



Field Questionnaire

Version 22.1



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Centers for Disease Control and Prevention
National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention

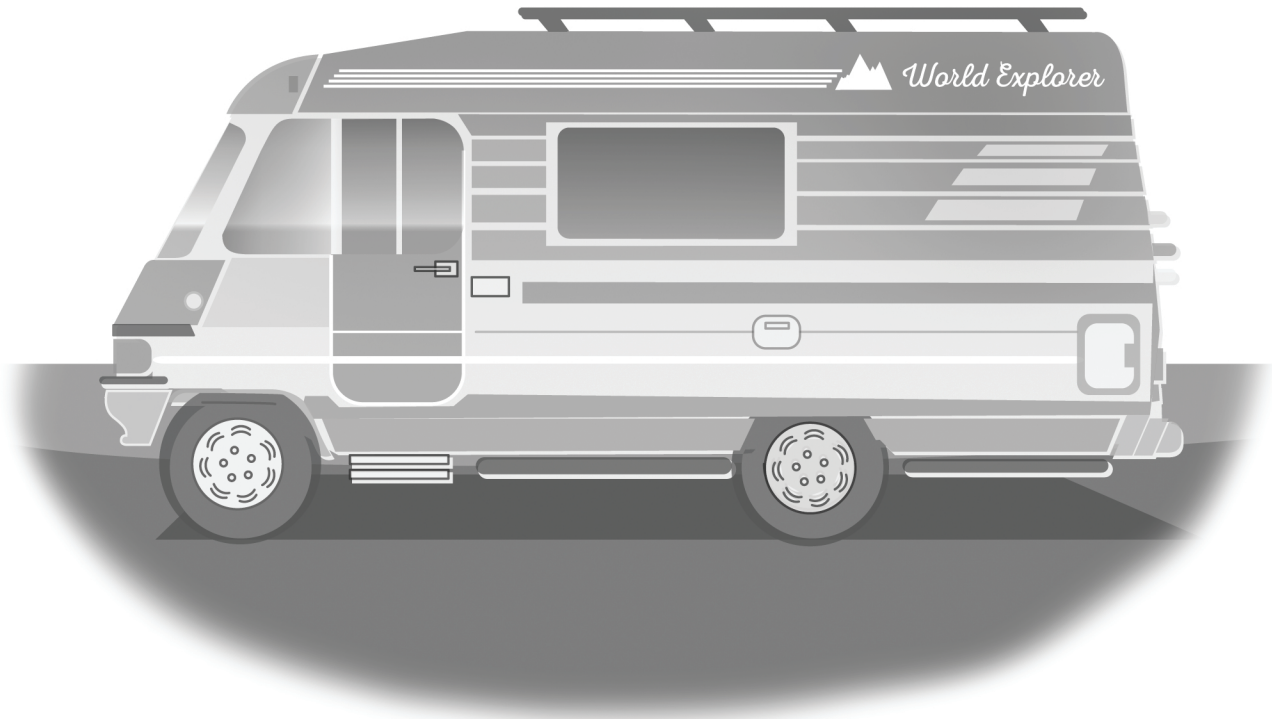
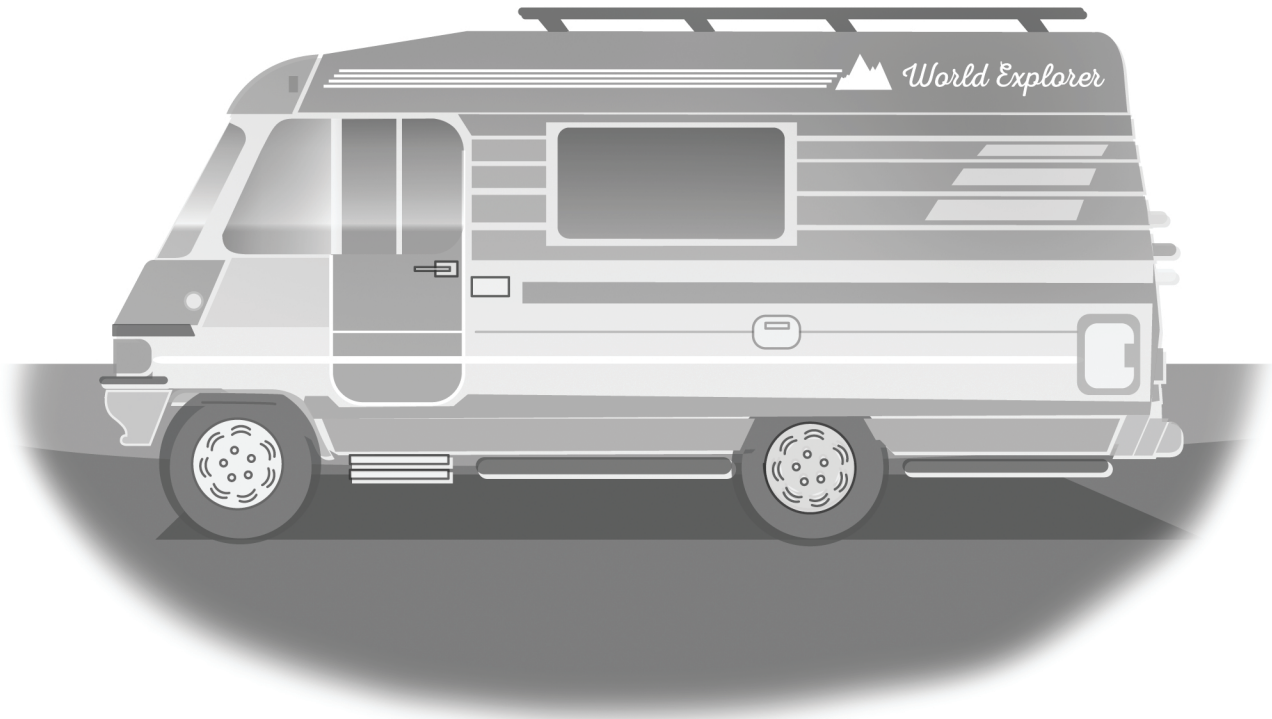


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Module: Preliminary information (I)

Calculation_AGEIDATE

Response:

- I.1.0.** Calculate the respondent's age at the time of the interview using DOB_13 (date of birth) and IDATE (interview date).

Calculation_IDATEAVN2

1

- I.7.0.** Automatically calculate interview date based on device date

IDATEVERN21_22

Response:

Intro_IDATEVERN21_22 "Enter the following information prior to the interview."

- IP.1.0.** **Today's date on your device is [Insert Calculation_IDATEAVN21]. If this is correct, select "Interview date is correct." If this is incorrect, exit Voxco and change the date on your device. If the date cannot be fixed on your device, select "Interview date is incorrect."**

1 Interview date is correct

2 Interview date is incorrect

If IP.1.0.= 2, → IP.1.1.. Else, → IP.1.2..

IDATECHECKN21

Response:

- IP.1.1.** If you cannot change the date on your device, please enter the correct date.

(Range: 06/01/2021 - 05/31/2024)

Display the following: Interview date has been updated to [Insert IP.1.1. (Interview date correction)]. Is this correct? Yes or No. If Yes, then advance. If No, then return to IP.1.1..

Calculation_IDATE

- IP.1.2.** If the device date is correct, use IDATEAVN21 for interview date. Otherwise, use the manually entered date [IDATECHECKN21].

Calculation_SHIDATE21

- IP.1.3.** String version of the interview date. SHORTDATE(IDATE)

Calculation_CLCSDT_21

- IP.1.4.** IDATE CLCSDT_21
- | | |
|-----------------------------|------------|
| June 1, 2021 – May 31, 2022 | 12/31/2020 |
| June 1, 2022 – May 31, 2023 | 12/31/2021 |
| June 1, 2023 – May 31, 2024 | 12/31/2022 |
| June 1, 2024 – May 31, 2025 | 12/31/2023 |
| June 1, 2025 – May 31, 2026 | 12/31/2024 |

MODEADM

Response:

- IP.2.0.** Was the interview originally administered on paper?

0 No

1 Yes

SITEID

Response:

- IP.3.0.** Site ID of jurisdiction where person was sampled:

Valid numbers are as follows: 0006, 1600, 0010, 0012, 0013, 3360, 0017, 0018, 4480, 0026, 0028, 0034, 0036, 5600, 0037, 0041, 0042, 6160, 0072, 7360, 0048, 0051, and 0053. Else read, "Site ID is invalid." Return to IP.3.0..

If IP.3.0. is less than 4 digits, then read, "Number must be 4 digits." Return to IP.3.0..

Calculation_CYGSN5_21

- IP.3.2.** Calculate cycle year using CYGSN5_21 (cycle year based on interview date)
 If IDATE is June 1, 2021 – May 31, 2022, then CYGSN5_21=2021
 If IDATE is June 1, 2022 – May 31, 2023, then CYGSN5_21=2022
 If IDATE is June 1, 2023 – May 31, 2024, then CYGSN5_21=2023
 If IDATE is June 1, 2024 – May 31, 2025, then CYGSN5_21=2024
 If IDATE is June 1, 2025 – May 31, 2026, then CYGSN5_21=2025

INDID

Response:

- IP.3.3.** Respondent ID:

(Range: 0001-9999)

If number is less than 4 digits, then read, "Number must be four digits." Return to IP.3.3..

Calculation_21_PARID

- IP.3.4.** Calculate PARID (participant ID) by combining SITEID (side ID where person sampled) and 09 and last two digits of CYGSN5_21 (cycle year based on date of interview) and INDID (respondent ID).

(Range: 0000-0000-0001 to 9999-9999-9999)

IDCONFN3

Response:

- IP.3.5.** [DON'T READ ALOUD] The Participant ID is [Response to IP.3.0]-[09 and last 2 digits of CYGSN5_21]-[Response to IP.3.3]. Is that correct?

0 No

1 Yes

If IP.3.5. is 0 (no), then read, Interviewer: Please re-enter participant ID. Return to IP.3.0..

INTID

Response:

- IP.4.0.** Interviewer ID:

(Range: 001–999)

If number is less than 3 digits, then read, "Number must be three digits." Return to IP.4.0..

INTSE_21

Response:

- IP.5.0.** Interview setting: [SELECT ONLY ONE.]

- 1 Telephone
- 2 Prison or jail facility
- 3 Health facility
- 4 Health department
- 5 Private home
- 6 Public venue (e.g., coffee shop, library)
- 7 Video interview
- 8 Other

IJURN5

Response:

- IP.6.0.** [DON'T READ ALOUD] What is the site ID of the jurisdiction completing the interview?

(Range: 0001–9999)

Valid numbers are as follows: 0006, 1600, 0010, 0012, 0013, 3360, 0017, 0018, 4480, 0026, 0028, 0034, 0036, 5600, 0037, 0041, 0042, 6160, 0072, 7360, 0048, 0051, and 0053. Else, read "The site ID of the jurisdiction completing the interview is invalid." Return to IP.6.0..

If IP.6.0. is less than 4 digits, then read, "Number must be 4 digits." Return to IP.6.0..

INTERPN8

Response: **IP.7.0.** [DON'T READ ALOUD] Are you using a language interpreter for this interview?

0 No

1 Yes

If IP.7.0. = 0 (no), → IN.1.0..

Else, → IP.7.1..

INTLAN8

Response: **IP.7.1.** [DON'T READ ALOUD] What language is the interpreter using for this interview?

1 Spanish

2 French

3 German

4 Chinese

5 Creole (French or Haitian)

6 American Sign Language (ASL)

7 Arabic

8 Other

If IP.7.1. is 8 (other), → IP.7.2..

Else, → IN.1.0..

ILAN8_OS

Response: **IP.7.2.** [DON'T READ ALOUD] Please specify what language the interpreter is using for this interview.**Topic: Introduction (IN)**

SURVEYIN

Response:

Intro_21_SURVEYIN “Thank you for taking part in this interview. Remember, your answers to these questions are confidential. The answers to some questions may seem obvious, but I need to ask you all the questions. There is a set of cards that we’ll use during the interview.”

IN.1.0.



Module: Eligibility criteria (Y)**Topic: MMP participation (YM)**

Calculation_ST_INTN5

YM.0. ST_INTN5 = Current time

PARTCPT

Response: **YM.1.0.** Have you **ever** participated in the MMP interview?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If YM.1.0. is 7 (refused to answer) then READ, "I'm only interviewing people who haven't already been interviewed during this data collection year. Thank you very much for your time." Allow program to move forward.

If YM.1.0. = 1 (yes), → YM.1.1.. If YM.1.0. = 0 (no) or 8 (don't know), then → YS.1.0.. If YM.1.0. is 7 (refused to answer), → E.0..

PARTIC

Response: **YM.1.1.** What month and year did you participate in the MMP interview?

- 8888 Don't Know
 - 7777 Refused to Answer
- (Range: 06/2005-01/2050)

If IP.3.2. =2021 and YM.1.1. >= June 1, 2021 or if IP.3.2. =2022 and YM.1.1. >= June 1, 2022 or if IP.3.2. =2023 and YM.1.1. >= June 1, 2023 or if IP.3.2. =2024 and YM.1.1. >= June 1, 2024 or if IP.3.2. =2025 and YM.1.1. >= June 1, 2025, then read, "I'm only interviewing people who haven't already been interviewed during this data collection year. Thank you very much for your time." Allow program to move forward.

YM.1.1. cannot be later than IP.1.2.. If YM.1.1. > IP.1.2., then read, "Date cannot be later than interview date." Do not allow program to advance.

If IP.3.2. =2021 and YM.1.1. >= June 1, 2021 or if IP.3.2. =2022 and YM.1.1. >= June 1, 2022 or if IP.3.2. =2023 and YM.1.1. >= June 1, 2023 or if IP.3.2. =2024 and YM.1.1. >= June 1, 2024 or if IP.3.2. =2025 and YM.1.1. >= June 1, 2025, then → E.0..

If YM.1.1. is 7777 (refused to answer), → E.0.. If YM.1.1. is 888 (don't know), then → YS.1.0.. Else, → YS.1.0..

Topic: Residence (YS)

RESCURN8_21

Response: **YS.1.0.** What state or territory do you **currently** live in? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 Alabama (AL)
- 2 Alaska (AK)
- 3 Arizona (AZ)
- 4 Arkansas (AR)
- 5 California (CA)
- 6 Colorado (CO)
- 7 Connecticut (CT)
- 8 Delaware (DE)
- 9 District of Columbia (DC)
- 10 Florida (FL)
- 11 Georgia (GA)
- 12 Hawaii (HI)
- 13 Idaho (ID)
- 14 Illinois (IL)
- 15 Indiana (IN)
- 16 Iowa (IA)
- 17 Kansas (KS)
- 18 Kentucky (KY)
- 19 Louisiana (LA)
- 20 Maine (ME)
- 21 Maryland (MD)
- 22 Massachusetts (MA)
- 23 Michigan (MI)
- 24 Minnesota (MN)
- 25 Mississippi (MS)
- 26 Missouri (MO)
- 27 Montana (MT)
- 28 Nebraska (NE)
- 29 Nevada (NV)
- 30 New Hampshire (NH)
- 31 New Jersey (NJ)
- 32 New Mexico (NM)
- 33 New York (NY)
- 34 North Carolina (NC)
- 35 North Dakota (ND)
- 36 Ohio (OH)
- 37 Oklahoma (OK)
- 38 Oregon (OR)
- 39 Pennsylvania (PA)
- 40 Puerto Rico (PR)
- 41 Rhode Island (RI)
- 42 South Carolina (SC)
- 43 South Dakota (SD)
- 44 Tennessee (TN)
- 45 Texas (TX)
- 46 Utah (UT)
- 47 Vermont (VT)
- 48 Virginia (VA)
- 49 Washington (WA)

- 50 West Virginia (WV)
- 51 Wisconsin (WI)
- 52 Wyoming (WY)
- 53 Not living in the United States/Puerto Rico (ZZ)
- 88 Don't know
- 77 Refused to answer

If YS.1.0. is CA, IL, NY, PA, or TX, → YS.1.1..

If YS.1.0. is 88 (don't know) or 77 (refused to answer) → YS.2.0. Else, → YS.2.0.

MMPCTYN5

Response:

YS.1.1. What city do you **currently** live in? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 Chicago
- 2 Houston
- 3 Los Angeles County
- 4 New York City
- 5 Philadelphia
- 6 San Francisco
- 7 Other U.S. city
- 88 Don't Know
- 77 Refused to Answer

Only valid combinations for YS.1.1. and YS.1.0. are: YS.1.0. and YS.1.1. 5 California and 3 Los Angeles County 5 California and 6 San Francisco 5 California and 7 Other U.S. City 5 California and 77 Refused 5 California and 88 Don't Know 14 Illinois and 1 Chicago 14 Illinois and 7 Other U.S. City 14 Illinois and 77 Refused 14 Illinois and 88 Don't Know 33 New York and 4 New York City 33 New York and 7 Other U.S. City 33 New York and 77 Refused 33 New York and 88 Don't Know 39 Pennsylvania and 5 Philadelphia 39 Pennsylvania and 7 Other U.S. City 39 Pennsylvania and 77 Refused 39 Pennsylvania and 88 Don't Know 45 Texas and 2 Houston 45 Texas and 7 Other U.S. City 45 Texas and 77 Refused 45 Texas and 88 Don't Know Else, read, "That city does not match with the state you selected. Please tell me the city again." Return to YS.1.1..

YS.2.0 What state or territory did you live in on [Calculation_CLCSDT_21]? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 Alabama (AL)
- 2 Alaska (AK)
- 3 Arizona (AZ)
- 4 Arkansas (AR)
- 5 California (CA)
- 6 Colorado (CO)
- 7 Connecticut (CT)
- 8 Delaware (DE)
- 9 District of Columbia (DC)
- 10 Florida (FL)
- 11 Georgia (GA)
- 12 Hawaii (HI)
- 13 Idaho (ID)
- 14 Illinois (IL)
- 15 Indiana (IN)
- 16 Iowa (IA)
- 17 Kansas (KS)
- 18 Kentucky (KY)
- 19 Louisiana (LA)
- 20 Maine (ME)
- 21 Maryland (MD)
- 22 Massachusetts (MA)
- 23 Michigan (MI)
- 24 Minnesota (MN)
- 25 Mississippi (MS)
- 26 Missouri (MO)
- 27 Montana (MT)
- 28 Nebraska (NE)
- 29 Nevada (NV)
- 30 New Hampshire (NH)
- 31 New Jersey (NJ)
- 32 New Mexico (NM)
- 33 New York (NY)
- 34 North Carolina (NC)
- 35 North Dakota (ND)
- 36 Ohio (OH)
- 37 Oklahoma (OK)
- 38 Oregon (OR)
- 39 Pennsylvania (PA)
- 40 Puerto Rico (PR)
- 41 Rhode Island (RI)
- 42 South Carolina (SC)
- 43 South Dakota (SD)
- 44 Tennessee (TN)
- 45 Texas (TX)
- 46 Utah (UT)
- 47 Vermont (VT)
- 48 Virginia (VA)
- 49 Washington (WA)

- 50 West Virginia (WV)
- 51 Wisconsin (WI)
- 52 Wyoming (WY)
- 53 Not living in the United States/Puerto Rico (ZZ)
- 88 Don't know
- 77 Refused to answer

If YS.2.0 is not CA, IL, NY, PA, TX, DE, FL, GA, IN, MI, MS, NJ, NC, OR, PR, VA, or WA, then read, "I am only interviewing people who lived in certain states on [INSERT IP.1.4.]. Thank you very much for your time." Allow program to move forward.

If YS.2.0 is CA, IL, NY, PA, or TX, → YS.2.1.. If YS.2.0 is DE, FL, GA, IN, MI, MS, NJ, NC, OR, PR, VA, or WA, then → YA.1.0.. If YS.2.0 is 88 (don't know) or 77 (refused to answer), → E.0.. Else → E.0..

