((FLCurrentYear - a2b) < 3)) OR ((a2a = 3 or a2a = 4) AND a2c < 2) OR (a2a = 2 AND a2d < 2) OR (a3a = YES and a3c < 2) then

Else

f10a (relationship change in last year)

In the last year or so, has there been any important change in [your marriage/your relationship/any romantic relationship you might have had]? (*Such as a break-up, getting pregnant, ...*)

1 (YES) Yes

2 (NO) No

if f10a = YES then

Group of questions presented on the same screen

f10b (effect of relationship change in last year)

Generally speaking, how much did this development change your life?

1 A lot

2 Some

3 Not that much

End of group of questions

End of if

End of if

f11a (anyone die)

In the last year or so, did anyone you felt close to pass away?

1 (YES) Yes

2 (NO) No

if f11a = YES then

f11b (how many died)

How many people close to you passed away in the last year or so?

if f11b = 1 then

Group of questions presented on the same screen

f11c (who died)

Who was that?

- 1 Spouse/partner
- 2 Parent
- 3 Child
- 4 Other relative
- 5 Friend
- 6 Someone else:

f11c_other (other who died)

Who was that?

STRING

End of group of questions

if f11c = 2 or f11c = 4 or f11c = 5 or f11c = 6 then

Group of questions presented on the same screen

f11d (how much death changed life)

Generally speaking, how much did their passing change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

elseif f11b != DK and f11b != RF then

Group of questions presented on the same screen

f11e (who died)

Who were they? Check all that apply.

- 1 Spouse/partner
- 2 Parent
- 3 Child
- 4 Other relative
- 5 Friend
- 6 Someone else:

f11e_other (other who died)

Who were they? Check all that apply.

STRING

End of group of questions

if 1 in f11e or 3 in f11e then

Else

if (2 in f11e OR 4 in f11e OR 5 in f11e OR 6 in f11e) then

Group of questions presented on the same screen

f11f (how much death changed life)

Generally speaking, how much did their passing change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

End of if

End of if

End of if

f12a (any major break with relative or close friend)

In the last year or so, has there been any major break in a relationship between yourself and a relative or close friend?

1 (YES) Yes

2 (NO) No

if f12a = YES then

f12a_1 (who major break)

Who were they?

STRING

if f12a_1 = response then

if f12a_1_duplicates = YES then

Group of questions presented on the same screen

f12a_1_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]:

f12a_1_ask_other (other name for duplicate name person f12a_1)

STRING

End of group of questions

End of if

Else

End of if

Group of questions presented on the same screen

f12b (how much major break with relative or close friend changed life)

Generally speaking, how much did this break change your life?

- 1 A lot
- 2 Some
- 3 Not that much

if mode = CAPI then

f12b_other (other work or economic event)

STRING

End of if

f12c (still broken)

Is this relationship still broken?

- 1 (YES) Yes
- 2 (NO) No

End of group of questions

Else

End of if

f15a (any important changes to your life because of coronavirus)

In the last few months, have there been any important changes to your life because of the coronavirus epidemic?

- 1 Yes
- 2 No

if f15a = 1 then

Group of questions presented on the same screen

f15b (coronavirus changes)

Can you tell us more about those changes?

STRING

f15c (impact coronavirus)

Generally speaking, how much did the coronavirus epidemic change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

f13a (any other events)

Are there any other important events, both good and bad, that have happened to you in the last year or so that we have not covered?

- 1 (YES) Yes
- 2 (NO) No

if f13a = YES then

Group of questions presented on the same screen

f13b_intro (any other events)

What would that be?

Loop from 1 to 3

f13b (event)

STRING

End of loop

End of group of questions

if f13c_number > 0 then

Group of questions presented on the same screen

Loop from 1 to 3

if f13b[cnt] = response then

f13c (how much event changed life)

Generally speaking, how much did this event, [event[]], change your life?

1 A lot

2 Some

3 Not that much

End of if

End of loop

End of group of questions

End of if

End of if

g_intro

Much of this study concerns health. The next set of questions will ask you about your healthcare and health insurance.

g9a (health insurance)

Now we'd like to ask you some questions about your health and healthcare.

Do you currently have any kind of health insurance coverage? *This includes private insurance, exchange plan insurance, employer insurance, Medicare, Medicaid, TennCare, or NC Health Choice.*

1 (YES) Yes

2 (NO) No

if g9a = YES then

Group of questions presented on the same screen

g9b (kind of health insurance)

Which kind of insurance are you mainly covered by? Check all that apply.

- 1 Insurance through an employer (yours or someone else's)
- 2 Insurance bought privately (including coverage you purchased on the health insurance marketplace called Healthcare.gov, sometimes called Obamacare)
- 3 Medicare (for people 65 and older, or people with certain disabilities)
- 4 Medicaid, TennCare, or NC Health Choice (government based assistance for people with low incomes or a disability)
- 5 Veterans Administration (VA)
- 6 Another insurance:

g9b_another (other)

STRING

End of group of questions

End of if

g0b (usual source of care)

Do you have a usual source of care? That is, a place that you go to receive health care that is not the emergency room.

- 1 Yes
- 2 No

if g0b = 1 then

Group of questions presented on the same screen

g0b_place (which source of care)

What kind of place is this?

- 1 Doctor's office
- 2 Outpatient clinic
- 3 Health center
- 4 VA
- 5 Other (specify):

g0b_place_other (other place source of care)

STRING

End of group of questions

End of if

g0c (seen doctor)

In the past year, have you seen a doctor or health care provider?

- 1 Yes
- 2 No

g0d (have LGBT-affirming health care provider)

Do you have an LGBT-affirming health care provider?

- 1 Yes, they are my primary health care provider
- 2 Yes, I see them in addition to another health care provider
- 3 No, I don't need or want an LGBT-affirming health care provider
- 4 No, I cannot find an LGBT-affirming health care provider in my area
- 5 I don't know
- 6 No answer

if g0d = 1 OR g0d = 2 then

g0e (how far travel to LGBT-affirming health care provider)

How far do you travel to see your LGBT-affirming health care provider?

- 1 Less than 10 miles
- 2 10-25 miles
- 3 25-50 miles
- 4 50-75 miles
- 5 75-100 miles
- 6 Over 100 miles

End of if

g0f (which care tests or screenings)

Have you ever had any of the following preventative care tests or screenings: (check all that apply)

- 1 Flu shot
- 2 Breast cancer screening or mammogram
- 3 Pap smear or pap test
- 4 Colorectal cancer screening or colonoscopy
- 5 HIV test
- 6 I have never had any of these tests or screenings

if g0f = response and g0f < 5 then

g0g (which care tests or screenings in last 3 years)

Which of these tests or screenings have you had in the last 3 years?

- 1 Flu shot
- 2 Breast cancer screening or mammogram
- 3 Pap smear or pap test
- 4 Colorectal cancer screening or colonoscopy
- 5 HIV test

End of if

g0h (delayed or forgone getting medical care because of the cost)

During the past 12 months, have you delayed or forgone getting medical care because of the cost?

- 1 Yes
- 2 No

g0i (delayed or forgone getting counseling or therapy because of the cost)

During the past 12 months, have you delayed or forgone getting counseling or therapy from a mental health professional because of the cost?

- 1 Yes
- 2 No

g0j (delayed or forgone filling a prescription to save money)

During the past 12 months, have you delayed or forgone filling a prescription because of the cost?

- 1 Yes
- 2 No

Group of questions presented on the same screen

g1 (overall health)

Now let's talk about your health. Would you say your health is excellent, very good, good, fair, or poor?

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

g1b (health in 10 years)

Using a scale from 0 to 10 where 0 means "the worst possible health" and 10 means "the best possible health," what do you expect your health will be like in 10 years?

RANGE 0..10

End of group of questions

g7 (have any conditions)

Has a doctor ever told you (not just in the last year or so) that you had any of these conditions? Check any that apply to you.

- 1 High blood pressure or hypertension
- 2 Diabetes or high blood sugar
- 3 A heart attack, coronary heart disease, angina, congestive heart failure, or another heart problem
- 4 Asthma or another breathing issue
- 5 Arthritis or rheumatism
- 6 Depression, anxiety, or another mental health condition
- 7 Cancer
- 8 Stroke
- 9 HIV
- 10 No -- None of the above

if 1 in g7 then

Group of questions presented on the same screen

g8a_1 (taking medication blood pressure)

In order to lower your blood pressure, are you now taking any medication?

- 1 (YES) Yes
- 2 (NO) No

g8a_2 (under control blood pressure)

Is your blood pressure pretty much under control or is it still a problem?

- 1 Under control
- 2 Still a problem

End of group of questions

End of if

if 2 in g7 then

Group of questions presented on the same screen

g8b_1 (taking medication diabetes)

In order to treat or control your diabetes, are you now taking any medication?

1 (YES) Yes

2 (NO) No

g8b_2 (under control diabetes)

Is your diabetes or high blood sugar pretty much under control or is it still a problem

1 Under control

2 Still a problem

End of group of questions

End of if

if 3 in g7 then

Group of questions presented on the same screen

g8c_1 (taking medication heart problem)

Are you now taking or carrying medication for your heart problem?

