

if FLLastWaveDate = "" then
End of if

if lastwave = 1 then

Else
End of if

if year_preload = response and month_preload = response then

elseif year_preload = response then

Else
End of if

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, Georgia 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/wave3/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.

In the next few weeks, we will be processing your payment of \$60. Your payment will arrive based on your previous selection as either check to the mailing address you provided or an email address with a gift card selection option. 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 the coronavirus pandemic and mail slowness continues to affect this timing. 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

Phone: 1-877-932-0614

Email: vusnaps@vanderbilt.edu (mailto:mailto:vusnaps@vanderbilt.edu)//]

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. 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.

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Thank you again for your participation,

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Phone: 1-877-932-0614

Email: vusnaps@vanderbilt.edu (mailto:mailto:vusnaps@vanderbilt.edu//]

Exit the survey

End of if

if year_preload = response then

a1_year (year confirmation)

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

1 (YES) Yes

2 (NO) No

Else

Group of questions presented on the same screen

birthintro (year of birth)

We are missing information on your month and year of birth. This is important for us to be able to keep track of how old you are while in the study.

What month and year were you born?

monthofbirth (month of birth)

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

yearofbirth (year of birth)

RANGE 1900..2023

End of group of questions**End of if****if year_preload = response and 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 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.

In the next few weeks, we will be processing your payment of \$60. Your payment will arrive based on your previous selection as either check to the mailing address you provided or an email address with a gift card selection option. 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 the coronavirus pandemic and mail slowness continues to affect this timing. 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

Phone: 1-877-932-0614

Email: vusnaps@vanderbilt.edu (mailto:mailto:vusnaps@vanderbilt.edu//)]

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? Check 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 that you identify as [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 [gender identification[]] (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

The 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 now.

- 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. Some you may have named in the last survey, too.
- Please be sure to give us names or nicknames of specific people, not categories of people.
- All the names will be kept strictly confidential.
- Please enter all individuals separately. For example, enter two members of a couple on two lines and list out members of your family instead of writing "family" in the box.

a2a (marital status)

Let's 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

if preload_a2b_1 = response then

a2b_1_confirmed (still spouse)
Is [preloaded name spouse[]] still your spouse?
1 (YES) Yes
2 (NO) No

if a2b_1_confirmed = 1 then
End of if

End of if

if a2b_1 = empty then

a2b_1 (name spouse)
Please write in your spouse's name.
STRING

if preload_a2b_1 = response AND a2b_1_confirmed != 1 then

a2b_1_newname (still spouse new name)
Is this name ([[]]) a correction of the name you used before ([preloaded name spouse[]]) or is this a different person?
1 This is a correction of the name
2 This is a different person

End of if

End of if

Else
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

if preload_a6 = 2 then
End of if

if preload_a7 = 2 then
End of if

if preload_a6 != 2 OR preload_a7 != 2 then

Group of questions presented on the same screen

if preload_a6 != 2 AND preload_a7 != 2 then

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

elseif preload_a6 != 2 then

a6_intro2_mother (We'd also like to know about your parents.)
We'd also like to know about your mother.

elseif preload_a7 != 2 then

a6_intro2_father (We'd also like to know about your parents.)
We'd also like to know about your father.

End of if

if preload_a6 != 2 then

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

End of if

if preload_a7 != 2 then

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 if

End of group of questions

End of if

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

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

End of group of questions

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

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

End of group of questions**a19h (moved since previous interview)**

Have you moved since the previous survey in [[]]?

1 Yes

2 No

if a19h = YES then**a19i (why moved since previous interview)**

Why did you move?

STRING

Group of questions presented on the same screen**a19j (how far moved since previous interview)**

How far is where you live now from where you lived at the time of the previous survey?

1 In the same neighborhood

2 In a different neighborhood but in the same town

3 In a different town but still in the same area

4 Out of the area, but still in the state

5 Out of the state

6 Other:

a19j_other (other how far moved since previous interview)

STRING

End of group of questions**End of if****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

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 last year)

Generally speaking, how much has the coronavirus pandemic affected how often you see or go out with friends in the last year?

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_checktext[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

if lastwave = 1 then

b3a_intro (Professional association, business group under 18)

The next set of questions will ask you how frequently you participated in any groups or organizations at different times in your life.

Group of questions presented on the same screen

b3a_1_intro (Professional association, business group under 18)

How often did you participate, if at all, in one or more community organizations or groups when you were **under 18**:

Subgroup of questions

b3a_1_1 (Professional association, business group under 18)

Professional association, business group

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_2_1 (Organized sports team under 18)

Organized sports team

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_3_1 (Neighborhood or block association under 18)

Neighborhood or block association

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_4_1 (A service organization (like the Rotary, Red Cross, or a food bank) under 18)

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

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_5_1 (A religious organization like a church or synagogue under 18)

A religious organization like a church or synagogue

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year

- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_6_1 (A local performing arts or cultural organization (like a choir or amateur theater) under 18)

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

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_7_1 (An LGBTQ organization under 18)

An LGBTQ organization

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_8_1 (A political organization under 18)

A political organization

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_9_1 (A student or school organization under 18)

A student or school organization

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_10_1 (Another kind of organization under 18)

Another kind of organization:

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

End of subgroup of questions

b3a_10_1_other (specify another kind of organization under 18)
 STRING

End of group of questions

Group of questions presented on the same screen

b3a_2_intro (Professional association, business group under 18)
 How often did you participate, if at all, in one or more community organizations or groups when you were **18 to 29 years old**:

Subgroup of questions

- b3a_1_2 (Professional association, business group 18 to 29 years old)**
 Professional association, business group
- 0 Never
 - 1 Rarely, about once every few years
 - 2 Sometimes, about once every other year
 - 3 Often, about once each year or more
 - 4 Not applicable, I knew of no available organization

- b3a_2_2 (Organized sports team 18 to 29 years old)**
 Organized sports team
- 0 Never
 - 1 Rarely, about once every few years
 - 2 Sometimes, about once every other year
 - 3 Often, about once each year or more
 - 4 Not applicable, I knew of no available organization

b3a_3_2 (Neighborhood or block association 18 to 29 years old)

Neighborhood or block association

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_4_2 (A service organization (like the Rotary, Red Cross, or a food bank) 18 to 29 years old)

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

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_5_2 (A religious organization like a church or synagogue 18 to 29 years old)

A religious organization like a church or synagogue

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_6_2 (A local performing arts or cultural organization (like a choir or amateur theater) 18 to 29 years old)

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

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_7_2 (An LGBTQ organization 18 to 29 years old)

An LGBTQ organization

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year

- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_8_2 (A political organization 18 to 29 years old)

A political organization

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_9_2 (A student or school organization 18 to 29 years old)

A student or school organization

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_10_2 (Another kind of organization 18 to 29 years old)

Another kind of organization:

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

End of subgroup of questions

b3a_10_2_other (specify another kind of organization 18 to 29 years old)

STRING

End of group of questions

Group of questions presented on the same screen

b3a_3_intro (Professional association, business group 30 to 49 years old)

How often did you participate, if at all, in one or more community organizations or groups when you were **30 to 49 years old**:

Subgroup of questions

b3a_1_3 (Professional association, business group 30 to 49 years old)

Professional association, business group

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_2_3 (Organized sports team 30 to 49 years old)

Organized sports team

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_3_3 (Neighborhood or block association 30 to 49 years old)

Neighborhood or block association

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_4_3 (A service organization (like the Rotary, Red Cross, or a food bank) 30 to 49 years old)

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

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_5_3 (A religious organization like a church or synagogue 30 to 49 years old)

A religious organization like a church or synagogue

0 Never

1 Rarely, about once every few years

2 Sometimes, about once every other year

3 Often, about once each year or more

4 Not applicable, I knew of no available organization

b3a_6_3 (A local performing arts or cultural organization (like a choir or amateur theater) 30 to 49 years old)

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

0 Never

1 Rarely, about once every few years

2 Sometimes, about once every other year

3 Often, about once each year or more

4 Not applicable, I knew of no available organization

b3a_7_3 (An LGBTQ organization 30 to 49 years old)

An LGBTQ organization

0 Never

1 Rarely, about once every few years

2 Sometimes, about once every other year

3 Often, about once each year or more

4 Not applicable, I knew of no available organization

b3a_8_3 (A political organization 30 to 49 years old)

A political organization

0 Never

1 Rarely, about once every few years

2 Sometimes, about once every other year

3 Often, about once each year or more

4 Not applicable, I knew of no available organization

b3a_9_3 (A student or school organization 30 to 49 years old)

A student or school organization

0 Never

1 Rarely, about once every few years

2 Sometimes, about once every other year

3 Often, about once each year or more
 4 Not applicable, I knew of no available organization

b3a_10_3 (Another kind of organization 30 to 49 years old)
 Another kind of organization:
 0 Never
 1 Rarely, about once every few years
 2 Sometimes, about once every other year
 3 Often, about once each year or more
 4 Not applicable, I knew of no available organization

End of subgroup of questions

b3a_10_3_other (specify another kind of organization 30 to 49 years old)
 STRING

End of group of questions

Group of questions presented on the same screen

b3a_4_intro (Professional association, business group 50 or older)
 How often did you participate, if at all, in one or more community organizations or groups when you were **50 years or older**:

Subgroup of questions

b3a_1_4 (Professional association, business group 50 or older)
 Professional association, business group
 0 Never
 1 Rarely, about once every few years
 2 Sometimes, about once every other year
 3 Often, about once each year or more
 4 Not applicable, I knew of no available organization

b3a_2_4 (Organized sports team 50 or older)
 Organized sports team

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_3_4 (Neighborhood or block association 50 or older)

Neighborhood or block association

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_4_4 (A service organization (like the Rotary, Red Cross, or a food bank) 50 or older)

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

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_5_4 (A religious organization like a church or synagogue 50 or older)

A religious organization like a church or synagogue

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_6_4 (A local performing arts or cultural organization (like a choir or amateur theater) 50 or older)

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

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_7_4 (An LGBTQ organization 50 or older)

An LGBTQ organization

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_8_4 (A political organization 50 or older)

A political organization

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_9_4 (A student or school organization 50 or older)

A student or school organization

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

b3a_10_4 (Another kind of organization 50 or older)

Another kind of organization:

- 0 Never
- 1 Rarely, about once every few years
- 2 Sometimes, about once every other year
- 3 Often, about once each year or more
- 4 Not applicable, I knew of no available organization

End of subgroup of questions

b3a_10_4_other (specify another kind of organization 50 or older)

STRING

End of group of questions

End of if**Group of questions presented on the same screen****b3a_5_intro (Professional association, business group in the last year)**

How often did you participate, if at all, in one or more community organizations or groups **in the last year**:

Subgroup of questions

b3a_1_5 (Professional association, business group in the last year)

Professional association, business group

- 0 Never
- 1 Rarely, once or twice over the year
- 2 Sometimes, once every other month
- 3 Often, once a month or more
- 4 Not applicable, I knew of no available organization

b3a_2_5 (Organized sports team in the last year)

Organized sports team

- 0 Never
- 1 Rarely, once or twice over the year
- 2 Sometimes, once every other month
- 3 Often, once a month or more
- 4 Not applicable, I knew of no available organization

b3a_3_5 (Neighborhood or block association in the last year)

Neighborhood or block association

- 0 Never
- 1 Rarely, once or twice over the year
- 2 Sometimes, once every other month
- 3 Often, once a month or more
- 4 Not applicable, I knew of no available organization

b3a_4_5 (A service organization (like the Rotary, Red Cross, or a food bank) in the last year)

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

- 0 Never
- 1 Rarely, once or twice over the year
- 2 Sometimes, once every other month
- 3 Often, once a month or more
- 4 Not applicable, I knew of no available organization

b3a_5_5 (A religious organization like a church or synagogue in the last year)

A religious organization like a church or synagogue

- 0 Never
- 1 Rarely, once or twice over the year
- 2 Sometimes, once every other month
- 3 Often, once a month or more
- 4 Not applicable, I knew of no available organization

b3a_6_5 (A local performing arts or cultural organization (like a choir or amateur theater) in the last year)

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

- 0 Never
- 1 Rarely, once or twice over the year
- 2 Sometimes, once every other month
- 3 Often, once a month or more
- 4 Not applicable, I knew of no available organization

b3a_7_5 (An LGBTQ organization in the last year)

An LGBTQ organization

- 0 Never
- 1 Rarely, once or twice over the year
- 2 Sometimes, once every other month
- 3 Often, once a month or more
- 4 Not applicable, I knew of no available organization

b3a_8_5 (A political organization in the last year)

A political organization

- 0 Never
- 1 Rarely, once or twice over the year
- 2 Sometimes, once every other month
- 3 Often, once a month or more
- 4 Not applicable, I knew of no available organization

b3a_9_5 (A student or school organization in the last year)

A student or school organization

0 Never

1 Rarely, once or twice over the year

2 Sometimes, once every other month

3 Often, once a month or more

4 Not applicable, I knew of no available organization

b3a_10_5 (Another kind of organization in the last year)

Another kind of organization:

0 Never

1 Rarely, once or twice over the year

2 Sometimes, once every other month

3 Often, once a month or more

4 Not applicable, I knew of no available organization

End of subgroup of questions

b3a_10_5_other (specify another kind of organization in the last year)

STRING

End of group of questions

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, go to the movies, play cards, or meet at a bar?

