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MEDICAL MONITORING PROJECT

2015–2017 Questionnaire

Version 11.5.0

Public reporting burden of this collection of information is estimated to average 45 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: CDC, Project Clearance Officer, 1600 Clifton Road, MS D–74, Atlanta, GA 30329, ATTN: PRA (0920–0740). Do not send the completed form to this address.

Department of Health and Human Services
Public Health Service
Centers for Disease Control and Prevention
Atlanta, GA 30329

CENTERS FOR DISEASE CONTROL AND PREVENTION

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Survey documentation

MS Word document key

Grey cell	Grey shaded cells are used to indicate interviewer instructions including skip patterns. Color white, background 1, darker 15%. If “interviewer_note_,” “Skip_,” then shade table cell using the following color: white, background 1, darker 15%.
Aqua blue cell	Aqua blue shaded cells are used to indicate QDS programming note. Color aqua, accent 5, and lighter 80%. If “label_”, “calculation_”, “range_”, “QDS_programming_,” “hard_edit_,” “soft_edit_,” then shade table cell using the following color: aqua, accent 5, lighter 80%.
Dark red font	Dark red font indicates a previously used variable. Color accent 2, darker 50%.
Olive green font	Olive green font indicates a new variable: Color olive green, accent 3, darker 50%.
Grey font	Grey font indicates that the interviewer should not read the response set to respondent.
Bold	Bold text indicates time references.
Underline	Text that is underlined indicates words that are to be emphasized.
Numbering	1st character is an alpha value indicating each module (e.g., Eligibility Criteria is **Y**) 2nd character is an alpha value indicating the question topic (e.g., Age is Y**A**) 3rd character is a numeric value indicating the question number (e.g., YA**1**) 4th character is a numeric value indicating whether the question is a stem question (e.g., YA1.**0**.) or a sub-question (e.g., YA1.**1**.). 0 denotes that the question is a stem question and 1, 2, 3… denotes that the question is a sub-question.
Table cell width	7 inches

Variable naming conventions

New variable convention	New variable name will end with the letter N and a number that corresponds to the data collection cycle. For example ABCN5 would indicate this is a new variable for the 2015 cycle. This convention was instituted in the 2013 cycle.
Revised variable convention	At the end of the variable_5 will indicate that the question was revised in some way during the 2015 cycle. Example: ABCN3_5 Note that_5 is placed after N3. The_5 denotes the 2015 data collection cycle. This convention was instituted in the 2009 cycle.
Other specify variable conventions	All other specify variables end in OS. A new variable that was changed in a later cycle with an “other specify” option will read as follows: ABC3_5OS.
New specifications convention	New specifications name will begin with the letter N and a number that corresponds to the data collection cycle. For example Intro_N5_ABCN4 would indicate this is a new specification for the 2015 cycle, but the variable was created in 2014 and remained unchanged in 2015. This convention was instituted in the 2015 cycle.
Revised specifications convention	At the beginning of the specifications an_5 will indicate that the specification was revised in some way during the 2015 cycle. Example: Intro_5_ABCN3 where the intro was changed in the 2015 cycle, but the variable was created in the 2013 cycle and remains the same. Note that_5 is placed before the variable. The_5 denotes the 2015 data collection cycle. This convention was instituted in the 2015 cycle.

QDS programming notes

Additional programming notes are located throughout the questionnaire.

Standard codes	Don't know = 8, Ref = 7, Not applicable = 6.
Intro_[INSERT VARIABLE NAME]	Use for any Introductory statements prior to a question or section. These are coded as separate boxes before the question.
Label_[INSERT VARIABLE NAME]	Use for all variable labels.
Range_[INSERT VARIABLE NAME]	Use for all range values.
Skip_[INSERT VARIABLE NAME]	Use for skip logic instructions. Skips are notes for the interviewers, but also provide coding instructions.
Soft_edit_[INSERT VARIABLE NAME]	Use for all soft edit checks where the program can advance without a corrected response.
Hard_edit_[INSERT VARIABLE NAME]	Use for all hard edit checks where the program does not move forward without a corrected response.
Calculation_[INSERT VARIABLE NAME]	Use for all calculated variables and explanation of how the variable will be used.
Analysis_[INSERT VARIABLE NAME]	Use for analysis. These calculations will not be made in the survey software application.
Interviewer_note_[INSERT VARIABLE NAME]	Use for all instructions for the interviewer that are not read aloud to the respondent
QDS_programming_[INSERT VARIABLE NAME]	Use for all other notes not described above.
Version	Use Questionnaire Development System 2.6.1 along with most recent patch.
Advancing	Every question requires a response to move forward in the application unless noted otherwise.
Dates	All data values should use a similar format as the following: 01/30/2015.
Codebook	The QDS codebook should have a brief description of the variable including all calculated variables. Label module and topics in the codebook. Use the Table of Contents for guidance. Modules are under Heading 1 and sections are under Heading 2 in the MS Word version of the questionnaire.
Text limit	The maximum size of text values is 100 unless noted otherwise.
Screen setting	Recommended CAPI screen setting of at least 1024 by 768.
Local questions	Please allow for programming of local questions at the end of the questionnaire.

Calculations

All date variables	Create an automatic variable that is a copy of the date variable. For example, if the variable for date was called DATE, then the automatic variable would look like: a. variable name: TXFORM, b. type of data: String Expression, c. numeric calculation/string expression: DATE.
Calculation_AGEIDATE	Calculate the respondent's age at the time of the interview using DOB_13 (date of birth) and IDATE (interview date).
Label_AGEIDATE	Respondent's age at date of interview.
Calculation_IDATE12	Calculate the date 12 months prior to IDATE (interview date). Example, if IDATE is 12/02/2016, then IDATE12 is 12/02/2015.
Label_IDATE12	12 months prior to interview date.

Calculation_IDATE7	Calculate the date 7 days prior to IDATE (interview date). Example, if IDATE is 12/08/2016, then IDATE7 is 12/01/2016.
Label_IDATE7	7 days prior to interview date.
Calculation_LANGUAG	If the English version of the questionnaire is used, then LANGUAG=EN. If the Spanish version of the questionnaire is used, then LANGUAG=SP.
Label_LANGUAG	Language of questionnaire.
Calculation_LAST YEAR	Calculate last calendar year LASTYEAR= (Current year) - 1.
Label_LASTYEAR	Last calendar year.
Calculation_STELIGIB	Calculate start time of eligibility criteria.
Label_STELIGIB	Start time of eligibility criteria.
Calculation_QDSVERN3	Document the QDS version used to create the QAD file. QDSVERN3 = create a calculated variable for QDS version number. For the 2015-2017 cycles, the value is 2.6.1.
Label_QDSVERN3	QDS software version.
Calculation_VERSION	Calculate questionnaire version number using variable name VERSION. This must be updated every time a change is made in the application. 11.X.X.
Label_VERSION	QDS file version.