1 (YES) Yes

2 (NO) No

g8c_2 (under control heart problem)

Is your heart issue pretty much under control or is it still a problem?

1 Under control

2 Still a problem

End of group of questions

End of if

if 4 in g7 then

Group of questions presented on the same screen

g8d_1 (taking medication breathing problems)

Are you now taking any medications or getting any treatment because of your breathing problems?

1 (YES) Yes

2 (NO) No

g8d_2 (under control breathing problem)

Is your breathing issue pretty much under control or is it still a problem?

1 Under control

2 Still a problem

End of group of questions

End of if

if 5 in g7 then

Group of questions presented on the same screen

g8e_1 (taking medication condition)

Are you now taking any medications or getting any treatment because of this arthritis or rheumatism?

1 (YES) Yes

2 (NO) No

g8e_2 (under control arthritis or rheumatism)

Is your arthritis or rheumatism pretty much under control or is it still a problem?

1 Under control

2 Still a problem

End of group of questions

End of if

if 6 in g7 then

Group of questions presented on the same screen

g8f_1 (taking medication depression or other psychological problem)

Are you now taking any medications, getting counseling, or receiving any other treatment because of depression, anxiety, or another other mental health condition?"

1 (YES) Yes

2 (NO) No

g8f_2 (under control depression or another psychological problem)

Is your depression, anxiety, or other mental health condition pretty much under control or is it still a problem?

1 Under control

2 Still a problem

End of group of questions

End of if

if 7 in g7 then

Group of questions presented on the same screen

g7_1 (kind of cancer)

What kind of cancer did the doctor say you have?

STRING

g8g_1 (taking medication or treatment for cancer)

Are you now taking any medications or getting any treatment because of this cancer diagnosis?

1 (YES) Yes

2 (NO) No

g8g_2 (stage cancer diagnosed)

At what stage was your cancer diagnosed?

1 Stage 1

2 Stage 2

3 Stage 3

4 Stage 4

5 Something else (specify):

g8g_2_other (other stage cancer diagnosed)

STRING

End of group of questions

End of if

if 9 in g7 then

Group of questions presented on the same screen

g8h_1 (taking medication or treatment for hiv)

Are you now taking any medications or getting any treatment because of this HIV diagnosis?

- 1 Yes
- 2 No

g8h_2 (last viral load)

What was your most recent viral load?

- 1 Undetectable (i.e. <50 copies/mL)
- 2 Detectable (i.e. ≥50 copies/mL)?
- 3 Not sure

End of group of questions

End of if

g2 (health issues)

Now let's talk about any new conditions that have affected you recently. In the last year or so, did any of these things happen to you? Check all of the ones that apply.

- 1 Diagnosed with a serious illness
- 2 Disabled by an illness or injury
- 3 Hospitalized
- 4 Had or have another serious health issue
- 5 None -- no serious health issues

if 1 in g2 then

Group of questions presented on the same screen

g3a (how much illness changed life)

Generally speaking, how much did this serious illness change your life?

- 1 A lot
- 2 Some
- 3 Not that much

g3b (still illness a problem)

Is this serious illness still a problem, at least sometimes?

- 1 (YES) Yes
- 2 (NO) No

End of group of questions

g3c (anyone talked new illness)

Is there anyone in particular that you talked to about this new illness?

- 1 Yes
- 2 No

if g3c = 1 then

g3c_1 (who talked to)

Who were they? Check all that apply.

- 1
- 2
- 3
- 4
- 5
- 6
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- 8
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- 69
- 101 All of them
- 100 None of them

End of if

g3g (anyone more part of life because of health issue)

Is there anyone who is now more a part of your life because of this health issue?

- 1 Yes
- 2 No

if g3g = 1 then

g3h (who more in life)

Who were they? Check all that apply.

- 1
- 2
- 3
- 4
- 5
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- 63
- 64
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- 68
- 69
- 101 All of them
- 100 None of them

End of if

g3i (anyone less part of life because of health issue)

Is there anyone who is now less a part of your life because of this health issue?

1 Yes

2 No

if g3i = 1 then

g3j (who less in life)

Who were they? Check all that apply.

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67 []
68 []
69 []
101 All of them
100 None of them

End of if

End of if

if 2 in g2 then

if 1 in g2 then

g4a (disability connected to illness)

Is this disability connected to the serious illness you mentioned before?

1 (YES) Yes

2 (NO) No

End of if

Group of questions presented on the same screen

g4b (how much disability changed life)

Generally speaking, how much did this disability change your life?

1 A lot

2 Some

3 Not that much

g4c (still disability a problem)

Is this disability still a problem, at least sometimes?

1 (YES) Yes

2 (NO) No

End of group of questions

g4d (anyone talked new disability)

Is there anyone in particular that you talked to about this disability?

1 Yes

2 No

if g4d = 1 then

g4d_1 (who talked to disability)

Who were they? Check all that apply.

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- 69
- 101 All of them
- 100 None of them

End of if

g4g (anyone more part of life because of health issue)

Is there anyone who is now more a part of your life because of this health issue?

- 1 Yes
- 2 No

if g4g = 1 then

g4h (who more in life)

Who were they? Check all that apply.

- 1
- 2
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- 101 All of them
- 100 None of them

End of if

g4i (anyone less part of life because of health issue)

Is there anyone who is now less a part of your life because of this health issue?

- 1 Yes
- 2 No

if g4i = 1 then

g4j (who less in life)

Who were they? Check all that apply.

- 1
- 2
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101 All of them
100 None of them

End of if

End of if

if 3 in g2 then

if cardinal(g2) > 1 then

g5a (hospitalization connected to illness)

Was this hospitalization connected to another health issue you already mentioned?

- 1 (YES) Yes
- 2 (NO) No

Else

Group of questions presented on the same screen

g5b (how much hospitalization changed life)

Generally speaking, how much did this hospitalization change your life?

- 1 A lot
- 2 Some
- 3 Not that much

End of group of questions

End of if

g5c (anyone talked hospitalization)

Is there anyone in particular that you talked to about this hospitalization?

- 1 Yes
- 2 No

if g5c = 1 then

g5c_1 (who talked to hospitalization)

Who were they? Check all that apply.

- 1
- 2
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- 69

101 All of them
100 None of them

End of if

g5g (anyone more part of life because of health issue)

Is there anyone who is now more a part of your life because of this health issue?

- 1 Yes
- 2 No

if g5g = 1 then

g5h (who more in life)

Who were they? Check all that apply.

- 1
- 2
- 3
- 4
- 5

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- 69
- 101 All of them
- 100 None of them

End of if

g5i (anyone less part of life because of health issue)

Is there anyone who is now less a part of your life because of this health issue?

- 1 Yes
- 2 No

if g5i = 1 then

g5j (who less in life)

Who were they? Check all that apply.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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101 All of them
100 None of them

End of if

End of if

if 4 in g2 then

Group of questions presented on the same screen

g6a (describe other health issue)

Can you describe this other health issue? If you have more than one, tell us about the most serious one.

1 Yes:

2 No

g6a_other (other health issue)

STRING

End of group of questions

if g6a = response then

Group of questions presented on the same screen

if 1 in g2 or 2 in g2 or 3 in g3 then

g6b (connected to earlier health issue)

Was this particular health issue connected to one you mentioned before?

- 1 (YES) Yes
- 2 (NO) No

End of if

g6c (how much health issue changed life)

Generally speaking, how much did this health issue change your life?

- 1 A lot
- 2 Some
- 3 Not that much

g6d (still health issue a problem)

Is this health issue still a problem, at least sometimes?

- 1 (YES) Yes
- 2 (NO) No

End of group of questions

End of if

g6e (anyone talked about issue)

Is there anyone in particular that you talked to about this other health issue?

- 1 Yes
- 2 No

if g6e = 1 then

g6e_1 (who talked to issue)

Who were they? Check all that apply.

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- 101 All of them
- 100 None of them

End of if

g6g (anyone more part of life because of health issue)

Is there anyone who is now more a part of your life because of this health issue?

- 1 Yes
- 2 No

if g6g = 1 then

g6h (who more in life)

Who were they? Check all that apply.

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- 101 All of them
- 100 None of them

End of if

g6i (anyone less part of life because of health issue)

Is there anyone who is now less a part of your life because of this health issue?

- 1 Yes
- 2 No

if g6i = 1 then

g6j (who less in life)

Who were they? Check all that apply.

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101 All of them

100 None of them

End of if

End of if

g10a (difficulty with activities)

We need to understand the difficulties some people may have with various activities. Please check whether you have any difficulty doing each of the activities listed here.

- 1 Difficulty walking several blocks
- 2 Difficulty dressing, including putting on shoes and socks
- 3 Difficulty bathing or showering
- 4 Difficulty hearing what people are saying
- 5 Difficulty seeing or reading
- 6 No difficulty with any of these

if !(6 in g10a) OR cardinal(g10a) > 1 then

g10b (anyone particular helping)

Is there a particular person who usually helps you with the things that give you difficulty?

- 1 (YES) Yes
- 2 (NO) No

if g10b = YES then

g10c (person who helps is named before)

Is the person who helps you someone you've named before?