SAMPCTN5

Response:

YS.2.1. What city did you live in at that time? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 Chicago
- 2 Houston
- 3 Los Angeles County
- 4 New York City
- 5 Philadelphia
- 6 San Francisco
- 7 Other U.S. city
- 88 Don't Know
- 77 Refused to Answer

If the values of YS.2.0 and YS.2.1. result in any of these combinations: YS.2.0 and YS.2.1. 5 California and 3 Los Angeles County 5 California and 6 San Francisco 5 California and 7 Other U.S. City 5 California and 77 Refused 5 California and 88 Don't Know 14 Illinois and 1 Chicago 14 Illinois and 7 Other U.S. City 14 Illinois and 77 Refused 14 Illinois and 88 Don't Know 33 New York and 4 New York City 33 New York and 7 Other U.S. City 33 New York and 77 Refused 33 New York and 88 Don't Know 39 Pennsylvania and 5 Philadelphia 39 Pennsylvania and 7 Other U.S. City 39 Pennsylvania and 77 Refused 39 Pennsylvania and 88 Don't Know 45 Texas and 2 Houston 45 Texas and 7 Other U.S. City 45 Texas and 77 Refused 45 Texas and 88 Don't Know, Then combination is valid. Else read, "That city does not match with the state you selected. Please tell me the city again." Return to YS.2.1..

Topic: Age (YA)

DOB_13

Response:

YA.1.0. Please tell me the month and year of your date of birth.

- 8888 Don't Know
- 7777 Refused to Answer
- (Range: 01/1900-01/2050)

YA.1.0. cannot be later than IP.1.2.. If YA.1.0. > IP.1.2., then read, "Date cannot be later than interview date." Do not allow program to advance.

Calculation_AGESMPN8
_21

YA.1.1. Calculate the difference in years between Calculation_CLCSDT_21 and DOB_13, accounting for leap years. Since we do not gather day information for DOB_13, a day will need to be imputed: the last day of their birth month.

If YA.1.1. is < 18 years, then READ, "I am only interviewing people who were age 18 years or older on [INSERT IP.1.4.]. Thank you very much for your time." Allow program to move forward.

If YA.1.1. is < 18 years, then → E.O..

If YA.1.0. is 7 (refused to answer) or 8 (don't know), or if YA.1.1. is equal to 18 years, → YA.1.2..
Else, → Y.O.1..

AGEVER_8

Response:

YA.1.2. Were you at least 18 years old on [Calculation_CLCSDT_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If YA.1.2. is 0 (no), 7 (refused to answer), or 8 (don't know), then read, "I am only interviewing people who were 18 years or older on [IP.1.4.]. Thank you very much for your time." Allow program to move forward.

If YA.1.2. is 0 (no), 7 (refused to answer), or 8 (don't know), then → E.O..
Else, → Y.O.1..

Calculation_EN_ELGN5

Y.O.1. EN_ELGN5= Current time

Module: Basic demographics (D)**Topic: Education (DE)**

EDUC

Response: **DE.1.0.** What is the highest level of education you completed? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never attended school
- 2 Grades 1 through 8
- 3 Grades 9 through 11
- 4 Grade 12 or GED
- 5 Some college, associate's degree, or technical degree
- 6 Bachelor's degree
- 7 Any post-graduate studies
- 88 Don't Know
- 77 Refused to Answer

Topic: Race-ethnicity (DR)

HISPA_13

Response: **DR.1.0.** Do you consider yourself to be of Hispanic, Latino/a, or Spanish origin?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If DR.1.0. is 1 (yes), → DR.1.1..

Else, → DR.2.1..

HISN3A

Response:

Intro_HISN3A "Which of the following describes your Hispanic, Latino/a, or Spanish origin? You can choose more than one." [READ RESPONSES.]

DR.1.1. Mexican, Mexican American, or Chicano/a

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

HISN3B

Response: **DR.1.2.** Puerto Rican

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

HISN3C

Response: **DR.1.3.** Cuban

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

HISN3D

Response:

DR.1.4. Another Hispanic, Latino/a, or Spanish origin

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If DR.1.0. = 1 (Yes) and DR.1.1. = 0 (No) and DR.1.2. = 0 (No) and DR.1.3. = 0 (No) and DR.1.4. = 0 (No), then read, "Earlier you said that you considered yourself to be of Hispanic, Latino/a, or Spanish origin. I'll go back and read the choices again." Return to DR.1.0..

RACE_9A

Response:

Intro_RACE_9A "Which racial group or groups do you consider yourself to be in? You may choose more than one option." [READ RESPONSES.]

DR.2.1. American Indian or Alaska Native

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

RACE_9B

Response:

DR.2.2. Asian

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

RACE_9C

Response:

DR.2.3. Black or African American

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

RACE_9D

Response:

DR.2.4. Native Hawaiian or Other Pacific Islander

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

RACE_9E

Response:

DR.2.5. White

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If DR.2.1. = 0 (No), DR.2.2. = 0 (No), DR.2.3. = 0 (No), DR.2.4. = 0 (No), and DR.2.5. = 0 (No), then display, The respondent did not select any racial group. Please confirm responses. Allow the program to move forward.

Topic: Gender and sexual orientation (DG)

BIRTGEN

Response: **DG.1.0.** What was your sex at birth? [READ RESPONSES EXCEPT "Intersex/ambiguous." SELECT ONLY ONE.]

- 1 Male
- 2 Female
- 3 Intersex/ambiguous
- 8 Don't Know
- 7 Refused to Answer

GENDER

Response: **DG.2.0.** Do you consider yourself to be male, female, or transgender? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 Male
- 2 Female
- 3 Transgender
- 8 Don't Know
- 7 Refused to Answer

SEXOR_N5

Response: **DG.3.0.** Do you think of yourself as [READ RESPONSES. SELECT ONLY ONE.]:

- 1 Lesbian or gay
- 2 Straight, that is, not gay
- 3 Bisexual
- 4 Something else
- 8 Don't Know
- 7 Refused to Answer

Topic: Language ability (DL)

LANWL1N3

Response: **DL.1.0.** How well do you speak English? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Very well
- 2 Well
- 3 Not well
- 4 Not at all
- 8 Don't Know
- 7 Refused to Answer

LANWL2N3

Response: **DL.2.0.** Do you speak a language other than English at home?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If DL.2.0. is 0 (no), 7 (refused to answer), or 8 (don't know), then → DF.1.0..
 Else, → DL.2.1..

LANWL3N8

Response: **DL.2.1.** What is this language? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 Spanish
- 2 French
- 3 German
- 4 Haitian Creole
- 5 Amharic
- 6 Tagalog
- 7 Arabic
- 8 American Sign Language
- 9 Chinese
- 10 Italian
- 11 Other
- 88 Don't know
- 77 Refused to answer

If DL.2.1. is 11 (other), → DL.2.2..

Else → DF.1.0..

LANN3_OS

Response: **DL.2.2.** Specify language:**Topic: U.S. born (DF)**

COBORN_8

Response: **DF.1.0.** In what country or territory were you born? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 United States
- 2 Puerto Rico
- 3 Mexico
- 4 Haiti
- 5 Dominican Republic
- 6 Cuba
- 7 Other
- 88 Don't Know
- 77 Refused to Answer

OTCTRY

Response:

If DF.1.0. is 7 (other), → DF.1.1.. If DF.1.0. is 88 (don't know) or 77 (refused to answer), → DJ.1.0..

Else, → DJ.1.0..

DF.1.1. Specify other country:

Topic: Incarceration (DJ)

JAIL_N5

Response:

DJ.1.0. During the **past 12 months**, how many different times were you in jail, detention, or prison for longer than 24 hours?

888 Don't Know
777 Refused to Answer

(Range: 0-180)

If INTSE_21 = 1,3,4,5,6,7,8 and JAIL_N5 = 1, read the question as follows: How many days did you spend in jail, detention, or prison?

If IP.5.0. = 02 and DJ.1.0. = 0, then read, Interviewer: the interview setting is a prison or jail facility, but the respondent said s/he has not been incarcerated during the past 12 months. Please clarify. Return to DJ.1.0..

If DJ.1.0. is 0, 777 (refused to answer), or 888 (don't know), then → DH.1.1..

Else → DJ.1.1..

DYINCN5

Response:

DJ.1.1. The **last time** you were in jail, detention, or prison for longer than 24 hours, how many days did you spend in jail, detention, or prison?

8888 Don't Know
7777 Refused to Answer

(Range: 1-7776)

If INTSE_21 = 1, 3, 4, 5, 6, 7, 8 and JAIL_N5 = 1, read the question as follows: How many days did you spend in jail, detention, or prison?

If INTSE_21 = 02 (prison or jail facility), read the question as follows: How many days have you currently spent in jail, detention, or prison?

If IP.5.0. = 2, then → DH.1.1..

If DJ.1.1. is 8888 (don't know) or 7777 (refused to answer), → DJ.1.2.. Else → DJ.1.2..

DTINCN5

Response:

DJ.1.2. The **last time** you were in jail, detention, or prison for longer than 24 hours, what month and year were you released?

8888 Don't Know
7777 Refused to Answer

(Range: 01/1900-01/2050)

If JAIL_N5 = 1, read the question as follows: "What month and year were you released?"

DJ.1.2. cannot be earlier than IP.1.2. – 12 months. If DJ.1.2. is earlier than IP.1.2. – 12 months, then read, "The release date has to be within the past 12 months. Please re-enter date." Do not allow the program to advance. If date is exactly 12 months prior to IP.1.2., then message should not pop up. Allow program to advance.

DJ.1.2. cannot be later than IP.1.2.. If DJ.1.2. > IP.1.2., then read, "Date cannot be later than interview date." Do not allow program to advance.

Topic: Homeless (DH)

HOMEL_9A

Response:

Intro1_8_HOMEL_9A "Next I'll ask about the past 12 months. That is from last year [INSERT IP.1.2.-12 MONTHS] to today."

Intro2_6_HOMEL_9A "During the past 12 months, have you done any of the following:"

DH.1.1. ...lived on the street?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

HOMEL_9B

Response: **DH.1.2.** ...lived in a shelter?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

HOMEL_9C

Response: **DH.1.3.** ...lived in a Single Room Occupancy (SRO) hotel?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

HOMEL_9D

Response: **DH.1.4.** ...lived in a car?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DOUBLEN8

Response: **DH.2.0.** During the **past 12 months**, did you ever move in with other people even for a little while because of financial problems?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MOVESN8

Response: **DH.3.0.** How many times have you moved during the **past 12 months**?

- 888 Don't Know
 - 777 Refused to Answer
- (Range: 0-365)

EVICTN8

Response: **DH.4.0.** Have you been evicted at any time during the **past 12 months**?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Calculation_ENBSDMN5

D.0.a. ENBSDMN5 = Current time



Module: Disability (A)**Topic: Disability (AD)**

DISDEFN3

Response:

Intro_21_DISDEFN3 "Now, I'm going to ask about conditions you may or may not have."

AD.1.0. Are you deaf or do you have serious difficulty hearing?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DISBLNN3

Response: **AD.2.0.** Are you blind or do you have serious difficulty seeing, even when wearing glasses?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DISCONN3

Response: **AD.3.0.** Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DISWLKN3

Response: **AD.4.0.** Do you have serious difficulty walking or climbing stairs?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DISDRSN3

Response: **AD.5.0.** Do you have difficulty dressing or bathing?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DISERRN3

Response: **AD.6.0.** Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone such as visiting a doctor's office or shopping?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer



Module: Financial (F)**Topic: Employment (FE)**

WORK_N3

Response:

Intro_5_WORK_N3 “For the next question, please choose the answer that best describes your current employment status. Tell me after I’ve read all the choices.”

FE.1.0. Are you **currently**...? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Employed for wages
- 2 Self-employed
- 3 Out of work for more than 1 year
- 4 Out of work for less than 1 year
- 5 A homemaker
- 6 A student
- 7 Retired
- 8 Or unable to work
- 88 Don't Know
- 77 Refused to Answer

Topic: Income (FI)

INCOME_8_21

Response:

Intro_INCOME_8_21 “Now I’d like to ask you some questions about [INSERT I.5.0.]. That is from January 1st, [INSERT I.5.0.] to December 31st, [INSERT I.5.0.]. For this next question, we will use Response Card A as well as the calendar.”

FI.1.0. In [INSERT LASTYEAR], what was your combined monthly or yearly family income from all sources before taxes? When I say “combined family income,” I mean the total amount of money from all family members living in your household. Please tell me the letter that matches your income. [USE RESPONSE CARD.]

- 1 a. \$0 to \$916 per month or \$0 to \$10,999 per year
- 2 b. \$917 to \$1,083 per month or \$11,000 to \$12,999 per year
- 3 c. \$1,084 to \$1,249 per month or \$13,000 to \$14,999 per year
- 4 d. \$1,250 to \$1,416 per month or \$15,000 to \$16,999 per year
- 5 e. \$1,417 to \$1,666 per month or \$17,000 to \$19,999 per year
- 6 f. \$1,667 to \$2,083 per month or \$20,000 to \$24,999 per year
- 7 g. \$2,084 to \$2,499 per month or \$25,000 to \$29,999 per year
- 8 h. \$2,500 to \$3,333 per month or \$30,000 to \$39,999 per year
- 9 i. \$3,334 to \$4,166 per month or \$40,000 to \$49,999 per year
- 10 j. \$4,167 to \$6,249 per month or \$50,000 to \$74,999 per year
- 11 k. \$6,250 or more per month or \$75,000 or more per year
- 88 Don't Know
- 77 Refused to Answer

If FI.1.0. is 77 (refused to answer) or 88 (don’t know), → FS.1.0..

Else, → FI.2.0..

DEPND_IN

Response:

FI.2.0. Including you, how many people depended on this income in [INSERT LASTYEAR]?

- 88 Don't Know
- 77 Refused to Answer

(Range: 1–49)

If FI.2.0. is greater than 1, → FI.2.1.. Else, → FS.1.0..

DEPND_N3

Response:

FI.2.1. Of the people who depended on this income in [INSERT LASTYEAR], how many were less than 18 years old?

- 88 Don't Know
- 77 Refused to Answer

If FI.2.1. is greater than or equal to FI.2.0., read, "The number of people under 18 who depended on your income in [INSERT I.5.0.] must be less than the total number of people who depended on your income in [INSERT LAST YEAR]." Do not advance program.

Topic: Food security (FS)

FOOD3_N5

Response:

FS.1.0. During the **past 12 months**, were you ever hungry but didn't eat because there wasn't enough money for food?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Topic: Healthcare coverage (FH)

INSEMPN5_21

Response:

Intro_INSEMPN5_21 "I'd like to ask you about health insurance and healthcare coverage you had during the past 12 months. This is from [IP.1.2.-12 months] to today."

FH.1.1. Did you have health insurance through your employer or a family member's employer?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

INSMKTN5_21

Response:

FH.1.2. Did you purchase health insurance through Healthcare.gov or the Health Insurance Marketplace?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

INSCOMP21

Response:

FH.1.3. Did you purchase a health insurance plan directly from a health insurance company?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

KINDB_5

Response:

FH.1.4. Did you have Medicaid?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

KINDC_5 Response:

FH.1.5. Did you have Medicare?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

KINDD_5 Response:

FH.1.6. Did you have coverage through Ryan White HIV/AIDS Program or AIDS Drug Assistance Program, also called ADAP?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

KINDEN21 Response:

If IP.5.0. = 2 (prison or jail facility) and DJ.1.1. >= 365, → FH.1.8..
Else → FH.1.7..

FH.1.7. Did you have military-based healthcare coverage, such as TRICARE, CHAMPUS, CHAMPVA, or healthcare coverage through the Veterans Administration?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

KINDG_5 Response:

FH.1.8. Did you have city, county, state or other publicly funded insurance, not including Medicaid?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

KINDJ_5 Response:

FH.1.9. Did you have any other insurance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If FH.1.9. is 1 (yes), → FH.1.10..

If FH.1.9. is 0 (no), 7 (refused to answer) or 8 (don't know), → FH.1.10..

KINDOSN5 Response:

FH.1.10. Please tell me the other type of insurance that you had.

- 888 Don't Know
- 777 Refused to Answer

If FH.1.7. is Skipped, treat as 0 (no). If FH.1.1. through FH.1.9. = 0 (no), → FH.1.11..

Else, → FH.2.0..

KINDZN5_21

Response:

FH.1.11. So, during the **past 12 months**, you had no health insurance and no other coverage for any type of healthcare including help with payment for your medications. Is that correct?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If FH.1.11. = 0 (no), then return to

FH.1.1.. Ask this section again.

If FH.1.11. = 1 (yes), 7 (refused to answer), or 8 (don't know), → FH.3.0..

INS12_9_21

Response:

FH.2.0. During the **past 12 months**, was there a time that you didn't have any health insurance or healthcare coverage?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If FH.2.0. is 1 (yes), → FH.2.1. .

If FH.2.0. is 0 (no), 7 (refused to answer) or 8 (don't know), → FH.3.0..

INSMTHN5_21

Response:

FH.2.1. During the **past 12 months**, about how many months were you without health insurance or other healthcare coverage? If it is less than one month, round up to "1 month."

- 88 Don't Know
- 77 Refused to Answer

(Range: 1-12)

PAY_N5

Response:

FH.3.0. During the **past 12 months**, did you have problems paying or were you unable to pay any medical bills for your own care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

BILLS_N5

Response:

FH.4.0. Do you **currently** have any medical bills for your own care that are being paid off over time? This could include medical bills being paid off with a credit card, through personal loans, or bill paying arrangements with hospitals or other providers. The bills can be from earlier years as well as this year.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Module: General medical care (J)**Topic: Health and well-being (JW)**

GENHLTN8

Response:

INTRO_21_GENHLTHN8 "Now I'm going to ask about your health."

JW.1.0. In general, is your health [READ RESPONSES. SELECT ONLY ONE.]:

- 1 Poor
- 2 Fair
- 3 Good
- 4 Very good
- 5 Excellent
- 8 Don't know
- 7 Refused to answer

Topic: ER and hospitalizations (JH)

HOSPERN5

Response: **JH.1.0.** During the **past 12 months**, how many times have you gone to a hospital emergency room about your own health? This includes emergency room visits that resulted in a hospital admission.

- 888 Don't Know
 - 777 Refused to Answer
- (Range: 0–776)

HOSPONN5

Response: **JH.2.0.** During the **past 12 months**, were you a patient in a hospital overnight? Don't include an overnight stay in the emergency room.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If JH.2.0. = 0 (no), 7 (refused to answer), or 8 (don't know), then → JF.1.0..
 Else, → JH.2.1..

NUMONN5

Response: **JH.2.1.** During the **past 12 months**, how many different times did you stay in any hospital overnight or longer?

- 888 Don't Know
 - 777 Refused to Answer
- (Range: 1-365)

Topic: Influenza (JF)

VACFL_8

Response: **JF.1.0.** During the **past 12 months**, did you get a flu shot?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Topic: Health literacy (JL)

HLMF_12

Response:

Intro_8_HLMF_12 "For the next question, we'll use Response Card B."

JL.1.0. How confident are you filling out medical forms by yourself? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Extremely
- 2 Quite a bit
- 3 Somewhat
- 4 A little bit
- 5 Not at all
- 8 Don't Know
- 7 Refused to Answer

→ J.0.a..

Calculation_ENGNMDN5

J.0.a. ENGNMDN5 = Current time

Module: HIV care (K)**Topic: Diagnosis date (KD)**

IPERINN3

Response:

Intro_N21_IPERINN3 "Next, I'm going to ask some questions about HIV."

KD.1.0. Were you born with HIV?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If KD.1.0. is 1 (yes) and YA.1.0. is earlier than January 1977, read, "The date of birth provided is earlier than 1977, the date of the first persons born with HIV were documented. Confirm date of birth."

Allow program to move forward.

If KD.1.0. = 1, then → KE.1.0..

KD.1.0. = 0 (no), 8 (don't know) or 7 (refused to answer), → KD.2.0..

POS1S_9

Response: **KD.2.0.** What month and year did you **first** test positive for HIV? Tell me when you got your result, not when you got your test.

- 8888 Don't Know
- 7777 Refused to Answer
- (Range: 01/1900-01/2050)

If KD.2.0. is earlier than March 1985, confirm response. If KD.2.0. is earlier than 03/1985, read, "The date entered is earlier than 03/1985, the date of the first FDA-approved HIV test. Confirm date of HIV test." Program should move forward regardless of date.