Preliminary Information (I)

Prior to interview (IP)

Intro_IDATE		"Interviewer note: Enter the following information prior to interview."
IDATE	IP.1.0.	Interview date: ☐☐/☐☐/☐☐☐☐ M M D D Y Y Y Y
Label_IDATE		Interview date
QDS_programming_IDATE		Automatically calculate IDATE (interview date) in QDS using the date on the device
Calculation_CLCSDTN5		IDATE — CLCSDTN5 June 1, 2015 – May 31, 2016 — 12/31/2014 June 1, 2016 – May 31, 2017 — 12/31/2015 June 1, 2017 – May 31, 2018 — 12/31/2016 June 1, 2018 – May 31, 2019 — 12/31/2017 June 1, 2019 – May 31, 2020 — 12/31/2018
Label_CLCSDTN5		Sample draw date based on interview date
SITEID	IP.2.1.	Site ID of jurisdiction where person was sampled: ___ ___ ___ ___
Label_SITEID		Site ID where person sampled
QDS_programming_SITEID		4 digits with leading 0s
Hard_edit_SITEID		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, 0053, 0024, 0025, and 0045. Else, READ "Site ID is invalid." Return to SITEID (site ID where person sampled).
Calculation_SJURN5		Name of sampling jurisdiction based on SITEID (site ID where person sampled). SITEID — SJURN5 0006 — California 1600 — Chicago 0010 — Delaware 0012 — Florida 0013 — Georgia 3360 — Houston 0017 — Illinois 0018 — Indiana 4480 — Los Angeles County 0026 — Michigan 0028 — Mississippi 0034 — New Jersey 0036 — New York 5600 — New York City

	0037	North Carolina
	0041	Oregon
	0042	Pennsylvania
	6160	Philadelphia
	0072	Puerto Rico
	7360	San Francisco
	0048	Texas
	0051	Virginia
	0053	Washington
	0024	Maryland
	0025	Massachusetts
	0045	South Carolina
Label_SJURN5		Name of sampling jurisdiction
Calculation_CYGSN5		Calculate guess of cycle using CYGSN5 (cycle year based on date of interview) If the date is June 1, 2015-May 31, 2016, then CYGSN5= 2015. If the date is June 1, 2016-May 31, 2017, then CYGSN5= 2016. If the date is June 1, 2017-May 31, 2018, then CYGSN5= 2017 If the date is June 1, 2018-May 31, 2019, then CYGSN5= 2018. If the date is June 1, 2019-May 31, 2020, then CYGSN5= 2019.
Label_ CYGSN5		Cycle year based on date of interview
CYGSVN5	IP.2.2.	Based on the current date of [INSERT IDATE], the current data collection year is probably [INSERT CYGSN5]. Is that correct? No Yes
Label_CYGSVN5		Verify cycle year guess
Skip_CYGSVN5		If CYGSVN5 (verify sampling date) = 1 (yes), then skip to Calculation_5_CYCYR (calculation of cycle year). If CYGSVN5 (verify cycle year guess) = 0 (no), then go to CYENTN5 (entered cycle year).
CYENTN5	IP.2.3.	Enter 4-digit cycle year: ___ ___ ___ ___
Label_CYENTN5		Entered cycle year
Range_CYENTN5		The cycle year should be between 2015 and 2030.
Calculation_5_CYCYR		If CYGSVN5 (verify cycle year guess) = 1 (yes), then CYCYR (verified cycle year) = CYGSN5 (cycle year based on date of interview). If CYGSVN5 (verify cycle year guess) = 0 (no), then CYCYR (verified cycle year) = CYENTN5 (entered cycle year).
Label_CYCYR		Verified cycle year.
INDID	IP.2.4.	Respondent ID: ___ ___ ___ ___
Label_INDID		Respondent ID
Range_INDID		0001-9999
QDS_programming _INDID		4 digits with leading 0s
Hard_edit_INDID		If number if less than 4 digits, then READ “Number must be four

		digits." Return to INDID (respondent ID).
Calculation_5_PARID		Calculate PARID (participant ID) by combining SITEID (site ID where person sampled) and 09 and last two digits of CYCYR (verified cycle year) and INDID (respondent ID).
Label_PARID		Participant ID
Range_PARID		0000-0000-0001 to 9999-9999-9999
IDCONFN3	IP.2.5.	The Participant ID is __ __ __ __—__ __ __ __—__ __ __ __. Is that correct? No 0 Yes 1
Label_IDCONFN3		Confirmation of PARID
QDS_programming_IDCONFN3		Program should read dashes after every 4th number for legibility (e.g., "The participant ID is 1111-2222-3333. Is that correct?")
Hard_edit_IDCONFN3		If IDCONFN3 (confirmation of PARID) is 0 (no), then READ, "Interviewer: Please re-enter participant ID." Return to SITEID (site ID where person sampled).
INTID	IP.3.0.	Interviewer ID: ___ ___ ___
Label_INTID		Interviewer ID
Range_INTID		001–999
Hard_edit_INTID		If number if less than 3 digits, then READ "Number must be three digits." Return to INTID (interviewer ID).
INTSE_12	IP.4.0.	Interview setting: [SELECT ONLY ONE.] Outpatient health facility 1 Inpatient health facility 2 Prison or jail facility 3 Community-based organization 4 Private home 5 Public venue (e.g., coffee shop, library) 6 Health department 7 Telephone 8 Other 9
Label_INTSE_12		Interview setting
SDTVERN5	IP.5.0.	Based on the current date of [INSERT IDATE], the sampling date for this data collection cycle is probably [INSERT CLCSDTN5]. Is that correct? No 0 Yes 1
Label_SDTVERN5		Verify sampling date
Skip_SDATEN5		If SDTVERN5 (verify sampling date) = 1 (yes), then skip to Calculation_CMBOSDN5 (combination sampling date variable). If SDTVERN5 (verify sampling date) = 0 (no), then go to SDATEN5 (date

		sample was drawn).
SDATEN5	IP.5.1.	Enter sampling date: ☐ ☐ / ☐ ☐ / ☐ ☐ ☐ ☐ M M D D Y Y Y Y
Range_SDATEN5		1/1/2012 and 12/31/2020
Label_SDATEN5		Date sample was drawn
Calculation_CMBOSDN5		If SDTVERN5 (verify sampling date) = 1 (yes), then CMBOSDN5 (combination sampling date) = CLCSDTN5 (sample draw date based on interview date). If SDTVERN5 (verify sampling date) = 0 (no), then CMBOSDN5 (combination sampling date) = SDATEN5 (sampling date).
Label_CMBOSDN5		Combination sampling date
IJURN5	IP.6.0	What is the site ID of the jurisdiction completing the interview? ___ ___ ___ ___
Label_IJURN5		Site ID of jurisd. completing interview
QDS_programming_IJURN5		4 digits with leading 0s
Hard_edit_IJURN5		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, 0053, 0024, 0025, and 0045. Else, READ "The site ID of the jurisdiction completing the interview is invalid." Return to IJURN5 (Site ID of jurisd. completing interview).