1 (YES) Yes

2 (NO) No

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_checktext[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_checktext[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_checktext[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_checktext[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

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_checktext[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**

b7d (are people who help day to day)

Are there people who help you with day-to-day activities because of age or disability?

1 (YES) Yes

2 (NO) No

if b7d = YES then

if b7_max = empty then

End of if

Group of questions presented on the same screen

b7e_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 are those people? These can be people you have named before or new people.

Loop from 1 to 6

b7e (name)

STRING

End of loop

End of group of questions

if b7e_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 6

if b7e[cnt2] = response AND b7e_checktext[cnt2] = response then

b7e_ask (ask duplicate name person in household)

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

b7e_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 b7e[cnt3] = response then

b7f (how person helps R)

What types of care does **[name[]]** provide for you? Check all that apply.

- 1 Monitor safety (to prevent accidents or wandering)
- 2 Personal care (such as bathing, dressing, toileting)
- 3 Medical assistance (such as giving medications, going to appointments, checking blood sugar)
- 4 Household help (such as meals, shopping, laundry, transportation, finances, home maintenance)
- 5 Mobility assistance (such as transferring from sitting to standing or laying down, walking, moving around)
- 6 Something else

if 6 in b7f[cnt3] then

b7f_other (other how person helps R)

Can you tell me a little more about what **[name[]]** does for you?

STRING

End of if

b7g (how person helps R)

How often does [name[]] provide care for you?

- 1 Daily
- 2 Several times a week
- 3 About once a week
- 4 1 or 2 times per month or less

End of if

End of loop

Else

End of if

b12a (corona helped anyone)

During the current coronavirus pandemic, 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_checktext[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

b12d (are people who you help day to day)

Are you currently assisting an adult who needs help with day-to-day activities because of age or disability?

1 (YES) Yes

2 (NO) No

if b12d = YES then

if b7_max = empty then

End of if

Group of questions presented on the same screen

b12e_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 are the people who need help with day-to-day activities that you spend time caring for?

Loop from 1 to 6

b12e (name)

STRING

End of loop

End of group of questions

if b12e_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 6

if b12e[cnt2] = response AND b12e_checktext[cnt2] = response then

b12e_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]:

b12e_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 b12e[cnt3] = response then

b12f (how R helps person)

What types of care do you provide for **[name[]]**? Check all that apply.

1 Monitor safety (to prevent accidents or wandering)

2 Personal care (such as bathing, dressing, toileting)

3 Medical assistance (such as giving medications, going to appointments, checking blood sugar)

- 4 Household help (such as meals, shopping, laundry, transportation, finances, home maintenance)
- 5 Mobility assistance (such as transferring from sitting to standing or laying down, walking, moving around)
- 6 Something else

if 6 in b12f[cnt3] then

b12f_other (other how R helps person)

Can you tell me a little more about what you do for [name[]]?

STRING

End of if

b12g (how R helps person)

How often do you care for [name[]]?

- 1 Daily
- 2 Several times a week
- 3 About once a week
- 4 1 or 2 times per month or less

End of if

End of loop

Else

End of if

b13d (are people who you help has memory problems)

Do you currently help to take care of an adult who has memory problems such as dementia, Alzheimer's, or another cognitive impairment?

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

if b13d = YES then

if b7_max = empty then

End of if

Group of questions presented on the same screen

b13e_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 are the people with memory problems that you help take care of?

Loop from 1 to 6

b13e (name)
 STRING

End of loop

End of group of questions

if b13e_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 6

if b13e[cnt2] = response AND b13e_checktext[cnt2] = response then

b13e_ask (ask duplicate name person in household)
 [[]]
 1 (YES) Yes
 2 (NO) No. [[]]:

b13e_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 b13e[cnt3] = response then

b13f (how R helps person)
 What types of care do you provide for [name[]]? Check all that apply.

- 1 Monitor safety (to prevent accidents or wandering)
- 2 Personal care (such as bathing, dressing, toileting)
- 3 Medical assistance (such as giving medications, going to appointments, checking blood sugar)
- 4 Household help (such as meals, shopping, laundry, transportation, finances, home maintenance)
- 5 Mobility assistance (such as transferring from sitting to standing or laying down, walking, moving around)
- 6 Something else

if 6 in b13f[cnt3] then

b13f_other (other how R helps person memory problems)
 Can you tell me a little more about what you do for [name[]]?
 STRING

End of if

b13g (how R helps person)

How often do you care for [name[]]?

- 1 Daily
- 2 Several times a week
- 3 About once a week
- 4 1 or 2 times per month or less

End of if**End of loop****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_checktext[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

acp_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 --...)

The next questions are about advance care planning. Advance care planning helps your loved ones gain a better sense of your values, preferences, and wishes related to healthcare. It provides information to others about your healthcare wishes in case of illness or injury that prevents you from telling them yourself.

acp001 (have legally formalized advance care planning documents for yourself)

Have you legally formalized advance care planning documents for yourself through establishments like healthcare power of attorney, advance directives, living wills, etc.?

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

if acp001 = 2 then

acp002 (planning to establish a healthcare power of attorney, advance directive, or living will)

Are you planning to establish a healthcare power of attorney, advance directive, or living will?

- 1 Yes
- 2 No

3 Not sure

4 I don't know what a healthcare power of attorney, advance directive, or living will is

if acp002 in [1,2,3] then

acp003 (planning to establish a healthcare power of attorney, advance directive, or living will)

Is there something that is preventing or discouraging you from legally formalizing advance care planning documents for yourself through establishments like healthcare power of attorney, advance directives, living wills, etc.? Check all that apply.

1 It's not a priority

2 I do not know how to get these services

3 I do not have the money

4 I do not have someone to help me with legalizing advance care planning documents

5 I fear no one will honor my advance care planning wishes

6 I do not have people in my life to carry out my advance care planning wishes

7 Something else

8 I don't understand why these are important

if 7 in acp003 then

acp003_other (why not establish a healthcare power of attorney, advance directive, or living will)

Can you tell me a little bit more about why you haven't established a healthcare power of attorney, advance directive, or living will?

STRING

End of if

End of if

End of if

acp004 (someone in life who can act as healthcare agent)

Healthcare agents are those who make healthcare decisions for you if you cannot communicate them on your own.

Do you have someone in your life who can act as your healthcare agent?

1 (YES) Yes

2 (NO) No

if acp004 = 1 then

acp004_1 (who health care agent)

Who is that person? This can be someone you've named before or someone new.

STRING

if acp004_1 = response then

if acp004_1_duplicates = YES then

Group of questions presented on the same screen

acp004_1_ask (ask duplicate name person in household)

[[]]

1 (YES) Yes

2 (NO) No. [[]]:

acp004_1_ask_other (other name for duplicate name person acp004_1)

STRING

End of group of questions

elseif acp004_1_duplicates = 5 then

End of if

Else

End of if

Else

End of if

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

7 Chosen family (that is, someone who may not be related to you that you think of as family)

6 Other relatives, including ex's and former partners (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
- 15 Healthcare provider or therapist
- 22 Know another way (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 answer a few questions about the people you have named. *(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 [cisgender man/cisgender woman/transgender, nonbinary, or gender diverse/nonbinary or gender diverse]?

- 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 c1b then

Else

End of if

End of loop

c2i (lesbian or gay)

Which of the people on this list 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 []
- 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 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[]]

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50 [names for c1c[]  
51 [names for c1c[]  
52 [names for c1c[]  
53 [names for c1c[]  
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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 since the last survey in [[]]?

1 [[]]

2 [[]]

3 [[]]

4 [[]]

- 5
- 6
- 7
- 8
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- 13
- 14
- 15
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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[]  
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57 [names for c2c[]  
58 [names for c2c[]  
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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 []
- 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
```

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 []  
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 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

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19

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21

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34

35


```
36 []  
37 []  
38 []  
39 []  
40 []  
41 []  
42 []  
43 []  
44 []  
45 []  
46 []  
47 []  
48 []  
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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 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
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- 21
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- 26
- 27
- 28
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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

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- 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
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- 41
- 42
- 43
- 44
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- 47
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- 52
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- 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

c2h1 (discuss politics with)

Which of the people on this list do you discuss politics with?

- 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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- 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 c2h1 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
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- 62
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- 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

c2i_attend (attend march)

Which of the people on this list do you think attended a protest, march, or political demonstration in the last year?

- 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 c2i_attend then

Else

End of if

End of loop

c2k (people in touch with corona)

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
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- 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)

In the last year, which of the people on this list were more a part of your life than usual because of the coronavirus pandemic?

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
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- 23
- 24

- 25
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- 41
- 42
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- 44
- 45
- 46
- 47
- 48
- 49
- 50
- 51
- 52
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- 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****if sizeof(c2m_subnames) > 0 then****c2m (people less part corona)**

In the last year, which of the people on this list were less a part of your life than usual because of the coronavirus pandemic?

- 1 [names for c2m[]]
- 2 [names for c2m[]]
- 3 [names for c2m[]]
- 4 [names for c2m[]]
- 5 [names for c2m[]]
- 6 [names for c2m[]]
- 7 [names for c2m[]]
- 8 [names for c2m[]]
- 9 [names for c2m[]]
- 10 [names for c2m[]]
- 11 [names for c2m[]]
- 12 [names for c2m[]]
- 13 [names for c2m[]]
- 14 [names for c2m[]]
- 15 [names for c2m[]]
- 16 [names for c2m[]]
- 17 [names for c2m[]]
- 18 [names for c2m[]]
- 19 [names for c2m[]]
- 20 [names for c2m[]]
- 21 [names for c2m[]]
- 22 [names for c2m[]]

- 23 [names for c2m[]]
- 24 [names for c2m[]]
- 25 [names for c2m[]]
- 26 [names for c2m[]]
- 27 [names for c2m[]]
- 28 [names for c2m[]]
- 29 [names for c2m[]]
- 30 [names for c2m[]]
- 31 [names for c2m[]]
- 32 [names for c2m[]]
- 33 [names for c2m[]]
- 34 [names for c2m[]]
- 35 [names for c2m[]]
- 36 [names for c2m[]]
- 37 [names for c2m[]]
- 38 [names for c2m[]]
- 39 [names for c2m[]]
- 40 [names for c2m[]]
- 41 [names for c2m[]]
- 42 [names for c2m[]]
- 43 [names for c2m[]]
- 44 [names for c2m[]]
- 45 [names for c2m[]]
- 46 [names for c2m[]]
- 47 [names for c2m[]]
- 48 [names for c2m[]]
- 49 [names for c2m[]]
- 50 [names for c2m[]]
- 51 [names for c2m[]]
- 52 [names for c2m[]]
- 53 [names for c2m[]]
- 54 [names for c2m[]]
- 55 [names for c2m[]]
- 56 [names for c2m[]]
- 57 [names for c2m[]]
- 58 [names for c2m[]]
- 59 [names for c2m[]]
- 60 [names for c2m[]]
- 61 [names for c2m[]]
- 62 [names for c2m[]]
- 63 [names for c2m[]]
- 64 [names for c2m[]]
- 65 [names for c2m[]]
- 66 [names for c2m[]]
- 67 [names for c2m[]]

68 [names for c2m[]]
69 [names for c2m[]]
101 All of them
100 None of them

End of if

Loop from 1 to NUMBEROFNAMES

if cnt1 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].]