KD.2.0. cannot be earlier than YA.1.0.. If KD.2.0. is earlier than YA.1.0., then read, "Date first tested positive cannot be earlier than date of birth."

KD.2.0. cannot be later than IP.1.2.. If KD.2.0. > IP.1.2., then read, "Date cannot be later than interview date." Do not allow program to advance.

Topic: Ever care (KE)

EVERCR_8

Response:

Intro_21_EVERCR_8 "Next, I'll ask about HIV care. By that, I mean routine care from a doctor, nurse, or other healthcare worker to treat HIV—not emergency care when you go to an urgent care center, emergency room, or stay in a hospital overnight."

KE.1.0. Since testing positive for HIV in __/____ [INSERT POS1S_9 (date first tested positive for HIV)], have you **ever** seen a doctor, nurse, or other healthcare worker for HIV care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If POS1S_9 has an unknown month value but a known year value, then read: "Since testing positive for HIV in [Insert year from POS1S_9], have you **ever** seen a doctor, nurse, or other healthcare worker for HIV care?" If POS1S_9 is 77/7777 (refused to answer), 88/8888 (don't know) or Skipped, then EVERCR_8 should read as follows: "Since testing positive for HIV, have you **ever** seen a doctor, nurse, or other healthcare worker for HIV care?"

If KE.1.0. = 0, then read "Are you sure that you have **never** received HIV care?" Allow the program to move forward.

If KD.1.0. = 1, then → KU.1.0..

Else, → KL.1.0..

Topic: Linkage to care (KL)

CARE1_8

Response:

If KD.2.0. < 5 years from

IP.1.2., → KL.1.0..

If KD.2.0. >= 5 years from IP.1.2. or if KD.2.0. is 88/8888 (don't know), 77/7777 (refused to answer), or skipped, → KU.1.0..

If KE.1.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → KL.2.0..

KL.1.0. Within 30 days after testing positive, did you see a doctor, nurse, or other healthcare worker for HIV care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

PREF1_8

Response:

Intro_PREF1_8 “Next I’ll ask whether you got help getting connected to HIV care from a professional. A professional could be someone like a doctor, nurse, social worker, patient navigator, or receptionist. If you don’t remember, it’s okay to answer ‘don’t know’.”

KL.2.0. Within 30 days after testing positive, did a professional ask if you needed help finding a place to go for HIV care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

PREF2N8

Response: **KL.3.0.** Within 30 days after testing positive, did a professional tell you where you could go for HIV care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

AREF4_8

Response: **KL.4.0.** Within 30 days after testing positive, did a professional help you figure out if you qualified for free or low-cost HIV care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

AREF1_8

Response: **KL.5.0.** Within 30 days after testing positive, did a professional make an appointment for you to receive HIV care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

AREF2_8 Response:

KL.6.0. Within 30 days after testing positive, did a professional arrange transportation for you to an HIV care appointment?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

AREF5N8 Response:

KL.7.0. Within 30 days after testing positive, did anyone contact you to remind you of your first HIV care appointment?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

AREF3_8 Response:

If KL.1.0. = 0 (no), 7 (refused), or 8 (don't know), then → KU.1.0..

If KE.1.0. = 0 (no), 7 (refused), or 8 (don't know), then → KU.1.0..

Else, → KL.8.0..

KL.8.0. Within 30 days after testing positive, did a professional go with you to your first HIV care appointment?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Topic: Care utilization (KU)

MSAPPT_8 Response:

If KE.1.0. = 1 (yes), → KU.1.0..

If KE.1.0. = 0 (no), 7 (refused to answer), or 8 (don't know), → KP.1.0..

KU.1.0. During the **past 12 months**, have you missed any scheduled appointments for HIV care that you didn't cancel? Don't include appointments that were cancelled by the clinic.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

LASCA_8

Response:

KU.2.0. What month and year was your **most recent** visit to a doctor, nurse, or other healthcare worker for HIV care?

- 8888 Don't Know
 - 7777 Refused to Answer
- (Range: 01/1900-01/2050)

KU.2.0. cannot be earlier than YA.1.0.. If KU.2.0. < YA.1.0., then read, "Date cannot be earlier than date of birth." Do not allow program to advance.

KU.2.0. cannot be earlier than KD.2.0.. If KU.2.0. < KD.2.0., then read, "Your most recent care visit cannot be earlier than your diagnosis date." Do not allow program to advance.

KU.2.0. cannot be later than IP.1.2.. If KU.2.0. > IP.1.2., then read, "Date cannot be later than interview date." Do not allow program to advance.

If KU.2.0. is 2 years or more before IP.1.2., then → KB.1.0..
Else, → KU.3.0..

USOCN5_8

Response:

KU.3.0. During the **past 2 years**, what is the name of the place you went for most of your HIV care?

NYMLTF_21

Response:

KU.4.0. During the **past 2 years**, have you seen a doctor, nurse, or other healthcare worker for HIV care at any facility besides [INSERT NAME OF PLACE YOU WENT FOR MOST OF YOUR CARE]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If KU.4.0. = 0 (no), 7 (refused to answer), or 8 (don't know), then → KS.1.0.. Else, → KU.4.1..

MLTFA2_8

Response:

KU.4.1. During the **past 2 years**, at how many total facilities have you received HIV care? Please include [INSERT NAME OF PLACE YOU WENT FOR MOST OF YOUR CARE] in the total.

- 888 Don't Know
 - 777 Refused to Answer
- (Range: 2-99)

Topic: Care satisfaction (KS)

GESAT_8

Response:

If KU.2.0. is > 12 months prior to the IP.1.2., then → KB.1.0..
Else, → KS.1.0..

KS.1.0. In general, how satisfied are you with the HIV care you received in the **past 12 months**? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Very satisfied
- 2 Somewhat satisfied
- 3 Somewhat dissatisfied
- 4 Very dissatisfied
- 8 Don't Know
- 7 Refused to Answer

Topic: Patient-provider relationship (KB)

HCPROVN8

Response: **KB.1.0.** Do you have a healthcare provider such as a doctor or nurse whom you see for **most** of your HIV care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If KB.1.0. = 0 (no), 7 (refused to answer), or 8 (don't know), → KP.1.0..
 Else, → KB.2.0..

TRUS1N8

Response:

Intro_TRUS1N8 "I'm going to read you a few statements to better understand how you feel about that healthcare provider. We'll use Response Card C."

KB.2.0. How often does your healthcare provider discuss options and choices with you before healthcare decisions are made? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS2N8

Response: **KB.3.0.** My healthcare provider is committed to providing the best care possible. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS3N8

Response: **KB.4.0.** My healthcare provider is sincerely interested in me as a person. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS4N8

Response: **KB.5.0.** My healthcare provider is an excellent listener. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS5N8

Response: **KB.6.0.** My healthcare provider accepts me for who I am. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS6N8

Response: **KB.7.0.** My healthcare provider tells me the complete truth about my health-related problems. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS7N8

Response: **KB.8.0.** My healthcare provider treats me as an individual. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS8N8

Response: **KB.9.0.** My healthcare provider makes me feel that I am worthy of his/her time and effort. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS9N8

Response:

KB.10.0. My healthcare provider takes the time to listen to me during each appointment. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS10N8

Response:

KB.11.0. I feel comfortable talking to my healthcare provider about my personal issues. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS11N8

Response:

KB.12.0. I feel better after seeing my healthcare provider. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS12N8

Response:

KB.13.0. How often do you think about changing to a new healthcare provider? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

TRUS13N8

Response:

KB.14.0. How often does your healthcare provider consider your need for privacy? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 None of the time
- 1 A little of the time
- 2 About half of the time
- 3 Most of the time
- 4 All of the time
- 8 Don't Know
- 7 Refused to Answer

Topic: Barriers and facilitators to care (KP)

BARRI1N8

Response:

Intro_21_BARRI1N8 "I want to ask you about things that either get in the way or help people get HIV care."

KP.1.0. During the **past 12 months**, have problems with money or health insurance made it difficult for you to get HIV care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

BARRI2N8

Response:

KP.2.0. During the **past 12 months**, has depression or mental health problems made it difficult for you to get HIV care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

BARRI3N8

Response:

KP.3.0. During the **past 12 months**, have you delayed getting HIV care because you felt well?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

BARRI4N8

Response:

KP.4.0. During the **past 12 months**, have you had trouble getting HIV care because a doctor's office or HIV clinic was hard to get to?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

BARRI5N8

Response:

KP.5.0. During the **past 12 months**, have you delayed getting HIV care because you were too busy with other personal things, such as family or work?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

BARRI6N21

Response: **KP.6.0.** During the **past 12 months**, have you delayed getting HIV care for some other reason?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If KP.6.0. = 1 (yes), then → KP.6.1.. If KP.6.0. = 0 (no), 7 (refused to answer) or 8 (don't know), → KP.7.0. .

BARRI6N21OS

Response: **KP.6.1.** What is this reason?

- 888 Don't know
- 777 Refused to Answer

FACCI1N8

Response: **KP.7.0.** During the **past 12 months**, was there a doctor's office or HIV clinic that was easy for you to get to?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer



Module: HIV treatment and adherence (T)**Topic: Ever ART (TE)**

EART_N5

Response:

If KE.1.0. is 1 (yes), → TE.1.0.. Else if KE.1.0. is 0 (No) or 8 (Don't Know) or 7 (Refused to Answer), → T.0.a..

Intro_21_EART_N5 “Now I’m going to ask about medicines that you may be taking for HIV. These HIV medicines are also known as antiretroviral medicines or ART. The questions are about HIV medicines taken after you tested positive for HIV.”

TE.1.0. Have you **ever** taken any HIV medicines?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If TE.1.0. is 1 (yes), → Skip_N21_FART_N5. If TE.1.0. is 7 (refused to answer) or 8 (don't know), → T.0.a.. Else if TE.1.0. is 0 (No) go TE.1.1..

NART1_N5

Response:

Intro_8_NART1_N5 “I’m going to read you a list of reasons why some people have not taken HIV medicines after testing positive for HIV. For each reason, please tell me 'yes' or 'no' if it applies to your situation.”

TE.1.1. No healthcare provider has **ever** talked to you about taking HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If TE.1.1. = 1 (yes) then → TE.1.3..
Else, → TE.1.2..

NART2_N5

Response:

TE.1.2. Your doctor said you should not start taking HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

NART3_N5

Response:

TE.1.3. You have problems paying for or getting insurance or coverage for HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

NART4_N5

Response:

TE.1.4. You decided not to take HIV medicines because you don't think you need them.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

NART5_N5

Response: **TE.1.5.** You decided not to take HIV medicines because you think they would make you feel sick or harm you.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

→ T.O.a..

FART_N5

Response:

If KD.2.0. is greater than 5 years from IP.1.2., → TC.1.0.. If KD.2.0. is 7777 (refused to answer) Or 8888 (don't know) or missing, then → TC.1.0.. If KD.1.0. = 1, then → TC.1.0.. Else If POS1S_9M is missing and (POS1S_9Y = 5 years from IP.1.2. or POS1S_9Y is less than 5 years from IP.1.2.) → TE.2.0.. If KD.2.0. = 5 years from IP.1.2. or KD.2.0. is less than 5 years from IP.1.2. → TE.2.0..

TE.2.0. When was the first time you **ever** took any HIV medicines? Please tell me the month and year.

- 8888 Don't Know
 - 7777 Refused to Answer
- (Range: 01/1900-01/2050)

TE.2.0. cannot be earlier than KD.2.0.. If TE.2.0. was before KD.2.0., then read, "The date first took HIV medications cannot be earlier than the HIV diagnosis date. Please re-enter date." Do not allow the program to advance.

TE.2.0. cannot be earlier than YA.1.0.. If TE.2.0. was before YA.1.0., then read, "The date first took HIV medications cannot be earlier than the date of birth. Please re-enter date." Do not allow the program to advance.

TE.2.0. cannot be later than IP.1.2.. If TE.2.0. > IP.1.2., then read, "Date cannot be later than interview date." Do not allow program to advance.

Topic: Current ART (TC)

CART_N5

Response: **TC.1.0.** Are you **currently** taking any HIV medicines?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If TC.1.0. is 1 (yes), → TA.1.0..

If TC.1.0. is 0 (no), 7 (refused to answer) or 8 (don't know), → TC.2.0..

ATMD12_9

Response: **TC.2.0.** During the **past 12 months**, have you taken HIV medicines?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If TC.1.0. is 1 (yes), 7 (refused to answer) or 8 (don't know), then → TA.5.0..

If TC.1.0. is 0 (no), → TC.2.1..

CART1_N5

Response:

Intro_8_CART1_N5 “I’m going to read you a list of reasons why some people are not currently taking HIV medicines. For each reason, please tell me 'yes' or 'no' if it applies to your situation.”

TC.2.1. No healthcare provider has talked to you about restarting HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If TC.2.1. = 1 (yes) then → TC.2.3..

Else, → TC.2.2..

CART2_N5

Response:

TC.2.2. Your doctor said you should not take HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

CART3_N5

Response:

TC.2.3. You have problems paying for or getting insurance or coverage for HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

CART4_N5

Response:

TC.2.4. You decided not to take HIV medicines because you don’t think you need them.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

CART5_N5

Response:

TC.2.5. You decided not to take HIV medicines because you think they would make you feel sick or harm you.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

→ TA.5.0..

Topic: Adherence (TA)

ADH1_N5

Response:

Intro_8_ADH1_N5 “Now I am going to ask you about the HIV medicines you are currently taking. We realize it can be hard for people to take all their medications exactly as they are supposed to. I’m going to ask you about the past 30 days. That is from [INSERT IP.1.2. (interview date) - 30 DAYS] to today. If you have been taking HIV medicines for less than 30 days, please think about the time since you started taking them.” [SHOW RESPONDENT CALENDAR]

TA.1.0. In the **past 30 days**, on how many days did you miss at least one dose of any of your HIV medicines?

- 88 Don't Know
- 77 Refused to Answer

(Range: 0–30)

ADH2_N5

Response:

TA.1.1. In the **past 30 days**, how good a job did you do at taking your HIV medicines in the way you were supposed to? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Very poor
- 2 Poor
- 3 Fair
- 4 Good
- 5 Very good
- 6 Excellent
- 8 Don't Know
- 7 Refused to Answer

ADH3_N5

Response:

TA.1.2. During the **past 30 days**, how often did you take your HIV medicines in the way you were supposed to? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Usually
- 5 Almost always
- 6 Always
- 8 Don't Know
- 7 Refused to Answer

TRBL_EFT

Response:

TA.2.0. For the next question we will use Response Card D. During the **past 30 days**, how often were you troubled by side effects from any of your HIV medicines? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Never
- 2 Rarely
- 3 About half of the time
- 4 Most of the time
- 5 Always
- 8 Don't Know
- 7 Refused to Answer

OFT_N5

Response:

TA.3.0. How often are you supposed to take your HIV medicines? If you take more than one pill at the same time, count this as one time. [READ RESPONSES. SELECT ONLY ONE.]

- 1 Three times or more a day
- 2 Twice a day
- 3 Once a day
- 4 Less often than once a day-for example, every other day or weekly
- 8 Don't Know
- 7 Refused to Answer

If TA.1.0. >=1 → TA.4.0.. Else if TA.1.0. = 0 or 88 (Don't Know) or 77 (Refused to Answer) → TA.5.0..

MIS1N5_8

Response:

Intro_MIS1N5_8 "The last time you missed taking your HIV medicines, which of the following were reasons you missed? Please answer 'yes' or 'no' to each reason."

TA.4.0. You had a problem paying for your HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MIS2_N5

Response:

TA.4.1. You were in the hospital or too sick to take your HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MIS3_N5

Response:

TA.4.2. You fell asleep early or overslept.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MIS4_N5

Response:

TA.4.3. You had a change in your daily routine or were out of town.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MIS5_N5

Response:

TA.4.4. You had side effects from your HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MIS6_N5

Response:

TA.4.5. You felt depressed or overwhelmed.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MIS7_N5

Response:

TA.4.6. You were drinking or using drugs.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MIS8_N5

Response: **TA.4.7.** You forgot to take your HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MIS9_N5

Response: **TA.4.8.** You did not feel like taking your HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MIS10_N8

Response: **TA.4.9.** You had a problem getting a prescription or a refill for your HIV medicines.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DASK_N5

Response:

If TC.1.0. is 1 (yes) or if TC.2.0. is 1 (yes), → TA.5.0..

Else if TC.1.0. is 0 (No) or 8 (Don't Know) or 7 (Refused to Answer) or if TC.2.0. is 0 (No) or 8 (Don't Know) or 7 (Refused to Answer), → T.0.a..

TA.5.0. During the **past 12 months**, did your doctor or other clinic staff ask you whether you missed taking any doses of your HIV medicines?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

PROB_N5

Response: **TA.6.0.** During the **past 12 months**, did your doctor or other clinic staff ask you whether you had problems taking your HIV medicines?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Module: Sexual behavior (S)**Topic: Total sex partners (ST)**

Calculation_SX_GEN

- ST.1.0.** If GENDER=Male and BIRTGEN=Male, then SX_GEN=1 (Male).
 If GENDER=Female and BIRTGEN=Female, then SX_GEN=2 (Female).
 If (GENDER=Male and BIRTGEN=Female) or (GENDER=Female and BIRTGEN=Male) or
 (GENDER=Transgender and [BIRTGEN=1 (Male), 2 (Female), 7 (refused to answer), or 8 (don't know)]),
 then SX_GEN=3 (Transgender).
 If BIRTGEN=intersex, then SX_GEN=4 (Indeterminate).
 If ([GENDER=7 (refused to answer) or 8 (don't know)] and [BIRTGEN = 1 (Male), 2 (Female), 7 (refused
 to answer), or 8 (don't know)]), then SX_GEN=4 (Indeterminate).
 If BIRTGEN=7 (refused to answer) or 8 (don't know), and GENDER is 1 (male), 2 (female), 7 (refused to
 answer), or 8 (don't know), then SX_GEN=4 (Indeterminate).

- 1 Male
- 2 Female
- 3 Transgender
- 4 Indeterminate

If ST.1.0. = 3, → Intro2_N21_SX_TFPN4. Else, → Intro1_N21_SX_TFPN4.

SX_TFPN4

Response:

Intro1_N21_SX_TFPN4 "Next I'm going to ask you about sex. When I say sex, I mean vaginal or anal sex. Vaginal sex means penis in the vagina and anal sex means penis in the anus. When answering, don't include people you only had oral sex with. The number of people could range anywhere from 0 to over a hundred. Remember that your answers will be private."

All responses → ST.2.0..

Intro2_N21_SX_TFPN4 "Next I'm going to ask you about sex. When I say sex, I mean vaginal or anal sex. Vaginal sex means penis in the vagina, neovagina, or front hole. Anal sex means penis in the anus, butt, or back hole. When answering, don't include people you only had oral sex with. The number of people could range anywhere from 0 to over a hundred. Remember that your answers will be private."

If ST.1.0.=2 (Female), → ST.3.0..

Else, → ST.2.0..

- ST.2.0.** During the **past 12 months**, how many females have you had sex with?

- 8888 Don't Know
 - 7777 Refused to Answer
- (Range: 0-999)

SX_TMPN4

Response:

- ST.3.0.** During the **past 12 months**, how many males have you had sex with?

- 8888 Don't Know
 - 7777 Refused to Answer
- (Range: 0-999)

SX_TTPN4

Response:

- ST.4.0.** During the **past 12 months**, how many transgender persons have you had sex with?

- 8888 Don't Know
 - 7777 Refused to Answer
- (Range: 0-999)

Calculation_SX_TOTN4

ST.5.0. Create a calculated variable where the sum of SX_TFPN4 + SX_TMPN4 + SX_TTPN4 = SX_TOTN4 (total number of sex partners).

If the response to SX_TFPN4 (number of female partners), SX_TMPN4 (number of male partners), and SX_TTPN4 (number of transgender partners) is 7 (refused to answer) or 8 (don't know), then calculate the response as "0." EXAMPLE: if SX_TFPN4 = 8 (don't know) AND SX_TMPN4 = 8 (don't know), AND SX_TTPN4 = 7 (refused to answer), THEN SX_TOTN4 = 0.