- 1 (YES) Yes
- 2 (NO) No

if g10c = YES then

g10d (who helps)

Who is that?

STRING

if g10d = response then

if g10d_duplicates = YES then

Group of questions presented on the same screen

g10d_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]:

g10d_ask_other (other name for duplicate name person

g10d)

STRING

End of group of questions

End of if

Else

End of if

Else

End of if

Else

g10f (feel need help)

Do you feel that you need someone's help with the things that give you difficulty?

1 (YES) Yes

2 (NO) No

End of if

g10g (receiving help from assistive device)

Are you receiving help from an assistive device?

- 1 Yes
- 2 No

Else
End of if

g18a (doctor ever told have a memory-related disease)

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

- 1 Yes
- 2 No

g18b (rate memory at present time)

How would you rate your memory at the present time?

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

Group of questions presented on the same screen

g18c (difficulty doing day to day activities)

We are also interested in your ability to remember things and make day-to-day decisions. Please check whether you have any difficulty doing each of the activities listed here. Check all that apply.

- 1 Remembering things that have happened recently
- 2 Recalling questions a few days later
- 3 Remembering my address and phone number
- 4 Remembering what day and month it is
- 5 Remembering where things are usually kept
- 6 Remembering where to find things that have been put in a different place than usual
- 7 Knowing how to work familiar machines around the house
- 8 Learning to use a new gadget or machine around the house
- 9 Learning new things in general
- 10 Following a story in a book or on TV
- 11 Making decisions on everyday matters
- 12 Handling money for shopping
- 13 Handling financial matters, that is, the pension or dealing with the bank
- 14 Handling other everyday arithmetic problems, such as knowing how much food to buy, knowing how long between

visits from family or friends
15 Understand what's going on and reasoning things through
16 None of these
17 Something else (Specify):

g18c_other (other difficulty doing day to day activities)
STRING

End of group of questions

Group of questions presented on the same screen

g11a (how many nights trouble falling asleep)

We have a few questions about how you are sleeping. In an average week, about how many nights do you have trouble falling asleep?

RANGE 0.0..7.0

g11b (how many nights not easily back to sleep)

About how many nights in the week do you find yourself waking up in the middle of the night and not easily able to fall back asleep?

RANGE 0.0..7.0

g11c (how many days feel really rested)

About how many days in the week do you feel really rested in the morning?

RANGE 0.0..7.0

End of group of questions

if (1 in a21 or 2 in a21) OR (not(1 in a21 or 2 in a21) AND 3 in a21) OR (not(1 in a21 or 2 in a21 or 3 in a21)) then

Group of questions presented on the same screen

if 1 in a21 or 2 in a21 then

g12a (miss work)

Out of the past 30 days, about how many days did a health problem cause you to miss work?

1 None

2 About 1 or 2 days

- 3 About 3 to 5 days
- 4 About 6 to 10 days
- 5 More than 10 days

End of if

if not(1 in a21 or 2 in a21) AND 3 in a21 then

g12b (miss school)

Out of the past 30 days, about how many days did a health problem cause you to miss school?

- 1 None
- 2 About 1 or 2 days
- 3 About 3 to 5 days
- 4 About 6 to 10 days
- 5 More than 10 days

End of if

if not(1 in a21 or 2 in a21 or 3 in a21) then

g12c (miss important appointment or activity)

Out of the past 30 days, about how many days did a health problem cause you to miss an important appointment or activity?

- 1 None
- 2 About 1 or 2 days
- 3 About 3 to 5 days
- 4 About 6 to 10 days
- 5 More than 10 days

End of if

End of group of questions

End of if

Group of questions presented on the same screen

g13 (other aspect)

Is there any other aspect of your health that limits your activity in some way that we haven't yet discussed?

- 1 Yes: What is that?:
2 No

g13_other (other aspect)
STRING

End of group of questions

g13a (how often activities moderately energetic)

And about how often do you take part in sports or activities that are moderately energetic, such as brisk walking, jogging, swimming, tennis, biking, team sports, yoga, workouts, heavy gardening or home maintenance, and the like for at least 30 minutes each time?

- 1 5+ times a week
2 3 or 4 times each week
3 1-2 times each week
4 A few times a month
5 Less often than that

Group of questions presented on the same screen

h1_feet (feet)

What is your height?
RANGE 4.0..8.0

h1_inches (inches)

RANGE 0.0..11.0

h2 (weight)

What is your weight?
RANGE 90..400

h3 (need to lose weight)

Has a health-care professional advised you to lose weight in the last year or so?

- 1 (YES) Yes
2 (NO) No

End of group of questions

h4a (smoke cigarettes)

Do you smoke cigarettes? *(including e-cigarettes)*

- 1 Yes
- 2 I used to but I quit
- 3 No

if h4a = 1 then

Group of questions presented on the same screen

h4b_cigarettes (cigarettes amount smoke)

About how many cigarettes, packs, or cartridges do you usually smoke a day?

h4b_packs (amount packs smoke)

OR

End of group of questions

End of if

h5a (days per week alcoholic drink)

On average, about how many days per week do you have an alcoholic drink? *(That would be a beer, a glass of wine, or any drink containing liquor.)*

- 9 I never drink

- 0 Less than once a week
- 1 One day a week
- 2 Two days a week
- 3 Three days a week
- 4 Four days a week
- 5 Five days a week
- 6 Six days a week
- 7 Every day

if h5a = response and h5a < 9 then

h5b (how many drinks)

On the days you do drink, about how many drinks do you usually have? One drink is equal to 12 ounces of beer (bottle or can), 4 ounces of wine, or 1.5 ounces of whiskey or spirits. *(If it varies, give us average; for example, 3 or 4 would be 3.5.)*

Group of questions presented on the same screen

h5c (how many days four or more drinks)

In the past month, on about how many days have you had four or more drinks at one occasion?

RANGE 0.0..31.0

h5d (someone drink with)

When you do drink, is there someone or some people in particular you especially enjoy drinking with?

1 (YES) Yes

2 (NO) No

End of group of questions

if h5d = 1 then

h5d_1 (who someone drink with)

Who is this?

STRING

if h5d_1 = response then

if h5d_1_duplicates = YES then

Group of questions presented on the same screen

h5d_1_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]:

**h5d_1_ask_other (other name for duplicate name person
h5d_1)**
STRING

End of group of questions

End of if

**Else
End of if**

End of if

End of if

h6a (used marijuana)

In the last year or so, have you used marijuana?

- 1 (YES) Yes
- 2 (NO) No

if h6a = yes then

h6b (why used marijuana)

Have you used it for medical reasons, under prescription, or used it for other reasons, or both?

- 1 Medical, prescribed
- 2 Other
- 3 Both

End of if

j_intro (intro)

Now, we'd like to ask you a few short questions about how you are feeling.

j2 (level of control)

Some people feel they have complete control over the way their lives turn out and other people feel that they have little control over how their lives turn out. Would you say you have a lot of control over how your life turns out, some control, or

- only a little control?
- 1 A lot of control
 - 2 Some control
 - 3 Only a little control

Group of questions presented on the same screen

h10 (how many days happy)

The next few questions are about how you are feeling. How many days during the past 7 days have you felt very happy?

RANGE 0..7

h12 (how many days isolated)

How many days during the past 7 days have you felt isolated from other people?

RANGE 0.0..7.0

h14 (how many days lonely)

How many days during the past 7 days have you felt lonely?

RANGE 0.0..7.0

End of group of questions

Group of questions presented on the same screen

h16intro (nervous in past 30 days)

The next 10 questions are about how you have been feeling during the past 30 days.

Please note that you can select an answer for each question by simply clicking on the area surrounding one of the answer options.

Subgroup of questions

h16a (nervous in past 30 days)

About how often during the past 30 days did you feel nervous?

- 1 All of the time
- 2 Most of the time
- 3 Some of the time

- 4 A little of the time
- 5 None of the time

h16b (hopeless in past 30 days)

During the past 30 days, about how often did you feel hopeless?

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

h16c (hopeful in past 30 days)

During the past 30 days, about how often did you feel hopeful about the future?

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

h16d (restless or fidgety in past 30 days)

During the past 30 days, about how often did you feel restless or fidgety?

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

h16e (irritable in past 30 days)

During the past 30 days, about how often did you feel irritable or have angry outbursts?

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

End of subgroup of questions

End of group of questions

Group of questions presented on the same screen

h16f (depressed in past 30 days)

During the past 30 days, how often did you feel so depressed that nothing could cheer you up?

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

h16g (enjoyed life in past 30 days)

During the past 30 days, how often did you feel that you enjoyed life?

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

h16h (all effort in past 30 days)

During the past 30 days, about how often did you feel that everything was an effort?

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

h16i (feel worthless in past 30 days)

During the past 30 days, about how often did you feel worthless?

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

h16j (disturbing memories in past 30 days)

During the past 30 days, about how often have you been bothered by repeated, disturbing memories, thoughts, or images of a stressful experience from the past?

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

End of group of questions

h16l (corona affected feeling)

How much would you say the current coronavirus epidemic has affected how you are feeling recently?