Else

d1_2 (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...)

[

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 numberofselectednames > 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 numberofselectednames > 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 numberofselectednames > 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 numberofselectednames > 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 numberofselectednames > 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 numberofselectednames > 2 then

Group of questions presented on the same screen

if numberofselectednames > 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 numberofselectednames > 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 numberofselectednames > 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 numberofselectednames > 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 numberofselectednames > 4 then

Group of questions presented on the same screen

if numberofselectednames > 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 numberofselectednames > 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

if lastwave = 2 then

d3_intro
This year and each of the previous two times (in [[]] and [[]]), we asked you many questions about the people you know. It is possible that along the way an error or two happened. The next screen lists the people we recorded. Please take a look to see if there are any errors.

d3 (any errors in names)

People you named this year	People you named the previous time (in [[]])	People you named the first time (in [[]])
[[]]	[[]]	[[]]

Are there any errors on this list--errors like wrong names, or people listed twice in the same year, or descriptions that do not fit?

1 (YES) Yes

2 (NO) No

if d3 = 1 then

d3_explain (what errors in names)
Please explain the mistakes here.
STRING

End of if

Else

d3_intro_wave1only

This year and the previous time (in [[]]), we asked you many questions about the people you know. It is possible that along the way an error or two happened. The next screen lists the people we recorded. Please take a look to see if there are any errors.

d3_wave1only (any errors in names)

People you named this year	People you named the previous time (in [[]])
[[]]	[[]]

Are there any errors on this list--errors like wrong names, or people listed twice in the same year, or descriptions that do not fit?

1 (YES) Yes

2 (NO) No

if d3_wave1only = 1 then

d3_explain (what errors in names)
Please explain the mistakes here.

STRING

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

if preload_e1a = response and e1a != preload_e1a then

e1c (relatives support changed)

Last year you said that you [preload_e1a] relatives to rely on. Has anything changed that led to your changing your answer?

STRING

End of if

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

e8 (get large sum together)

If you needed to get a large sum of money together, is there anyone you could probably ask to lend you some or all of the money?

- 1 (YES) Yes**
- 2 (NO) No**
- 3 Other (specify):**

e8_other (other get large sum together)
STRING

End of group of questions

e9 (most people know each other)

In general, would you say that most of the people you know, know each other?

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

Group of questions presented on the same screen

e7 (anything missed)

We've covered a lot about your social relationships, but is there is anything about your social life that we've missed?

- 1 Yes:**
- 2 No**

e7_other

STRING

End of group of questions

if lastwave = 2 then

if sizeof(removeEmpties(previousnames)) > 0 then

Loop from 1 to MAX(ARRAY_KEYS(PREVIOUSNAMES))

if matchedquestiontexts[cnt] = response then

if automaticmatch[cnt] = 2 then

if introdone = 2 then

matching_intro

Now, we want to see which people you named today were also people you named in the last survey in [{}].

End of if

Group of questions presented on the same screen

confirmedmatches (confirmed match)

[{}]

1 Yes, the same person

2 No. Please give the new [matched names{}] an initial or two to distinguish them from the [wave 1 names{}] you mentioned last time such as Bill R. or Jane T.

rejectmatch_newname (reject match new name)

STRING

End of group of questions

if confirmedmatches[cnt] = 1 then

Else

if rejectmatch_newname[cnt] = response then

End of if

End of if

Else

End of if

End of if

End of loop

End of if

Else

if sizeof(removeEmpties(previousnames)) > 0 then

Loop from 1 to MAX(ARRAY_KEYS(PREVIOUSNAMES))

if matchedquestiontexts[cnt] = response then

if automaticmatch[cnt] = 2 then

if introdone = 2 then

matching_intro

**Now, we want to see which people you named today
were also people you named in the last survey in [()].**

End of if

Group of questions presented on the same screen

confirmedmatches (confirmed match)

[[]]

1 Yes, the same person

2 No. Please give the new [matched names[]] an initial or two to distinguish them from the [wave 1 names[]] you mentioned last time such as Bill R. or Jane T.

rejectmatch_newname (reject match new name)

STRING

End of group of questions

if confirmedmatches[cnt] = 1 then

Else

if rejectmatch_newname[cnt] = response then

End of if

End of if

Else

End of if

End of if

End of loop

End of if

End of if

if lastwave = 2 then

if sizeof(removeEmpties(wave2names)) > 0 then

if sizeof(removeEmpties(missingnames)) > 0 then

namemissing_intro

Now we want to ask about people you named in the last survey (in [{}]) but did not name in this one.

Loop from 1 to MAX(ARRAY_KEYS(MISSINGNAMES))

if missingnames[cnt] = response then

if getWave2Number(missingnames[cnt]) = 0 then

Group of questions presented on the same screen

missingmatches (missing match)

[{}]

1 I did mention [missing names[]], but gave this name:

2 I just forgot to mention [missing names[]]

3 [missing names[]] passed away

4 There has not been any occasion for us to be in touch

5 Our relationship changed:

missingmatches_found (missing match found)

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 []

missing_relationship_changed

- 1 One or both of us moved
- 2 One or both of us went through a major life change, like graduation, parenthood, or retirement
- 3 One or both of us had health issues
- 4 We just drifted apart
- 5 We had disagreements
- 6 Other

if numberofunmatched = 0 then

dummyscript

End of if

End of group of questions

**if missingmatches[cnt] = 1 AND
missingmatches_found[cnt] = empty then**

missingnoneselected

**You indicated you mentioned [missing names[]]
under a different name, but you did not select a
name from the list. Please go back to complete your
answer.**

**elseif missingmatches[cnt] = 5 AND
missing_relationship_changed[cnt] = empty then**

missingnochangesselected

**You indicated your relationship with [missing
names[]] has changed, but you did not select what
kind of change this was from the list. Please go back
to complete your answer.**

End of if

**if missingmatches[cnt] = 1 AND
missingmatches_found[cnt] = response then**

**elseif missingmatches[cnt] = 5 AND
missing_relationship_changed[cnt] = 6 then**

missing_relationship_changed_other

**Could you please elaborate on how your
relationship with [missing names[]] changed?**

STRING

End of if

End of if

End of if

End of loop

End of if

End of if

Else

if sizeof(removeEmpties(wave1names)) > 0 then

if sizeof(removeEmpties(missingnames)) > 0 then

namemissing_intro

Now we want to ask about people you named in the last survey (in [[]]) but did not name in this one.

Loop from 1 to MAX(ARRAY_KEYS(MISSINGNAMES))

if missingnames[cnt] = response then

if getWave1Number(missingnames[cnt]) = 0 then

Group of questions presented on the same screen

missingmatches (missing match)

[[]]

1 I did mention [missing names[]], but gave this name:

2 I just forgot to mention [missing names[]]

3 [missing names[]] passed away

4 There has not been any occasion for us to be in touch

5 Our relationship changed:

missingmatches_found (missing match found)

- 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 []

missing_relationship_changed

- 1 One or both of us moved
- 2 One or both of us went through a major life change, like graduation, parenthood, or retirement
- 3 One or both of us had health issues
- 4 We just drifted apart
- 5 We had disagreements
- 6 Other

if numberofunmatched = 0 then

dummyscript

End of if

End of group of questions

**if missingmatches[cnt] = 1 AND
missingmatches_found[cnt] = empty then**

missingnoneselected

**You indicated you mentioned [missing names[]]
under a different name, but you did not select a
name from the list. Please go back to complete your
answer.**

**elseif missingmatches[cnt] = 5 AND
missing_relationship_changed[cnt] = empty then**

missingnochangesselected

**You indicated your relationship with [missing
names[]] has changed, but you did not select what
kind of change this was from the list. Please go back
to complete your answer.**

End of if

**if missingmatches[cnt] = 1 AND
missingmatches_found[cnt] = response then**

**elseif missingmatches[cnt] = 5 AND
missing_relationship_changed[cnt] = 6 then**

missing_relationship_changed_other

**Could you please elaborate on how your
relationship with [missing names[]] changed?**

STRING

End of if

End of if

End of if

End of loop

End of if

End of if

End of if

if lastwave = 2 then

Loop from 1 to MAX(ARRAY_KEYS(NAMES))

if names[cnt] = response then

if isWave1Name(names[cnt]) = 1 then

if wave1again = empty then

nameagain_intro

We noticed at least one person who you listed in the first in survey in [], did not list in the second survey, [], but who you listed again today.

End of if

Group of questions presented on the same screen

nameagain_why (reason person listed again)

What is the major reason that you listed [] this time again?

1 I forgot to mention [] last time.

2 We just got back into contact casually

3 One of us reached out to the other
4 Some other reason:

nameagain_why_other (other reason person listed again)
STRING

End of group of questions

End of if

End of if

End of loop

Loop from 1 to MAX(ARRAY_KEYS(NAMES))

if names[cnt] = response then

if not(cnt in c2a) and isWave1Name(names[cnt]) = 3 then

if wave3introshown = empty then

wave3new
We noticed at least one person who you said that you've known for a bit but who you listed for the first time in today's survey.

End of if

Group of questions presented on the same screen

namenew (main reason new name)
Why do you think you listed [[]] for the first time today?
1 I did mention [[]] before, but gave a different name:
2 I did know [[]] before, but forgot to list [[]] then
3 I did know [[]] before, but now [[]] plays a larger role in my life

4 I really just got to know

5 Some other reason:

namenew_found (never mentioned before)

1

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41 []
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61 []
62 []
63 []
64 []
65 []
66 []
67 []
68 []
69 []
70 []

namenew_other (other main reason new name)
STRING

if numberofnamesnew = 0 then

dummyscript

End of if

End of group of questions

if namenew[cnt] = 1 AND namenew_found[cnt] = empty then

namenewnoneselected

You indicated you mentioned [[]] under a different name, but you did not select a name from the list. Please go back to complete your answer.

End of if

if namenew[cnt] = 1 AND namenew_found[cnt] = response then

End of if

End of if

End of if

End of loop

End of if

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)

Since the last survey in [[]], 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

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

End of if

End of if

if 3 in a21 then

f1d (any major problems at school)

Since the last survey in [()], 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

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

End of if

End of if

End of if

f2a (any trouble paying bills)

Since the last survey in [()], have you had trouble paying your bills?

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

if f2a = YES then

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

End of if

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

Since the last survey in [()], 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)**

Since the last survey in [()], 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)**

Since the last survey in [()], 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)

Since the last survey in [[]], 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 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)

Since the last survey in [[]], 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)

Since the last survey in [()], 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)

Since the last survey in [], 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

f13a (any other events)

Are there any other important events, both good and bad, that have happened to you since the last survey in [[]] 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

if g0c = 1 then**g0c_1 (regular check up or sick visit)**

Was that for a regular check up or a sick visit?

- 1 Regular check up
- 2 Sick visit
- 3 Something else

if 3 in g0c_1 then**g0c_1_other (other regular check up or sick visit)**

Can you tell me more about why you saw a doctor in the past year?

STRING

End of if**End of if****g0c_2 (doctor or health care provider knows are LGBTQ)**

Thinking about your regular doctor or health care provider, does your doctor or health care provider know that you are LGBTQ?