Introduction (IN)

Intro_5_SURVEYIN	"I'd like to thank you for taking part in this interview. Remember that all the information you give me will be kept confidential and your name won't be recorded in the survey responses. The answers to some questions may seem obvious to you, but I need to ask you all of the questions."
Skip_5_SURVEYIN	If INTSE_12 (interview setting) is 8 (telephone interview), then go to Intro_5_INTROTEL; else skip to next topic (Calculation_ST_INTN5).
Intro_5_INTROTEL	"You have chosen to complete the interview over the telephone. Before we begin, I would like to remind you that there is a set of response cards that I will ask you to refer to throughout the course of the interview. These response cards will be needed for some of the questions you will be asked during the interview. The set of cards contains a calendar, some pictures, and text to help guide you through the response options for some of the questions. Each card is labeled. Please keep this set of response cards nearby so you can use them when needed. I will let you know which questions require response cards and the label that corresponds to the card that is needed."

Eligibility criteria (Y)

Calculation_ST_INTN5		ST_INTN5 = Current time.
Label_ST_INTN5		Start of Interview

Age (YA)

DOB_13	YA.1.0.	Please tell me the month and year of your date of birth? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_DOB_13		Date of birth
QDS_programming_ DOB_13		DOB_13 (date of birth) requires a response for both the month and year. Partial date is not accepted.
Skip_DOB_13		Ask age verification question for persons with an estimated age of 18+/- 2 months. If the respondent has an estimated age of less than 18 years of age minus 2 months on sampling date (CMBOSDN5 [combination sampling date] minus DOB_13 [date of birth] < 18*365.25-31*2), then READ, "I am only interviewing people who were age 18 years or older on [INSERT CMBOSDN5 (combination sampling date)] . Thank you very much for your time." Then skip to Calculation_EN_INTN5 (end of interview). If DOB_13 (date of birth) is 7 (refused to answer) or 8 (don't know), or if estimated age is less than 18 plus 2 months on the sampling date (CMBOSDN5 [combination sampling date] minus DOB_13 < 18*365.25+31*2, go to AGE_VER1 (age verification). Else, skip to next topic (PARTCPT, ever participation).
Hard_edit_DOB_13		DOB_13 (date of birth) cannot be earlier than January 1, 1900. If date is earlier than January 1, 1900, then READ, "Date of birth cannot be earlier than January 1, 1900." Return to DOB_13 (date of birth). DOB_13 (date of birth) cannot be later than the IDATE (interview date). If date is later than the IDATE (interview date), then READ, "Date of birth cannot be later than today's date." Return to DOB_13 (date of birth).
Calculation_DOBAG_13		Calculate age of respondent using DOB_13 (date of birth). Use the 1st of the month to calculate age.
Label_DOBAG_13		Age of respondent
AGE_VER1	YA.1.1.	Are you at least 18 years old **today**? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_AGE_VER1		Age verification
Skip_AGE_VER1		If AGE_VER1 (age verification) is 0 (no), 7 (refused to answer), or 8 (don't know), then READ, "I am only interviewing people who are 18 years or older. Thank you very much for your time." Then skip to Calculation_EN_INTN5 (end of interview). Else go to next topic (PARTCPT,

ever participation).

MMP participation (YM)

PARTCPT	YM.1.0.	Have you **ever** participated in the MMP interview? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PARTCPT		Ever participation
Skip_PARTCPT		If PARTCPT (ever participation) = 1 (yes), go to PARTIC (date of participation). If PARTCPT (ever participation) = 0 (no) or 8 (don't know), then skip to next topic (CURLVN5, current residence). If PARTCPT (ever participation), is 7 (refused to answer), READ, "I'm only interviewing people who haven't already been interviewed during this data collection year. Thank you very much for your time." and skip to Calculation_EN_INTN5 (end time interview).
PARTIC	YM.1.1.	What month and year did you participate in the MMP interview? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_PARTIC		Date participated in MMP
QDS_programming_PARTIC		Month is not required. Year is required.
Range_PARTIC		PARTIC (date participated in MMP) cannot be earlier than January 2005 or later than IDATE (interview date).
CURCYN5	YM.1.2.	Interviewer question [DON'T READ]: Was the participant interviewed for MMP during the **current** data collection cycle? No 0 Yes 1 Don't know 8
Label_CURCYN5		Interviewed in current cycle
Skip_CURCYN5		If CURCYN5 (interviewed in current cycle) is 1 (yes), READ, "I'm only interviewing people who haven't already been interviewed during this data collection year. Thank you very much for your time." Skip to Calculation_EN_INTN5 (end time interview). If PARTCPT (ever participation) is 0 (no) or 8 (don't know), then skip to next topic (CURLVN5, current residence).

Residence (YS)

Current residence

CURLVN5	YS.1.0.	What state do you **currently** live in? [DON'T READ RESPONSES. SELECT ONLY ONE.]

		California	1
		Delaware	2
		Florida	3
		Georgia	4
		Illinois	5
		Indiana	6
		Maryland	7
		Massachusetts	8
		Michigan	9
		Mississippi	10
		New Jersey	11
		New York	12
		North Carolina	13
		Oregon	14
		Pennsylvania	15
		Puerto Rico	16
		South Carolina	17
		Texas	18
		Virginia	19
		Washington	20
		Any other U.S. state or D.C.	21
		Outside the United States or in another U.S. territory	22
		Refused to answer	77
		Don't know	88
Label_CURLVN5		Current residence	
Skip_CURLVN5		If CURLVN5 (current residence), is 1 (CA), 5 (IL), 12 (NY), 15 (PA), or 18 (TX), go to MMPCTYN5 (MMP city). If CURLVN5 (current residence) is 77 (refused to answer), or 88 (don't know), skip to SAMPLVN5 (residence on sampling date). If CURLVN5 (current residence) is 21 (any other US state or territory), skip to NONMSTN5 (non-MMP state). If CURLVN5 (current residence) is 2 (DE), 3 (FL), 4 (GA), 6 (IN), 7 (MD), 8 (MA), 9 (MI), 10 (MS), 11 (NJ), 13 (NC), 14 (OR), 16 (PR), 17 (SC), 19 (VA), or 20 (WA), skip to Intro_LNGLVYN5 (years lived in current residence). If CURLVN5 (current residence) is 22 (outside the United States or in another U.S. territory), skip to Intro_LNGLVYN5 (years lived in current residence).	
MMPCTYN5	YS.1.1.	What city do you **currently** live in? [DON'T READ RESPONSES. SELECT ONLY ONE.]	
		Chicago	1
		Houston	2
		Los Angeles County	3
		New York City	4
		Philadelphia	5
		San Francisco	6
		Other U.S. city	7
		Refused to answer	77