- 1 A lot
- 2 Some
- 3 A little
- 4 Not at all

h17 (thought about suicide)

During the last year or so, have you ever seriously thought about suicide?

- 1 (YES) Yes
- 2 (NO) No

if h17 = 1 OR h16a in [1,2,3,4] OR h16b in [1,2,3,4] OR h16c in [1,2,3,4] OR h16d in [1,2,3,4] OR h16e in [1,2,3,4] OR h16f in [1,2,3,4] OR h16g in [1,2,3,4] OR h16h in [1,2,3,4] OR h16i in [1,2,3,4] OR h16j in [1,2,3,4] then

h16k (anyone talked to about experiences)

Is there anyone in particular that you talked to about your feelings in the past year, yes or no? This could be a partner, friend, family member, counselor, medical professional, or someone else you know.

- 1 Yes
- 2 No

if h16k = 1 then

h16k_1 (who shared experiences with)

Who is this?

STRING

if h16k_1 = response then

if h16k_1_duplicates = YES then

Group of questions presented on the same screen

h16k_1_ask (ask duplicate name person in household)

[[]]

- 1 (YES) Yes
- 2 (NO) No. []:

**h16k_1_ask_other (other name for duplicate name person
h16k_1)**
STRING

End of group of questions

elseif h16k_1_duplicates = 5 then

Else

Group of questions presented on the same screen

h16k_3 (shared experiences relationship)

What is their relation to you?

- 1 Spouse/partner
- 2 In a romantic relationship, but not married

Family:

- 3 Parent
- 23 Step-parent
- 4 Child
- 24 Step-child
- 5 Brother/sister
- 25 Step-brother/step-sister
- 26 Half-brother/half-sister
- 6 Other relatives, including ex's (please specify):

Other connections:

- 10 Housemate/roommate
- 11 Neighbor
- 12 Know at work
- 13 Know at school
- 14 Know at church, synagogue, temple, or mosque

20 Friend
21 Acquaintance
24 A Counselor or other health professional
22 Know another way (please specify):

End of group of questions

End of if

Else
End of if

End of if

End of if

Group of questions presented on the same screen

g14_intro

Now we'd like to ask you a bit about aging and your perceptions of other people who are aging.

How would you rate yourself today compared to five years ago on...

Subgroup of questions

g14a (energy level)

Energy level

- 1 Better now
- 2 No change
- 3 Worse now

g14b (Physical fitness)

Physical fitness

- 1 Better now
- 2 No change
- 3 Worse now

g14c (Physique/figure)

Physique/figure

1 Better now

2 No change

3 Worse now

g14d (Weight)

Weight

1 Better now

2 No change

3 Worse now

End of subgroup of questions

End of group of questions

g15a (age you feel)

Many people feel older or younger than they actually are. What age do you feel most of the time?

g15b (age like to be)

Now imagine you could be any age. What age would you like to be?

Group of questions presented on the same screen

g16_intro

Using a scale from 0 to 10 where 0 means "not at all" and 10 means "a great deal," how much do you worry about:

Subgroup of questions

g16a (Being less attractive as I get older)

Being less attractive as I get older

1 0

Not at all

2 1

3 2

4 3

5 4
6 5
7 6
8 7
9 8
10 9
11 10
A great deal

g16b (Having more illness as I get older)

Having more illness as I get older

1 0
Not at all
2 1
3 2
4 3
5 4
6 5
7 6
8 7
9 8
10 9
11 10
A great deal

g16c (Having less independence as I get older)

Having less independence as I get older

1 0
Not at all
2 1
3 2
4 3
5 4
6 5
7 6
8 7
9 8
10 9
11 10
A great deal

g16d (Becoming socially isolated as I get older)

Becoming socially isolated as I get older

1 0

Not at all

2 1

3 2

4 3

5 4

6 5

7 6

8 7

9 8

10 9

11 10

A great deal

g16e (Having less sex as I get older)

Having less sex as I get older

1 0

Not at all

2 1

3 2

4 3

5 4

6 5

7 6

8 7

9 8

10 9

11 10

A great deal

g16f (Struggling to financially support myself as I get older)

Struggling to financially support myself as I get older

1 0

Not at all

2 1

3 2

4 3

5 4

6 5

7 6

8 7

9 8

10 9

11 10

A great deal

g16g (Struggling to support my family or loved ones as I get older)

Struggling to support my family or loved ones as I get older

1 0

Not at all

2 1

3 2

4 3

5 4

6 5

7 6

8 7

9 8

10 9

11 10

A great deal

End of subgroup of questions

End of group of questions

Group of questions presented on the same screen

g17_intro

In your opinion, at what age...

g17a (most men no longer young)

are most men no longer young?

g17b (most men enter middle age)

do most men enter middle age?

g17c (most men no longer middle aged)

are most men no longer middle aged?

g17d (most women no longer young)

are most women no longer young?

g17e (most women enter middle age)

do most women enter middle age?

g17f (most women no longer middle aged)

are most women no longer middle aged?

End of group of questions

h25_intro

The next questions are about how people in your life have responded to your sexual orientation or gender identity.

h25a (how supportive immediate family)

On average, how supportive are members of your immediate family (mother, father, sisters, brothers, etc.) of your sexual orientation or gender identity?

- 1 Very supportive
- 2 Supportive
- 3 Neither supportive or unsupportive
- 4 Unsupportive
- 5 Very unsupportive
- 6 My immediate family members do not know about my sexual orientation or gender identity

Group of questions presented on the same screen

h25b (immediate family do things because of orientation or identity)

Did any of your immediate family members you grew up with (mother, father, sisters, brothers, etc.) do any of these things to you because of your sexual orientation or gender identity? Mark all that apply.

- 1 Stopped speaking to me for a long time or ended our relationship
- 2 Were violent towards me
- 3 Kicked me out of the house
- 4 Did not allow me to wear the clothes that matched my gender
- 5 Sent me to a therapist, counselor, or religious advisor
- 6 Did not invite me to family functions or family members no longer made me feel welcome
- 7 Did not invite my spouse or partner to family events or made them feel unwelcome
- 8 Required that I did not talk about my gender or sexuality
- 9 Told me that their religion prevented me from supporting me.
- 10 Called me the wrong name or pronoun on purpose
- 11 Made jokes or hurtful comments about me
- 12 Told me that my gender or sexuality is not real, is just a phase, or could be fixed.

- 13 None of these
- 14 Something else (specify):

h25b_other (other immediate family do things because of orientation or identity)

STRING

End of group of questions

if h25b = response and h25b != 13 then

Group of questions presented on the same screen

h25b_2 (immediate family still doing things because of orientation or identity)

Which of these are any of your immediate family members you grew up with (mother, father, sisters, brothers, etc.) still doing now? Mark all that apply.

- 1 Not speaking to me
- 2 Are violent towards me
- 3 Keeping me out of the house
- 4 Not allowing me to wear the clothes that matched my gender
- 5 Sending me to a therapist, counselor, or religious advisor
- 6 Not inviting me to family functions or family members no longer make me feel welcome
- 7 Not inviting my spouse or partner to family events or make them feel unwelcome
- 8 Requiring that I do not talk about my gender or sexuality
- 9 Telling me that their religion prevented me from supporting me.
- 10 Calling me the wrong name or pronoun on purpose
- 11 Making jokes or hurtful comments about me
- 12 Telling me that my gender or sexuality is not real, is just a phase, or could be fixed.
- 13 None of these
- 14 Something else (specify):

h25b_2_other (other immediate family still doing things because of orientation or identity)

STRING

End of group of questions

End of if

Group of questions presented on the same screen

h25c (immediate family do things support)

Did any of your immediate family members you grew up with (mother, father, sisters, brothers, etc.) do any of these things to support you? Mark all that apply.

- 1 Told me that they respect and/or support me
- 2 Did research to learn how to best support me (such as reading books, using online information, or attending a conference or group)
- 3 Stood up for me with family, friends, or others
- 4 Met my partner
- 5 Invited me and/or my partner to family events
- 6 Used my preferred name
- 7 Used my correct pronouns (such as he/she/they)
- 8 Gave me money to help with any part of my gender transition
- 9 Helped me change my name and/or gender on my identity documents (ID), like my driver's license (such as doing things like filling out papers or going with me to court)
- 10 None of the above
- 11 Something else (specify):

h25c_other (other immediate family do things support)

STRING

End of group of questions

if h25c = response and h25c != 10 then

Group of questions presented on the same screen

h25c_2 (immediate family still doing things support)

Which of these are any of your immediate family members you grew up with (mother, father, sisters, brothers, etc.) still doing now? Mark all that apply.

- 1 Telling me that they respect and/or support me
- 2 Doing research to learn how to best support me (such as reading books, using online information, or attending a conference or group)
- 3 Standing up for me with family, friends, or others
- 4 Meeting or seeing my partner
- 5 Inviting me and/or my partner to family events
- 6 Using my preferred name
- 7 Using my correct pronouns (such as he/she/they)
- 8 Giving me money to help with any part of my gender transition
- 9 Helping me change my name and/or gender on my identity documents (ID), like my driver's license (such as doing things like filling out papers or going with me to court)
- 10 None of the above
- 11 Something else (specify):

h25c_2_other (other immediate family still doing things support)
STRING

End of group of questions

End of if

h26a (how supportive friends)

In general, how supportive are your friends of your sexual orientation or gender identity?