- 1 Yes, we have talked about it
- 2 Yes, I think so, but we have not discussed it directly
- 3 No, I don't think so
- 9 Don't know

g0d (have LGBTQ-affirming health care provider)

Do you have an LGBTQ-affirming health care provider? "LGBTQ-affirming" refers to a health care provider (such as a doctor, physician assistant, nurse practitioner) who treats you with respect and dignity regarding your LGBTQ identity

and can address LGBTQ-specific health needs.

- 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 LGBTQ-affirming health care provider
- 4 No, I cannot find an LGBTQ-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 LGBTQ-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

g0e_1 (how important provider able to address LGBTQ-specific health issues)

How important is it to you that your provider be able to address LGBTQ-specific health issues?

- 1 Not at all important
- 2 Somewhat important
- 3 Very important

g0e_2 (how important provider know LGBTQ identity)

How important is it to you that your provider know your LGBTQ identity?

- 1 Not at all important
- 2 Somewhat important
- 3 Very important

Group of questions presented on the same screen

g0q_intro

Thinking about the time since the last survey, about how often did you experience each of the following:

Subgroup of questions

g0q (doctor or other healthcare provider had materials LGBTQ+ friendly)

My doctor or other healthcare provider had materials in their office that let me know they were LGBTQ+ friendly.

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Not applicable, I did not have any healthcare appointments since the last survey
- 9 Prefer not to answer

g0rr (doctor or other healthcare provider used inclusive language in-person or on forms)

My doctor or other healthcare provider used inclusive language in-person or on forms that let me know they were LGBTQ+ friendly.

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Not applicable, I did not have any healthcare appointments since the last survey
- 9 Prefer not to answer

g0s (had to teach my doctor or other healthcare provider about LGBTQ+ people)

I had to teach my doctor or other healthcare provider about LGBTQ+ people so that I could get appropriate care.

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Not applicable, I did not have any healthcare appointments since the last survey
- 9 Prefer not to answer

g0t (doctor or other healthcare provider advised to seek care elsewhere not have knowledge or certifications)

A doctor or other healthcare provider advised me to seek care elsewhere because they did not have knowledge or certifications to provide me with proper care.

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Not applicable, I did not have any healthcare appointments since the last survey
- 9 Prefer not to answer

g0u (left healthcare appointment feeling like all questions or concerns had been addressed)

I left my healthcare appointment feeling like all my questions or concerns had been addressed.

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Not applicable, I did not have any healthcare appointments since the last survey
- 9 Prefer not to answer

g0v (doctor or other healthcare provider asked unnecessary/invasive questions about LGBTQ+ status)

My doctor or other healthcare provider asked me unnecessary/invasive questions about my LGBTQ+ status that were not related to the reason for my visit.

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Not applicable, I did not have any healthcare appointments since the last survey
- 9 Prefer not to answer

g0w (felt comfortable asking doctor or other healthcare provider about all aspects of health or care)

I felt comfortable asking my doctor or other healthcare provider about all aspects of my health or care.

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never

- 6 Not applicable, I did not have any healthcare appointments since the last survey
- 9 Prefer not to answer

End of subgroup of questions

End of group of questions

g0y (doctor or other healthcare provider used inclusive and gender-neutral or gender-affirming language when discussing health)

My doctor or other healthcare provider used inclusive and gender-neutral or gender-affirming language when discussing my health. That is, they ask and use your pronouns, they may say spouse instead of husband or wife, or otherwise reflect the language that you use to describe yourself and others involved with your care.

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never
- 6 Not applicable, I did not have any healthcare appointments since the last survey
- 9 Prefer not to answer

g0x (discussed or recommended tests/treatments within last 3 years)

Has your provider discussed or recommended the following tests/treatments within 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
- 6 Human papillomavirus (HPV) vaccine (that is, Gardasil or Cervarix)
- 7 Shingles vaccine (that is, Zostavax or Shingrix)
- 8 Pneumonia vaccine
- 9 Prostate cancer screening
- 10 Screening for dementia and/or Alzheimer's disease
- 11 Pre-exposure prophylaxis (PrEP) to prevent HIV (that is, Truvada or Descovy)
- 12 None of the above

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
- 6 Human papillomavirus (HPV) vaccine (that is, Gardasil or Cervarix)
- 7 Shingles vaccine (that is, Zostavax or Shingrix)
- 8 Pneumonia vaccine
- 9 Prostate cancer screening
- 10 Screening for dementia and/or Alzheimer's disease
- 11 None of the above

g0k (ever been diagnosed with COVID-19)

Have you ever been diagnosed with COVID-19?

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

if g0k != 1 then

g0l (ever had COVID-19)

Did you ever think you had COVID-19?

- 1 Yes
- 2 No
- 7 Not sure

End of if

g0m (ever been vaccinated for COVID-19)

Have you ever been vaccinated for COVID-19? If you have only had one shot of a two-shot vaccine like Pfizer or Moderna, please select Yes.

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

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

g0j_1 (delayed getting needed medical care for any of the following reasons in the past 12 months)

Other than cost, there are many other reasons people delay getting needed medical care. Have you delayed getting needed medical care for any of the following reasons in the past 12 months? Select the most important reason.

- 1 You couldn't get through on the telephone
- 2 You couldn't get an appointment soon enough
- 3 Once you got there, you had to wait too long to see the doctor
- 4 The (clinic/doctor's) office wasn't open when you got there
- 5 You didn't have transportation
- 6 Something else
- 7 No, I did not delay getting medical care/did not need medical care

if g0j_1 = 6 then

g0j_1_other (other delayed getting needed medical care for any of the following reasons in the past 12 months)

Can you tell me more about why you delayed getting needed medical care in the last 12 months?

STRING

End of if

Group of questions presented on the same screen

g0j_2 (actions if looking for a new healthcare provider)

The next question is about things some people do when looking for a new healthcare provider. If you were looking for a new healthcare provider, would you do any of the following? Check all that apply.

- 1 I would ask a friend if they knew or had an LGBTQ affirming provider
- 2 I would search online for LGBTQ affirming providers
- 3 I would share my LGBTQ identity when making my first appointment

- 4 I would ask my insurer for a referral to an LGBTQ affirming provider
- 9 Something else (specify):
- 11 None of these

g0j_2_other (other actions if looking for a new healthcare provider)

STRING

End of group of questions

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
- 12 High cholesterol
- 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
- 11 Dementia, including Alzheimer's disease, vascular dementia, mixed dementia, or Mild Cognitive Impairment
- 13 Sleep disorder, like sleep apnea or insomnia
- 14 Hearing loss
- 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

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

End of if

if 11 in g7 then

Group of questions presented on the same screen

g7_2 (type of dementia)

What kind of dementia did the doctor say you have?

- 1 Alzheimer's disease
- 2 Vascular dementia
- 3 Lewy body dementia
- 4 Frontotemporal dementia
- 5 Mixed dementia
- 6 Mild Cognitive Impairment
- 7 Something else (specify):
- 8 Don't know

g7_2_other (other type of dementia)

STRING

End of group of questions

g7_3 (medications for dementia)

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

- 1 Yes
- 2 No

End of if

g2 (health issues)

Let's turn to any health issues that affected you. Did any of these happen to you since the last survey in [[]]? 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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- 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.

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- 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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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.

1

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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.

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- 69
- 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

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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 []
- 3 []
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- 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.

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- 5 []
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- 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.

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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.

1

2

- 3 []
- 4 []
- 5 []
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- 63
- 64
- 65
- 66
- 67
- 68
- 69
- 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.

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

- 7 []
- 8 []
- 9 []
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- 69
- 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.

- 1
- 2
- 3
- 4
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- 10

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56 []
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65 []
66 []
67 []
68 []
69 []
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

g10g_1 (how likely is it that someday need help with daily activities)

How likely is it that you may someday need help with daily activities like bathing, dressing, eating, or using the toilet due to a long-term condition? Would you say...

- 1 Very likely
- 2 Somewhat likely
- 3 Somewhat unlikely
- 4 Very unlikely
- 9 Don't know

g10g_2 (ever needed help who would provide)

If you ever needed such help, who would provide this help? Check all that apply.

- 1 My family
- 2 Someone I hire
- 3 Home health care organization

- 4 Nursing home/assisted living
- 8 Other
- 9 Don't know

End of if

g19 (have chronic pain)

Do you have chronic pain, that is do you have pain that persists beyond the time of normal healing and has lasted anywhere from a few months to many years?

- 1 Yes
- 2 No

if g19 = 1 then

g20 (how often feel chronic pain)

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

- 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

g21 (how often chronic pain interfere with your sleep)

About how often during the past 30 days did your chronic pain interfere with your sleep?

- 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

g22 (taking any medications to better manage chronic pain)

Are you now taking any medications to better manage your chronic pain?

- 1 Yes
- 2 No

g23 (how often take medication for pain)

During the past 30 days, how often did you take medication for pain? Would you say every day, most days, some days, rarely, or never?

- 1 Every day (7 days a week)
- 2 Most days (5-6 days a week)
- 3 Some days (2-4 days a week)
- 4 Rarely (Once a week or less)

End of if

g24 (how many different prescription medications taking)

How many different prescription medications are you currently taking?

- 0 None (zero)
- 1 1
- 2 2
- 3 3
- 4 4
- 5 5
- 6 6
- 7 7
- 8 8
- 9 9
- 10 10 or more
- 11 Don't know
- 12 Prefer not to answer

g25 (how many different over-the-counter or non-prescription medications taking)

How many different over-the-counter or non-prescription medications are you currently taking?

- 0 None (zero)
- 1 1
- 2 2
- 3 3
- 4 4
- 5 5
- 6 6
- 7 7
- 8 8
- 9 9
- 10 10 or more
- 11 Don't know
- 12 Prefer not to answer

g26 (think pharmacist knows about all medications and how they interact)

When you fill a prescription, do you think the pharmacist knows about all of your medications and how they interact?

- 1 Definitely yes
- 2 Probably yes
- 3 Probably not
- 4 Definitely not

g27 (how confident know how to avoid drug interactions)

How confident are you that you know how to avoid drug interactions?

- 1 Very confident
- 2 Mostly confident
- 3 Somewhat confident
- 4 Not at all confident

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.

18 Remembering things about family and friends, such as occupations, birthdays, and addresses

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

g28_intro (how confident know how to avoid drug interactions)
Compared to two years ago, how would you rate your ability to...

Subgroup of questions

g28a (Remember things about family and friends, such as occupations, birthdays, and addresses)
Remember things about family and friends, such as occupations, birthdays, and addresses
1 Much improved
2 A bit improved
3 Not much change
4 A bit worse
5 Much worse

g28b (Remember things that have happened recently)
Remember things that have happened recently
1 Much improved
2 A bit improved
3 Not much change
4 A bit worse
5 Much worse

g28c (Recall questions a few days later)
Recall questions a few days later

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28d (Remember my address and phone number)

Remember my address and phone number

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28e (Remember what day and month it is)

Remember what day and month it is

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28f (Remember where things are usually kept)

Remember where things are usually kept

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28g (Remember where to find things that have been put in a different place than usual)

Remember where to find things that have been put in a different place than usual

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28h (Know how to work familiar machines around the house)

Know how to work familiar machines around the house

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

End of subgroup of questions

End of group of questions

Group of questions presented on the same screen

g28_intro (how confident know how to avoid drug interactions)

Compared to two years ago, how would you rate your ability to...

Subgroup of questions

g28i (Learn to use a new gadget or machine around the house)

Learn to use a new gadget or machine around the house

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28j (Learn new things in general)

Learn new things in general

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28k (Follow a story in a book or on TV)

Follow a story in a book or on TV

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28l (Make decisions on everyday matters)

Make decisions on everyday matters

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28m (Handle money for shopping)

Handle money for shopping

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28n (Handle financial matters, that is, the pension or dealing with the bank)

Handle financial matters, that is, the pension or dealing with the bank

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28o (Handle other everyday arithmetic problems, such as knowing how much food to buy, knowing how long between visits from family or friends)

Handle other everyday arithmetic problems, such as knowing how much food to buy, knowing how long between visits from family or friends

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

g28p (Understand what's going on and reasoning things through)

Understand what's going on and reasoning things through

- 1 Much improved
- 2 A bit improved
- 3 Not much change
- 4 A bit worse
- 5 Much worse

End of subgroup of questions

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**g29 (how often have you taken medicine to help you sleep)**

During the past month, how often have you taken medicine to help you sleep (prescribed or "over the counter")?