If any of the values are Skipped (.S), then do not include the value in the calculation. EXAMPLE: if SX_TFPN4 = 2 AND SX_TMPN4 = 8 (don't know), AND SX_TTPN4 = Skipped, then SX_TOTN4 (total number of sex partners) = 2.

Calculation_SXFMONN4

ST.6.0. Female only partners: create a calculated variable SXFMONN4 (female only partners) if SX_TMPN4 (number of male partners) = 0, 8 (don't know), or 7 (refused to answer) AND SX_TTPN4 (number of transgender partners) = 0, 8 (don't know), or 7 (refused to answer) AND SX_TFPN4 (number of female partners) >= 1, then SXFMONN4 (female only partners) = 1; else SXFMONN4 = 0.

Calculation_SXMLONN4

ST.7.0. Male only partners: create a calculated variable SXMLONN4 (male only partners) if SX_TFPN4 (number of female partners) = 0, 8 (don't know), or 7 (refused to answer) or .S (skipped) AND SX_TTPN4 (number of transgender partners) = 0, 8 (don't know), or 7 (refused to answer) AND SX_TMPN4 (number of male partners) >= 1, then SXMLONN4 (male only partners) = 1; else SXMLONN4 = 0.

Calculation_SXTGONN4

ST.8.0. Transgender only partners: create a calculated variable SXTGONN4 (transgender only partners) if SX_TFPN4 (number of female partners) = 0, 8 (don't know), or 7 (refused to answer) AND SX_TMPN4 (number of male partners) = 0, 8 (don't know), or 7 (refused to answer) AND SX_TTPN4 (number of transgender partners) >= 1, then SXTGONN4 (transgender only partners) = 1; else SXTGONN4 = 0.

SXTOVRN4

Response:

ST.9.0. So, the total number of people you had vaginal or anal sex with during the **past 12 months** was [INSERT SX_TOTN4]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SX_TOTN4 = 1, then display the text as follows: "So, you only had vaginal or anal sex with one person during the **past 12 months**?"

If ST.9.0. = 0 (no) or 8 (don't know), then read "Let me go back and reread the questions." Return to ST.2.0..

If ST.9.0. = 7 (refused to answer), → S.0.a..

No vaginal or anal sex partners: If ST.2.0., ST.3.0., and ST.4.0. are all some combination of 0, 7 (refused to answer), or 8 (don't know), then → S.0.a.. Else, → SN.1.0..

Topic: Names of partners (SN)

SX_NM1N4_21

Response:

If ST.5.0. = 1, → SN.1.0.. If ST.5.0. = 2-5, → Intro2_21_SXNM1N4_21. If ST.5.0. > 5, → SN.1.0..

Intro1_21_SX_NM1N4_21 "The next questions are about the person you had sex with during the past 12 months. I'll need a way to refer to this person. You may refer to them in any way you want—initials, nickname, or where you met. However, please don't provide a last name or any other identifying information."
→ SN.1.0..

Intro2_21_SX_NM1N4_21 "The next questions are about the [ST.5.0.: if 2, 3, 4, or 5] people you had sex with during the past 12 months. Please answer to the best of your knowledge, but it's okay to tell me you don't know. I'll need a way to refer to each person. You may refer to them in any way you want—initials, nickname, or where you met. However, please don't provide a last name or any other identifying information."
→ SN.1.0..

Intro3_21_SX_NM1N4_21 "The next questions are about the 5 people you recently had sex with during the past 12 months. Please answer to the best of your knowledge, but it's okay to tell me you don't know. I'll need a way to refer to each person. You may refer to them in any way you want—initials, nickname, or where you met. However, please don't provide a last name or any other identifying information."
→ SN.1.0..

SN.1.0. What should we call the last person you had sex with during the **past 12 months**?

77 Refused to Answer

(Range: Character limit = 50)

If SX_TOTN4 is 1, then display the text as follows: What should we call the person you had sex with during the **past 12 months**?

If SN.1.0. is 7 (refused to answer), then read the message, Interviewer: remind the respondent that they can provide initials, nicknames, or another name to identify the partner. Allow program to move forward.

If ST.5.0. = 1 and SN.1.0. is 7 (refused to answer), → S.0.a.. If ST.5.0. is > 1, → SN.1.1.. If ST.5.0. is 1, → Intro_N21_SXPGN1N4.

SX_NM2N4_21

Response:

SN.1.1. What should we call the 2nd person you had sex with during the **past 12 months**?

77 Refused to Answer

(Range: Character limit = 50)

If SN.1.1. is 7 (refused to answer), read, Interviewer: remind the respondent that they can provide initials, nicknames, or another name to identify the partner. Allow program to move forward.

If SN.1.0. and SN.1.1. are identical, then read, "You gave me the same name for another partner. Can you please give me another name?" The program should return to SN.1.1..

If ST.5.0. = 2 and SN.1.0. and SN.1.1. are 7 (refused to answer), → S.0.a.. If ST.5.0. > 2, → SN.1.2.. Else, → SP.1.0..

SX_NM3N4_21

Response:

SN.1.2. What should we call the 3rd person you had sex with during the **past 12 months**?

77 Refused to Answer

(Range: Character limit = 50)

If SN.1.2. is 7 (refused to answer), read, Interviewer: remind the respondent that they can provide initials, nicknames, or another name to identify the partner. Allow program to move forward.

If either SN.1.0., SN.1.1., or SN.1.2. are identical, then read, "You gave me the same name for another partner. Can you please give me another name?" The program should return to SN.1.2..

If ST.5.0. = 3 and SN.1.0., SN.1.1. and SN.1.2. are 7 (refused to answer), → S.0.a.. If ST.5.0. > 3, → SN.1.3.. Else → SP.1.0..

SX_NM4N4_21

Response: **SN.1.3.** What should we call the 4th person you had sex with during the **past 12 months?**

77 Refused to Answer

(Range: Character limit = 50)

If SN.1.3. is 7 (refused to answer), read, Interviewer: remind the respondent that they can provide initials, nicknames, or another name to identify the partner. Allow program to move forward.

If either SN.1.0., SN.1.1., SN.1.2., or SN.1.3. are identical, then read, "You gave me the same name for another partner. Can you please give me another name?" The program should return to SN.1.3..

If ST.5.0. = 4 and SN.1.0., SN.1.1., SN.1.2. and SN.1.3. are 7 (refused to answer), → S.0.a.. If ST.5.0. > 4, → SN.1.4.. Else, → SP.1.0..

SX_NM5N4_21

Response: **SN.1.4.** What should we call the 5th person you had sex with in the **past 12 months?**

77 Refused to Answer

(Range: Character limit = 50)

If SN.1.4. is 7 (refused to answer), read, Interviewer: remind the respondent that they can provide initials, nicknames, or another name to identify the partner. Allow program to move forward.

If either SN.1.0., SN.1.1., SN.1.2., SN.1.3. or SN.1.4. are identical, then read, "You gave me the same name for another partner. Can you please give me another name?" The program should return to SN.1.4..

If ST.5.0. = 5 and SN.1.0., SN.1.1., SN.1.2., SN.1.3., SN.1.4. are all 7 (refused to answer), → S.0.a.. If ST.5.0. > 5 and SN.1.0., SN.1.1., SN.1.2., SN.1.3., and SN.1.4. are all 7 (refused to answer), then → SA.1.0.. Else, → SP.1.0..

Topic: Partner demographics #1 (SP)

SXPGN1N4

Response:

If SN.1.0. = 7 (refused to answer), → SR.1.0.. Else, → Intro_N21_SXPGN1N4 (partner gender- partner 1).

Intro_N21_SXPGN1N4 "Now I'm going to ask you about [INSERT SN.1.0]."

Skip partner gender questions if the respondent had sex with only one gender:

If ST.8.0. = 1, or ST.6.0. = 1 or ST.7.0. = 1,

→ SP.2.0..

Else, → SP.1.0..

SP.1.0. Is [INSERT SX_NM1N4_21] male, female, or transgender? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Male
- 2 Female
- 3 Transgender
- 8 Don't Know
- 7 Refused to Answer

If ST.1.0. = 2 (female) and SP.1.0. = female (2), read, "Only include people with whom you had vaginal or anal sex. Remember, for these questions, vaginal sex means penis in the vagina and anal sex means penis in the anus." Interviewer instructions: Return to previous question if necessary. Allow survey to move forward.

SXPEN1N4

Response:

SP.2.0. Is [INSERT SX_NM1N4_21] Hispanic, Latino/a, or of Spanish origin? If you're not sure, give me your best guess.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXPEN1N4

Response:

SP.3.0. Which of the following racial group or groups best describes [INSERT SX_NM1N4_21]? Select all that apply. If you're not sure, give me your best guess. [READ RESPONSES. SELECT ALL THAT APPLY.]

SXPEN1N4A

Response:

SP.3.0. American Indian or Alaskan Native

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXPEN1N4B

Response:

SP.3.0. Asian

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXPEN1N4C

Response:

SP.3.0. Black or African American

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXPEN1N4D

Response:

SP.3.0. Native Hawaiian or Other Pacific Islander

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXPEN1N4E

Response:

SP.3.0. White

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Topic: Vaginal sex #1 (SV)

SX_VS1N4

Response: Transgender/unknown gender respondent:

If ST.1.0. = 3 (transgender) or 4 (indeterminate), then → SG.1.0..

Transgender/unknown gender partner:

If ST.8.0. = 1

or SP.1.0. = 3 (transgender), 7 (refused to answer), or

8 (don't know), then →

SG.1.0..

Male-male partners:

If ST.1.0. = 1 (male) and

ST.7.0. = 1 or if ST.1.0. = 1 (male) and SP.1.0. = 1 (male), then → SL.1.0..

Female-female partners:

If ST.1.0. = 2 (female) and

SP.1.0. = 2 (female),

→ SR.1.0..

Else, → SV.1.0..

SV.1.0. During the **past 12 months**, did you have vaginal sex with [INSERT SX_NM1N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SV.1.0. = 0 (no), 7 (refused), or 8 (don't know),

→ SL.1.0..

Else if SV.1.0. = 1 (yes), → SV.1.1..

SXVC1BN4_21

Response:

Intro_21_SXVC1BN4_21 “The next question is about condom use. Please include when a condom was used the entire time, not only part of the time during sex.”

SV.1.1. During the **past 12 months** when you had vaginal sex, how often did you or [INSERT SX_NM1N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

Topic: Anal sex #1 (SL)

SXANL1N4

Response: **SL.1.0.** During the **past 12 months**, did you have anal sex with [INSERT SX_NM1N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

No anal sex partners reported among male respondents who previously said they had only male partners: If ST.1.0. = 1 (male) and if SP.1.0. = 1 (male) or ST.7.0. =1 and SL.1.0. = 0 (no), then read "Earlier you told me that you had anal sex with [INSERT SN.1.0.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

No vaginal or anal sex reported among males with female partners: If ST.1.0. = 1 (male) and SP.1.0. = 2 (female) or ST.6.0. = 1 and SV.1.0. = 0 (no) and SL.1.0. = 0 (no), then read "Earlier you told me that you had vaginal or anal sex with [INSERT SN.1.0.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

No vaginal or anal sex reported among females with male partners: If ST.1.0. = 2 (female) and SP.1.0. = 1 (male) or ST.7.0. =1 and SV.1.0. = 0 (no) and SL.1.0. = 0 (no), then read "Earlier you told me that you had vaginal or anal sex with [INSERT SN.1.0.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

If SL.1.0. = 1 (yes), → SL.1.1.. If SL.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SS.1.0..

SXAC1BN4_21

Response:

Intro_21_SXAC1BN4_21 "The next question is about condom use. Please include when a condom was used the entire time, not only part of the time."

SL.1.1. During the **past 12 months** when you had anal sex, how often did you or [INSERT SX_NM1N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

For all responses, → SS.1.0..

Topic: Transgender and unknown gender sex #1 (SG)

SX_TG1N4

Response: **SG.1.0.** During the **past 12 months**, did you have vaginal or anal sex with [INSERT SX_NM1N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SG.1.0. is 0 (no), then read, "Earlier you told me that you had vaginal or anal sex with [Insert SN.1.0.]. Is this correct?" Interviewer instructions: return to previous questions to correct error. Allow program to move forward.

If SG.1.0. = 1 (yes), → SG.1.1.. If SG.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SS.1.0..

TGC1BN4_21

Response:

Intro_21_TGC1BN4_21 "The next question is about condom use. Please include times when a condom was used the entire time, not only part of the time during sex."

SG.1.1. During the **past 12 months** when you had vaginal or anal sex, how often did you or [INSERT SX_NM1N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't know
- 7 Refused to Answer

Topic: Status #1 (SS)

STPRT1N4

Response:

SS.1.0. Do you know [INSERT SX_NM1N4_21]'s HIV status?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SS.1.0. = 1 (yes), → SS.1.1.. Else, if ST.5.0. = 1 and SS.1.0. = 0 (no), 7 (refused) or 8 (don't know), → S.0.a.. Else, if ST.5.0. >1 and SS.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SP.1.0..

PRTST1N4

Response:

SS.1.1. During the **past 12 months**, what was [INSERT SX_NM1N4_21]'s HIV status the first time that you had sex? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 HIV Positive
- 2 HIV Negative
- 8 Don't Know
- 7 Refused to Answer

If SS.1.1. = 2 (HIV Negative), → SR.1.0.. Else, if ST.5.0. = 1 and SS.1.1. = 1 (HIV Positive), 7 (refused) or 8 (don't know), → S.0.a.. If ST.5.0. >1 and SS.1.1. = 1 (HIV positive), 7 (refused) or 8 (don't know), → SP.1.0..

Topic: Pre-exposure prophylaxis #1 (SR)

PREP1N4_21

Response:

Intro_PREP1N4_21 "Sometimes people who are HIV negative take antiretroviral medicine to prevent them from getting HIV. This is called PrEP."

SR.1.0. Was [INSERT SX_NM1N4_21] taking PrEP when you **last** had sex? If you aren't sure, that's okay.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ST.5.0. = 1, → S.0.a.. If ST.5.0. >=2, → SP.1.0..

Topic: Partner demographics #2 (SP)

SXPGN2N4

Response:

If SN.1.1. = 7 (Refused to answer), → SR.1.0.. Else, → Intro_N21_SXPGN2N4 (partner gender-partner 2).

Intro_N21_SXPGN2N4 “Now I’m going to ask you about [INSERT SN.1.1.]”

Skip partner gender questions if the respondent had sex with only one gender:

If ST.8.0. = 1 or ST.6.0. = 1

or ST.7.0. = 1, then → SP.2.0..

Else, → SP.1.0..

SP.1.0. Is [INSERT SX_NM2N4_21] male, female, or transgender? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Male
- 2 Female
- 3 Transgender
- 8 Don't Know
- 7 Refused to Answer

If SEX_GEN = 2 (female) and SP.1.0. = female (2), read, “Only include people with whom you had vaginal or anal sex. Remember, for these questions, vaginal sex means penis in the vagina and anal sex means penis in the anus”. Interviewer instructions: Return to previous question if necessary. Allow survey to move forward.

SXPEN2N4

Response:

SP.2.0. Is [INSERT SX_NM2N4_21] Hispanic, Latino/a, or of Spanish origin? If you’re not sure, give me your best guess.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXP2N4

Response:

SP.3.0. Which of the following racial group or groups best describes [INSERT SX_NM2N4_21]? Select all that apply. If you're not sure, give me your best guess. [READ RESPONSES. SELECT ALL THAT APPLY.]

SXP2N4A

Response:

SP.3.0. American Indian or Alaskan Native

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXP2N4B

Response:

SP.3.0. Asian

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXP2N4C

Response:

- SP.3.0.** Black or African American
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

SXP2N4D

Response:

- SP.3.0.** Native Hawaiian or Other Pacific Islander
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

SXP2N4E

Response:

- SP.3.0.** White
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

Topic: Vaginal sex #2 (SV)

SX_VS2N4

Response:

Transgender/unknown gender respondent:

If ST.1.0. = 3 (transgender) or 4 (indeterminate), then → SG.1.0..

Transgender/unknown gender partner:

If ST.8.0. = 1 or SP.1.0. = 3 (transgender), 7 (refused to answer), or 8 (don't know), then → SG.1.0..

Male-male partners:

If ST.1.0. = 1 (male) and ST.7.0. = 1 or if ST.1.0. = 1 (male) and SP.1.0. = 1 (male), then → SL.1.0..

Female-female partners:

If ST.1.0. = 2 (female) and SP.1.0. = 2 (female), → SR.1.0..

Else → SV.1.0..

- SV.1.0.** During the **past 12 months**, did you have vaginal sex with [INSERT SX_NM2N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SV.1.0. = 0 (no), 7 (refused), or 8 (don't know), → SL.1.0.. Else, → SV.1.1..

SXVC2BN4_21

Response:

- SV.1.1.** During the **past 12 months** when you had vaginal sex, how often did you or [INSERT SX_NM2N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

Topic: Anal sex #2 (SL)

SXANL2N4

Response: **SL.1.0.** During the **past 12 months**, did you have anal sex with [INSERT SX_NM2N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

No anal sex partners reported among male respondents who previously said they had only male partners: If ST.1.0. = 1 (male) and if SP.1.0. = 1 or ST.7.0. = 1 and SL.1.0. = 0 (no), then read "Earlier you told me that you had anal sex with [INSERT SN.1.1.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

No vaginal or anal sex reported among males with female partners: If ST.1.0. = 1 (male) and SP.1.0. = 2 (female) or ST.6.0. = 1 and SV.1.0. = 0 (no) and SL.1.0. = 0 (no), then read "Earlier you told me that you had vaginal or anal sex with [INSERT SN.1.1.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

No vaginal or anal sex reported among females with male partners: If ST.1.0. = 2 (female) and SP.1.0. = 1 (male) or ST.7.0. = 1 and SV.1.0. = 0 (no) and SL.1.0. = 0 (no), then read "Earlier you told me that you had vaginal or anal sex with [INSERT SN.1.1.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

If SL.1.0. = 1 (yes), → SL.1.1.. If SL.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SS.1.0..

SXAC2BN4_21

Response: **SL.1.1.** During the **past 12 months** when you had anal sex, how often did you or [INSERT SX_NM2N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

For all responses, → SS.1.0..

Topic: Transgender and unknown gender sex #2 (SG)

SX_TG2N4

Response: **SG.1.0.** During the **past 12 months**, did you have vaginal or anal sex with [INSERT SX_NM2N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SG.1.0. is 0 (no), then read, "Earlier you told me that you had vaginal or anal sex with [Insert SN.1.1.]. Is this correct?" Interviewer instructions: return to previous questions to correct error. Allow program to move forward.

If SG.1.0. = 1 (yes), → SG.1.1.. If SG.1.0. = 0 (no), 7 (refused), or 8 (don't know), → SS.1.0..

TGC2BN4_21

Response:

SG.1.1. During the **past 12 months** when you had vaginal or anal sex, how often did you or [INSERT SX_NM2N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

Topic: Status #2 (SS)

STPRT2N4

Response:

SS.1.0. Do you know [INSERT SX_NM2N4_21]'s HIV status?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SS.1.0. = 1 (yes), → SS.1.1.. Else, if ST.5.0. = 2 and SS.1.0. = 0 (no), 7 (refused) or 8 (don't know), → S.0.a.. Else, if ST.5.0. > 2 and SS.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SP.1.0..

PRTST2N4

Response:

SS.1.1. During the **past 12 months**, what was [INSERT SX_NM2N4_21]'s HIV status the first time that you had sex? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 HIV Positive
- 2 HIV Negative
- 8 Don't Know
- 7 Refused to Answer

If SS.1.1. = 2 (HIV Negative), → SR.1.0.. Else, if ST.5.0. = 2 and SS.1.1. = 1 (HIV positive), 7 (refused) or 8 (don't know), → S.0.a.. If ST.5.0. >2 and SS.1.1. = 1 (HIV positive), 7 (refused) or 8 (don't know), → SP.1.0..

Topic: Pre-exposure prophylaxis #2 (SR)

PREP2N4_21

Response:

If SS.1.1. = 2 (HIV negative) or SS.1.1. = 1 (HIV Positive), → SR.1.0..

Intro_PREP2N4_21 "Sometimes people who are HIV negative take antiretroviral medicine to prevent them from getting HIV. This is called PrEP."