- 1 Very supportive
- 2 Supportive
- 3 Neither supportive nor unsupportive
- 4 Unsupportive
- 5 Very unsupportive
- 6 My friends do not know about my sexual orientation or gender identity

h26b (how supportive co-workers)

In general, how supportive are/were your co-workers of your sexual orientation or gender identity?

- 1 Very supportive
- 2 Supportive
- 3 Neither supportive nor unsupportive
- 4 Unsupportive
- 5 Very unsupportive
- 6 My co-workers do not know about my sexual orientation or gender identity

h26c (how supportive neighbors)

In general, how supportive are your neighbors of your sexual orientation or gender identity?

- 1 Very supportive
- 2 Supportive
- 3 Neither supportive nor unsupportive
- 4 Unsupportive
- 5 Very unsupportive
- 6 My neighbors do not know about my sexual orientation or gender identity

h26d (how supportive LGBTQ+ community)

The LGBTQ+ community is supportive where I live.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree

h26e (LGBTQ+ community helps me when I am struggling)

The LGBTQ+ community helps me when I am struggling.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree

h26f (I feel like I am welcomed by the LGBTQ+ community where I live)

I feel like I am welcomed by the LGBTQ+ community where I live.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree

h26g (The LGBTQ+ community is visible here)

The LGBTQ+ community is visible here.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree

h27a (ever part of religious community)

Have you ever been part of a spiritual/religious community (such as a church, synagogue, mosque, or other faith community)?

- 1 Yes
- 2 No

if h27a = 1 then

h27b (afraid and ever left religious community)

Have you ever left your spiritual/religious community because you were afraid they might reject you because of your sexual orientation or gender identity?

- 1 Yes
- 2 No

h27c (rejected ever left religious community)

Have you ever left your spiritual/religious community because they did reject you because of your sexual orientation or gender identity?

1 Yes

2 No

if h27b = 1 OR h27c = 1 then

h27d (found welcome community)

After you stopped attending, did you find a spiritual/religious community that welcomed you as you are?

1 Yes

2 No

End of if

End of if

h28_intro

These are questions about being treated unfairly, harassed, or physically attacked.

h28a (been denied equal treatment or service)

In the past year, have you been denied equal treatment or service, such as at a place of business, government agency, or public place for any reason?

1 Yes

2 No

h28b (anyone verbally harass you)

In the past year, did anyone verbally harass you for any reason?

1 Yes

2 No

h28c (anyone physically attack you)

In the past year, did anyone physically attack you (such as grab you, throw something at you, punch you, use a weapon) for any reason?

1 Yes

2 No

if h28a = 1 then

Group of questions presented on the same screen

h28a_1 (why denied equal treatment)

You said that you were denied equal treatment or service in the past year. Do you believe any of those experiences were because of your...(Mark all that apply.)

- 1 Sexual orientation
- 2 Gender expression/appearance
- 3 Trans status/gender identity
- 4 Race/ethnicity
- 5 Age
- 6 Disability
- 7 Religion/spirituality
- 8 Income level or education
- 9 Something else (specify):

h28a_1_other (other been denied equal treatment or service)

STRING

End of group of questions

End of if

if h28b = 1 then

Group of questions presented on the same screen

h28b_1 (why verbally harassed)

You said that you have been verbally harassed in the past year. Do you believe any of those experiences were because of your... (Mark all that apply.)

- 1 Sexual orientation
- 2 Gender expression/appearance
- 3 Trans status/gender identity
- 4 Race/ethnicity
- 5 Age
- 6 Disability
- 7 Religion/spirituality
- 8 Income level or education
- 9 Something else (specify):

h28b_1_other (other been verbally harassed)

STRING

End of group of questions

End of if

if h28c = 1 then

Group of questions presented on the same screen

h28c_1 (why physically attacked)

When you were physically attacked in the past year, do you believe any of those experiences were because of your

- 1 Sexual orientation
- 2 Gender expression/appearance
- 3 Trans status/gender identity
- 4 Race/ethnicity
- 5 Age
- 6 Disability
- 7 Religion/spirituality
- 8 Income level or education
- 9 Something else (specify):

h28c_1_other (other been physically attacked)

STRING

End of group of questions

End of if

if 3 in gender_id OR 4 in gender_id then

h29a (anyone tell or ask you were using the wrong bathroom)

In the past year, did anyone tell or ask you if you were using the wrong bathroom?

- 1 Yes
- 2 No

h29b (anyone stop you from entering bathroom)

In the past year, did anyone stop you from entering or deny you access to a bathroom?

- 1 Yes
- 2 No

Group of questions presented on the same screen

h29c (avoid going to bathroom)

In the past year, did you avoid going to the bathroom because you were afraid of having problems using them?
This would include bathrooms in public, at work, or at school.

- 1 I have never avoided them
- 2 I have sometimes avoided them
- 3 I have always avoided them
- 4 Something else (specify):

h29c_other (other avoid going to bathroom)

STRING

End of group of questions

End of if

if 1 in gender_id and cardinal(gender_id) = 1 and sexatbirth = 1 then

if h30_order[1] = empty then

End of if

h30_intro

Now we'd like to ask you some questions about your perceptions of HIV.

Group of questions presented on the same screen

h30

Please rate your agreement or disagreement with the following statements.

Subgroup of questions

if h30_order[1] = 1 then

h30a (The new HIV treatments make me less anxious about having sex without a condom.)

The new HIV treatments make me less anxious about having sex without a condom.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[1] = 2 then

h30b (I would feel safe having sex with someone who is HIV-positive as long as he is receiving treatment and has reduced his viral load to a point where it is undetectable.)

I would feel safe having sex with someone who is HIV-positive as long as they are receiving treatment and have reduced their viral load to a point where it is undetectable.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[1] = 3 then

h30c (I am less worried about HIV infection than I used to be.)

I am less worried about HIV infection than I used to be.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[1] = 4 then

h30d (I believe that HIV treatment makes people less likely to transmit the HIV virus.)

I believe that HIV treatment makes people less likely to transmit the HIV virus.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

End of if

if h30_order[2] = 1 then

h30a (The new HIV treatments make me less anxious about having sex without a condom.)

The new HIV treatments make me less anxious about having sex without a condom.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[2] = 2 then

h30b (I would feel safe having sex with someone who is HIV-positive as long as he is receiving treatment and has reduced his viral load to a point where it is undetectable.)

I would feel safe having sex with someone who is HIV-positive as long as they are receiving treatment and have reduced their viral load to a point where it is undetectable.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly

- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[2] = 3 then

h30c (I am less worried about HIV infection than I used to be.)

I am less worried about HIV infection than I used to be.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[2] = 4 then

h30d (I believe that HIV treatment makes people less likely to transmit the HIV virus.)

I believe that HIV treatment makes people less likely to transmit the HIV virus.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

End of if

if h30_order[3] = 1 then

h30a (The new HIV treatments make me less anxious about having sex without a condom.)

The new HIV treatments make me less anxious about having sex without a condom.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly

- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[3] = 2 then

h30b (I would feel safe having sex with someone who is HIV-positive as long as he is receiving treatment and has reduced his viral load to a point where it is undetectable.)

I would feel safe having sex with someone who is HIV-positive as long as they are receiving treatment and have reduced their viral load to a point where it is undetectable.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[3] = 3 then

h30c (I am less worried about HIV infection than I used to be.)

I am less worried about HIV infection than I used to be.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[3] = 4 then

h30d (I believe that HIV treatment makes people less likely to transmit the HIV virus.)

I believe that HIV treatment makes people less likely to transmit the HIV virus.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat

- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

End of if

if h30_order[4] = 1 then

h30a (The new HIV treatments make me less anxious about having sex without a condom.)

The new HIV treatments make me less anxious about having sex without a condom.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[4] = 2 then

h30b (I would feel safe having sex with someone who is HIV-positive as long as he is receiving treatment and has reduced his viral load to a point where it is undetectable.)

I would feel safe having sex with someone who is HIV-positive as long as they are receiving treatment and have reduced their viral load to a point where it is undetectable.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[4] = 3 then

h30c (I am less worried about HIV infection than I used to be.)

I am less worried about HIV infection than I used to be.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

elseif h30_order[4] = 4 then

h30d (I believe that HIV treatment makes people less likely to transmit the HIV virus.)

I believe that HIV treatment makes people less likely to transmit the HIV virus.

- 1 Disagree strongly
- 2 Disagree somewhat
- 3 Undecided
- 4 Agree somewhat
- 5 Agree very strongly
- 6 Not sure
- 7 Prefer not to answer

End of if

End of subgroup of questions

End of group of questions

h31 (how likely that HIV-negative man will get HIV virus)

Please imagine a situation in which an HIV-positive man, who is taking medications and reduced his viral load to a point where it is undetectable, has unprotected anal sex with an HIV-negative man. The HIV-positive man is the top and he ejaculates inside the HIV-negative man. How likely do you think it is that the HIV-negative man will get the HIV virus from this encounter?