- 1 Not at all
- 2 Less than once a week
- 3 Once or twice a week
- 4 Three or more times a week

if g29 > 1 then

g30 (kind of medication take)

What kind of medication is it that you take?

- 1 A prescribed or over-the-counter sleeping pill
- 2 Melatonin
- 3 Something else

if g30 = 3 then

g30_other (other kind of medication take)

Can you tell me a little bit more about the medication you take for sleep?

STRING

End of if

End of if

g31 (past week how much bothered by lack of energy because of poor sleep)

In the past week, how much were you bothered by lack of energy because of poor sleep?

- 0 Not at all bothered
- 1 Slightly bothered
- 2 Moderately bothered
- 3 Severely bothered

g32 (past week rate satisfaction with sleep)

Over the past week, how would you rate your satisfaction with your sleep?

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

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**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

h17 (thought about suicide)

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

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

h37 (ever attempted suicide)

Have you ever attempted suicide?

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

if h37 = 1 then

h38 (age first attempted suicide)

What age were you the first time you attempted suicide?

RANGE 0..120

End of if

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

Group of questions presented on the same screen

h16k_1_intro (who shared experiences with)

Who did you share experiences with?

Loop from 1 to 4

h16k_1 (who shared experiences with)

STRING

End of loop

End of group of questions

if h16k_1_duplicates = YES then

Group of questions presented on the same screen

Loop from 1 to 4

**if h16k_1[cnt2] = response AND h16k_1_checktext[cnt2]
= response then**

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

Else

End of if

End of loop

End of group of questions

End of if

Loop from 1 to 4

if h16k_1[cnt] = response and h16k_1_checktext[cnt] = response and h16k_1_ask[cnt] = 2 then

Group of questions presented on the same screen

h16k_3 (shared experiences relationship)

What is [who shared experiences with[[]]]'s 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
- 7 Chosen family (that is, someone who may not be related to you that you think of as family)
- 6 Other relatives, including ex's and former partners (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
- 15 Healthcare provider or therapist
- 22 Know another way (specify):

End of group of questions

End of if

End of loop

**Else
End of if**

**Else
End of if**

g33_intro

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

Group of questions presented on the same screen**g14_intro**

How would you rate yourself today compared to five years ago?

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

g33_intro2

The next statements are about the way people feel about their age and about the things that happen as they get older. Please tell us how much you agree or disagree with each statement for you personally.

Subgroup of questions

g33a (Things keep getting worse as I get older.)

Things keep getting worse as I get older.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g33b (I have as much pep as I did last year.)

I have as much pep as I did last year.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree

- 5 Somewhat agree
- 6 Strongly agree

g33c (The older I get, the more useless I feel.)

The older I get, the more useless I feel.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g33d (I am as happy now as I was when I was younger.)

I am as happy now as I was when I was younger.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g33e (As I get older, things are better than I thought they would be.)

As I get older, things are better than I thought they would be.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g33f (So far, I am satisfied with the way that I am aging.)

So far, I am satisfied with the way that I am aging.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g33g (The older I get, the more I have had to stop doing things that I like.)

The older I get, the more I have had to stop doing things that I like.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g33h (Getting older has brought with it many things that I do not like.)

Getting older has brought with it many things that I do not like.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

End of subgroup of questions

End of group of questions

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...

g17g (most people no longer young)

are most people no longer young?

g17h (most people become old)

do most people become old?

g17i (most people enter middle age)

do most people enter middle age?

g17j (most people exit middle age)
do most people exit middle age?

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?

g17a_1 (most men become old)
do most men become old?

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?

End of group of questions

Group of questions presented on the same screen

g17_intro
In your opinion, at what age...

g17d (most women no longer young)
are most women no longer young?

g17d_1 (most women become old)

do most women become old?

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

Group of questions presented on the same screen

g17_intro2

Now I want you to think about people who do not identify exclusively as a woman or man (for example, nonbinary or genderqueer people).

In your opinion, at what age are these individuals...

g17k (most not identify exclusively as a woman or man no longer young)

no longer young?

g17l (most not identify exclusively as a woman or man generally considered old)

generally considered old?

g17m (most not identify exclusively as a woman or man generally considered to enter middle age)

generally considered to enter middle age?

g17n (most not identify exclusively as a woman or man generally considered to exit middle age)

generally considered to exit middle age?

End of group of questions

Group of questions presented on the same screen**g34_intro**

People who have the same gender as me...

Subgroup of questions

g34a (stay young longer than other people)

stay young longer than other people.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g34b (become old sooner than other people)

become old sooner than other people.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g34c (age faster than other people)

age faster than other people.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g34d (age more gracefully than other people)

age more gracefully than other people.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

End of subgroup of questions

End of group of questions

Group of questions presented on the same screen

g35_intro

People who have the same sexual orientation as me...

Subgroup of questions

g35a (same sexual orientation stay young longer than other people)

stay young longer than other people.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g35b (same sexual orientation become old sooner than other people)

become old sooner than other people.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g35c (same sexual orientation age faster than other people)

age faster than other people.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

g35d (same sexual orientation age more gracefully than other people)

age more gracefully than other people.

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Slightly disagree
- 4 Slightly agree
- 5 Somewhat agree
- 6 Strongly agree

End of subgroup of questions

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_2 (immediate family still doing things because of orientation or identity)

In the last year, did any members of your immediate family that you grew up with (mother, father, sisters, brothers, etc.) do any of the following things because of your sexual orientation or gender identity?

- 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 them 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_2_other (other immediate family still doing things because of orientation or identity)

STRING

End of group of questions

Group of questions presented on the same screen

h25c_2 (immediate family still doing things support)

In the last year, did any members of your immediate family that you grew up with (mother, father, sisters, brothers, etc.) do any of the following things to support you?

- 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 chosen 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_2_other (other immediate family still doing things support)

STRING

End of group of questions**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

if lastwave = 1 then

Group of questions presented on the same screen**h36_intro**

About how many other LGBTQ+ people did you know, if any, when you were:

Subgroup of questions

h36_1 (number know lgbtq people under 18)

Under 18

0 None

1 One or two

2 Three or four

3 Five or more

h36_2 (number know lgbtq people 18 to 29 years old)

18 to 29 years old

0 None

1 One or two

2 Three or four

3 Five or more

h36_3 (number know lgbtq people 30 to 49 years old)

30 to 49 years old

0 None

1 One or two

2 Three or four

3 Five or more

h36_4 (number know lgbtq people 50 or older)

50 years or older

0 None

1 One or two

2 Three or four

3 Five or more

h36_5 (number know lgbtq in the last year)

In the last year

0 None

1 One or two

- 2 Three or four
- 3 Five or more

End of subgroup of questions

End of group of questions

Else

h36_5_single (number know lgbtq in the last year)

About how many other LGBTQ+ people did you know, if any, in the last year?

- 0 None
- 1 One or two
- 2 Three or four
- 3 Five or more

End of if

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

h27e (currently member of religious community)

Are you currently a member of a religious community?

- 1 Yes
- 2 No

if h27e = 1 then

h28e (religious community welcoming to LGBTQ)

Do you consider this religious community to be welcoming to LGBTQ+ people?

- 1 Yes
- 2 No

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

h24_intro

The next set of questions are about your identity and experiences with everyday stressors and discrimination.

Group of questions presented on the same screen**h24_intro2**

The following is a list of experiences that LGBTQ people sometimes have. Please read each one carefully, and then respond to the following question:

How much has this problem distressed or bothered you during the past 12 months?

Subgroup of questions**h24c (Having very few people you can talk to about being LGBT)**

Having very few people you can talk to about being LGBT

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24d (Watching what you say and do around heterosexual people)

Watching what you say and do around heterosexual people

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24e (Hearing about LGBT people you know being treated unfairly)

Hearing about LGBT people you know being treated unfairly

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT

- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24f (Hearing about LGBT people you don't know being treated unfairly)

Hearing about LGBT people you don't know being treated unfairly

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24g (Hearing about hate crimes (e.g., vandalism, physical or sexual assault) that happened to LGBT people you don't know)

Hearing about hate crimes (e.g., vandalism, physical or sexual assault) that happened to LGBT people you don't know

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24j (Hearing someone make jokes about LGBT people)

Hearing someone make jokes about LGBT people

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24k (Hearing politicians say negative things about LGBT people)

Hearing politicians say negative things about LGBT people

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY

- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

End of subgroup of questions

End of group of questions

Group of questions presented on the same screen

h24_intro2

The following is a list of experiences that LGBTQ people sometimes have. Please read each one carefully, and then respond to the following question:

How much has this problem distressed or bothered you during the past 12 months?

Subgroup of questions

h24p (Being verbally harassed by strangers because you are LGBT)

Being verbally harassed by strangers because you are LGBT

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24q (Being verbally harassed by people you know because you are LGBT)

Being verbally harassed by people you know because you are LGBT

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24r (People laughing at you or making jokes at your expense because you are LGBT)

People laughing at you or making jokes at your expense because you are LGBT

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24s (Feeling like you don't fit in with other LGBT people)

Feeling like you don't fit in with other LGBT people

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24w (People staring at you when you are out in public because you are LGBT)

People staring at you when you are out in public because you are LGBT

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24x (Feeling invisible in the LGBT community because of your gender expression)

Feeling invisible in the LGBT community because of your gender expression

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

End of subgroup of questions

End of group of questions

Group of questions presented on the same screen

h24_intro2

The following is a list of experiences that LGBTQ people sometimes have. Please read each one carefully, and then respond to the following question:

How much has this problem distressed or bothered you during the past 12 months?

Subgroup of questions

h24ee (Avoiding talking about your current or past relationships when you are at work)

Avoiding talking about your current or past relationships when you are at work

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24ff (Hiding part of your life from other people)

Hiding part of your life from other people

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24gg (Feeling like you don't fit into the LGBT community because of your gender expression)

Feeling like you don't fit into the LGBT community because of your gender expression

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24hh (Difficulty finding clothes that you are comfortable wearing because of your gender expression)

Difficulty finding clothes that you are comfortable wearing because of your gender expression

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24ii (Being misunderstood by people because of your gender expression)

Being misunderstood by people because of your gender expression

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24qq (Being raped or sexually assaulted because you are LGBT)

Being raped or sexually assaulted because you are LGBT

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24rr (Having objects thrown at you because you are LGBT)

Having objects thrown at you because you are LGBT

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY
- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

h24zz (Having your property (like a car, houses, locker) damaged because you are LGBT)

Having your property (like a car, houses, locker) damaged because you are LGBT

- 0 Did not happen/not applicable to me
- 1 It happened, and it bothered me NOT AT ALL
- 2 It happened, and it bothered me A LITTLE BIT
- 3 It happened, and it bothered me MODERATELY

- 4 It happened, and it bothered me QUITE A BIT
- 5 It happened, and it bothered me EXTREMELY

End of subgroup of questions

End of group of questions

h39 (anyone tried to change sexual orientation or gender identity to conform to heterosexual and cisgender norms)

You may have heard of 'conversion therapy'. We define 'conversion therapy' as attempts to make someone straight/heterosexual, or to make them identify or act like a girl/woman or boy/man, when the person felt differently. This is sometimes called conversion therapy, something else, or not called anything at all. Conversion therapy can include many different practices.

Thinking back over the course of your life, have you ever been subjected to conversion therapy in which a clinician (like a doctor or therapist), a spiritual leader (like a pastor or rabbi), or someone else tried to change your sexual orientation or gender identity to conform to heterosexual and cisgender norms?