Don't know 88

Label_MMPCTYN5
MMP current city of residence

Hard_edit_MMPCTYN5
Only valid combinations for MMPCTYN5 (MMP city of residence) and CURLVN5 (current residence) are:

CURLVN5	CURLVN5 Description	MMPCTYN5	MMPCTYN5 Description
1	California	3	Los Angeles County
1	California	6	San Francisco
1	California	7	Other U.S. City
1	California	77	Refused
1	California	88	Don't Know
5	Illinois	1	Chicago
5	Illinois	7	Other U.S. City
5	Illinois	77	Refused
5	Illinois	88	Don't Know
12	New York	4	New York City
12	New York	7	Other U.S. City
12	New York	77	Refused
12	New York	88	Don't Know
15	Pennsylvania	5	Philadelphia
15	Pennsylvania	7	Other U.S. City
15	Pennsylvania	77	Refused
15	Pennsylvania	88	Don't Know
18	Texas	2	Houston
18	Texas	7	Other U.S. City
18	Texas	77	Refused
18	Texas	88	Don't Know

Else, READ "That city does not match with the state you selected. Please tell me the city again." Return to MMPCTYN5 (MMP city of residence).

Skip_MMPCTYN5
Skip to Intro_LNGLVYN5 (years lived in current residence).

NONMSTN5 YS.1.2.
Interviewer instructions [DON'T READ]:
Enter the two-character state abbreviation. For reference, the remaining states are Alabama (AL), Alaska (AK), Arizona (AZ), Arkansas (AR), Colorado (CO), Connecticut (CT), District of Columbia (DC), Hawaii (HI), Idaho (ID), Iowa (IA), Kansas (KS), Kentucky (KY), Louisiana (LA), Maine (ME), Minnesota (MN), Missouri (MO), Montana (MT), Nebraska (NE), Nevada (NV), New Hampshire (NH), New Mexico (NM), North Dakota (ND), Ohio (OH), Oklahoma (OK), Rhode Island (RI), South Dakota (SD), Tennessee (TN), Utah (UT), Vermont (VT), West Virginia (WV), Wisconsin (WI), Wyoming (WY).

___ ___
77 = Refused to answer, 88= Don't know

Label_NONMSTN5
Non-MMP state abbreviation

Hard_edit_NONMSTN5
Only valid values for NONMSTN5 (non-MMP state) are:
AL, AK, AZ, AR, CO, CT, DC, HI, ID, IA, KS, KY, LA, ME, MN, MO, MT, NE, NV, NH, NM, ND, OH, OK, RI, SD, TN, UT, VT, WV, WI, WY, 77, 88.

		Else, READ: “Incorrect abbreviation, consult list of remaining states.” Return to NONMSTN5 (non-MMP state abbreviation).
Intro_LNGLVYN5		“How many years and months have you lived there?”
LNGLVYN5	YS.1.3.	Interviewer instructions [DON’T READ]: Enter the number of years. ___ ___ ___ (years) 777 = Refused to answer, 888= Don’t know
Label_LNGLVYN5 Range_LNGLVYN5 Hard_edit_LNGLVYN5		Years lived in current residence 0–110 LNGLVYN5 (years lived in current residence) cannot be greater than Calculation_DOBAG_13 (age of respondent). If LNGLVYN5 (years lived in current residence) > Calculation_DOBAG_13 (age of respondent), then READ: “The number of years that you lived at your current residence cannot be greater than your age.” Return to LNGLVYN5 (years lived in current residence). If Calculation_DOBAG_13 is 77 (refused to answer) or 88 (don’t know), then program should advance to Skip_edit_LNGLVYN5.
Skip_edit_LNGLVYN5		If LNGLVYN5 (years lived in current residence) is 77 (refused) or 88 (don’t know), then skip to LVPASN5 (when last lived in project area of sampling). Else go to LNGLVMN5.
LNGLVMN5	YS.1.4.	Interviewer instructions [DON’T READ]: Enter the number of months. ___ ___ (months) 77 = Refused to answer, 88= Don’t know
Label_LNGLVMN5 Range_LNGLVMN5 Calculation_LONGLVN5 Label_LONGLVN5 Calculation_N5_CURFIPS		Months lived in current residence 0–12 Calculate time lived in current residence in days. If LNGLVMN5 is 77, 88, or missing, this can be calculated as LNGLVYN5*365.25. Otherwise, this can be calculated as LNGLVYN5*365.25+ LNGLVMN5*30.45. Then go to Calculation_N5_CURFIPS. Time in current residence Calculate variable CURFIPS (FIPS code of current residence) as follows (e.g., If CURLVN5 = 1 and MMPCTYN5 = 7, then CURFIPS = 0006):

CURLVN5	Description of State Variable	MMPCTYN5	Description of City Variable	CURFIPS
1	California	7	Other U.S. City	0006
1	California	3	Los Angeles County	4480
1	California	6	San Francisco	7360
2	Delaware	NA	Skipped	0010
3	Florida	NA	Skipped	0012
4	Georgia	NA	Skipped	0013
5	Illinois	7	Other U.S. City	0017
5	Illinois	1	Chicago	1600
6	Indiana	NA	Skipped	0018
7	Maryland	NA	Skipped	0024

	8	Massachusetts	NA	Skipped	0025
	9	Michigan	NA	Skipped	0026
	10	Mississippi	NA	Skipped	0028
	11	New Jersey	NA	Skipped	0034
	12	New York	7	Other U.S. City	0036
	12	New York City	4	New York City	5600
	13	North Carolina	NA	Skipped	0037
	14	Oregon	NA	Skipped	0041
	15	Pennsylvania	7	Other U.S. City	0042
	15	Pennsylvania	5	Philadelphia	6160
	16	Puerto Rico	NA	Skipped	0072
	17	South Carolina	NA	Skipped	0045
	18	Texas	7	Other U.S. City	0048
	18	Texas	2	Houston	3360
	19	Virginia	NA	Skipped	0051
	20	Washington	NA	Skipped	0053
	Anything else	Any other code	NA		
Label_CURFIPS	FIPS code of current residence				
Skip_LONGLVN5	If LONGLVN5 (time in current residence) is blank and CURLVN5 (current residence) is 22 (outside the US), then go to LVPASN5 (when last lived in project area of sampling). If LONGLVN5 (time in current residence) ≥ (IDATE [interview date] *minus* CMBOSDN5 [combination sampling date]) and CURLVN5 (current residence) is 22 (outside the US), then READ, "I'm only interviewing people who lived in the United States on [INSERT CMBOSDN5]. Thank you very much for your time." Then skip to Calculation_EN_INTN5 (end time of interview). If CURFIPS (FIPS code of current residence) is equal to SITEID (site ID where person sampled) and not blank, skip to Skip_LVPASN5. If CURFIPS (FIPS code of current residence) is blank go to LVPASN5 (when last lived in project area of sampling). If CURFIPS (FIPS code of current residence) is not equal to SITEID (site ID where person sampled), go to LVPASN5 (when last lived in project area of sampling).				