- 1 No chance or almost no chance
- 2 Very unlikely
- 3 Somewhat unlikely
- 4 Not sure
- 5 Somewhat likely
- 6 Very likely
- 7 Certain or almost certain

h32a (heard about U=U)

Have you heard about U=U?

- 1 Yes
- 2 No
- 3 Don't know

if h32a = 1 then

if h32b_order[1] = empty then

End of if

h32b (what is U=U)

What do you think the expression U=U stands for?

- 1 Undetectable equals Untransmittable
- 2 Unity equals Us
- 3 Undivided equals United
- 4 Undervalued equals Underserved
- 5 Unattached equals Unsure
- 6 Uninfected equals Unintentional
- 7 Other/don't know

End of if

h33 (believability of U=U concept)

U=U means Undetectable equals Untransmittable, that is, HIV-positive people who take medication and bring their HIV viral load down to the point at which it is undetectable using standard medical tests cannot sexually transmit HIV to an HIV-negative partner. Please use the scale below to rate how much you believe the U=U concept.

- 1 Very unbelievable
- 2 Somewhat unbelievable
- 3 Not sure
- 4 Somewhat believable
- 5 Very believable

Group of questions presented on the same screen

h34 (first hear about concept of U=U)

How did you first hear about the concept of U=U, or Undetectable = Untransmittable?

- 1 A friend
- 2 A family member
- 3 A healthcare provider

- 4 A community outreach worker
- 5 At a community meeting or event
- 6 An advertisement.
- 7 The Internet (specify):
- 8 Other (specify):

h34_internet (internet first hear about concept of U=U)
STRING

h34_other (other first hear about concept of U=U)
STRING

End of group of questions

if h34 = 6 then

Group of questions presented on the same screen

h34a (where hear or see any advertisements about U=U)
Where did you hear or see any advertisements about U=U, or Undetectable = Untransmittable?
1 Television
2 Radio
3 Newspaper
4 Magazine
5 Internet (specify):
6 Other (specify):

h34a_internet (internet where hear or see any advertisements about U=U)
STRING

h34a_other (other where hear or see any advertisements about U=U)
STRING

End of group of questions

h34b (advertisement made to want to learn more)

Did the advertisement you heard or saw for a U=U, or Undetectable = Untransmittable, campaign make you want to learn more about U=U?

- 1 Yes
- 2 No
- 3 Not sure

Group of questions presented on the same screen

h34c (seeing advertisement did anything)

After seeing any advertisement about U=U, did you DO anything? Here are some examples of things you may have done - choose any that apply.

- 1 I went to a website
- 2 I talked to someone about it
- 3 I felt better about having sex
- 4 I changed my behavior
- 5 I did something else (Specify):
- 6 I didn't do anything

h34c_other (other seeing advertisement did anything)

STRING

End of group of questions

End of if

End of if

Group of questions presented on the same screen

h35_intro

Now we'd like to ask you some questions about your perceptions of the current coronavirus epidemic.

Subgroup of questions

h35a (The coronavirus poses a significant threat to my overall health)

The coronavirus poses a significant threat to my overall health.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree
- 6 Not sure
- 7 Prefer not to answer

h35b (The coronavirus poses a significant threat to my life)

The coronavirus poses a significant threat to my life.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree
- 6 Not sure
- 7 Prefer not to answer

h35c (The federal government wants to protect me from the coronavirus)

The federal government wants to protect me from the coronavirus.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree
- 6 Not sure
- 7 Prefer not to answer

h35d (My state government wants to protect me from the coronavirus)

My state government wants to protect me from the coronavirus.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree
- 6 Not sure
- 7 Prefer not to answer

h35e (Most healthcare workers want to protect me from the coronavirus)

Most healthcare workers want to protect me from the coronavirus.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree

- 4 Disagree
- 5 Strongly disagree
- 6 Not sure
- 7 Prefer not to answer

h35f (The media is portraying the coronavirus as more threatening than it actually is)

The media is portraying the coronavirus as more threatening than it actually is.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree
- 6 Not sure
- 7 Prefer not to answer

h35g (I trust the news media to accurately report information about the coronavirus)

I trust the news media to accurately report information about the coronavirus.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree
- 6 Not sure
- 7 Prefer not to answer

h35h (I trust the federal government to accurately report information about the coronavirus)

I trust the federal government to accurately report information about the coronavirus.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree
- 6 Not sure
- 7 Prefer not to answer

h35i (I trust the federal government to combat the coronavirus)

I trust the federal government to combat the coronavirus.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree

- 6 Not sure
- 7 Prefer not to answer

h35j (I trust my state government to combat the coronavirus)

I trust my state government to combat the coronavirus.

- 1 Strongly agree
- 2 Agree
- 3 Neither agree or disagree
- 4 Disagree
- 5 Strongly disagree
- 6 Not sure
- 7 Prefer not to answer

End of subgroup of questions

End of group of questions

k_intro (As we finish up, we'd like to learn some more about your background. Some of this may have come up before, but I need to ask to make sure we have...)

In this next section, we'd like to learn some more about your background. Some of this may have come up before, but we need to ask to make sure we haven't missed anything.

Group of questions presented on the same screen

k1 (highest level of school/degree)

What is the highest year or degree of schooling that you have completed? *(If you are currently enrolled, answer the last year or degree that you finished.)*

- 1 Less than 9th grade
- 2 9th grade to 12th grade, but did not graduate
- 3 High school graduate
- 4 GED or equivalent
- 5 Some college
- 6 Associate degree
- 7 Bachelor's degree
- 8 Master's degree
- 9 Higher professional degree (like MD, JD, or PhD)
- 10 Other:

k1_other (other)

STRING

k2 (year highest level of school/degree)

In what year did you complete your highest degree?

RANGE 1950..2015

End of group of questions

if a2a = 1 OR (a3a = YES AND partnerinhousehold = YES) then

Group of questions presented on the same screen

k3 (spouse highest level of school/degree)

What is the highest year or degree of schooling that [Name your spouse/partner wherever you think he/she fits. []] has completed? *(If currently enrolled, answer the last year or degree finished.)*

- 1 Less than 9th grade
- 2 9th grade to 12th grade, but did not graduate
- 3 High school graduate
- 4 GED or equivalent
- 5 Some college
- 6 Associate degree
- 7 Bachelor's degree
- 8 Master's degree
- 9 Higher professional degree (like MD, JD, or PhD)
- 10 Other:

k3_other (other spouse highest level of school/degree)

STRING

End of group of questions

Group of questions presented on the same screen

k4a (spouse employment situation)

Which of the following best describes [Name your spouse/partner wherever you think he/she fits. []]'s current situation? You can check more than one answer.

- 1 Employed full-time
- 2 Employed part-time
- 3 Going to school
- 4 Unemployed and looking for work

- 5 Unemployed and not looking for work
- 6 Retired
- 7 Home maker, taking care of the home
- 8 Something else:

k4a_other (other spouse employment situation)
STRING

End of group of questions

if 1 in k4a or 2 in k4a then

Group of questions presented on the same screen

k4b (spouse how many hours worked on average)

About how many hours does [Name your spouse/partner wherever you think he/she fits.[]] work on average? Count hours in all the jobs if he/she has more than one.

k4c (spouse how work)

Is [Name your spouse/partner wherever you think he/she fits.[]] self-employed, working for someone else, or both? (That is for his/her/their main job, if he/she/they has more than one.)

- 1 Self-employed
- 2 Working for someone else
- 3 Both
- 4 Other:

k4c_other (other spouse how work)

STRING

k4d (spouse type of work)

What kind of work does [Name your spouse/partner wherever you think he/she fits.[]] do? That is, what is the job called? (The main job, if he/she has more than one.)

STRING

End of group of questions

End of if

if 3 in k4a then

k4e (spouse full time part time school)

Is [Name your spouse/partner wherever you think he/she fits.[]] going to school full-time or part-time?

- 1 Full-time
- 2 Part-time
- 3 Other

End of if

if 4 in k4a or 5 in k4a then

Group of questions presented on the same screen

k4f (spouse type of work did)

What kind of work did [Name your spouse/partner wherever you think he/she fits.[]] do just before he/she became unemployed? That is, what was the job called?

STRING

k4f_1 (spouse how long unemployed)

About how many months has it been since [Name your spouse/partner wherever you think he/she fits.[]] became unemployed?

End of group of questions

End of if

if 6 in k4a then

Group of questions presented on the same screen

k4g (spouse type of work did)

What kind of work did [Name your spouse/partner wherever you think he/she fits.[]] (mainly) do just before he/she retired? That is, what was his/her/their job called?

STRING

k4g_1 (spouse how long retired)

About how many years has [Name your spouse/partner wherever you think he/she fits.[]] been retired?

End of group of questions

End of if

if 7 in k4a and not (1 in k4a or 2 in k4a or 4 in k4a or 5 in k4a) then

k4h_1 (spouse ever full time job)

Did [Name your spouse/partner wherever you think he/she fits.[]] ever have a full-time job?