SR.1.0. Was [INSERT SX_NM2N4_21] taking PrEP when you **last** had sex? If you aren't sure, that's okay.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ST.5.0. = 2, → S.0.a.. If ST.5.0. >2, → SP.1.0..

Topic: Partner demographics #3 (SP)

SXPGN3N4

Response:

If SN.1.2. = 7 (refused to answer), → SR.1.0.. Else, → Intro_N21_SXPGN3N4 (partner gender-partner 3).

Intro_N21_SXPGN3N4 “Now I’m going to ask you about [INSERT SN.1.2.]”

Skip partner gender questions if the respondent had sex with only one gender:

If ST.8.0. = 1, or ST.6.0. = 1 or

ST.7.0. = 1, then → SP.2.0..

Else, → SP.1.0..

SP.1.0. Is [INSERT SX_NM3N4_21] male, female, or transgender? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Male
- 2 Female
- 3 Transgender
- 8 Don't Know
- 7 Refused to Answer

If SEX_GEN = 2 (female) and SP.1.0. = female (2), read, “Only include people with whom you had vaginal or anal sex. Remember, for these questions, vaginal sex means penis in the vagina and anal sex means penis in the anus”. Interviewer instructions: Return to previous question if necessary. Allow survey to move forward.

SXPEN3N4

Response:

SP.2.0. Is [INSERT SX_NM3N4_21] Hispanic, Latino/a, or of Spanish origin? If you’re not sure, give me your best guess.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXPR3N4

Response:

SP.3.0. Which of the following racial group or groups best describes [INSERT SX_NM3N4_21]? Select all that apply. If you're not sure, give me your best guess. [READ RESPONSES. SELECT ALL THAT APPLY.]

SXPR3N4A

Response:

SP.3.0. American Indian or Alaskan Native

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXPR3N4B

Response:

SP.3.0. Asian

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXP3N4C

Response:

- SP.3.0.** Black or African American
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

SXP3N4D

Response:

- SP.3.0.** Native Hawaiian or Other Pacific Islander
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

SXP3N4E

Response:

- SP.3.0.** White
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

Topic: Vaginal sex #3 (SV)

SX_VS3N4

Response:

Transgender/unknown gender respondent:

If ST.1.0. = 3 (transgender) or 4 (indeterminate), then → SG.1.0..

Transgender/unknown gender partner:

If ST.8.0. = 1 or SP.1.0. = 3 (transgender), 7 (refused to answer), or 8 (don't know), then → SG.1.0..

Male-male partners:

If ST.1.0. = 1 (male) and ST.7.0. = 1

or if ST.1.0. = 1 (male) and SP.1.0. = 1 (male), then → SL.1.0..

Female-female partners:

If ST.1.0. = 2 (female) and

SP.1.0. = 2 (female), → SR.1.0..

Else → SV.1.0..

- SV.1.0.** During the **past 12 months**, did you have vaginal sex with [INSERT SX_NM3N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SV.1.0. = 0 (no), 7 (refused), or 8 (don't know), → SL.1.0.. Else if SV.1.0. = 1 (yes), → SV.1.1..

SXVC3BN4_21

Response:

- SV.1.1.** During the **past 12 months** when you had vaginal sex, how often did you or [INSERT SX_NM3N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

Topic: Anal sex #3 (SL)

SXANL3N4

Response: **SL.1.0.** During the **past 12 months**, did you have anal sex with [INSERT SX_NM3N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

No anal sex partners reported among male respondents who previously said they had only male partners: If ST.1.0. = 1 (male) and if SP.1.0. = 1 (male) or ST.7.0. =1 (yes) and SL.1.0. = 0 (no), then read "Earlier you told me that you had anal sex with [INSERT SN.1.2.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

No vaginal or anal sex reported among males with female partners: If ST.1.0. = 1 (male) and SP.1.0. = 2 (female) or ST.6.0. = 1 and SV.1.0. = 0 (no) and SL.1.0. = 0 (no), then read "Earlier you told me that you had vaginal or anal sex with [INSERT SN.1.2.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

No vaginal or anal sex reported among females with male partners: If ST.1.0. = 2 (female) and SP.1.0. = 1 (male) or ST.7.0. =1 and SV.1.0. = 0 (no) and SL.1.0. = 0 (no), then read "Earlier you told me that you had vaginal or anal sex with [INSERT SN.1.2.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

If SL.1.0. = 1 (yes), → SL.1.1.. If SL.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SS.1.0..

SXAC3BN4_21

Response: **SL.1.1.** During the **past 12 months** when you had anal sex, how often did you or [INSERT SX_NM3N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

For all responses, → SS.1.0..

Topic: Transgender and unknown gender sex #3 (SG)

SX_TG3N4

Response: **SG.1.0.** During the **past 12 months**, did you have vaginal or anal sex with [INSERT SX_NM3N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SG.1.0. is 0 (no), then read, "Earlier you told me that you had vaginal or anal sex with [Insert SN.1.2.]. Is this correct?" Interviewer instructions: return to previous questions to correct error. Allow program to move forward.

If SG.1.0. = 1 (yes), → SG.1.1.. If SG.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SS.1.0..

TGC3BN4_21

Response:

SG.1.1. During the **past 12 months** when you had vaginal or anal sex, how often did you or [INSERT SX_NM3N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

Topic: Status #3 (SS)

STPRT3N4

Response:

SS.1.0. Do you know [INSERT SX_NM3N4_21]'s HIV status?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SS.1.0. = 1 (yes), → SS.1.1.. Else, if ST.5.0. = 3 and SS.1.0. = 0 (no), 7 (refused) or 8 (don't know), → S.0.a.. Else, if ST.5.0. >3 and SS.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SP.1.0..

PRTST3N4

Response:

SS.1.1. During the **past 12 months**, what was [INSERT SX_NM3N4_21]'s HIV status the first time that you had sex? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 HIV Positive
- 2 HIV Negative
- 8 Don't Know
- 7 Refused to Answer

If SS.1.1. = 2 (HIV Negative), → SR.1.0.. Else, if ST.5.0. = 3 and SS.1.1.=1 (HIV Positive), 7 (refused) or 8 (don't know), → S.0.a.. If ST.5.0. >3 and SS.1.1.=1 (HIV Positive), 7 (refused) or 8 (don't know), → SP.1.0..

Topic: Pre-exposure prophylaxis #3 (SR)

PREP3N4_21

Response:

If SS.1.1. = 2 (HIV negative) or SS.1.1. = 2 (HIV negative), → SR.1.0.. Else, → SR.1.0..

Intro_PREP3N4_21 "Sometimes people who are HIV negative take antiretroviral medicine to prevent them from getting HIV. This is called PrEP."

SR.1.0. Was [INSERT SX_NM3N4_21] taking PrEP when you **last** had sex? If you aren't sure, that's okay.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ST.5.0. = 3, → S.0.a.. If ST.5.0. >3, → SP.1.0..

Topic: Partner demographics #4 (SP)

SXPGN4N4

Response:

If SN.1.3. = 7 (refused to answer), → SR.1.0.. Else, → Intro_N21_SXPGN4N4 (partner gender-partner 4).

Intro_N21_SXPGN4N4 “Now I’m going to ask you about [INSERT SN.1.3.]”

Skip partner gender questions if the respondent had sex with only one gender:

If ST.8.0. = 1, or ST.6.0. = 1 or

ST.7.0. = 1, then → SP.2.0..

Else, → SP.1.0..

SP.1.0. Is [INSERT SX_NM4N4_21] male, female, or transgender? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Male
- 2 Female
- 3 Transgender
- 8 Don't Know
- 7 Refused to Answer

If SEX_GEN = 2 (female) and SP.1.0. = 2 (female), read, “Only include people with whom you had vaginal or anal sex. Remember, for these questions, vaginal sex means penis in the vagina and anal sex means penis in the anus”. Interviewer instructions: Return to previous question if necessary. Allow survey to move forward.

SXPEN4N4

Response:

SP.2.0. Is [INSERT SX_NM4N4_21] Hispanic, Latino/a, or of Spanish origin? If you’re not sure, give me your best guess.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXPR4N4

Response:

SP.3.0. Which of the following racial group or groups best describes [INSERT SX_NM4N4_21]? Select all that apply. If you're not sure, give me your best guess. [READ RESPONSES. SELECT ALL THAT APPLY.]

SXPR4N4A

Response:

SP.3.0. American Indian or Alaskan Native

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXPR4N4B

Response:

SP.3.0. Asian

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXP4N4C

Response:

- SP.3.0.** Black or African American
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

SXP4N4D

Response:

- SP.3.0.** Native Hawaiian or Other Pacific Islander
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

SXP4N4E

Response:

- SP.3.0.** White
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

Topic: Vaginal sex #4 (SV)

SX_VS4N4

Response:

Transgender/unknown gender respondent:

If ST.1.0. = 3 (transgender) or 4 (indeterminate), then → SG.1.0..

Transgender/unknown gender partner:

If ST.8.0. = 1 or SP.1.0. = 3 (transgender), 7 (refused to answer), or 8 (don't know), then → SG.1.0..

Male-male partners:

If ST.1.0. = 1 (male) and ST.7.0. = 1 or if ST.1.0. = 1 (male) and SP.1.0. = 1 (male), then → SL.1.0..

Female-female partners:

If ST.1.0. = 2 (female) and SP.1.0. = 2 (female), → SR.1.0..

Else → SV.1.0..

- SV.1.0.** During the **past 12 months**, did you have vaginal sex with [INSERT SX_NM4N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SV.1.0. = 0 (no), 7 (refused), or 8 (don't know), → SL.1.0.. Else if SV.1.0.= 1 (yes), → SV.1.1..

SXVC4BN4_21

Response:

- SV.1.1.** During the **past 12 months** when you had vaginal sex, how often did you or [INSERT SX_NM4N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

Topic: Anal sex #4 (SL)

SXANL4N4

Response: **SL.1.0.** During the **past 12 months**, did you have anal sex with [INSERT SX_NM4N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

No anal sex partners reported among male respondents who previously said they had only male partners: If ST.1.0. = 1 (male) and if SP.1.0. = 1 or ST.7.0. =1 and SL.1.0. is 0 (no), then read "Earlier you told me that you had anal sex with [INSERT SN.1.3.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

No vaginal or anal sex reported among males with female partners: If ST.1.0. = 1 (male) and SP.1.0. = 2 (female) or ST.6.0. = 1 and SV.1.0. = 0 (no) and SL.1.0. = 0 (no), then read "Earlier you told me that you had vaginal or anal sex with [INSERT SN.1.3.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

No vaginal or anal sex reported among females with male partners: If ST.1.0. = 2 (female) and SP.1.0. = 1 (male) or ST.7.0. =1 and SV.1.0. = 0 (no) and SL.1.0. = 0 (no), then read "Earlier you told me that you had vaginal or anal sex with [INSERT SN.1.3.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

If SL.1.0. = 1 (yes), → SL.1.1.. If SL.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SS.1.0..

SXAC4BN4_21

Response: **SL.1.1.** During the **past 12 months** when you had anal sex, how often did you or [INSERT SX_NM4N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

For all responses, → SS.1.0..

Topic: Transgender and unknown gender sex #4 (SG)

SX_TG4N4

Response: **SG.1.0.** During the **past 12 months**, did you have vaginal or anal sex with [INSERT SX_NM4N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SG.1.0. is 0 (no), then read, "Earlier you told me that you had vaginal or anal sex with [Insert SN.1.3.]. Is this correct?" Interviewer instructions: return to previous questions to correct error. Allow program to move forward.

If SG.1.0. = 1 (yes), → SG.1.1.. If SG.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SS.1.0..

TGC4BN4_21

Response:

SG.1.1. During the **past 12 months** when you had vaginal or anal sex, how often did you or [INSERT SX_NM4N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

Topic: Status #4 (SS)

STPRT4N4

Response:

SS.1.0. Do you know [INSERT SX_NM4N4_21]'s HIV status?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SS.1.0. = 1 (yes), → SS.1.1.. Else, if ST.5.0. = 4 and SS.1.0.= 0 (no), 7 (refused) or 8 (don't know), → S.0.a.. Else, if ST.5.0. > 4 and SS.1.0.= 0 (no), 7 (refused) or 8 (don't know), → SP.1.0..

PRTST4N4

Response:

SS.1.1. During the **past 12 months**, what was [INSERT SX_NM4N4_21]'s HIV status the first time that you had sex? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 HIV Positive
- 2 HIV Negative
- 8 Don't Know
- 7 Refused to Answer

If SS.1.1. = 2 (HIV Negative), → SR.1.0.. Else, if ST.5.0. = 4 and SS.1.1.= 1 (HIV positive), 7 (refused) or 8 (don't know), → S.0.a.. If ST.5.0. > 4 and SS.1.1.= 1 (HIV positive), 7 (refused) or 8 (don't know), → SP.1.0..

Topic: Pre-exposure prophylaxis #4 (SR)

PREP4N4_21

Response:

If SS.1.1. = 2 (HIV negative) or SS.1.1. = 2 (HIV negative), or SS.1.1. = 2 (HIV negative), → SR.1.0.. Else, → SR.1.0..

Intro_PREP4N4_21 "Sometimes people who are HIV negative take antiretroviral medicine to prevent them from getting HIV. This is called PrEP."

SR.1.0. Was [INSERT SX_NM4N4_21] taking PrEP when you **last** had sex? If you aren't sure, that's okay.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ST.5.0. = 4, → S.0.a.. If ST.5.0. >4, → SP.1.0..

Topic: Partner demographics #5 (SP)

SXPGN5N4

Response:

If SN.1.4. = 7 (refused to answer), → SR.1.0.. Else, → Intro_N21_SXPGN5N4 (partner gender-partner 5).

Intro_N21_SXPGN5N4 “Now I’m going to ask you about [INSERT SN.1.4.]”

Skip partner gender questions if the respondent had sex with only one gender:

If ST.8.0. = 1, or ST.6.0. = 1 or

ST.7.0. = 1, then → SP.2.0..

Else, → SP.1.0..

SP.1.0. Is [INSERT SX_NM5N4_21] male, female, or transgender? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Male
- 2 Female
- 3 Transgender
- 8 Don't Know
- 7 Refused to Answer

If SEX_GEN = 2 (female) and SP.1.0. = 2 (female), read, “Only include people with whom you had vaginal or anal sex. Remember, for these questions, vaginal sex means penis in the vagina and anal sex means penis in the anus”. Interviewer instructions: Return to previous question if necessary. Allow survey to move forward.

SXPEN5N4

Response:

SP.2.0. Is [INSERT SX_NM5N4_21] Hispanic, Latino/a, or of Spanish origin? If you’re not sure, give me your best guess.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

For all responses → SP.3.0..

SXPR5N4

Response:

SP.3.0. Which of the following racial group or groups best describes [INSERT SX_NM5N4_21]? Select all that apply. If you're not sure, give me your best guess. [READ RESPONSES. SELECT ALL THAT APPLY.]

SXPR5N4A

Response:

SP.3.0. American Indian or Alaskan Native

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXPR5N4B

Response:

SP.3.0. Asian

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXP5N4C

Response:

- SP.3.0.** Black or African American
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

SXP5N4D

Response:

- SP.3.0.** Native Hawaiian or Other Pacific Islander
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

SXP5N4E

Response:

- SP.3.0.** White
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

Topic: Vaginal sex #5 (SV)

SX_VS5N4

Response:

Transgender/unknown gender respondent:

If SEX_GEN= 3 (transgender) or 4 (indeterminate), then → SG.1.0..

Transgender/unknown gender partner:

If ST.8.0. = 1 or SP.1.0. = 3 (transgender), 7 (refused to answer), or 8 (don't know), then → SG.1.0..

Male-male partners:

If ST.1.0. = 1 (male) and ST.7.0. = 1

or if ST.1.0. = 1 (male) and SP.1.0. = 1 (male), then → SL.1.0..

Female-female partners:

If ST.1.0. = 2 (female) and SP.1.0. = 2 (female), → SR.1.0..

Else → SV.1.0..

- SV.1.0.** During the **past 12 months**, did you have vaginal sex with [INSERT SX_NM5N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SV.1.0. = 0 (no), 7 (refused), or 8 (don't know), → SL.1.0..

Else if SV.1.0.= 1 (yes), → SV.1.1..

SXVC5BN4_21

Response:

- SV.1.1.** During the **past 12 months** when you had vaginal sex, how often did you or [INSERT SX_NM5N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

Topic: Anal sex #5 (SL)

SXANL5N4

Response: **SL.1.0.** During the **past 12 months**, did you have anal sex with [INSERT SX_NM5N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

No anal sex partners reported among male respondents who previously said they had only male partners: If ST.1.0. = 1 (male) and if SP.1.0. = 1 (male) or ST.7.0. =1 and SL.1.0. = 0 (no), then read "Earlier you told me that you had anal sex with [INSERT SN.1.4.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

No vaginal or anal sex reported among males with female partners: If ST.1.0. = 1 (male) and SP.1.0. = 2 (female) or ST.6.0. = 1 and SV.1.0. = 0 (no) and SL.1.0. = 0 (no), then read "Earlier you told me that you had vaginal or anal sex with [INSERT SN.1.4.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

No vaginal or anal sex reported among females with male partners: If ST.1.0. = 2 (female) and SP.1.0. = 1 (male) or ST.7.0. =1 and SV.1.0. = 0 (no) and SL.1.0. = 0 (no), then read "Earlier you told me that you had vaginal or anal sex with [INSERT SN.1.4.]. Is this correct?" Interviewer instructions: Return to previous questions to correct error. Allow program to move forward.

If SL.1.0. = 1 (yes), → SL.1.1.. If SL.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SS.1.0..

SXAC5BN4_21

Response: **SL.1.1.** During the **past 12 months** when you had anal sex, how often did you or [INSERT SX_NM5N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

For all responses, → SS.1.0..

Topic: Transgender and unknown gender sex #5 (SG)

SX_TG5N4

Response: **SG.1.0.** During the **past 12 months**, did you have vaginal or anal sex with [INSERT SX_NM5N4_21]?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SG.1.0. is 0 (no), then read, "Earlier you told me that you had vaginal or anal sex with [Insert SN.1.4.]. Is this correct?" Interviewer instructions: return to previous questions to correct error. Allow program to move forward.

If SG.1.0. = 1 (yes), → SG.1.1.. If SG.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SS.1.0..

TGC5BN4_21

Response:

SG.1.1. During the **past 12 months** when you had vaginal or anal sex, how often did you or [INSERT SX_NM5N4_21] use a condom? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Never - not even once
- 2 Sometimes
- 3 Absolutely every time
- 8 Don't Know
- 7 Refused to Answer

Topic: Status #5 (SS)

STPRT5N4

Response:

SS.1.0. Do you know [INSERT SX_NM5N4_21]'s HIV status?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SS.1.0. = 1 (yes), → SS.1.1.. Else, if ST.5.0. = 5 and SS.1.0. = 0 (no), 7 (refused) or 8 (don't know), → S.0.a.. Else, if ST.5.0. >5 and SS.1.0. = 0 (no), 7 (refused) or 8 (don't know), → SA.1.0..

PRTST5N4

Response:

SS.1.1. During the **past 12 months**, what was [INSERT SX_NM5N4_21]'s HIV status the first time that you had sex? [DON'T READ RESPONSES. SELECT ONLY ONE.]

- 1 HIV Positive
- 2 HIV Negative
- 8 Don't Know
- 7 Refused to Answer

If SS.1.1. = 2 (HIV Negative), → SR.1.0.. Else, if ST.5.0. = 5 and SS.1.1. = 1 (HIV Positive), 7 (refused) or 8 (don't know), → S.0.a.. If ST.5.0. >5 and SS.1.1. = 1 (HIV Positive), 7 (refused) or 8 (don't know), → SA.1.0..

Topic: Pre-exposure prophylaxis #5 (SR)

PREP5N4_21

Response:

If SS.1.1. = 2 (HIV negative) or SS.1.1. = 2 (HIV negative), or SS.1.1. = 2 (HIV negative), or SS.1.1. = 2 (HIV negative), → SR.1.0.. Else, → SR.1.0..