Last residence in project area of sampling

LVPASN5	YS.1.5.	What month and year did you **last** live in [INSERT SJURN5]? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know, 66=Not applicable; Year: 7777 = Refused to answer, 8888 = Don't know, 6666=Not applicable.]
Label_LVPASN5		When last lived in PA of sampling
QDS_programming_LVPASN5		Enable "not applicable" option for this question.
Hard_edit_LVPASN5		LVPASN5 (when last lived in PA of sampling) cannot be later than IDATE (interview date). If LVPASN5 > IDATE (interview date), then READ, "Date cannot be later than today." Do not allow program to advance. LVPASN5

	(when last lived in PA of sampling) cannot be earlier than DOB_13 (date of birth). If LVPASN5 < DOB_13 (date of birth), then READ, "Date cannot be earlier than date of birth." Do not allow program to advance.
Skip_LVPASN5	If LONGLVN5 (time in current residence) is blank, then go to SAMPLVN5 (residence on sampling date). Else if LONGLVN5 (time in current residence) < (IDATE [interview date] *minus* CMBOSDN5 [combination sampling date]), then go to SAMPLVN5 (residence on sampling date). Else if LONGLVN5 (time in current residence) < 12 months, skip to SPLV_N5 (residence at start of SP). Else, skip to next topic (POS1S_9, date first tested positive for HIV).

Residence during sampling date

SAMPLVN5	YS.2.0.	What state did you live in on [INSERT CMBOSDN5]? [DON'T READ RESPONSES. SELECT ONLY ONE.]	
		California	1
		Delaware	2
		Florida	3
		Georgia	4
		Illinois	5
		Indiana	6
		Maryland	7
		Massachusetts	8
		Michigan	9
		Mississippi	10
		New Jersey	11
		New York	12
		North Carolina	13
		Oregon	14
		Pennsylvania	15
		Puerto Rico	16
		South Carolina	17
		Texas	18
		Virginia	19
		Washington	20
		Any other U.S. state or D.C.	21
		Outside the United States or in another U.S. territory	22
		Refused to answer	77
		Don't know	88
Label_SAMPLVN5		Residence on sampling date	
Skip_SAMPLVN5		If SAMPLVN5 (residence on sampling date), is 1 (California), 5 (Illinois), 12 (New York), 15 (Pennsylvania), or 18 (Texas), go to SAMPCTN5 (MMP city of residence at sampling). If SAMPLVN5 (residence on sampling date) is 22 (outside the US), 77 (refused to answer), or 88 (don't know) READ, "I'm only interviewing people who lived in the United States on [INSERT CMBOSDN5]. Thank you very much for your time." Skip to Calculation_EN_INTN5 (end of interview). If SAMPLVN5 (residence on sampling date) is 21, skip to NMSAMPN5 (non-MMP state residence at sampling abbreviation). If	

		SAMPLVN5 (residence on sampling date) is 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 16, 17, 19, or 20 and LONGLVN5 (time in current residence) is blank, then skip to SPLV_N5 (residence at start of SP). If SAMPLVN5 (residence on sampling date) is 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 16, 17, 19, or 20 and LONGLVN5 (time in current residence) < 12 months, then skip to SPLV_N5 (residence at start of SP). If SAMPLVN5 (residence on sampling date) is 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 16, 17, 19, or 20 and LONGLVN5 (time in current residence) ≥ 12 months, then skip to next topic (POS1S_9, date first tested positive for HIV).
SAMPCTN5	YS.2.1.	What city did you live in at that time? [DON'T READ RESPONSES. SELECT ONLY ONE.] Chicago 1 Houston 2 Los Angeles County 3 New York City 4 Philadelphia 5 San Francisco 6 Other U.S. city 7 Refused to answer 77 Don't know 88
Label_SAMPCTN5		MMP city of residence at sampling
Hard_edit_SAMPCTN5		Only valid combinations for SAMPCTN5 (MMP city of residence at sampling) and SAMPLVN5 (residence on sampling date) are:

SAMPLVN5	SAMPLVN5 Description	SAMPCTN5	SAMPCTN5 Description
1	California	3	Los Angeles County
1	California	6	San Francisco
1	California	7	Other U.S. City
1	California	77	Refused
1	California	88	Don't Know
5	Illinois	1	Chicago
5	Illinois	7	Other U.S. City
5	Illinois	77	Refused
5	Illinois	88	Don't Know
12	New York	4	New York City
12	New York	7	Other U.S. City
12	New York	77	Refused
12	New York	88	Don't Know
15	Pennsylvania	5	Philadelphia
15	Pennsylvania	7	Other U.S. City
15	Pennsylvania	77	Refused
15	Pennsylvania	88	Don't Know
18	Texas	2	Houston
18	Texas	7	Other U.S. City
18	Texas	77	Refused
18	Texas	88	Don't Know

		If it is a valid combination, go to Skip_SAMPCTN5 (MMP city of residence at sampling). If it is not a valid combination, READ: "That city does not match with the state you selected. Please tell me the city again." Return to SAMPCTN5 (MMP city of residence at sampling).
Skip_SAMPCTN5		If LONGLVN5 (time in current residence) is blank, then skip to SPLV_N5 (residence at start of SP). If LONGLVN5 (time in current residence) < 12 months, then skip to SPLV_N5 (residence at start of SP). Else skip to next topic (POS1S_9, date first tested positive for HIV).
NMSAMPN5	YS.2.2.	Interviewer instructions [DON'T READ]: Enter the two-character state abbreviation. For reference, the remaining states are Alabama (AL), Alaska (AK), Arizona (AZ), Arkansas (AR), Colorado (CO), Connecticut (CT), District of Columbia (DC), Hawaii (HI), Idaho (ID), Iowa (IA), Kansas (KS), Kentucky (KY), Louisiana (LA), Maine (ME), Minnesota (MN), Missouri (MO), Montana (MT), Nebraska (NE), Nevada (NV), New Hampshire (NH), New Mexico (NM), North Dakota (ND), Ohio (OH), Oklahoma (OK), Rhode Island (RI), South Dakota (SD), Tennessee (TN), Utah (UT), Vermont (VT), West Virginia (WV), Wisconsin (WI), Wyoming (WY). ___ ___ 77 = Refused to answer, 88= Don't know
Label_NMSAMPN5 Hard_edit_NMSAMPN5		Resided in non-MMP state at sampling Only valid values for NMSAMPN5 (non-MMP state) are: AL, AK, AZ, AR, CO, CT, DC, HI, ID, IA, KS, KY, LA, ME, MN, MO, MT, NE, NV, NH, NM, ND, OH, OK, RI, SD, TN, UT, VT, WV, WI, WY, 77, 88 Else, READ: "Incorrect abbreviation, consult list of remaining states." Return to NMSAMPN5 (resided in non-MMP state at sampling).
Skip_NMSAMPN5		If LONGLVN5 (time in current residence) is blank, then go to SPLV_N5 (residence at start of SP). If LONGLVN5 (time in current residence) < 12 months, then go to SPLV_N5 (residence at start of SP). Else skip to next topic (POS1S_9, date first tested positive for HIV).