1 (YES) Yes

2 (NO) No

8 Don't know

if k4h_1 = 1 then

k4h_2 (spouse how long since worked)

About how many years has it been since [Name your spouse/partner wherever you think he/she fits.[]] worked?

End of if

End of if

End of if

if a2a = 1 OR (a3a = YES and partnerinhousehold = YES) then

Group of questions presented on the same screen

k7 (spouse hispanic latino)

Is [Name your spouse/partner wherever you think he/she fits.[]] of Hispanic, Latino or Spanish origin?

1 (YES) Yes

2 (NO) No

8 Don't know

k8 (spouse hispanic latino)

What is [Name your spouse/partner wherever you think he/she fits.[]]'s race?

- 1 White
- 2 Black, African American
- 3 American Indian, (Alaskan Native)
- 4 Asian
- 6 Other:
- 8 Don't know

k8_other (spouse other race)
STRING

End of group of questions

End of if

Group of questions presented on the same screen

k9a (country born)

In what country were you born?

- 1 U.S.A.
- 2 Canada
- 3 China (including Taiwan)
- 15 Egypt
- 4 El Salvador
- 5 Germany
- 6 Guatemala
- 16 Honduras
- 7 India
- 8 Iran
- 9 Japan
- 10 Korea
- 11 Mexico
- 12 Philippines
- 13 U.K.
- 14 Vietnam
- 17 Turkey
- 18 Other:

k9a_other (other country born)

In what country were you born?

STRING

End of group of questions

if k9a = 1 then

Group of questions presented on the same screen

k9b (state born)

In which state were you born?

- 1 Alaska (AK)
- 2 Alabama (AL)
- 3 Arizona (AZ)
- 4 Arkansas (AR)
- 5 California (CA)
- 6 Colorado (CO)
- 7 Connecticut (CT)
- 8 Delaware (DE)
- 9 Florida (FL)
- 10 Georgia (GA)
- 11 Hawaii (HI)
- 12 Idaho (ID)
- 13 Illinois (IL)
- 14 Indiana (IN)
- 15 Iowa (IA)
- 16 Kansas (KS)
- 17 Kentucky (KY)
- 18 Louisiana (LA)
- 19 Maine (ME)
- 20 Maryland (MD)
- 21 Massachusetts (MA)
- 22 Michigan (MI)
- 23 Minnesota (MN)
- 24 Mississippi (MS)
- 25 Missouri (MO)
- 26 Montana (MT)
- 27 Nebraska (NE)
- 28 Nevada (NV)
- 29 New Hampshire (NH)
- 30 New Jersey (NJ)
- 31 New Mexico (NM)
- 32 New York (NY)
- 33 North Carolina (NC)
- 34 North Dakota (ND)
- 35 Ohio (OH)
- 36 Oklahoma (OK)
- 37 Oregon (OR)

- 38 Pennsylvania (PA)
- 39 Rhode Island (RI)
- 40 South Carolina (SC)
- 41 South Dakota (SD)
- 42 Tennessee (TN)
- 43 Texas (TX)
- 44 Utah (UT)
- 45 Vermont (VT)
- 46 Virginia (VA)
- 47 Washington (WA)
- 48 West Virginia (WV)
- 49 Wisconsin (WI)
- 50 Wyoming (WY)
- 51 Washington D.C.
- 52 Puerto Rico

k9b_city (city born)

In which city or town were you born?

STRING

k9c (years lived in california)

How many years, all together, have you lived in [^state_preload/your current state of residence]?

End of group of questions

Group of questions presented on the same screen

k10a (person who votes)

Are you a person who manages to vote in most elections, manages to vote in some elections, or usually doesn't vote?

- 1 Most elections
- 2 Some elections
- 3 Usually doesn't vote

k10b (democrat, republican, other)

Generally speaking, do you usually think of yourself as a Democrat, a Republican, or something else?

- 1 Democrat
- 2 Republican
- 3 Independent
- 4 Not Sure
- 5 Something else (specify):

k10b_other (other political)

STRING

End of group of questions

k10c (joined in protest march)

During the past 4 years, have you joined in a protest march, rally, or demonstration?

- 1 Yes
- 2 No
- 3 Prefer not to answer

k10d (how likely future join protest march)

In the future, how likely are you to join in a protest march, rally, or demonstration?

- 1 Extremely Likely
- 2 Very likely
- 3 Moderately likely
- 4 A little likely
- 5 Not at all likely
- 6 Don't know
- 7 Refused

Else

Group of questions presented on the same screen

if k9a = response then

k9d (moved to US)

What age were you when you permanently moved to the US? *(Enter 0 if less than one year old.)*

1 Age:

96 Have not permanently moved to US

k9d_age (age moved to US)

What age were you when you permanently moved to the US? *(Enter 0 if less than one year old.)*

End of if

k9e (us citizen)

Are you a US citizen?

1 Yes

2 No

3 Other:

4 Prefer not to answer

k9e_other (other us citizen)

STRING

End of group of questions

k9c (years lived in california)

How many years, all together, have you lived in [^state_preload/your current state of residence]?

if k9e = 1 then

Group of questions presented on the same screen

k10a (person who votes)

Are you a person who manages to vote in most elections, manages to vote in some elections, or usually doesn't vote?

1 Most elections

2 Some elections

3 Usually doesn't vote

End of group of questions

End of if

Group of questions presented on the same screen

k10b (democrat, republican, other)

Generally speaking, do you usually think of yourself as a Democrat, a Republican, or something else?

- 1 Democrat
- 2 Republican
- 3 Independent
- 4 Not Sure
- 5 Something else (specify):

k10b_other (other political)
STRING

End of group of questions

k10c (joined in protest march)

During the past 4 years, have you joined in a protest march, rally, or demonstration?

- 1 Yes
- 2 No
- 3 Prefer not to answer

k10d (how likely future join protest march)

In the future, how likely are you to join in a protest march, rally, or demonstration?

- 1 Extremely Likely
- 2 Very likely
- 3 Moderately likely
- 4 A little likely
- 5 Not at all likely
- 6 Don't know
- 7 Refused

End of if

if a2a = 1 OR (a3a = YES and partnerinhousehold = YES) then

Group of questions presented on the same screen

k11 (country spouse born)

In what country was [Name your spouse/partner wherever you think he/she fits.[]] born?

- 1 U.S.A.
- 2 Canada
- 3 China (including Taiwan)
- 15 Egypt

- 4 El Salvador
- 5 Germany
- 6 Guatemala
- 16 Honduras
- 7 India
- 8 Iran
- 9 Japan
- 10 Korea
- 11 Mexico
- 12 Philippines
- 13 U.K.
- 14 Vietnam
- 17 Turkey
- 18 Other:

k11_other (other country spouse born)
STRING

End of group of questions

End of if

Group of questions presented on the same screen

k12 (country father born)

In what country was your father born?

- 1 U.S.A.
- 2 Canada
- 3 China (including Taiwan)
- 15 Egypt
- 4 El Salvador
- 5 Germany
- 6 Guatemala
- 16 Honduras
- 7 India
- 8 Iran
- 9 Japan
- 10 Korea
- 11 Mexico
- 12 Philippines
- 13 U.K.
- 14 Vietnam

17 Turkey

18 Other:

k12_other (other country father born)

STRING

End of group of questions

Group of questions presented on the same screen

k12_ed_father (father highest level of school/degree)

To the best of your knowledge, what is the highest year or degree of schooling that your father completed?

1 Less than 9th grade

2 9th grade to 12th grade, but did not graduate

3 High school graduate

4 GED or equivalent

5 Some college

6 Associate degree

7 Bachelor's degree

8 Master's degree

9 Higher professional degree (like MD, JD, or PhD)

10 Other:

11 Not sure

k12_ed_father_other (other father highest level of school/degree)

STRING

End of group of questions

Group of questions presented on the same screen

k13 (country mother born)

In what country was your mother born?

1 U.S.A.

2 Canada

3 China (including Taiwan)

15 Egypt

4 El Salvador

5 Germany

- 6 Guatemala
- 16 Honduras
- 7 India
- 8 Iran
- 9 Japan
- 10 Korea
- 11 Mexico
- 12 Philippines
- 13 U.K.
- 14 Vietnam
- 17 Turkey
- 18 Other:

k13_other (other country mother born)

STRING

End of group of questions

Group of questions presented on the same screen

k13_ed_mother (mother highest level of school/degree)

To the best of your knowledge, what is the highest year or degree of schooling that your mother completed?

- 1 Less than 9th grade
- 2 9th grade to 12th grade, but did not graduate
- 3 High school graduate
- 4 GED or equivalent
- 5 Some college
- 6 Associate degree
- 7 Bachelor's degree
- 8 Master's degree
- 9 Higher professional degree (like MD, JD, or PhD)
- 10 Other:
- 11 Not sure

k13_ed_mother_other (other mother highest level of school/degree)

STRING

End of group of questions

Group of questions presented on the same screen

k15 (religion)

What is your religion, if any?

- 1 Christian (we'll ask which denomination next)
- 2 Catholic
- 3 Jewish
- 4 Muslim
- 5 Buddhist
- 6 Other (specify):
- 7 No religion

k15_other (other religion)

STRING

k16 (raised religion)

What religion were you raised in, if any?