Intro_PREP5N4_21 "Sometimes people who are HIV negative take antiretroviral medicine to prevent them from getting HIV. This is called PrEP."

SR.1.0. Was [INSERT SX_NM5N4_21] taking PrEP when you **last** had sex? If you aren't sure, that's okay.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ST.5.0. = 5, → S.0.a.. If ST.5.0. >5, → SA.1.0..

Topic: Aggregate information (SA)

SXAGC1N4

Response:

If ST.5.0. = 6, → SA.1.0.. If ST.5.0. > 6, → Intro_N21_SXAGC2N4.

Intro_21_SXAGC1N4 “We just talked about the five people you recently had sex with. Now I’d like to ask you about the other person you had sex with during the past 12 months.”

SA.1.0. During the **past 12 months**, was a condom always used when you had vaginal or anal sex with your other partner?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SXAGP1N4

Response:

SA.1.1. Was your other partner HIV positive?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

All responses → S.0.a..

SXAGC2N4

Response:

Intro_N21_SXAGC2N4 “We just talked about the five people you most recently had sex with. Now I’d like to ask you about the other people you had sex with during the past 12 months.”

SA.1.2. During the **past 12 months**, with how many of these [INSERT [SX_TOTN4] - 5] other partners was a condom always used when you had vaginal or anal sex?

- 8888 Don't Know
- 7777 Refused to Answer

If SA.1.2. is > [ST.5.0. - 5], then read the following: “The number of additional partners with whom you used a condom cannot be greater than [insert value from (ST.5.0.) - 5].” Confirm Answer. Go back to SA.1.2..

If SA.1.2. = [ST.5.0.-5], 7 (refused to answer) or 8 (don’t know), then → S.0.a.. Else, → SA.1.2a..

Calculation_SXAGUPN4

SA.1.2a. Create a calculated variable to indicate the aggregate number of partners with whom the respondent had sex without a condom. If SX_TOTN4 is > 5, then create SXAGUPN4 where ([SX_TOTN4 (total number of vaginal and anal sex partners)] - (minus) 5] - SXAGC2N4).

SXAGC3N4_21

Response:

SA.1.3. So, you had sex without a condom with [INSERT SXAGUPN4] of these other partners?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If SA.1.3. is 0 (no), then read, “The number of partners with whom you had sex without a condom does not add up.” Return to SA.1.2..

If SA.1.3. is 7777 (refused to answer) or 8888 (don’t know), → S.0.a..

SXAGP2N4

Response:

SA.1.4. How many of those [INSERT SXAGUPN4] other partners were HIV positive?

8888 Don't Know

7777 Refused to Answer

SA.1.4. cannot be greater than SA.1.2a.. If SA.1.4. > SA.1.2a., then read, "The response is out of range" and return to SA.1.4..

Calculation_EN_SEXN5

S.0.a. EN_SEXN5 = Current time

Module: Violence (B)**Topic: Physical violence (BP)**

IPVPH1N5

Response:

Intro_21_IPVPH1N5 "Next, I'll ask about experiences with romantic or sexual partners who may have physically hurt you. This may include spouses, boyfriends, girlfriends, people you've dated, or people you hooked up with. Remember, your answers are private, and you do not have to answer any questions you do not want to."

BP.1.0. How many of your romantic or sexual partners have **ever** slapped, punched, shoved, kicked, choked or otherwise physically hurt you?

8888 Don't Know
7777 Refused to Answer
(Range: 0-999)

If BP.1.0. = 1-999, → BP.1.1..
Else, → BS.1.0.

IPVPH2N5

Response:

BP.1.1. During the **past 12 months**, has a partner slapped, punched, shoved, kicked, choked, or otherwise physically hurt you?

0 No
1 Yes
8 Don't Know
7 Refused to Answer

Topic: Forced Sex (BS)

IPVSX1N5_21

Response:

Intro_IPVSX1N5_21 "Some people experience unwanted sexual situations by strangers or people they know, such as a partner, friend, teacher, coworker, supervisor, or family member."

BS.1.0 How many people have **ever** threatened or forced you to have vaginal, anal, or oral sex when you did not want to?

8888 Don't Know
7777 Refused to Answer
(Range: 0-999)

If BS.1.0 = 1-999, → BS.1.1..

If BS.1.0 = 0 (no), 7777 (refused to answer), or 8888 (don't know), → B.0.a..

IPVSX2N5

Response:

BS.1.1. During the **past 12 months**, have you been threatened or forced to have vaginal, anal, or oral sex when you did not want to?

0 No
1 Yes
8 Don't Know
7 Refused to Answer

Calculation_ENIPVN5

B.0.a. ENIPVN5 = Current time



Module: Depression and anxiety (M)**Topic: PHQ-4 screening questions (MD)**

ANXDEPA8

Response:

Intro_21_ANXDEPA8 "Now I'm going to ask you some questions about your mood. When answering, please think about how often the following has occurred during the past 2 weeks. We'll use Response Card E for these questions. We'll also use the calendar to refer to the past 2 weeks."

Intro_ANXDEPA8 "Now I'm going to ask you some questions about your mood. When answering, please think about how often the following has occurred during the past 2 weeks. We'll use Response Card E for these questions. We'll also use the calendar to refer to the past 2 weeks." "Over the past 2 weeks, how often have you been bothered by any of the following problems?"

MD.1.0 Little interest or pleasure in doing things? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

ANXDEPB8

Response:

MD.2.0 Feeling down, depressed, or hopeless? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

ANXNR_8

Response:

MD.3.0 Feeling nervous, anxious or on edge? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

ANXSW_8

Response:

MD.4.0 Not being able to stop or control worrying? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

Calculation_PHQ2N8

MD.4.0a Create a calculated where the sum of ANXDEPA8 + ANXDEPB8=PHQ2N8. If the response to ANXDEPA8 or ANXDEPB8= 7 (refused to answer) or 8 (don't know), then calculate the response as 0.

Calculation_GAD2N8

- MD.4.0b** Create a calculated variable where the sum of ANXNR_8 + ANXSW_8 = GAD2N8. If the response to ANXNR_8 or ANXSW_8 = 7 (refused to answer) or 8 (don't know), then calculate the response as 0.
 If MD.4.0a =>3, → MA.1.0.
 Else, → MG.1.0.

Topic: PHQ-8 depression (MA)

ANXDEPC8

Response:

- MA.1.0** Trouble falling or staying asleep, or sleeping too much? [USE RESPONSE CARD. SELECT ONLY ONE.]
- 0 Not at all
 - 1 Several days
 - 2 More than half the days
 - 3 Nearly every day
 - 8 Don't Know
 - 7 Refused to Answer

ANXDEPD8

Response:

- MA.2.0** Feeling tired or having little energy? [USE RESPONSE CARD. SELECT ONLY ONE.]
- 0 Not at all
 - 1 Several days
 - 2 More than half the days
 - 3 Nearly every day
 - 8 Don't Know
 - 7 Refused to Answer

ANXDEPE8

Response:

- MA.3.0** Poor appetite or overeating? [USE RESPONSE CARD. SELECT ONLY ONE.]
- 0 Not at all
 - 1 Several days
 - 2 More than half the days
 - 3 Nearly every day
 - 8 Don't Know
 - 7 Refused to Answer

ANXDEPF8

Response:

- MA.4.0** Feeling bad about yourself—or that you are a failure or have let yourself or your family down? [USE RESPONSE CARD. SELECT ONLY ONE.]
- 0 Not at all
 - 1 Several days
 - 2 More than half the days
 - 3 Nearly every day
 - 8 Don't Know
 - 7 Refused to Answer

ANXDEPG8

Response:

MA.5.0 Trouble concentrating on things, such as reading the newspaper or watching television? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

ANXDEPH8

Response:

MA.6.0 Moving or speaking so slowly that other people could have noticed, or the opposite—being so fidgety or restless that you have been moving around a lot more than usual? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

Topic: GAD-7 anxiety (MG)

ANXWR_8

Response:

If MD.4.0b ≥ 3 , \rightarrow MG.1.0.

Else, \rightarrow M.0.a..

MG.1.0 Worrying too much about different things? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

ANXRX_8

Response:

MG.2.0 Trouble relaxing? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

ANXRS_8

Response:

MG.3.0 Being so restless that it's hard to sit still? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

ANXIR_8

Response:

MG.4.0 Becoming easily annoyed or irritable? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

ANXAF_8

Response:

MG.5.0 Feeling afraid as if something awful might happen? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Not at all
- 1 Several days
- 2 More than half the days
- 3 Nearly every day
- 8 Don't Know
- 7 Refused to Answer

Calculation_ENMNHLN5

M.0.a. ENMNHLN5 = Current time

Module: Alcohol, smoking, and drug use (U)**Topic: Alcohol use (UA)**

ALCOHO_9

Response:

Intro_8_ALCOHO_9 “These next questions are about drinking alcohol. Included are beer, wine, wine coolers, and liquor, such as whiskey or gin, and any other type of alcohol. We will use Response Card F.”

UA.1.0. During the **past 12 months**, how often did you drink alcohol? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

If UA.1.0. is 5 (never), 7 (refused to answer), 8 (don't know), then → US.1.0..

DRINK_9

Response:

Intro_8_DRINK_9 “We'll use the Alcohol Response Card for the next questions. For these questions a drink of alcohol is a 12 oz. beer, a 5 oz. glass of wine, or a 1.5 oz. shot of liquor. We'll use the calendar to refer to the past 30 days.”

UA.2.0. During the **past 30 days**, on how many days did you have an alcoholic drink?

- 88 Don't Know
- 77 Refused to Answer

(Range: 0–30)

If UA.2.0. is 0, 77 (refused to answer), or 88 (don't know), then → US.1.0..

NDRINK_9

Response:

UA.3.0. During the **past 30 days**, how many alcoholic drinks did you have on a typical day when you were drinking?

- 88 Don't Know
- 77 Refused to Answer

(Range: 1-100)

BINGE_8

Response:

UA.4.0. During the **past 30 days**, on how many days did you have [5 or 4] or more alcoholic drinks in one sitting?

- 88 Don't Know
- 77 Refused to Answer

(Range: 0-30)

If BIRTGEN = 2 (female), 3 (intersex/ambiguous), then read, “During the **past 30 days**, on how many days did you have 4 or more alcoholic drinks in one sitting?” If BIRTGEN = 1 (male), 7 (refused), or 8 (don't know), then read, “During the **past 30 days**, on how many days did you have 5 or more alcoholic drinks in one sitting?” The same tokens apply to Hard_edit_BINGE_8.

If UA.4.0. > UA.2.0., then read, “The number of days that you had any drink should be equal to or larger than the number of days you had [5 or 4] or more drinks.” Return to UA.2.0..

Topic: Smoking and vaping (US)

CIGEVN5

Response:

Intro_CIGEVN5 "The next questions are about smoking cigarettes."

US.1.0. Have you smoked at least 100 cigarettes, equal to 5 packs of cigarettes, in your entire life?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If US.1.0. is 0 (no), 7 (refused to answer), or 8 (don't know), then → US.2.0..
 Else, → US.1.1..

CIG_OFT

Response:

Intro_CIG_OFT "Now we will use Response Card F."

US.1.1. How often do you smoke cigarettes now? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

CIGARN5

Response: **US.2.0.** Have you smoked cigars, cigarillos, or little filtered cigars at least 50 times in your entire life?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If US.2.0. is 0 (no), 7 (refused to answer), or 8 (don't know), then → US.3.0..
 Else, → US.2.1..

CIGARFN5

Response: **US.2.1.** Do you now smoke cigars, cigarillos, or little filtered cigars every day, some days, rarely, or not at all? [SELECT ONE RESPONSE.]

- 1 Every day
- 2 Some days
- 3 Rarely
- 4 Not at all
- 8 Don't Know
- 7 Refused to Answer

CIG_QTN5

Response:

If US.1.1. = 1 (Daily), 2 (Weekly), 3 (Monthly), or 4 (Less than monthly) or if US.2.1. = 1 (every day), 2 (some days), or 3 (rarely), → US.3.0.. Else, → US.5.0..

Intro_CIG_QTN5 "The next questions ask about quitting smoking. By smoking, I mean smoking cigarettes, cigars, cigarillos, or little filtered cigars."

US.3.0. During the **past 12 months**, have you stopped smoking for one day or longer because you were trying to quit?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

CIG_DQ_8

Response:

US.4.0. During the **past 12 months**, has a doctor, nurse, or other healthcare worker advised you to quit smoking?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

CIGELCN5_21

Response:

Intro_CIGELCN5_21 "The next questions are about vaping e-cigarettes or other vaping devices. People can vape nicotine, tobacco, marijuana, flavoring or other substances."

US.5.0. Have you **ever**, even once, vaped anything with an e-cigarette or other vaping device?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If US.5.0. is 1 (yes), → US.5.1.. Else if US.5.0. is 0 (No) or 8 (Don't know) or 7 (Refused to Answer), → INTRO_21_MARIJU_9.

VAPE_TOBACCON21

Response:

Intro_VAPE_TOBACCON21 "During the past 30 days, have you vaped any of the following:"

US.5.1. Tobacco or nicotine?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

VAPE_MARIJN21

Response:

US.5.2. Marijuana, including marijuana concentrates, marijuana waxes, THC or hash oils?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

VAPE_OTHERN21

Response: **US.5.3.** Any other substances?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Topic: Non-injection drug use (UN)

MARIJU_9

Response:

Intro_21_MARIJU_9 "I'm going to read you a list of drugs. For each drug I mention, please tell me how often you used it during the past 12 months. Don't include drugs you injected or drugs that were used for medical purposes. We'll use Response Card F for these questions."

If US.5.2. = 1 (yes), → UN.2.0.. Else if MARIJN21 is 0 (No) or 8 (Don't Know) or 7 (Refused to Answer), → UN.1.0..

UN.1.0. During the **past 12 months**, how often did you use marijuana? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

CRACK1_9

Response: **UN.2.0.** During the **past 12 months**, how often did you use crack? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

COCSMO_9

Response: **UN.3.0.** During the **past 12 months**, how often did you use cocaine that is smoked or snorted? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

METHN5

Response:

UN.4.0. During the **past 12 months**, how often did you use any methamphetamines, such as crystal meth, tina, crank, or ice? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

CLUBN5

Response:

UN.5.0. During the **past 12 months**, how often did you use club drugs such as Ecstasy (also called X), ketamine (also called Special K), or GHB (also called Liquid Ecstasy)? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

POPPER_9

Response:

UN.6.0. During the **past 12 months**, how often did you use poppers, also called amyl nitrite? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

HEROIN_9

Response:

UN.7.0. During the **past 12 months**, how often did you use heroin or opium that is smoked or snorted? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

PAINKN5_21

Response:

UN.8.0. Next, I'll ask about prescription pain relievers such as oxycodone, hydrocodone, Percocet, or Vicodin. During the **past 12 months**, how often did you take a prescription pain reliever that was not prescribed to you or was prescribed to you, but you took more than directed? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

TRANQN5_21

Response:

UN.9.0. I am going to ask you about prescription tranquilizers such as Valium, Ativan, Xanax, or downers. During the **past 12 months**, how often did you take a prescription tranquilizer that was not prescribed to you, or was prescribed to you but you took more than directed? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

OTHERDRUGN21

Response:

UN.10.0. During the **past 12 months**, did you use any other drug? Remember, don't include drugs you injected or drugs that were used for medical purposes.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Topic: Injection drug use (UI)

EVRINJN5

Response:

Intro_EVRINJN5 "The next questions are about injection drug use. This means injecting drugs yourself or having someone else inject you."

UI.1.0. Have you **ever** shot up or injected any drugs that weren't used for medical purposes? By shooting up, I mean anytime a needle was used to inject drugs in your veins, under the skin, or in the muscle.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If UI.1.0. is 1 (yes), → UI.1.1..

Else, → U.0.a..

INJECTN5

Response:

UI.1.1. During the **past 12 months**, have you shot up or injected any drugs that weren't used for medical purposes?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If UI.1.1. is 1 (yes) then → UI.2.0..

Else, → next topic U.0.a..

COCINJN5

Response:

Intro_COCINJN5 “Now I'm going to read you a list of drugs. For each drug I mention, please tell me how often you injected it during the past 12 months. We'll use Response Card F for these questions.”

UI.2.0. During the **past 12 months**, how often did you inject powder cocaine? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

HERINJN5

Response:

UI.3.0. During the **past 12 months**, how often did you inject heroin? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

SPDBALN5

Response:

UI.4.0. During the **past 12 months**, how often did you inject heroin and cocaine together, also called speedball? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

METINJN5

Response:

UI.5.0. During the **past 12 months**, how often did you inject methamphetamines, such as crystal meth, tina, crank or ice? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

PKINJN5_21

Response:

UI.6.0. During the **past 12 months**, how often did you inject painkillers, such as oxycodone, hydrocodone, Percocet, or Vicodin? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 5 Never
- 8 Don't Know
- 7 Refused to Answer

If UI.1.1. is 1 (yes) and [UI.2.0., UI.3.0., UI.4.0., UI.5.0., or UI.6.0.] are all 5 (Never), then display: The respondent said that they didn't inject any of the specific drugs that you asked about. Verify that the respondent injected drugs during the **past 12 months**. Allow the program to move forward.

SHRNDLN5

Response:

Intro_SHRNDLN5 "Now I am going to ask you some questions about sharing needles and other injection equipment. When I ask you about needles, I'm talking about needles and syringes."

UI.7.0. When you injected during the **past 12 months**, did someone use the same needle after you used it to either inject drugs or divide drugs?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SHR_WRKS

Response:

UI.8.0. When you injected during the **past 12 months**, did someone use the same cookers, cotton, or rinse water after you used it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

GETNDAN5

Response:

Intro_GETNDAN5 "During the past 12 months when you injected, did you get your needles at any of the following places:"

UI.9.0. A needle exchange program?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

GETNDBN5

Response: **UI.9.1.** A pharmacy or drug store?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

GETNDCN5

Response: **UI.9.2.** A doctor's office, clinic, or hospital?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

GETNDDN5

Response: **UI.9.3.** A friend, relative, or sex partner?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

GETNDEN5

Response: **UI.9.4.** A needle or drug dealer, shooting gallery, or off the street?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Calculation_ENDRUGN5

U.0.a. ENDRUGN5 = Current time



Module: Stigma and discrimination (R)**Topic: Stigma (RS)**

STGA12N8

Response:

Intro_21_STGA12N8 "Next, I'll read statements that some people with HIV feel. We want to know if you experience these feelings. These statements are not things that I or anyone in this project thinks. Remember that you don't have to answer any question you don't want to. For each statement that I read, tell me how strongly you disagree or agree. We'll use Response Card G."

RS.1.0 During the **past 12 months**, I have been hurt by how people reacted to learning I have HIV. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neutral
- 4 Somewhat agree
- 5 Strongly agree
- 8 Don't Know
- 7 Refused to Answer

STGB12N8

Response:

RS.2.0 During the **past 12 months**, I have stopped socializing with some people because of their reactions to my HIV status. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neutral
- 4 Somewhat agree
- 5 Strongly agree
- 8 Don't Know
- 7 Refused to Answer

STGC12N8

Response:

RS.3.0 During the **past 12 months**, I have lost friends by telling them I have HIV. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neutral
- 4 Somewhat agree
- 5 Strongly agree
- 8 Don't Know
- 7 Refused to Answer

STIGMDN5

Response:

RS.4.0. I am very careful who I tell that I have HIV. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neutral
- 4 Somewhat agree
- 5 Strongly agree
- 8 Don't Know
- 7 Refused to Answer

STIGMEN5

Response: **RS.5.0.** I worry that people who know I have HIV will tell others. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neutral
- 4 Somewhat agree
- 5 Strongly agree
- 8 Don't Know
- 7 Refused to Answer

STIGMFN5

Response: **RS.6.0.** I feel that I am not as good a person as others because I have HIV. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neutral
- 4 Somewhat agree
- 5 Strongly agree
- 8 Don't Know
- 7 Refused to Answer

STIGMGN5

Response: **RS.7.0.** Having HIV makes me feel unclean. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neutral
- 4 Somewhat agree
- 5 Strongly agree
- 8 Don't Know
- 7 Refused to Answer

STIGMHN5

Response: **RS.8.0.** Having HIV makes me feel that I'm a bad person. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neutral
- 4 Somewhat agree
- 5 Strongly agree
- 8 Don't Know
- 7 Refused to Answer

STIGMIN5

Response: **RS.9.0.** Most people think that a person with HIV is disgusting. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neutral
- 4 Somewhat agree
- 5 Strongly agree
- 8 Don't Know
- 7 Refused to Answer

STIGMJN5

Response: **RS.10.0.** Most people with HIV are rejected when others find out. [USE RESPONSE CARD. SELECT ONLY ONE.]