SP start date

SPLV_N5	YS.3.0.	What state did you live in on [INSERT IDATE – 12 months]? [DON'T READ RESPONSES. SELECT ONLY ONE.] California 1 Delaware 2 Florida 3 Georgia 4 Illinois 5 Indiana 6 Maryland 7 Massachusetts 8 Michigan 9 Mississippi 10 New Jersey 11

		New York	12
		North Carolina	13
		Oregon	14
		Pennsylvania	15
		Puerto Rico	16
		South Carolina	17
		Texas	18
		Virginia	19
		Washington	20
		Any other U.S. state or D.C.	21
		Outside the United States or in another U.S. territory	22
		Refused to answer	77
		Don't know	88
Label_SPLV_N5		Residence at start of SP	
Skip_SPLV_N5		If SPLV_N5 (residence at start of SP), is 1 (California), 5 (Illinois), 12 (New York), 15 (Pennsylvania), or 18 (Texas), go to SPCTY_N5 (MMP city of residence at start of SP). If SPLV_N5 (residence at start of SP) is 21, skip to NMMPSPN5 (non-MMP state residence at start of surveillance period abbreviation). Else skip to next topic (POS1S_9, date first tested positive for HIV).	
SPCTY_N5	YS.3.1.	What city did you live in at that time? [DON'T READ RESPONSES. SELECT ONLY ONE.]	
		Chicago	1
		Houston	2
		Los Angeles County	3
		New York City	4
		Philadelphia	5
		San Francisco	6
		Other U.S. city	7
		Refused to answer	77
		Don't know	88
Label_SPCTY_N5		MMP city of residence at start of SP	
Hard_edit_SPCTY_N5		Only valid combinations for to SPCTY_N5 (MMP city of residence at start of SP) and SPLV_N5 (residence at start of surveillance period) are:	

SPLV_N5	SPLV_N5 Description	SPCTY_N5	SPCITY
1	California	3	Los Ang
1	California	6	San Fran
1	California	7	Other U
1	California	77	Refused
1	California	88	Don't Kn
5	Illinois	1	Chicago
5	Illinois	7	Other U
5	Illinois	77	Refused
5	Illinois	88	Don't Kn
12	New York	4	New Yo
12	New York	7	Other U
12	New York	77	Refused

	12	New York	88	Don't Kn
	15	Pennsylvania	5	Philadel
	15	Pennsylvania	7	Other U
	15	Pennsylvania	77	Refused
	15	Pennsylvania	88	Don't Kn
	18	Texas	2	Houston
	18	Texas	7	Other U
	18	Texas	77	Refused
	18	Texas	88	Don't Kn

Else, READ: "That city does not match with the state you selected. Please tell me the city again." Return to SPCTY_N5 (MMP city of residence at start of SP).

Calculation_SPFIPSN5 — Calculate SPFIPSN5 as follows (e.g., if SPLV_N5 = 1 and SPCTY_N5 = 5, then SPFIPSN5 = 0006.)

SPLV_N5	Description of State Variable	SPCTY_N5	Description of City Variable	SPFIPSN5 Calculation
1	California	7	Other U.S. City	0006
1	California	3	Los Angeles County	4480
1	California	6	San Francisco	7360
2	Delaware		Skipped	0010
3	Florida		Skipped	0012
4	Georgia		Skipped	0013
5	Illinois	7	Other U.S. City	0017
5	Illinois	1	Chicago	1600
6	Indiana		Skipped	0018
7	Maryland		Skipped	0024
8	Massachusetts		Skipped	0025
9	Michigan		Skipped	0026
10	Mississippi		Skipped	0028
11	New Jersey		Skipped	0034
12	New York	7	Other U.S. City	0036
12	New York City	4	New York City	5600
13	North Carolina		Skipped	0037
14	Oregon		Skipped	0041
15	Pennsylvania	7	Other U.S. City	0042
15	Pennsylvania	5	Philadelphia	6160
16	Puerto Rico		Skipped	0072
17	South Carolina		Skipped	0045
18	Texas	7	Other U.S. City	0048
18	Texas	2	Houston	3360
19	Virginia		Skipped	0051
20	Washington		Skipped	0053
Anything else	Any other code		Skipped	

Label_SPFIPSN5 — Residence on SP start date

Calculation_SAMPFIPS — Calculate SAMPFIPS as follows (e.g., if SAMPLVN5 = 1 and SAMPCTN5 = 5, then SAMPFIPS = 0006.)

		SAMPLVN5	Description of State Variable	SAMPCTN5	Description of City Variable	SAMPFIPS Calculation
		1	California	7	Other U.S. City	0006
		1	California	3	Los Angeles County	4480
		1	California	6	San Francisco	7360
		2	Delaware		Skipped	0010
		3	Florida		Skipped	0012
		4	Georgia		Skipped	0013
		5	Illinois	7	Other U.S. City	0017
		5	Illinois	1	Chicago	1600
		6	Indiana		Skipped	0018
		7	Maryland		Skipped	0024
		8	Massachusetts		Skipped	0025
		9	Michigan		Skipped	0026
		10	Mississippi		Skipped	0028
		11	New Jersey		Skipped	0034
		12	New York	7	Other U.S. City	0036
		12	New York City	4	New York City	5600
		13	North Carolina		Skipped	0037
		14	Oregon		Skipped	0041
		15	Pennsylvania	7	Other U.S. City	0042
		15	Pennsylvania	5	Philadelphia	6160
		16	Puerto Rico		Skipped	0072
		17	South Carolina		Skipped	0045
		18	Texas	7	Other U.S. City	0048
		18	Texas	2	Houston	3360
		19	Virginia		Skipped	0051
		20	Washington		Skipped	0053
		Anything else	Any other code		Skipped	
Label_SAMPFIPS		Residence at sampling				
Skip_SAMPFIPS		Skip to POS1S_9 (date first tested positive for HIV).				

NMMPSPN5	YS.3.2.	Interviewer instructions [DON'T READ]: Enter the two-character state abbreviation. For reference, the remaining states are Alabama (AL), Alaska (AK), Arizona (AZ), Arkansas (AR), Colorado (CO), Connecticut (CT), District of Columbia (DC), Hawaii (HI), Idaho (ID), Iowa (IA), Kansas (KS), Kentucky (KY), Louisiana (LA), Maine (ME), Minnesota (MN), Missouri (MO), Montana (MT), Nebraska (NE), Nevada (NV), New Hampshire (NH), New Mexico (NM), North Dakota (ND), Ohio (OH), Oklahoma (OK), Rhode Island (RI), South Dakota (SD), Tennessee (TN), Utah (UT), Vermont (VT), West Virginia (WV), Wisconsin (WI), Wyoming (WY). ___ ___ 77 = Refused to answer, 88= Don't know
Label_NMMPSPN5		Resided in non-MMP state at start of SP
Hard_edit_NMM		Only valid values for NMMPSPN5 (non-MMP state) are:

PSPN5	AL, AK, AZ, AR, CO, CT, DC, HI, ID, IA, KS, KY, LA, ME, MN, MO, MT, NE, NV, NH, NM, ND, OH, OK, RI, SD, TN, UT, VT, WV, WI, WY, 77, 88. Else, READ “Incorrect abbreviation, consult list of remaining states.” Return to NMMPSPN5.