- 1 Christian (we'll ask which denomination next)
- 2 Catholic
- 3 Jewish
- 4 Muslim
- 5 Buddhist
- 6 Other (specify):
- 7 No religion

k16_other (other raised religion)

STRING

End of group of questions

if k15 = 1 or k16 = 1 then

Group of questions presented on the same screen

if k15 = 1 then

k15_christian (christian denomination)

Which Christian denomination do you identify with?

- 1 Baptist
- 2 Methodist
- 3 Evangelical
- 4 Protestant
- 5 Presbyterian
- 6 Lutheran
- 7 Episcopalian
- 8 Pentecostal
- 9 Other (specify):

k15_christian_other (other christian denomination)
STRING

End of if

if k16 = 1 then

- k16_christian (raised christian denomination)**
Which Christian denomination were you raised in?
- 1 Baptist
 - 2 Methodist
 - 3 Evangelical
 - 4 Protestant
 - 5 Presbyterian
 - 6 Lutheran
 - 7 Episcopalian
 - 8 Pentecostal
 - 9 Other (specify):

k16_christian_other (raised other christian denomination)
STRING

End of if

End of group of questions

End of if

if a2a = 1 OR (a3a = YES and partnerinhousehold = YES) then

Group of questions presented on the same screen

k17 (spouse religion)

What is [Name your spouse/partner wherever you think he/she fits.[]]'s religion, if any?

- 1 Christian (we'll ask which denomination next)
- 2 Catholic
- 3 Jewish
- 4 Muslim
- 5 Buddhist
- 6 Other (specify):
- 7 No religion

k17_other (other spouse religion)

STRING

k18 (spouse raised religion)

What is the religion in which [Name your spouse/partner wherever you think he/she fits.[]] was raised, if any?

- 1 Christian (we'll ask which denomination next)
- 2 Catholic
- 3 Jewish
- 4 Muslim
- 5 Buddhist
- 6 Other (specify):
- 7 No religion

k18_other (other spouse raised religion)

STRING

End of group of questions

if k17 = 1 or k18 = 1 then

Group of questions presented on the same screen

if k17 = 1 then

k17_christian (spouse christian denomination)

Which Christian denomination does [Name your spouse/partner wherever you think he/she fits.[]] identify with?

- 1 Baptist
- 2 Methodist
- 3 Evangelical
- 4 Protestant
- 5 Presbyterian
- 6 Lutheran
- 7 Episcopalian
- 8 Pentecostal
- 9 Other (specify):

k17_christian_other (spouse other christian denomination)
STRING

End of if

if k18 = 1 then

k18_christian (raised spouse christian denomination)

Which Christian denomination was [Name your spouse/partner wherever you think he/she fits.[]] raised in?

- 1 Baptist
- 2 Methodist
- 3 Evangelical
- 4 Protestant
- 5 Presbyterian
- 6 Lutheran
- 7 Episcopalian
- 8 Pentecostal
- 9 Other (specify):

k18_christian_other (raised spouse other christian denomination)
STRING

End of if

End of group of questions

End of if

End of if

Group of questions presented on the same screen

k19 (active in religious organization)

Do you belong to or are you active in a particular church, synagogue, temple, or other religious organization?

- 1 (YES) Yes
- 2 (NO) No

if mode = CAPI then

k19_other
STRING

End of if

k20 (how often attend religious services)

In the last year or so, about how often did you attend religious services?

- 1 About every week or more
- 2 A couple of times a month or so
- 3 Several times a year
- 4 A few times a year or less
- 5 Not at all

if mode = CAPI then

k20_other
STRING

End of if

End of group of questions

if k19 = 1 then

k19a (which religious organization)

Which particular church, synagogue, temple, or other religious organization do you belong to or are you active in?

STRING

End of if

if a2a = 1 OR (a3a = YES and partnerinhousehold = YES) OR adultrelativesinhousehold = YES then

k21a (family income)

Altogether, approximately what was the total income of your household (excluding roommates or boarders) in 2019 before taxes or deductions? (This includes wages, business income, interest or dividends, Social Security, other pensions, alimony or child support, unemployment compensation, public aid welfare, armed forces or veteran's allotment.)

- 1 Under \$15,000
- 2 \$15,000 to \$24,999
- 3 \$25,000 to \$34,999
- 4 \$35,000 to \$44,999
- 5 \$45,000 to \$59,999
- 6 \$60,000 to \$74,999
- 7 \$75,000 to \$99,999
- 8 \$100,000 to \$124,999
- 9 \$125,000 to \$149,999
- 10 \$150,000 to \$199,999
- 11 \$200,000 to \$299,999
- 12 \$300,000 to \$499,999
- 13 \$500,000 or more

if k21a = empty OR k21a = DK or k21a = RF then

k21b (approximate family income)

We understand that you may not be comfortable disclosing your income range. Can you at least tell us whether your total household income in 2019 was lower or higher than about \$80,000?

- 1 Lower
- 2 Higher
- 3 About \$80,000

End of if

End of if

k22a (personal income)

[What about the income that you personally make?/Altogether, what would you say was approximately your personal income in 2019 before taxes or deductions?] (*income includes wages, business income, interest or dividends, Social Security, other pensions, alimony or child support, unemployment compensation, public aid welfare, armed forces or veteran's allotment.*)

- 1 Under \$15,000
- 2 \$15,000 to \$24,999
- 3 \$25,000 to \$34,999
- 4 \$35,000 to \$44,999
- 5 \$45,000 to \$59,999
- 6 \$60,000 to \$74,999
- 7 \$75,000 to \$99,999
- 8 \$100,000 to \$124,999
- 9 \$125,000 to \$149,999
- 10 \$150,000 to \$199,999
- 11 \$200,000 to \$299,999
- 12 \$300,000 to \$499,999
- 13 \$500,000 or more

if k22a = empty OR k22a = DK or k22a = RF then

k22b (approximate personal income)

We understand that you may not be comfortable disclosing your income range. Can you at least tell us whether your own personal income in 2019 was higher or lower than about \$50,000?

- 1 Lower
- 2 Higher
- 3 About \$50,000

End of if

Group of questions presented on the same screen

sc014_intro

Thank you! You've completed the VUSNAPS survey. In order for us to be able to send you your checks, we would like to ask you for your address. Please fill in your address below

Raddress1

STRING

Raddress2

STRING

Rcity

STRING

Rzipcode

STRING

Rstate

- 1 Alaska (AK)
- 2 Alabama (AL)
- 3 Arizona (AZ)
- 4 Arkansas (AR)
- 5 California (CA)
- 6 Colorado (CO)
- 7 Connecticut (CT)
- 8 Delaware (DE)
- 9 Florida (FL)
- 10 Georgia (GA)
- 11 Hawaii (HI)
- 12 Idaho (ID)
- 13 Illinois (IL)
- 14 Indiana (IN)
- 15 Iowa (IA)
- 16 Kansas (KS)
- 17 Kentucky (KY)
- 18 Louisiana (LA)
- 19 Maine (ME)
- 20 Maryland (MD)
- 21 Massachusetts (MA)
- 22 Michigan (MI)
- 23 Minnesota (MN)
- 24 Mississippi (MS)
- 25 Missouri (MO)
- 26 Montana (MT)
- 27 Nebraska (NE)
- 28 Nevada (NV)
- 29 New Hampshire (NH)
- 30 New Jersey (NJ)
- 31 New Mexico (NM)
- 32 New York (NY)
- 33 North Carolina (NC)
- 34 North Dakota (ND)
- 35 Ohio (OH)
- 36 Oklahoma (OK)
- 37 Oregon (OR)
- 38 Pennsylvania (PA)
- 39 Rhode Island (RI)
- 40 South Carolina (SC)
- 41 South Dakota (SD)

42 Tennessee (TN)
43 Texas (TX)
44 Utah (UT)
45 Vermont (VT)
46 Virginia (VA)
47 Washington (WA)
48 West Virginia (WV)
49 Wisconsin (WI)
50 Wyoming (WY)
51 Washington D.C.
52 Puerto Rico

End of group of questions

Group of questions presented on the same screen

k23_intro (approximate personal income)

We are almost done. Thank you very much for all your cooperation. As agreed, we will interview you again in about a year. In case you move before then and we lose contact with you, please provide us with a phone number and an email of someone else who would know where you might be.

k23_name (contact name)

STRING

k23_phone (contact phone)

STRING

k23_email (contact email)

STRING

End of group of questions

k35 (payment method)

For your participation in this study, you will be compensated \$40. Please choose an option for method of payment:

- 1 Paper check mailed to my address
- 2 Electronic gift card sent via email. You will be able to choose one of the following: a Mastercard or Visa prepaid card, or a gift card from Amazon, Apple, Target, Starbucks, Macy's, Best Buy, or Walmart.

Group of questions presented on the same screen

k24 (plans to move)

Do you have any plans to move in the next year and a half?

1 (YES) Yes

2 (NO) No

8 Don't know

k25 (interested in hearing more)

Would you be interested in hearing more about additional studies related to this one that you may qualify for?

1 (YES) Yes

2 (NO) No

End of group of questions

if mode = CASI then

End of if