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neutral
- 4 Somewhat agree
- 5 Strongly agree
- 8 Don't Know
- 7 Refused to Answer

Topic: Discrimination (RD)

DISC1N8

Response:

If KE.1.0. is 1 (yes) and KU.2.0. <= 12 months from IP.1.2., → RD.1.0.. Else, → R.0.a..

Intro_DISC1N8 “Now, I’m going to ask you about things that may have happened when you got HIV care at a doctor’s office or a clinic. Please tell me how often the following things happened to you in the past 12 months. We are going to use Response Card D.”

RD.1.0. During the **past 12 months**, how often were you treated with less courtesy than other people? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Never
- 1 Rarely
- 2 About half the time
- 3 Most of the time
- 4 Always
- 8 Don't Know
- 7 Refused to Answer

DISC2N8

Response: **RD.2.0.** During the **past 12 months**, how often were you treated with less respect than other people? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Never
- 1 Rarely
- 2 About half the time
- 3 Most of the time
- 4 Always
- 8 Don't Know
- 7 Refused to Answer

DISC3N8

Response: **RD.3.0.** During the **past 12 months**, how often have you received poorer service than others? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Never
- 1 Rarely
- 2 About half the time
- 3 Most of the time
- 4 Always
- 8 Don't Know
- 7 Refused to Answer

DISC4N8

Response:

RD.4.0. During the **past 12 months**, how often has a doctor or nurse acted as if he or she thought you were not smart? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Never
- 1 Rarely
- 2 About half the time
- 3 Most of the time
- 4 Always
- 8 Don't Know
- 7 Refused to Answer

DISC5N8

Response:

RD.5.0. During the **past 12 months**, how often has a doctor or nurse acted as if he or she was afraid of you? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Never
- 1 Rarely
- 2 About half the time
- 3 Most of the time
- 4 Always
- 8 Don't Know
- 7 Refused to Answer

DISC6N8

Response:

RD.6.0. During the **past 12 months**, how often has a doctor or nurse acted as if he or she was better than you? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Never
- 1 Rarely
- 2 About half the time
- 3 Most of the time
- 4 Always
- 8 Don't Know
- 7 Refused to Answer

DISC7N8

Response:

RD.7.0. During the **past 12 months**, how often have you felt like a doctor or nurse was not listening to what you were saying? [USE RESPONSE CARD. SELECT ONLY ONE.]

- 0 Never
- 1 Rarely
- 2 About half the time
- 3 Most of the time
- 4 Always
- 8 Don't Know
- 7 Refused to Answer

DISHIV_8

Response:

If RD.1.0. or RD.2.0. or RD.3.0. or RD.4.0. or RD.5.0. or RD.6.0. or RD.7.0. is 1 (rarely), 2 (about half the time), 3 (most of the time), or 4 (always), then → RD.8.0. . Else, → R.0.a..

Intro_21_DISHIV_8 "Based on your responses, you may have experienced discrimination when getting HIV care. Did the discrimination occur because..."

RD.8.0. ...of your HIV infection?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DISGEN_8

Response:

RD.9.0. ...of your gender?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DISSEX_8

Response:

RD.10.0. ...of your sexual orientation or sexual practices?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DISRAC_8

Response:

RD.11.0. ...of your race or ethnicity?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DISINC8

Response:

RD.12.0. ...of your income or social class?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If UI.1.0. is 1 (yes), then → RD.13.0..

Else, → R.0.a..

DISDRG_8

Response:

RD.13.0. ...someone at your doctor's office or clinic thought you injected drugs?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Calculation_ENSTIGN5

R.0.a. ENSTIGN5 = Current time



Module: Gynecological and reproductive history (G)**Topic: Gynecological care (GH)**

Calculation_STOBYN5

G.0. STOBYN5 = current time

PLV_EX_9

Response:

If ST.1.0. = 2 (female), then → GH.1.0.. If ST.1.0. = 1 (male) or 3 (transgender) or 4 (indeterminate), → GF.1.0..

Intro_PLV_EX_9 "I'm now going to ask some questions about pelvic exams and Pap smears. A pelvic exam is a vaginal examination. A Pap smear, also called a cervical cancer test or Pap test, is a test used to check for cancer of the cervix. Often a pelvic exam and Pap smear are performed at the same time."

GH.1.0. During the **past 12 months**, have you had a pelvic examination?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

PAP_EX_8

Response: **GH.2.0.** [During the **past 3 years** or Since testing positive for HIV], have you had a Pap smear?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If POS1S_9 <3 years prior to interview date, 8888 (don't know), or 7777 (refused to answer), then question should read, "Since testing positive for HIV, have you had a Pap smear?" If POS1S_9 >=3 years ago or POS1S_9 = Skipped, then question should read as "During the **past 3 years**, have you had a Pap smear?"

POSTMEN8

Response: **GH.3.0.** Are you post-menopausal, meaning you don't have periods anymore?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

TUBLIGN8

Response: **GH.4.0.** Have you had a tubal ligation, also known as having your "tubes tied"?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

HYSTERN8

Response:

GH.5.0 Have you had a hysterectomy? A hysterectomy is when all or some of your uterus is removed.

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If GH.3.0. is 1 (yes) or GH.4.0. is 1 (yes) or GH.5.0 is 1 (yes), then → Intro_N21_PREG_21 (Number of times pregnant). If GH.3.0. is 0 (no), 7 (refused to answer) or 8 (don't know) and GH.4.0. is 0 (no), 7 (refused to answer) or 8 (don't know) and GH.5.0 is 0 (no), 7 (refused to answer) or 8 (don't know), → GF.1.0..

Topic: Family planning (GF)

INTENTDADN21

Response:

If ST.1.0. = 2 (female) and ST.3.0. = 0, 777 (refused to answer) or 888 (don't know), → Intro_N21_PREG_21. If ST.1.0. = 2 (female) and ST.3.0. >=1, → GF.2.0.. If ST.1.0. = 1 (male), → GF.1.0.. IF ST.1.0. = 3 (transgender) or 4 (indeterminate), → G.0.a..

Intro_INTENTDADN21 "Now I'm going to ask you about becoming a biological father."

GF.1.0. At any time during the **past 12 months**, have you tried to become a biological father?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If GF.1.0. = 0 (no) → GF.6.0.. If GF.1.0. = 1 (yes), → GF.4.0.. If GF.1.0. is 7 (refused to answer) or 8 (don't know), → G.0.a..

PREGNOWN21

Response:

GF.2.0. Are you currently pregnant?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

INTENTN8_21

Response:

GF.3.0. At any time during the **past 12 months**, have you tried to get pregnant?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If PREGNOWN21 = 1 (yes), then display question as, "Were you trying to get pregnant?"

If GF.3.0. = 1 (yes), → GF.4.0..

If GF.3.0. = 0 (no), 7 (refused to answer), or 8 (don't know), → GF.5.0..

KIDTALKN21

Response:

GF.4.0. During the **past 12 months**, has a doctor, nurse, or other healthcare worker talked with you about your desire to have children?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ST.1.0. = 1 (male), → G.0.a.. If ST.1.0. = 2 (female), → GF.5.0..

NOPREGN21

Response:

GF.5.0. Some things women do to prevent pregnancy include using birth control pills or condoms. At any time during the **past 12 months**, have you tried to prevent getting pregnant?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If GF.5.0. = 1 (yes) → GF.6.0.. If GF.5.0. = 0 (no), 7 (refused to answer) or 8 (don't know), → GF.7.0..

PREGTALKN21

Response:

If ST.1.0. = 1 (male) AND ST.2.0. ≥ 1, → GF.6.0.. If ST.1.0. = 1 (male) and ST.2.0. = 0, 7777 (refused to answer) or 8888 (don't know), → G.0.a..

GF.6.0. During the **past 12 months**, has a doctor, nurse, or other healthcare worker talked with you about how to prevent pregnancy?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

INTENTDADN21 = 0 (no), then question should read, "Some things men do to prevent getting someone pregnant include using condoms or getting a vasectomy. During the **past 12 months**, has a doctor, nurse, or other healthcare worker talked with you about doing anything to prevent getting someone pregnant?"

VERTRANN21

Response:

If GF.2.0. = 1 (yes) or GF.3.0. = 1 (yes), → GF.7.0.. If GF.3.0. = 0 (no) or 7 (refused) or 8 (don't know), → Intro_N21_PREG_21 (Number of times pregnant). If GF.2.0. = 0 (no) or 7 (refused) or 8 (don't know), → Intro_N21_PREG_21 (Number of times pregnant). If ST.1.0. = 1 (male) → G.0.a..

GF.7.0. During the **past 12 months**, has a doctor, nurse, or other healthcare worker talked with you about how to prevent passing HIV on to your baby?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Topic: Reproductive history (GR)

PREG_21

Response:

Intro_N21_PREG_21 "Now I'm going to ask about pregnancies you may have had since testing positive for HIV. These pregnancies could have resulted in a live birth, miscarriage, abortion, stillbirth, or ectopic pregnancy."

GR.1.0. Since testing positive for HIV in [INSERT POS1S_9 (date of first positive test)], how many times have you been pregnant?

888 Don't Know
777 Refused to Answer
(Range: 0-100)

If POS1S_9 is 77/7777 (refused to answer), 88/8888 (don't know) or Skipped and PREGNOWN21 = 1 (yes), then PREG_21 should read as follows: "Since testing positive for HIV, how many times have you been pregnant? Don't count your current pregnancy."

If PREGNOWN21 = 1 (yes) then PREG_21 should read as follows: "Since testing positive for HIV in [INSERT POS1S_9], how many times have you been pregnant? Don't count your current pregnancy."

If POS1S_9 is 77/7777 (refused to answer), 88/8888 (don't know) or Skipped, then PREG_21 should read as follows: "Since testing positive for HIV, how many times have you been pregnant?"

If GF.2.0. = 1 (yes) AND GR.1.0. = 0, then → G.0.a.. If GR.1.0. = 0, 777 (refused to answer) or 888 (don't know), → G.0.a.. If GR.1.0. >= 1, → GR.2.0..

OUTCM1N3_21

Response:

If GR.1.0. = 1, → GR.2.0.. If GR.1.0. > 1, → GR.3.0..

GR.2.0. What was the outcome of this pregnancy? [READ RESPONSES. SELECT ONLY ONE.]

1 Live birth
2 Miscarriage
3 Abortion
4 Stillbirth
5 Ectopic pregnancy
8 Don't know
7 Refused to answer

If GR.2.0. = 1 (Live birth), then → GR.8.0.. If GR.2.0. is 8 (don't know) or 7 (refused to answer), → G.0.a.. Else, → G.0.a..

OUTCM1N21

Response:

GR.3.0. How many of these pregnancies resulted in a live birth?

888 Don't know
777 Refused to Answer

If GR.3.0. > GR.1.0., display the following message: "This does not add up with the number you gave me earlier." Do not allow the program to advance.

If GR.1.0. = GR.3.0., → GR.9.0.. If GR.3.0. is 888 (don't know) or 777 (Refused to answer), → GR.4.0.. Else, → GR.4.0..

OUTCM2N21

Response:

GR.4.0. How many of these pregnancies resulted in a miscarriage?

888 Don't know
777 Refused to Answer

If GR.3.0. + GR.4.0. > GR.1.0., display the following message: "This does not add up with the number you gave me earlier". Do not allow the program to advance.

If GR.1.0. = GR.4.0. and GR.3.0. = 0, → G.0.a.. If GR.1.0. = GR.3.0. + GR.4.0., then → GR.8.0.. If GR.4.0. is 888 (don't know) or 777 (refused to answer), → GR.5.0.. Else, → GR.5.0..

OUTCM3N21

Response: **GR.5.0.** How many of these pregnancies resulted in an abortion?

888 Don't know
777 Refused to Answer

If $GR.3.0. + GR.4.0. + GR.5.0. > GR.1.0.$, display the following message: "This does not add up with the number you gave me earlier". Do not allow the program to advance.

If $GR.1.0. = GR.5.0.$ and $GR.3.0. + GR.4.0. = 0$, $\rightarrow G.0.a.$. If $GR.1.0. = GR.3.0. + GR.4.0. + GR.5.0.$, then $\rightarrow GR.8.0.$. If $GR.5.0. = 888$ (don't know) or 777 (refused to answer), $\rightarrow GR.6.0.$. Else, $\rightarrow GR.6.0.$.

OUTCM4N21

Response: **GR.6.0.** How many of these pregnancies resulted in a stillbirth?

888 Don't know
777 Refused to Answer

If $GR.3.0. + GR.4.0. + GR.5.0. + GR.6.0. > GR.1.0.$, display the following message: "This does not add up with the number you gave me earlier". Do not allow the program to advance.

If $GR.1.0. = GR.6.0.$ and $GR.3.0. + GR.4.0. + GR.5.0. = 0$, $\rightarrow G.0.a.$. If $GR.1.0. = GR.3.0. + GR.4.0. + GR.5.0. + GR.6.0.$, then $\rightarrow GR.8.0.$. If $GR.6.0.$ is 777 (refused to answer) or 888 (don't know), $\rightarrow GR.7.0.$. Else, $\rightarrow GR.7.0.$.

OUTCM5N21

Response: **GR.7.0.** How many of these pregnancies resulted in an ectopic pregnancy?

888 Don't know
777 Refused to Answer

If $GR.1.0.$ does not equal $GR.3.0. + GR.4.0. + GR.5.0. + GR.6.0. + GR.7.0.$, then display "The number of pregnancy outcomes does not add up to the number of pregnancies." Allow the program to move forward.

If $GR.3.0. + GR.4.0. + GR.5.0. + GR.6.0. + GR.7.0. > GR.1.0.$, display the following message: "This does not add up with the number you gave me earlier". Do not allow the program to advance.

If $GR.1.0. = GR.7.0.$ and $GR.3.0. + GR.4.0. + GR.5.0. + GR.6.0. = 0$, $\rightarrow G.0.a.$. If $GR.7.0.$ is 777 (refused to answer) or 888 (don't know), $\rightarrow GR.8.0.$. Else, $\rightarrow GR.8.0.$.

KID1HVN3_21

Response:

If $GR.3.0. = 1$, then $\rightarrow GR.8.0.$. If $GR.3.0. > 1$, then $\rightarrow GR.9.0.$.
Else, $\rightarrow G.0.a.$.

GR.8.0. Was the child diagnosed with HIV?

0 No
1 Yes
2 Indeterminate
8 Don't know
7 Refused to answer

All responses $\rightarrow G.0.a.$

KIDHIVN21

Response: **GR.9.0.** How many of your biological children were born with HIV?

888 Don't know
777 Refused to Answer

$GR.9.0.$ must be $\leq GR.3.0.$. If $GR.9.0. > GR.3.0.$ then read, "Earlier you said that you had $[GR.3.0.]$ live births, but the number you just gave me is greater than that." Do not allow the program to advance.

Calculation_ENOBYN5

G.0.a. ENOBYN5 = Current time



Module: Met and unmet needs (N)**Topic: Services and assistance programs (ND)**

CSMNA_5

Response:

Intro_8_CSMNA_5 “For these next questions, I’m going to ask about services you used or needed during the past 12 months. First, I’ll ask whether you got the service, and if you didn’t, I’ll ask whether you needed it. These questions might sound similar, but I need to ask you all of them.”

ND.1.0. The first question is about HIV case management services. A case manager is a professional who helps you to get care and other services that you or your family may need. During the **past 12 months**, did you get HIV case management services?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.1.0. is 0 (no), 7 (refused to answer), or
8 (don't know), → ND.1.1..
Else, → ND.2.0..

CSMNB_5

Response:

ND.1.1. During the **past 12 months**, have you needed HIV case management services?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.1.1. is 1 (yes), → ND.1.2..
Else, → ND.2.0..

CSMNC_5

Response:

Intro_CSMNC_5 “Were you not able to get this service for any of the following reasons:”

ND.1.2. ...because you didn't have enough money or insurance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

CSMNE_5

Response:

ND.1.3. ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

CSMNF_5

Response:

ND.1.4. ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

CSMND_5

Response:

ND.1.5. ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

TKMDA_5

Response:

If TC.1.0. = 1 (yes) or TC.2.0. = 1 (yes), then → ND.2.0..
Else, → ND.3.1..

ND.2.0. During the **past 12 months**, did you get professional help on how to take your HIV medicines on time or correctly?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.2.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.2.1..
Else, → ND.3.1..

TKMDB_5

Response:

ND.2.1. During the **past 12 months**, have you needed professional help on how to take your HIV medicines on time or correctly?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.2.1. is 1 (yes), → ND.2.2..
Else, → ND.3.1..

TKMDC_N5

Response:

Intro_TKMDC_N5 "Were you not able to get this service for any of the following reasons:"

ND.2.2. ...because you didn't have enough money or insurance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

TKMDE_N5

Response:

ND.2.3. ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

TKMDF_N5

Response:

ND.2.4. ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

TKMDD_N5

Response:

ND.2.5. ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

NEDADA_5

Response:

If FH.1.6. is 0 (no), → ND.3.1..
Else, → ND.4.0..

ND.3.1. Earlier you told me that during the past 12 months you did not have Ryan White or ADAP coverage. During the **past 12 months**, have you needed to get medicine through ADAP?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.3.1. is 1 (yes), → ND.3.2..
Else, → ND.4.0..

ADAPC_N5

Response:

Intro_ADAPC_N5 “Were you not able to get this service for any of the following reasons:”

ND.3.2. ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

ADAPD_N5

Response:

ND.3.3. ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

ADAPB_N5

Response:

ND.3.4. ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

PATNAVN5

Response:

Intro_PATNAVN5 “The next question is about patient navigation services. This is someone whose job it is to help you get the best medical care for you. For example, a patient navigator might help you talk to your doctor about your care or go with you to your medical appointments.”

ND.4.0. During the **past 12 months**, did you get patient navigation services?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.4.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.4.1..
Else, → ND.5.0..

PATNABN5

Response:

ND.4.1. During the **past 12 months**, have you needed patient navigation services?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.4.1. is 1 (yes), → ND.4.2..
Else, → ND.5.0..

PATNACN5

Response:

Intro_PATNACN5 “Were you not able to get this service for any of the following reasons?”

ND.4.2. ...because you didn't have enough money or insurance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

PATNAEN5

Response:

ND.4.3. ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

PATNAFN5

Response:

ND.4.4. ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

PATNADN5

Response:

ND.4.5. ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

GET_GRP

Response: **ND.5.0.** During the **past 12 months**, did you get HIV peer group support?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.5.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.5.1..
 Else, → ND.6.0..

NED_GRP

Response: **ND.5.1.** During the **past 12 months**, have you needed HIV peer group support?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.5.1. is 1 (yes), → ND.5.2..
 Else, → ND.6.0..

RSGRPCN5

Response:

Intro_RSGRPCN5 “Were you not able to get this service for any of the following reasons:”

ND.5.2. ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

RSGRPDN5

Response: **ND.5.3.** ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

RSGRPBN5

Response: **ND.5.4.** ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DENS12_9

Response: **ND.6.0.** During the **past 12 months**, did you get dental care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.6.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.6.1..
 Else, → ND.7.0..

DENSER_9

Response: **ND.6.1.** During the **past 12 months**, have you needed dental care?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.6.1. is 1 (yes), → ND.6.2..

Else, → ND.7.0..

DENSA_N5

Response:

Intro_DENSA_N5 “Were you not able to get this service for any of the following reasons:”

ND.6.2. ...because you didn't have enough money or insurance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DENSC_N5

Response: **ND.6.3.** ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DENS_D_N5

Response: **ND.6.4.** ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DENSB_N5

Response: **ND.6.5.** ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

GET_SUBU

Response: **ND.7.0.** During the **past 12 months**, did you get drug or alcohol counseling or treatment?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.7.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.7.1..