Diagnosis date (YD)

POS1S_9Y POS1S_9M	YD.1.0.	What month and year did you **first** test positive for HIV? Tell me when you got your result, not when you got your test. ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_POS1S_9		Date first tested positive for HIV
Hard_edit_POS1S_9		POS1S_9 (date first tested positive for HIV) cannot be earlier than DOB_13 (date of birth). If POS1S_9 (date first tested positive for HIV) is earlier than DOB_13 (date of birth), then READ, "Date first tested positive cannot be earlier than date of birth."
Soft_edit_POS1S_9		If POS1S_9 (date first tested positive for HIV) is earlier than March 1985, confirm response. If POS1S_9 (date first tested positive for HIV) 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.
QDS_programming_POS1S_9		Allow a blank response for month.
Calculation_EN_ELGN5		EN_ELGN5= Current time.
Label_EN_ELGN5		End of eligibility section
Calculation_TL_ELGN5		Calculate elapsed time between ST_INTN5 and EN_ELGN5 = TL_ELGN5
Label_EN_ELGN5		Total time for eligibility section
Skip_POS1S_9		If POS1S_9 (date first tested positive for HIV) > CMBOSDN5 (combination sampling date), then READ, "I'm only interviewing people who tested positive for HIV prior to [INSERT CMBOSDN5]. Thank you very much for your time." Then skip to Calculation_EN_INTN5 (end of interview).

Basic demographics (D)

Calculation_STBSDMN5	STBSDMN5 = Current time
Label_STBSDMN5	Start of basic demographics

Education (DE)

EDUC	DE.1.0.	What is the highest level of education you completed? [READ RESPONSES. SELECT ONLY ONE.]	
		Never attended school	1
		Grades 1 through 8	2
		Grades 9 through 11	3
		Grade 12 or GED	4
		Some college, associate's degree, or technical degree	5
		Bachelor's degree	6
		Any post–graduate studies	7
		Refused to answer	77
		Don't know	88
Label_EDUC		Education	

Race-ethnicity (DR)

HISPA_13	DR.1.0.	Do you consider yourself to be of Hispanic, Latino/a, or Spanish origin?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_HISPA_13		Hispanic-Latino origin	
Skip_HISPA_13		If HISPA_13 is 1 (yes), then go to HISN3 series. Else, skip to RACE_9 series.	

HISN3 series		Which of the following describes your Hispanic, Latino/a, or Spanish origin? You can choose more than one. [READ RESPONSES.]	
HISN3A	DR.1.1.	Mexican, Mexican American, or Chicano/a	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_HISN3A		Mexican, Mexican American, or Chicano/a	

HISN3B	DR.1.2.	Puerto Rican	
		No	0
		Yes	1

		Refused to answer	7
		Don't know	8
Label_HISN3B		Puerto Rican origin	
HISN3C	DR.1.3.	Cuban	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_HISN3C		Cuban origin	
HISN3D	DR.1.4.	Another Hispanic, Latino/a, or Spanish origin	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_HISN3D		Another Hispanic, Latino/a, or Spanish	
RACE_9 series		Which racial group or groups do you consider yourself to be in? You may choose more than one option. [READ RESPONSES.]	
RACE_9A	DR.2.1.	American Indian or Alaska Native	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_RACE_9A		American Indian or Alaska Native race	
RACE_9B	DR.2.2.	Asian	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_RACE_9B		Asian race	
RACE_9C	DR.2.3.	Black or African American	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_RACE_9C		Black or African American race	

RACE_9D	DR.2.4.	Native Hawaiian or Other Pacific Islander	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_RACE_9D		Native Hawaiian/Other Pacific Islander	

RACE_9E	DR.2.5.	White	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_RACE_9E		White race	

Gender and sexual orientation (DG)

BIRTGEN	DG.1.0.	What was your sex at birth? [READ RESPONSES EXCEPT "Intersex/ambiguous." SELECT ONLY ONE.]	
		Male	1
		Female	2
		Intersex/ambiguous	3
		Refused to answer	7
		Don't know	8
Label_BIRTGEN		Sex at birth	

GENDER	DG.2.0.	Do you consider yourself to be male, female, or transgender? [DON'T READ RESPONSES. SELECT ONLY ONE.]	
		Male	1
		Female	2
		Transgender	3
		Refused to answer	7
		Don't know	8
Label_GENDER		Gender	

SEXOR_N5	DG.3.0.	Do you think of yourself as [READ RESPONSES. SELECT ONLY ONE.]:	
		Lesbian or gay	1
		Straight, that is, not gay	2
		Bisexual	3
		Something else	4
		Refused to answer	7
		Don't know	8
Label_SEXOR_N5		Sexual orientation	

Marriage status (DM)

MARRI_N5	DM.1.0.	The next question is about your current legal marriage status. Are you **currently**…? [READ RESPONSES. SELECT ONLY ONE.] Married 1 In a civil union or domestic partnership 2 Divorced 3 Widowed 4 Separated 5 Never married 6 Refused to answer 7 Don't know 8
Label_MARRI_N5		Marital status
CRNLV_N5	DM.1.1.	Are you currently living with your husband, wife, boyfriend, girlfriend, or partner? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_CRNLV_N5		Living with partner

Language ability (DL)

LANWL1N3	DL.1.0.	How well do you speak English? [READ RESPONSES. SELECT ONLY ONE.] Very well 1 Well 2 Not well 3 Not at all 4 Refused to answer 7 Don't know 8
Label_LANWL1N3		How well do you speak English?
LANWL2N3	DL.2.0.	Do you speak a language other than English at home? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_LANWL2N3		Speak a language other than English
Skip_LANWL2N3		If LANWL2N3 (speak a language other than English) is 0 (no), 7 (refused to answer), or 8 (don't know), then skip to next topic (Intro_5_1HOMEL_9A).