- 1 Yes
- 2 No
- 3 I prefer not to say

if h39 = 1 then

h40 (who primarily led effort change sexual orientation or gender identity)

Who primarily led this effort to change your sexual orientation or gender identity?

- 1 A spiritual leader (like a pastor or rabbi)
- 2 A clinician (like a doctor or therapist)
- 3 Someone else

if h40 = 3 then

h40_other (other who primarily led effort change sexual orientation or gender identity)

Can you tell me more about the person who led this effort to change your sexual orientation or gender identity?

STRING

End of if

h41 (age first undergo conversion therapy)

Around what age did you first undergo conversion therapy?

RANGE 0..120

Group of questions presented on the same screen**h42_years (years how long go to conversion therapy)**

About how long did you go to conversion therapy?

h42_months (months how long go to conversion therapy)**End of group of questions**

if h42_years = response then

End of if

if h42_months = response then

End of if

h43 (who made decision to go to conversion therapy)

Thinking back to when you went to conversion therapy, which of the following statements best describes who made the decision for you to go to conversion therapy.

- 1 I chose to go on my own
- 2 Someone else forced me, pressured me, or otherwise coerced me into going
- 3 Prefer not to answer

End of if

if h18_dummy != 2 then

pr_intro

We have discussed a lot of challenging topics today. We are also excited to know about people's positive experiences in relation to their sexual orientation or gender identity!

if h18_dummy != 2 then

pr001 (most like about or what are most proud about being)

Please tell us what you most like about or what you are most proud about being [sexual orientation[]].

STRING

End of if

if sextatbirth != gender_id OR transgender = 1 then

pr002 (most like about or what are most proud about being)

What do you like most about or are you most proud about being transgender, nonbinary, or gender diverse?

STRING

End of if

End of if

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 see what might have changed since the last survey in [[]].

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..2022

End of group of questions

k30 (ever served on active duty)

Have you ever served on active duty in the United States Armed Forces, Reserves, or National Guard? Active duty does not include training for the Reserves or National Guard, but DOES include activation, for example, for disasters or defense missions.

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

k31_intro

The next questions are about safety and firearms. Some people keep guns for recreational purposes such as hunting or sport shooting. People also keep guns in the home for protection. Please include firearms such as pistols, revolvers, shotguns, and rifles; but not BB guns or guns that cannot fire. Include those kept in a garage, outdoor storage area, or motor vehicle.

k31 (any firearms in or around home)

Are any firearms now kept in or around your home?

- 1 Yes
- 5 No
- 7 Don't know
- 9 Prefer not to answer

if k31 = 1 then

k32 (any firearms now loaded)

Are any of these firearms now loaded?

1 Yes

5 No

7 Don't know

9 Prefer not to answer

k33 (any loaded firearms now unlocked)

Are any of these firearms now unlocked?

1 Yes

5 No

7 Don't know

9 Prefer not to answer

elseif k31 = 7 then

k31a (any firearms in or around home)

Do you suspect that there may be a firearm in your home that you don't know about?

1 Yes

5 No

7 Don't know

9 Prefer not to answer

End of if

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

k9c (years lived in california)

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

if preload_k9e = response and preload_k9e in [2,3] then

k9f (currently U.S. citizen)

Last time, you told us that you were not a U.S. citizen. Are you a U.S citizen now?

1 Yes

2 No

End of if

if lastwave = 1 then

Group of questions presented on the same screen

k34_intro

How would you describe the areas where you lived when you were:

Subgroup of questions

k34a (area lived under 18)

Under 18

1 City (downtown)

2 City (neighborhood)

3 Suburban area

4 Small town

5 Rural

k34b (area lived 18 to 29 years old)

18 to 29 years old

1 City (downtown)

2 City (neighborhood)

3 Suburban area

4 Small town

5 Rural

k34c (area lived 30 to 49 years old)

- 30 to 49 years old
- 1 City (downtown)
- 2 City (neighborhood)
- 3 Suburban area
- 4 Small town
- 5 Rural

k34d (area lived 50 or older)

- 50 years or older
- 1 City (downtown)
- 2 City (neighborhood)
- 3 Suburban area
- 4 Small town
- 5 Rural

k34e (area lived in the last year)

- In the last year
- 1 City (downtown)
- 2 City (neighborhood)
- 3 Suburban area
- 4 Small town
- 5 Rural

End of subgroup of questions

End of group of questions

Else

k34e_single (area lived in the last year)

How would you describe the area where you lived in the last year?

- 1 City (downtown)
- 2 City (neighborhood)
- 3 Suburban area
- 4 Small town
- 5 Rural

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**if k10b = 3 then****k10b_independent (leaning democrat or republican)**

Do you think of yourself as closer to the Republican Party or to the Democratic Party?

- 1 Closer to the Democratic Party
- 2 Neither
- 3 Closer to the Republican Party
- 7 Don't know
- 9 Prefer not to answer

End of if**k10_intro**

In this next set of questions, we'd like to learn some more about aspects of your political identify and engagement.

if lastwave = 1 then

Group of questions presented on the same screen**k10c_intro**

How often did you pay attention to what's going on in government and politics when you were:

Subgroup of questions

k10c_1 (pay attention politics under 18)

Under 18

0 Never

1 Rarely

2 Sometimes

3 Often

k10c_2 (pay attention politics 18 to 29 years old)

18 to 29 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10c_3 (pay attention politics 30 to 49 years old)

30 to 49 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10c_4 (pay attention politics 50 or older)

50 years or older

0 Never

1 Rarely

2 Sometimes

3 Often

k10c_5 (pay attention politics in the last year)

In the last year

0 Never

1 Rarely

2 Sometimes

3 Often

End of subgroup of questions

End of group of questions

Else

k10c_5_single (pay attention politics in the last year)

How often did you pay attention to what's going on in government and politics in the last year?

0 Never

1 Rarely

2 Sometimes

3 Often

End of if

if lastwave = 1 then

Group of questions presented on the same screen

k10d_intro

In talking to people about elections, a lot of people are not able to vote for various reasons (e.g., they weren't registered, sick, lacked time, requested but did not receive absentee ballot). Which of the following best describes you for the **last** four US Presidential elections?

Subgroup of questions

k10d_1 (2020: Joe Biden v. Donald Trump)

2020: Joe Biden v. Donald Trump

- 1 I was ineligible to vote
- 2 I didn't vote
- 3 I voted

k10d_2 (2016: Donald Trump v. Hillary Clinton)

2016: Donald Trump v. Hillary Clinton

- 1 I was ineligible to vote
- 2 I didn't vote
- 3 I voted

k10d_3 (2012: Barack Obama v. Mitt Romney)

2012: Barack Obama v. Mitt Romney

- 1 I was ineligible to vote
- 2 I didn't vote
- 3 I voted

k10d_4 (2008: Barack Obama v. John McCain)

2008: Barack Obama v. John McCain

- 1 I was ineligible to vote
- 2 I didn't vote
- 3 I voted

End of subgroup of questions

End of group of questions**Group of questions presented on the same screen****k10e_intro**

In talking to people about elections, a lot of people are not able to vote for various reasons (e.g., they weren't registered, sick, lacked time, requested but did not receive absentee ballot). Which of the following best describes you for the **first** four US Presidential elections that you may have been eligible to vote in?

Subgroup of questions

if age_preload > 74 then

k10e_1 (1964: Lyndon B. Johnson v. Barry Goldwater)

1964: Lyndon B. Johnson v. Barry Goldwater

- 1 I was ineligible to vote
- 2 I didn't vote
- 3 I voted

k10e_2 (1968: Richard Nixon v. Hubert Humphrey)

1968: Richard Nixon v. Hubert Humphrey

- 1 I was ineligible to vote
- 2 I didn't vote
- 3 I voted

k10e_3 (1972: Richard Nixon v. George McGovern)

1972: Richard Nixon v. George McGovern

- 1 I was ineligible to vote
- 2 I didn't vote
- 3 I voted

k10e_4 (1976: Jimmy Carter v. Gerald Ford)

1976: Jimmy Carter v. Gerald Ford

- 1 I was ineligible to vote
- 2 I didn't vote
- 3 I voted

elseif age_preload > 70 then

k10e_2 (1968: Richard Nixon v. Hubert Humphrey)

1968: Richard Nixon v. Hubert Humphrey

- 1 I was ineligible to vote
- 2 I didn't vote
- 3 I voted

k10e_3 (1972: Richard Nixon v. George McGovern)

1972: Richard Nixon v. George McGovern

1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_4 (1976: Jimmy Carter v. Gerald Ford)
1976: Jimmy Carter v. Gerald Ford
1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_5 (1980: Ronald Reagan v. Jimmy Carter)
1980: Ronald Reagan v. Jimmy Carter
1 I was ineligible to vote
2 I didn't vote
3 I voted

elseif age_preload > 66 then

k10e_3 (1972: Richard Nixon v. George McGovern)
1972: Richard Nixon v. George McGovern
1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_4 (1976: Jimmy Carter v. Gerald Ford)
1976: Jimmy Carter v. Gerald Ford
1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_5 (1980: Ronald Reagan v. Jimmy Carter)
1980: Ronald Reagan v. Jimmy Carter
1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_6 (1984: Ronald Reagan v. Walter Mondale)

1984: Ronald Reagan v. Walter Mondale
1 I was ineligible to vote
2 I didn't vote
3 I voted

elseif age_preload > 62 then

k10e_4 (1976: Jimmy Carter v. Gerald Ford)
1976: Jimmy Carter v. Gerald Ford
1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_5 (1980: Ronald Reagan v. Jimmy Carter)
1980: Ronald Reagan v. Jimmy Carter
1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_6 (1984: Ronald Reagan v. Walter Mondale)
1984: Ronald Reagan v. Walter Mondale
1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_7 (1988: George Bush v. Michael Dukakis)
1988: George Bush v. Michael Dukakis
1 I was ineligible to vote
2 I didn't vote
3 I voted

elseif age_preload > 58 then

k10e_5 (1980: Ronald Reagan v. Jimmy Carter)
1980: Ronald Reagan v. Jimmy Carter

1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_6 (1984: Ronald Reagan v. Walter Mondale)

1984: Ronald Reagan v. Walter Mondale

1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_7 (1988: George Bush v. Michael Dukakis)

1988: George Bush v. Michael Dukakis

1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_8 (1992: Bill Clinton v. George Bush)

1992: Bill Clinton v. George Bush

1 I was ineligible to vote
2 I didn't vote
3 I voted

elseif age_preload > 54 then

k10e_6 (1984: Ronald Reagan v. Walter Mondale)

1984: Ronald Reagan v. Walter Mondale

1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_7 (1988: George Bush v. Michael Dukakis)

1988: George Bush v. Michael Dukakis

1 I was ineligible to vote
2 I didn't vote
3 I voted

k10e_8 (1992: Bill Clinton v. George Bush)

1992: Bill Clinton v. George Bush

1 I was ineligible to vote

2 I didn't vote

3 I voted

k10e_9 (1996: Bill Clinton v. Bob Dole)

1996: Bill Clinton v. Bob Dole

1 I was ineligible to vote

2 I didn't vote

3 I voted

Else

k10e_7 (1988: George Bush v. Michael Dukakis)

1988: George Bush v. Michael Dukakis

1 I was ineligible to vote

2 I didn't vote

3 I voted

k10e_8 (1992: Bill Clinton v. George Bush)

1992: Bill Clinton v. George Bush

1 I was ineligible to vote

2 I didn't vote

3 I voted

k10e_9 (1996: Bill Clinton v. Bob Dole)

1996: Bill Clinton v. Bob Dole

1 I was ineligible to vote

2 I didn't vote

3 I voted

k10e_10 (2000: George W. Bush v. Al Gore)

2000: George W. Bush v. Al Gore

1 I was ineligible to vote

2 I didn't vote

3 I voted

End of if

End of subgroup of questions

End of group of questions**End of if**

if lastwave = 1 then

Group of questions presented on the same screen**k10f_intro**

Now thinking specifically about LGBTQ+ related issues and events, have you ever:

Subgroup of questions

k10f_1 (Participated in an LGBTQ+ pride parade)

Participated in an LGBTQ+ pride parade

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

k10f_2 (Participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights)

Participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

k10f_3 (Participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues)

Participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

End of subgroup of questions

End of group of questions

Else

if preload_k10f_1 = response then
End of if

if preload_k10f_2 = response then
End of if

if preload_k10f_3 = response then
End of if

if preload_k10f_1 = empty OR preload_k10f_2 = empty OR preload_k10f_3 = empty then

Group of questions presented on the same screen

k10f_intro
 Now thinking specifically about LGBTQ+ related issues and events, have you ever:

Subgroup of questions

if preload_k10f_1 = empty then

k10f_1 (Participated in an LGBTQ+ pride parade)
 Participated in an LGBTQ+ pride parade
 0 Never
 1 Rarely

- 2 Sometimes
- 3 Often

End of if

if preload_k10f_2 = empty then

k10f_2 (Participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights)

Participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

End of if

if preload_k10f_3 = empty then

k10f_3 (Participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues)

Participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

End of if

End of subgroup of questions

End of group of questions

End of if

End of if

if k10f_1 > 0 then

if lastwave = 1 then

Group of questions presented on the same screen

k10g_intro_1

About how often would you say you participated in an LGBTQ+ pride parade when you were:

Subgroup of questions

k10g_1a (participated in an LGBTQ+ pride parade under 18)

Under 18

0 Never

1 Rarely

2 Sometimes

3 Often

k10g_1b (participated in an LGBTQ+ pride parade 18 to 29 years old)

18 to 29 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10g_1c (participated in an LGBTQ+ pride parade 30 to 49 years old)

30 to 49 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10g_1d (participated in an LGBTQ+ pride parade 50 or older)

50 years or older

0 Never

1 Rarely

- 2 Sometimes
- 3 Often

k10g_1e (participated in an LGBTQ+ pride parade in the last year)

In the last year

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

End of subgroup of questions

End of group of questions

Else

k10g_1e_single (participated in an LGBTQ+ pride parade in the last year)

About how often would you say you participated in an LGBTQ+ pride parade in the last year?

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

End of if

elseif k10f_1 = response then

Group of questions presented on the same screen

k10h_1 (why never participate in an LGBTQ+ pride parade)

Why did you never participate in an LGBTQ+ pride parade?

- 1 There was no such event nearby
- 2 I did not have time or money
- 3 I didn't have friends/acquaintances going
- 4 I feared discrimination/victimization during the event
- 5 I feared discrimination/victimization after the event
- 6 I did not identify as LGBTQ+ at this life stage

7 I identified as LGBTQ+ but was not publicly out at this life stage
8 Something else (specify):

k10h_1_other (other why never participate in an LGBTQ+ pride parade)
STRING

End of group of questions

End of if

if k10f_2 > 0 then

if lastwave = 1 then

Group of questions presented on the same screen

k10g_intro_2

About how often would you say you participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights when you were:

Subgroup of questions

k10g_2a (participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights under 18)

Under 18

0 Never

1 Rarely

2 Sometimes

3 Often

k10g_2b (participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights 18 to 29 years old)

18 to 29 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10g_2c (participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights 30 to 49 years old)

30 to 49 years old

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

k10g_2d (participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights 50 or older)

50 years or older

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

k10g_2e (participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights in the last year)

In the last year

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

End of subgroup of questions

End of group of questions

Else

k10g_2e_single (participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights in the last year)

About how often would you say you participated in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights in the last year?

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

End of if

elseif k10f_2 = response then

Group of questions presented on the same screen

k10h_2 (why never participate in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights)

Why did you never participate in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights?

- 1 There was no such event nearby
- 2 I did not have time or money
- 3 I didn't have friends/acquaintances going
- 4 I feared discrimination/victimization during the event
- 5 I feared discrimination/victimization after the event
- 6 I did not identify as LGBTQ+ at this life stage
- 7 I identified as LGBTQ+ but was not publicly out at this life stage
- 8 Something else (specify):

k10h_2_other (other why never participate in a march, demonstration, or protest primarily related to advancing LGBTQ+ rights)

STRING

End of group of questions

End of if

if k10f_3 > 0 then

if lastwave = 1 then

Group of questions presented on the same screen

k10g_intro_3

About how often would you say you participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues when you were:

Subgroup of questions

k10g_3a (participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues under 18)

Under 18

0 Never

1 Rarely

2 Sometimes

3 Often

k10g_3b (participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues 18 to 29 years old)

18 to 29 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10g_3c (participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues 30 to 49 years old)

30 to 49 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10g_3d (participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues 50 or older)

50 years or older

0 Never

1 Rarely

2 Sometimes

3 Often

k10g_3e (participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues in the last year)

In the last year
0 Never
1 Rarely
2 Sometimes
3 Often

End of subgroup of questions

End of group of questions

Else

k10g_3e_single (participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues in the last year)

About how often would you say you participated in other types of marches, demonstrations, or protests primarily related to advancing other political issues in the last year?

0 Never
1 Rarely
2 Sometimes
3 Often

End of if

elseif k10f_3 = response then

Group of questions presented on the same screen

k10h_3 (why never participate in other types of marches, demonstrations, or protests primarily related to advancing other political issues)

Why did you never participate in other types of marches, demonstrations, or protests primarily related to advancing other political issues?

1 There was no such event nearby
2 I did not have time or money
3 I didn't have friends/acquaintances going
4 I feared discrimination/victimization during the event
5 I feared discrimination/victimization after the event
6 I did not identify as LGBTQ+ at this life stage

7 I identified as LGBTQ+ but was not publicly out at this life stage
8 Something else (specify):

k10h_3_other (other why never participate in other types of marches, demonstrations, or protests primarily related to advancing other political issues)

STRING

End of group of questions

End of if

if lastwave = 1 then

Group of questions presented on the same screen

k10j_intro

About how often would you say you have publicly displayed LGBTQ+ yard signs or flags outside your residence when you were:

Subgroup of questions

k10j_1 (under 18 publicly displayed LGBTQ+ yard signs or flags outside your residence)

Under 18

0 Never

1 Rarely

2 Sometimes

3 Often

k10j_2 (18 to 29 years old publicly displayed LGBTQ+ yard signs or flags outside your residence)

18 to 29 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10j_3 (30 to 49 years old publicly displayed LGBTQ+ yard signs or flags outside your residence)

30 to 49 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10j_4 (50 years or older publicly displayed LGBTQ+ yard signs or flags outside your residence)

50 years or older

0 Never

1 Rarely

2 Sometimes

3 Often

k10j_5 (In the last year publicly displayed LGBTQ+ yard signs or flags outside your residence)

In the last year

0 Never

1 Rarely

2 Sometimes

3 Often

End of subgroup of questions

End of group of questions

Else

k10j_5_single (In the last year publicly displayed LGBTQ+ yard signs or flags outside your residence)

About how often would you say you have publicly displayed LGBTQ+ yard signs or flags outside your residence in the last year?

0 Never

1 Rarely

2 Sometimes

3 Often

End of if

if lastwave = 1 and k10j_1 = 0 then

Group of questions presented on the same screen

k10j_never_1 (under 18 never publicly display yardsigns or flags supporting the LGBTQ+ community)

Why did you never publicly display yardsigns or flags supporting the LGBTQ+ community when you were under 18:

- 1 I could not acquire an LGBTQ+ sign or flag (e.g., not available, too expensive)
- 2 The people I lived with would not agree to it
- 3 I feared discrimination/victimization
- 4 I did not identify as LGBTQ+ at this life stage
- 5 I identified as LGBTQ+ but was not publicly out at this life stage
- 6 Something else (specify):

k10j_never_other_1 (other under 18 never publicly display yardsigns or flags supporting the LGBTQ+ community)
STRING

End of group of questions

End of if

if lastwave = 1 and k10j_2 = 0 then

Group of questions presented on the same screen

k10j_never_2 (18 to 29 years old never publicly display yardsigns or flags supporting the LGBTQ+ community)

Why did you never publicly display yardsigns or flags supporting the LGBTQ+ community when you were 18 to 29 years old:

- 1 I could not acquire an LGBTQ+ sign or flag (e.g., not available, too expensive)
- 2 The people I lived with would not agree to it
- 3 I feared discrimination/victimization
- 4 I did not identify as LGBTQ+ at this life stage

5 I identified as LGBTQ+ but was not publicly out at this life stage
 6 Something else (specify):

k10j_never_other_2 (other 18 to 29 never publicly display yardsigns or flags supporting the LGBTQ+ community)
 STRING

End of group of questions

End of if

if lastwave = 1 and k10j_3 = 0 then

Group of questions presented on the same screen

k10j_never_3 (30 to 49 years old never publicly display yardsigns or flags supporting the LGBTQ+ community)

Why did you never publicly display yardsigns or flags supporting the LGBTQ+ community when you were 30 to 49 years old:

- 1 I could not acquire an LGBTQ+ sign or flag (e.g., not available, too expensive)
- 2 The people I lived with would not agree to it
- 3 I feared discrimination/victimization
- 4 I did not identify as LGBTQ+ at this life stage
- 5 I identified as LGBTQ+ but was not publicly out at this life stage
- 6 Something else (specify):

k10j_never_other_3 (other 30 to 49 never publicly display yardsigns or flags supporting the LGBTQ+ community)
 STRING

End of group of questions

End of if

if lastwave = 1 and k10j_4 = 0 then

Group of questions presented on the same screen

k10j_never_4 (50 years or older never publicly display yardsigns or flags supporting the LGBTQ+ community)

Why did you never publicly display yardsigns or flags supporting the LGBTQ+ community when you were 50 years or older:

- 1 I could not acquire an LGBTQ+ sign or flag (e.g., not available, too expensive)
- 2 The people I lived with would not agree to it
- 3 I feared discrimination/victimization
- 4 I did not identify as LGBTQ+ at this life stage
- 5 I identified as LGBTQ+ but was not publicly out at this life stage
- 6 Something else (specify):

k10j_never_other_4 (other 50 years or older never publicly display yardsigns or flags supporting the LGBTQ+ community)

STRING

End of group of questions

End of if

if k10j_5 = 0 then

Group of questions presented on the same screen

k10j_never_5 (in last year never publicly display yardsigns or flags supporting the LGBTQ+ community)

Why did you never publicly display yardsigns or flags supporting the LGBTQ+ community in the last year:

- 1 I could not acquire an LGBTQ+ sign or flag (e.g., not available, too expensive)
- 2 The people I lived with would not agree to it
- 3 I feared discrimination/victimization
- 4 I did not identify as LGBTQ+ at this life stage
- 5 I identified as LGBTQ+ but was not publicly out at this life stage
- 6 Something else (specify):

k10j_never_other_5 (other last year never publicly display yardsigns or flags supporting the LGBTQ+ community)

STRING

End of group of questions**End of if****if lastwave = 1 then****Group of questions presented on the same screen****k10k_intro**

About how often would you say you have publicly displayed an LGBTQ+ symbol on your person (e.g., t-shirt, sticker, tattoo, backpack patch, button, cuff links, car bumper sticker) when you were:

Subgroup of questions

k10k_1 (under 18 publicly displayed an LGBTQ+ symbol on your person)

Under 18

0 Never

1 Rarely

2 Sometimes

3 Often

k10k_2 (18 to 29 years old publicly displayed an LGBTQ+ symbol on your person)

18 to 29 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10k_3 (30 to 49 years old publicly displayed an LGBTQ+ symbol on your person)

30 to 49 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10k_4 (50 years or older publicly displayed an LGBTQ+ symbol on your person)

50 years or older
 0 Never
 1 Rarely
 2 Sometimes
 3 Often

k10k_5 (In the last year publicly displayed an LGBTQ+ symbol on your person)

In the last year
 0 Never
 1 Rarely
 2 Sometimes
 3 Often

End of subgroup of questions

End of group of questions

Else

k10k_5_single (In the last year publicly displayed an LGBTQ+ symbol on your person)

About how often would you say you have publicly displayed an LGBTQ+ symbol on your person (e.g., t-shirt, sticker, tattoo, backpack patch, button, cuff links, car bumper sticker) in the last year?