Else, → ND.8.0..

NED_SUBU

Response: **ND.7.1.** During the **past 12 months**, have you needed drug or alcohol counseling or treatment?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.7.1. is 1 (yes), → ND.7.2..

Else, → ND.8.0..

SUBUA_N5

Response:

Intro_SUBUA_N5 “Were you not able to get this service for any of the following reasons:”

ND.7.2. ...because you didn't have enough money or insurance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SUBUB_N5

Response: **ND.7.3.** ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SUBUC_N5

Response: **ND.7.4.** ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SUBUD_N5

Response: **ND.7.5.** ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MENTA_5

Response: **ND.8.0.** During the **past 12 months**, have you seen or talked to a mental health professional such as a psychologist, psychiatrist, psychiatric nurse, or clinical social worker about your health?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.8.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.8.1..

Else, → ND.9.0..

MENTB_5

Response:

ND.8.1. During the **past 12 months**, have you needed to see or talk to a mental health professional about your health?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.8.1. is 1 (yes), → ND.8.2..

Else, → ND.9.0..

MENTC_5

Response:

Intro_MENTC_5 “Were you not able to get this service for any of the following reasons:”

ND.8.2. ...because you didn't have enough money or insurance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MENTE_5

Response:

ND.8.3. ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MENTF_5

Response:

ND.8.4. ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MENTD_5

Response:

ND.8.5. ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

TRAS12_9

Response:

ND.9.0. During the **past 12 months**, did you get transportation assistance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.9.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.9.1..

Else, → ND.10.0..

TRASAS_9

Response: **ND.9.1.** During the **past 12 months**, have you needed transportation assistance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.9.1. is 1 (yes), → ND.9.2..

Else, → ND.10.0..

TRANC_N5

Response:

Intro_TRANC_N5 "Were you not able to get this service for any of the following reasons:"

ND.9.2. ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

TRAND_N5

Response: **ND.9.3.** ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

TRANB_N5

Response: **ND.9.4.** ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SHLTA_5

Response: **ND.10.0.** During the **past 12 months**, did you get shelter or housing services where you got help with temporary or long-term housing including section 8 vouchers?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.10.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.10.1..

Else, → ND.11.0..

SHLTB_5

Response: **ND.10.1.** During the **past 12 months**, have you needed shelter or housing services?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.10.1. is 1 (yes), → ND.10.2..

Else, → ND.11.0..

SHLTC_N5

Response:

Intro_SHLTC_N5 "Were you not able to get this service for any of the following reasons:"

ND.10.2. ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SHLTD_N5

Response:

ND.10.3. ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SHLTE_N5

Response:

ND.10.4. ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

FOODA_N5

Response:

ND.11.0. During the **past 12 months**, did you get food assistance or food stamps from SNAP-Supplemental Nutrition Assistance Program or WIC-The Special Supplemental Nutrition Program for Women, Infants, and Children?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.11.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.11.1..
Else, → ND.12.0..

FOODB_N5

Response:

ND.11.1. During the **past 12 months**, have you needed food assistance or food stamps?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.11.1. is 1 (yes), → ND.11.2..
Else, → ND.12.0..

FOODE_N5

Response:

Intro_FOODE_N5 "Were you not able to get this service for any of the following reasons:"

ND.11.2. ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

FOODF_N5

Response: **ND.11.3.** ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

FOODD_N5

Response: **ND.11.4.** ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MLSF12_9

Response:

Intro_n5_MLSF12_9 "Next I'm going to ask about meal or food services. This is different from food assistance, which I just asked you about. Meal or food services include services such as soup kitchens, food pantries, food banks, church dinners, or food delivery services."

ND.12.0. During the **past 12 months**, did you get meal or food services?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.12.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.12.1..
Else, → ND.13.0..

MLSFOD_9

Response: **ND.12.1.** During the **past 12 months**, have you needed meal or food services?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.12.1. is 1 (yes), → ND.12.2..
Else, → ND.13.0..

MEALA_N5

Response:

Intro_MEALA_N5 "Were you not able to get this service for any of the following reasons:"

ND.12.2. ...because you didn't have enough money or insurance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MEALC_N5

Response: **ND.12.3.** ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MEALD_N5

Response: **ND.12.4.** ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

MEALB_N5

Response: **ND.12.5.** ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

GET_DOMS

Response: **ND.13.0.** During the **past 12 months**, did you get domestic violence services?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.13.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.13.1..
 Else, → ND.14.0..

NED_DOMS

Response: **ND.13.1.** During the **past 12 months**, have you needed domestic violence services?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.13.1. is 1 (yes), → ND.13.2..

If ND.13.1. is 0 (no), 7 (refused to answer) or 8 (don't know), → ND.14.0..

DOMSA_N5

Response:

Intro_DOMSA_N5 "Were you not able to get this service for any of the following reasons?"

ND.13.2. ...because you didn't have enough money or insurance?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DOMSC_N5

Response: **ND.13.3.** ...because you couldn't find the information you needed to get the service or didn't know it existed?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DOMSD_N5

Response:

ND.13.4. ...because the service didn't meet your needs or you weren't eligible for it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

DOMSB_N5

Response:

ND.13.5. ...because of personal reasons, such as you were afraid or embarrassed to get the service or you had other things going on in your life that made it difficult to get it?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

COND12_9

Response:

ND.14.0. During the **past 12 months**, have you gotten any free condoms, not counting those given to you by a friend, relative, or sex partner?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If ND.14.0. is 0 (no), 7 (refused to answer), or 8 (don't know), → ND.14.1.. Else, → INTRO_SSIA_N8.

NEDCONDN21

Response:

ND.14.1. During the **past 12 months**, have you needed free condoms?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Topic: Other disability (NS)

SSIA_N8

Response:

Intro_SSIA_N8 "The next question is about Supplemental Security Income or SSI. SSI is a federal program that provides money for food, clothing, and shelter for older persons or persons with disabilities."

NS.1.0. During the **past 12 months**, did you get SSI?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

SSDIA_N8

Response:

Intro_SSDIA_N8 "Now I'm going to ask about Social Security Disability Insurance or SSDI. SSDI is a federal insurance program that provides income to people unable to work because of a disability."

NS.2.0. During the **past 12 months**, did you get SSDI?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

Calculation_ENNEEDN5

N.0.a. ENNEEDN5 = Current time

Module: Prevention activities (P)**Topic: Prevention messages (PM)**

INFTX1N8

Response:

Intro_21_INFTX1N8 "Next, I'll ask you some questions about HIV information."

PM.1.0. Have you **ever** looked for information about HIV care and treatment from any source?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If PM.1.0. = 1 (yes), → PM.1.1.. If PM.1.0. = 0 (no), 8 (don't know) or 7 (refused to answer) → PR.1.0.

INFTX2N8

Response: **PM.1.1.** The **most recent** time that you looked for information about HIV care and treatment, what source did you use first? [READ RESPONSES. SELECT ONLY ONE.]

- 1 Internet
- 2 Brochure or pamphlet
- 3 Magazine
- 4 Doctor, nurse, or other healthcare worker
- 5 Family or friend
- 6 Other source
- 8 Don't Know
- 7 Refused to Answer

INFT3N8A

Response:

Intro_INFT3N8A "In general, how much would you trust information about HIV care or treatment from each of the following sources?"

PM.2.1. A doctor, nurse, or other health care worker [READ RESPONSES. SELECT ONLY ONE.]

- 0 Not at all
- 1 Somewhat
- 2 A great deal
- 8 Don't Know
- 7 Refused to Answer

INFT3N8B

Response: **PM.2.2.** Family or friend [READ RESPONSES. SELECT ONLY ONE.]

- 0 Not at all
- 1 Somewhat
- 2 A great deal
- 8 Don't Know
- 7 Refused to Answer

INFT3N8C

Response: **PM.2.3.** Centers for Disease Control and Prevention or CDC [READ RESPONSES. SELECT ONLY ONE.]

- 0 Not at all
- 1 Somewhat
- 2 A great deal
- 8 Don't Know
- 7 Refused to Answer

INFT3N8D

Response: **PM.2.4.** State or local health department [READ RESPONSES. SELECT ONLY ONE.]

- 0 Not at all
- 1 Somewhat
- 2 A great deal
- 8 Don't Know
- 7 Refused to Answer

INFT3N8E

Response: **PM.2.5.** Community-based organization [READ RESPONSES. SELECT ONLY ONE.]

- 0 Not at all
- 1 Somewhat
- 2 A great deal
- 8 Don't Know
- 7 Refused to Answer

INFT3N8F

Response: **PM.2.6.** Religious organization [READ RESPONSES. SELECT ONLY ONE.]

- 0 Not at all
- 1 Somewhat
- 2 A great deal
- 8 Don't Know
- 7 Refused to Answer

Topic: Risk reduction (PR)

TALK_A_21

Response: **PR.1.0** During the **past 12 months**, have you talked to a doctor, nurse, or other healthcare worker about how to prevent HIV or other STDs?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If POS1S_9 is Skipped, 8888 (don't know), or 7777 (refused to answer), then display the text as follows, "During the past 12 months, have you talked to a doctor, nurse, or other healthcare worker about how to prevent HIV or other STDs?"

If POS1S_9 is less than 12 months from IDATE or POS1S_9M is missing and POS1S_9Y = 1 year from IDATE then display the text as follows, "During the **past 12 months**, not including when you may have been tested for HIV, have you talked to a doctor, nurse or other healthcare worker about how to prevent HIV or other STDs?"

TALK_B_21

Response:

PR.2.0 During the **past 12 months**, have you talked to an outreach worker, counselor, or prevention program worker about how to prevent HIV or other STDs?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer

If POS1S_9 is Skipped, 8888 (don't know), or 7777 (refused to answer), then display the text as follows, "During the past 12 months, have you talked to an outreach worker, counselor, or prevention program worker about how to prevent HIV or other STDs?"

If POS1S_9 is less than 12 months from IDATE or POS1S_9M is missing and POS1S_9Y = 1 year from IDATE then display the text as follows, "During the **past 12 months**, not including when you may have been tested for HIV, have you talked to an outreach worker, counselor, or prevention program worker about how to prevent HIV or other STDs?"

Topic: HIV treatment as prevention (PB)

TASP1N8

Response:

PB.1.0. Have you heard that if you have an undetectable viral load, you will not pass on HIV to sexual partners?

- 0 No
- 1 Yes
- 8 Don't Know
- 7 Refused to Answer



Module: Interview completion (E)**Topic: End of interview (EE)**

Calculation_EN_INTN5

E.0. EN_INTN5 = Current time

RECCOMP

Intro_RECCOMP_8 "Thank you again for taking part in this interview. Please remember that all the information you have given me will be kept confidential. Now we are going to talk about services you may need or want."

EE.1.0. Interview end date:**Topic: Referrals and follow-up (EO)**RFLKPN8 Response:

If KE.1.0. is 0 (no), → EO.1.0.

If KU.2.0. is > 12 months prior to IP.1.2., → EO.1.0.

Else, → EO.2.0.

EO.1.0 [DON'T READ ALOUD] Did you offer the respondent information about a provider or HIV agency they can go to for HIV medical services or treatment? This includes offering them written or verbal information such as a contact name, location, phone number, or hours of operation of a provider or agency.

- 0 No
- 1 Yes, and respondent refused
- 2 Yes, and respondent accepted

RFLKA1N8 Response: **EO.1.1** [DON'T READ ALOUD] Did you offer to refer the respondent to a provider or HIV agency for appropriate HIV medical services or treatment?

- 0 No
- 1 Yes, and respondent refused
- 2 Yes, and respondent accepted

RFLKA2N8 Response: **EO.1.2** [DON'T READ ALOUD] Did you offer to make a medical appointment for the respondent for HIV medical services or treatment?

- 0 No
- 1 Yes, and respondent refused
- 2 Yes, and respondent accepted

PREV_N8 Response: **EO.2.0** [DON'T READ ALOUD] Did you offer the respondent HIV prevention materials such as palm cards, pamphlets, or videos?

- 0 No
- 1 Yes, and respondent refused
- 2 Yes, and respondent accepted

SMOKCEN8

Response:

If US.1.1. is 1 (daily), 2 (weekly), 3 (monthly) or 4 (less than monthly), → EO.3.0.
 If US.2.1. is 1 (every day), 2 (some days) or 3 (rarely), → EO.3.0.
 Else, → EO.4.0.

- EO.3.0** Earlier, you said that a healthcare professional has not advised you to quit smoking in the **past 12 months**. Would you like any assistance, information, or additional advice to help you quit smoking?
- 0 No
 - 1 Yes
 - 8 Don't Know
 - 7 Refused to Answer

Tokens are used to alter how this question appears based on the respondent's answer to CIG_DQ_8. If CIG_DQ_8 is 0 (no), then question should read, "Earlier, you said that a healthcare professional has not advised you to quit smoking in the **past 12 months**. Would you like any assistance, information, or advice to help you quit smoking?" If CIG_DQ_8 is 1 (yes), then question should read, "Earlier, you said that a healthcare professional advised you to quit smoking in the **past 12 months**. Would you like any assistance, information, or additional advice to help you quit smoking?" If CIG_DQ_8 is 7 (don't know) or 8 (Refused), the question should read "Earlier, we asked you if a healthcare professional has advised you to quit smoking in the **past 12 months**. Would you like any assistance, information, or additional advice to help you quit smoking?"

RFANS_8

Response:

- EO.4.0** [DON'T READ ALOUD] Which of the following additional resources were or will be offered to the respondent? [SELECT ALL THAT APPLY.]

[Resources previously indicated as needed by the respondent are flagged with an asterisk (*)]

RFANS_8A

Response:

- EO.4.0.** HIV case management services
- 0 No
 - 1 Yes

RFANS_8B

Response:

- EO.4.0.** Adherence counseling
- 0 No
 - 1 Yes

RFANS_8C

Response:

- EO.4.0.** ADAP
- 0 No
 - 1 Yes

RFANS_8D

Response:

- EO.4.0.** Patient navigation
- 0 No
 - 1 Yes

RFANS_8E

Response:

- EO.4.0.** HIV peer group support
- 0 No
 - 1 Yes

RFANS_8F	EO.4.0. Dental care 0 No 1 Yes	Response: <input type="text"/>
RFANS_8G	EO.4.0. Drug or alcohol counseling or treatment 0 No 1 Yes	Response: <input type="text"/>
RFANS_8H	EO.4.0. Mental health services 0 No 1 Yes	Response: <input type="text"/>
RFANS_8I	EO.4.0. Transportation 0 No 1 Yes	Response: <input type="text"/>
RFANS_8J	EO.4.0. Shelter or housing services 0 No 1 Yes	Response: <input type="text"/>
RFANS_8K	EO.4.0. Food assistance 0 No 1 Yes	Response: <input type="text"/>
RFANS_8L	EO.4.0. Meal or food services 0 No 1 Yes	Response: <input type="text"/>
RFANS_8M	EO.4.0. Domestic violence services 0 No 1 Yes	Response: <input type="text"/>
RFANS_8N	EO.4.0. Tobacco cessation services 0 No 1 Yes	Response: <input type="text"/>
RFANS_8P	EO.4.0. Condoms 0 No 1 Yes	Response: <input type="text"/>

RFANS_8Q

Response:

EO.4.0. No ancillary resources offered

- 0 No
- 1 Yes

Topic: Data validity (EV)

CONF

Response:

Intro_N8_CONF Interviewer instructions [DON'T READ ALOUD]: Don't pay the respondent if the respondent already participated in an MMP interview during the [INSERT CYCLE YEAR] data collection cycle OR the respondent is < 18 years old. Pay the respondent if the interview was partially or fully completed.

EV.1.0. [DON'T READ ALOUD] How confident are you of the validity of the respondent's answers?

- 1 Confident
- 2 Some doubts
- 3 Not confident at all

ADDCOM1

Response:

EV.2.0. [DON'T READ ALOUD] Record any additional comments, including disruptions that might have taken place during the interview, reason the interview might have been stopped, or why the respondent's answers may not have been reliable.

- 666 Not Applicable

TECHSAT_22

Response:

EV.3.0. Interviewer note: How satisfied or dissatisfied were you with the technical aspect of the [IF INTSE_21= 1 INSERT "telephone"; IF INTSE_21=2,3,4,5,6,8 INSERT "in-person"; IF INTSE_21=7 INSERT "video"] experience?

- 1 Extremely satisfied
- 2 Very satisfied
- 3 Neither
- 4 Very dissatisfied
- 5 Extremely dissatisfied

If IP.5.0. = 7, then → EV.4.0.. Else, → EL.1.0..

TECHDIFF_22

Response:

EV.4.0. Interviewer Note: Did you experience technical difficulties during the video interview?

- 0 no
- 1 yes

If EV.4.0. = 1, then → EV.4.1.. Else, → EL.1.0..

TECHDIFFSPEC_22

Response:

EV.4.1. Interviewer Note: What technical difficulty did you experience?

Please select all response options that apply.

- 1 Poor internet connection or bandwidth (might result in the meeting freezing or lagging)
- 2 poor audio quality (such as audio echoing)
- 3 poor video quality
- 4 user issues (participant had trouble turning on audio or starting video)
- 5 had to use backup video platform
- 6 other

If EV.4.1. = 6, then → EV.4.2.. Else, → EL.1.0..

TECHDIFFOS_22

Response: **EV.4.2.** Interviewer Note: What other technical difficulty did you experience?**Topic: Local questions (EL)**

LOCSURN6

Response: **EL.1.0.** Interviewer instructions: Does your project area ask local questions? If yes, press "Yes" to continue to local questions. If not, press "No" to end.

- 0 No
- 1 Yes

Medical Monitoring Project Calendar

2021

January 21						
Su	Mo	Tu	We	Th	Fr	Sa
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February 21						
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March 21						
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April 21						
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May 21						
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June 21						
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July 21						
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August 21						
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September 21						
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October 21						
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November 21						
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December 21						
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Medical Monitoring Project Calendar

2022

January 22						
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February 22						
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March 22						
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June 22						
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July 22						
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Medical Monitoring Project Calendar

2023

January 23						
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Response cards

Response Card A			
	Monthly Household Income		Yearly Household Income
a.	\$0 to \$916 per month	or	\$0 to \$10,999 per year
b.	\$917 to \$1,083 per month	or	\$11,000 to \$12,999 per year
c.	\$1,084 to \$1,249 per month	or	\$13,000 to \$14,999 per year
d.	\$1,250 to \$1,416 per month	or	\$15,000 to \$16,999 per year
e.	\$1,417 to \$1,666 per month	or	\$17,000 to \$19,999 per year
f.	\$1,667 to \$2,083 per month	or	\$20,000 to \$24,999 per year
g.	\$2,084 to \$2,499 per month	or	\$25,000 to \$29,999 per year
h.	\$2,500 to \$3,333 per month	or	\$30,000 to \$39,999 per year
i.	\$3,334 to \$4,166 per month	or	\$40,000 to \$49,999 per year
j.	\$4,167 to \$6,249 per month	or	\$50,000 to \$74,999 per year
k.	\$6,250 or more per month	or	\$75,000 or more per year

Response Card B

Extremely
Quite a bit
Somewhat
A little bit
Not at all

Response Card C

None of the time
A little of the time
About half of the time
Most of the time
All of the time

Response Card D

Never
Rarely
About half of the time
Most of the time
Always

Response Card E

Not at all
Several days
More than half the days
Nearly every day

Response Card F

Daily

Weekly

Monthly

Less than monthly

Never

Response Card G

Strongly disagree

Somewhat disagree

Neutral

Somewhat agree

Strongly agree

Alcohol Response Card**12 fl oz of
regular beer**

=

**8–9 fl oz of
malt liquor**
(shown in a
12 oz glass)

=

**5 fl oz of
table wine**

=

**1.5 fl oz shot of
80-proof spirits**
("hard liquor"—
whiskey, gin, rum,
vodka, tequila, etc.)about 5%
alcoholabout 7%
alcoholabout 12%
alcoholabout 40%
alcohol

The percent of "pure" alcohol, expressed here as alcohol by volume (alc/vol), varies by beverage.