0 Never
 1 Rarely
 2 Sometimes
 3 Often

End of if

if lastwave = 1 and k10k_1 = 0 then

Group of questions presented on the same screen

k10k_never_1 (under 18 never publicly display a symbol on your person supporting the LGBTQ+ community)

Why did you never publicly display a symbol on your person supporting the LGBTQ+ community under 18:

- 1 I could not acquire an LGBTQ+ sign or flag (e.g., not available, too expensive)
- 2 The people I lived with would not agree to it
- 3 I feared discrimination/victimization
- 4 I did not identify as LGBTQ+ at this life stage
- 5 I identified as LGBTQ+ but was not publicly out at this life stage
- 6 Something else (specify):

k10k_never_other_1 (other under 18 never publicly display a symbol on your person supporting the LGBTQ+ community)

STRING

End of group of questions

End of if

if lastwave = 1 and k10k_2 = 0 then

Group of questions presented on the same screen

k10k_never_2 (18 to 29 years old never publicly display a symbol on your person supporting the LGBTQ+ community)

Why did you never publicly display a symbol on your person supporting the LGBTQ+ community when you were 18 to 29 years old:

- 1 I could not acquire an LGBTQ+ sign or flag (e.g., not available, too expensive)
- 2 The people I lived with would not agree to it
- 3 I feared discrimination/victimization
- 4 I did not identify as LGBTQ+ at this life stage
- 5 I identified as LGBTQ+ but was not publicly out at this life stage
- 6 Something else (specify):

k10k_never_other_2 (other 18 to 29 never publicly display a symbol on your person supporting the LGBTQ+ community)

STRING

End of group of questions

End of if

if lastwave = 1 and k10k_3 = 0 then

Group of questions presented on the same screen

k10k_never_3 (30 to 49 years old never publicly display a symbol on your person supporting the LGBTQ+ community)

Why did you never publicly display a symbol on your person supporting the LGBTQ+ community when you were 30 to 49 years old:

- 1 I could not acquire an LGBTQ+ sign or flag (e.g., not available, too expensive)
- 2 The people I lived with would not agree to it
- 3 I feared discrimination/victimization
- 4 I did not identify as LGBTQ+ at this life stage
- 5 I identified as LGBTQ+ but was not publicly out at this life stage
- 6 Something else (specify):

k10k_never_other_3 (other 30 to 49 never publicly display a symbol on your person supporting the LGBTQ+ community)

STRING

End of group of questions

End of if

if lastwave = 1 and k10k_4 = 0 then

Group of questions presented on the same screen

k10k_never_4 (50 years or older never publicly display a symbol on your person supporting the LGBTQ+ community)

Why did you never publicly display a symbol on your person supporting the LGBTQ+ community when you were 50 years or older:

- 1 I could not acquire an LGBTQ+ sign or flag (e.g., not available, too expensive)
- 2 The people I lived with would not agree to it
- 3 I feared discrimination/victimization
- 4 I did not identify as LGBTQ+ at this life stage
- 5 I identified as LGBTQ+ but was not publicly out at this life stage
- 6 Something else (specify):

k10k_never_other_4 (other 50 years or older never publicly display a symbol on your person supporting the LGBTQ+ community)
STRING

End of group of questions

End of if

if k10k_5 = 0 then

Group of questions presented on the same screen

k10k_never_5 (in last year never publicly display a symbol on your person supporting the LGBTQ+ community)
Why did you never publicly display a symbol on your person supporting the LGBTQ+ community in the last year:
1 I could not acquire an LGBTQ+ sign or flag (e.g., not available, too expensive)
2 The people I lived with would not agree to it
3 I feared discrimination/victimization
4 I did not identify as LGBTQ+ at this life stage
5 I identified as LGBTQ+ but was not publicly out at this life stage
6 Something else (specify):

k10k_never_other_5 (other last year never publicly display a symbol on your person supporting the LGBTQ+ community)
STRING

End of group of questions

End of if

if lastwave = 1 then

Group of questions presented on the same screen

k10l_intro
About how often would you say you have donated money or time toward an LGBTQ+ related cause or organization when you were:

Subgroup of questions

k10I_1 (under 18 donated money or time toward an LGBTQ+ related cause or organization)

Under 18

0 Never

1 Rarely

2 Sometimes

3 Often

k10I_2 (18 to 29 years old donated money or time toward an LGBTQ+ related cause or organization)

18 to 29 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10I_3 (30 to 49 years old donated money or time toward an LGBTQ+ related cause or organization)

30 to 49 years old

0 Never

1 Rarely

2 Sometimes

3 Often

k10I_4 (50 years or older donated money or time toward an LGBTQ+ related cause or organization)

50 years or older

0 Never

1 Rarely

2 Sometimes

3 Often

k10I_5 (In the last year donated money or time toward an LGBTQ+ related cause or organization)

In the last year

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

End of subgroup of questions

End of group of questions

Else

k10l_5_single (In the last year donated money or time toward an LGBTQ+ related cause or organization)

About how often would you say you have donated money or time toward an LGBTQ+ related cause or organization in the last year?

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

End of if

if lastwave = 1 then

Group of questions presented on the same screen

k10m_intro

About how often would you say you have donated money or time toward a political candidate based on their views about LGBTQ+ people or communities when you were:

Subgroup of questions

k10m_1 (under 18 donated money or time toward a political candidate)

- Under 18
- 0 Never
- 1 Rarely

2 Sometimes
3 Often

k10m_2 (18 to 29 years old donated money or time toward a political candidate)

18 to 29 years old

0 Never
1 Rarely
2 Sometimes
3 Often

k10m_3 (30 to 49 years old donated money or time toward a political candidate)

30 to 49 years old

0 Never
1 Rarely
2 Sometimes
3 Often

k10m_4 (50 years or older donated money or time toward a political candidate)

50 years or older

0 Never
1 Rarely
2 Sometimes
3 Often

k10m_5 (In the last year donated money or time toward a political candidate)

In the last year

0 Never
1 Rarely
2 Sometimes
3 Often

End of subgroup of questions

End of group of questions

Else

k10m_5_single (In the last year donated money or time toward a political candidate)

About how often would you say you have donated money or time toward a political candidate based on their views about LGBTQ+ people or communities in the last year?

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

End of if

if lastwave = 1 then

Group of questions presented on the same screen**k10n_intro**

How often did you pay attention to government and politics concerning LGBTQ+ issues when you were:

Subgroup of questions

k10n_1 (under 18 pay attention to government and politics concerning LGBTQ+ issues)

Under 18

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

k10n_2 (18 to 29 years old pay attention to government and politics concerning LGBTQ+ issues)

18 to 29 years old

- 0 Never
- 1 Rarely
- 2 Sometimes
- 3 Often

k10n_3 (30 to 49 years old pay attention to government and politics concerning LGBTQ+ issues)

30 to 49 years old
0 Never
1 Rarely
2 Sometimes
3 Often

k10n_4 (50 years or older pay attention to government and politics concerning LGBTQ+ issues)
50 years or older
0 Never
1 Rarely
2 Sometimes
3 Often

k10n_5 (In the last year pay attention to government and politics concerning LGBTQ+ issues)
In the last year
0 Never
1 Rarely
2 Sometimes
3 Often

End of subgroup of questions

End of group of questions

Else

k10n_5_single (In the last year pay attention to government and politics concerning LGBTQ+ issues)
How often did you pay attention to government and politics concerning LGBTQ+ issues in the last year?
0 Never
1 Rarely
2 Sometimes
3 Often

End of if

Group of questions presented on the same screen**k10o_intro**

How important, if at all, do you think each of the following issues will be when making your decision about who to vote for in the 2024 presidential election?

Subgroup of questions

k10o_1 (The Economy)

The Economy

- 0 Not important at all
- 1 Not very important
- 2 Somewhat important
- 3 Very Important

k10o_2 (Foreign Policy)

Foreign Policy

- 0 Not important at all
- 1 Not very important
- 2 Somewhat important
- 3 Very Important

k10o_3 (Racial and ethnic equality)

Racial and ethnic equality

- 0 Not important at all
- 1 Not very important
- 2 Somewhat important
- 3 Very Important

k10o_4 (LGBTQ+ issues)

LGBTQ+ issues

- 0 Not important at all
- 1 Not very important
- 2 Somewhat important
- 3 Very Important

k10o_5 (Health Care)

Health Care

0 Not important at all

1 Not very important

2 Somewhat important

3 Very Important

End of subgroup of questions

End of group of questions**Group of questions presented on the same screen****k10i_intro**

In the last year, legislators in [^state_preload/your current state of residence] pursued legislation banning medical care to transgender adolescents and/or banning transgender youth from sports.

Subgroup of questions

k10i_1 (paid attention to discussions about bills in state legislature)

How much would you say you paid attention to discussions about these bills in your state legislature?

0 Not at all

1 Very little

2 Somewhat

3 A great deal

k10i_2 (how much affected mental health)

How much would you say this affected your mental health?

0 Not at all

1 Very little

2 Somewhat

3 A great deal

End of subgroup of questions

End of group of questions

k10p (ever intentionally avoided buying a certain brand or avoided a certain store)

Have you ever intentionally avoided buying a certain brand or avoided a certain store because you dislike the company's social or political values toward LGBTQ+ people?

1 (YES) Yes

2 (NO) No

k10q (ever intentionally avoided buying a certain brand or avoided a certain store)

Have you ever intentionally tried to buy a certain brand or frequent a certain store because you like the company's social or political values toward LGBTQ+ people?

1 (YES) Yes

2 (NO) No

k11_intro

We're almost done. Just a few last questions.

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

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

End of group of questions

if k15 = 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

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 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 2020 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 2020 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 2020 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 2020 was higher or lower than about \$50,000?

- 1 Lower
- 2 Higher
- 3 About \$50,000

End of if**k35 (payment method)**

For your participation in this study, you will be compensated \$60. 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.

if k35 = 1 then**Group of questions presented on the same screen****sc014_intro2**

In order for us to be able to send you your checks, we would like to ask you to confirm or correct your address:

Raddress1

STRING

Raddress2

STRING

Rcity

STRING

Rzipcode

STRING

Rstate

1 Alaska

2 Alabama

3 Arizona

4 Arkansas

5 California

6 Colorado

- 7 Connecticut
- 8 Delaware
- 9 Florida
- 10 Georgia
- 11 Hawaii
- 12 Idaho
- 13 Illinois
- 14 Indiana
- 15 Iowa
- 16 Kansas
- 17 Kentucky
- 18 Louisiana
- 19 Maine
- 20 Maryland
- 21 Massachusetts
- 22 Michigan
- 23 Minnesota
- 24 Mississippi
- 25 Missouri
- 26 Montana
- 27 Nebraska
- 28 Nevada
- 29 New Hampshire
- 30 New Jersey
- 31 New Mexico
- 32 New York
- 33 North Carolina
- 34 North Dakota
- 35 Ohio
- 36 Oklahoma
- 37 Oregon
- 38 Pennsylvania
- 39 Rhode Island
- 40 South Carolina
- 41 South Dakota
- 42 Tennessee
- 43 Texas
- 44 Utah
- 45 Vermont
- 46 Virginia
- 47 Washington
- 48 West Virginia
- 49 Wisconsin
- 50 Wyoming

51 Washington D.C.
52 Puerto Rico

End of group of questions

elseif k35 = 2 then

Group of questions presented on the same screen

k23_intro2

In order for us to be able to send you your checks, we would like to ask you to confirm or correct your the email address:

k23_email (contact email)

STRING

End of group of questions

End of if

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