LANWL3N3	DL.2.1.	What is this language? [DON'T READ RESPONSES. SELECT ONLY ONE.]	
		Spanish	1
		French	2
		Chinese	3
		German	4
		Tagalog	5
		Vietnamese	6
		Italian	7
		Korean	8
		Russian	9
		Polish	10
		Other	11
		Refused to answer	77
		Don't know	88
Label_LANWL3N3		What is this language?	
Skip_LANWL3N3		If LANWL3N3 (what is this language?) is 11 (other), then go to LANN3_OS (specify other language). Else skip to next topic (Intro_5_1HOMEL_9A).	
LANN3_OS	DL.2.2.	Specify language: _____	
Label_LANN3_OS:		Specify other language	

Homeless (DH)

Intro_5_1HOMEL_9A		"Next I'll ask about the **past 12 months**. That is from last year [INSERT IDATE-12 MONTHS] to now [INSERT IDATE]."	
QDS_programming_Intro_HOMEL_9A		The QDS program should enter the appropriate dates. EXAMPLE: If IDATE (interview date) is 11/11/2015, then the program should READ "That is from last year, 11/11/2014 to now 11/11/2015."	
HOMEL_9 series		During the **past 12 months**, have you done any of the following:	
HOMEL_9A	DH.1.1.	…lived on the street?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_HOMEL_9A		Lived on the street	
HOMEL_9B	DH.1.2.	…lived in a shelter?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_HOMEL_		Lived in a shelter	

9B		
HOMEL_9C	DH.1.3.	…lived in a Single Room Occupancy (SRO) hotel? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_HOMEL_9C		Lived in a SRO hotel
HOMEL_9D	DH.1.4.	…lived in a car? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_HOMEL_9D		Lived in a car

Incarceration (DJ)

JAIL_N5	DJ.1.0.	During the **past 12 months,** how many different times were you in jail, detention, or prison for longer than 24 hours? ___ ___ [77 = Refused to answer, 88 = Don't know]
Label_JAIL_N5 Range_JAIL_N5		Number of times incarcerated 0–76
Skip_JAIL_N5		If JAIL_N5 (number of times incarcerated) = 0, 77 (refused to answer), or 88 (don't know), then skip to next topic (Calculation_ENBSDMN5, end time basic demographics); else go to DYINCN5 (number of days when last incarcerated).
DYINCN5	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? ___ ___ ___ ___ [7777 = Refused to answer, 8888 = Don't know]
Label_DYINCN5 Range_DYINCN5		Number of days when last incarcerated 1–7776
DTINCN5	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? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know, 66=Not applicable; Year: 7777 = Refused to answer, 8888 = Don't know, 6666=Not applicable.]
Label_DTINCN5 Hard_edit1_DTINCN5		Date of last release DTINCN5 (date of last release) cannot be earlier than IDATE (interview date) – 12 months. If DTINCN5 (date of last release) is earlier than IDATE (interview date) –

	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 IDATE, then message should not pop up. Allow program to advance.
Hard_edit2_DT INCN5	DTINCN5 (date of last release) cannot be later than IDATE (interview date). If DTINCN5 (date of last release) is later than IDATE (interview date), then READ, “Your release date must be earlier than today. Please re-enter date.” Do not allow the program to advance.

Calculation_ENBSDMN5	ENBSDMN5 = Current time
Label_ENBSDMN5	End of basic demographics
Calculation_TLBSDMN5	Calculate elapsed time between STBSDMN5 and ENBSDMN5 = TLBSDMN5
Label_ENBSDMN5	Total time for basic demographics

Disability (A)

Calculation_STDSABN5		STDSABN5 = Current time	
Label_STDSABN5		Start time of disability	
Intro_5_DISDEFN3		"Now, I'm going to ask about different conditions you may or may not have. Some of these things may seem obvious to you, but please answer the questions."	
DISDEFN3	A.1.0.	Are you deaf or do you have serious difficulty hearing?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DISDEFN3		Deaf or serious difficulty hearing	
DISBLNN3	A.2.0.	Are you blind or do you have serious difficulty seeing, even when wearing glasses?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DISBLNN3		Blind or serious difficulty seeing	
DISCONN3	A.3.0.	Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DISCONN3		Difficulty concentrating, remembering…	
DISWLKN3	A.4.0.	Do you have serious difficulty walking or climbing stairs?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DISWLKN3		Difficulty walking or climbing stairs	
DISDRSN3	A.5.0.	Do you have difficulty dressing or bathing?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DISDRSN3		Difficulty dressing or bathing	

DISERRN3	A.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?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DISERRN3		Difficulty doing errands alone	

Calculation_ENDSABN5	ENDSABN5 = Current time
Label_ENDSABN5	End of disability section
Calculation_TLDSABN5	Calculate elapsed time between STDSABN5 (start time of disability) and ENDSABN5 (end of disability section) = TLDSABN5
Label_TLDSABN5	Total time for disability section

Financial (F)

Calculation_STFINAN5	STFINAN5 = Current time
Label_STFINAN5	Start time of financial section

Employment (FE)

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."
WORK_N3	FE.1.0.	Are you **currently**…? [READ RESPONSES. SELECT ONLY ONE.] Employed for wages 1 Self-employed 2 Out of work for more than 1 year 3 Out of work for less than 1 year 4 A homemaker 5 A student 6 Retired 7 Or unable to work 8 Refused to answer 77 Don't know 88
Label_WORK_N3		Current employment status

Income (FI)

Intro_INCOME_5		"Now I'd like to ask you some questions about [INSERT LASTYEAR]. That is from January 1st, [INSERT LAST YEAR] to December 31st, [INSERT LASTYEAR]. For this next question, we will use Response Card A as well as the calendar."
INCOME_5	FI.1.0.	In [INSERT LASTYEAR], what was your combined monthly or yearly household income from all sources before taxes? When I say "combined household income," I mean the total amount of money from all people living in the household. [DON'T READ RESPONSES.]

	Household Monthly Income		**Household Yearly Income**
a.	$0 to $416 per month	or	$0 to $4,999 per year
b.	$417 to $833 per month	or	$5,000 to $9,999 per year
c.	$834 to $1041 per month	or	$10,000 to $12,499 per year
d.	$1042 to $1249 per month	or	$12,500 to $14,999 per year
e.	$1250 to $1666 per month	or	$15,000 to $19,999 per year
f.	$1667 to $2083 per month	or	$20,000 to $24,999 per year
g.	$2084 to $2499 per month	or	$25,000 to $29,999 per year
h.	$2500 to $2916 per month	or	$30,000 to $34,999 per year
i.	$2917 to $3333 per month	or	$35,000 to $39,999 per year
j.	$3334 to $4166 per month	or	$40,000 to $49,999 per year
k.	$4167 to $4999 per month	or	$50,000 to $59,999 per year
l.	$5000 to $6249 per month	or	$60,000 to $74,999 per year
m.	$6250 or more per month	or	$75,000 or more per year
77	Refused to answer	or	Refused to answer

		88 Don't know or Don't know
Label_INCOME_5		Income-monthly and yearly
DEPND_IN	FI.2.0.	Including you, how many people depended on this income in [INSERT LAST YEAR]? ___ ___ Refused to answer 77 Don't know 88
Label_DEPND_IN		Number of dependents
Range_DEPND_IN		1–49
Skip_DEPND_IN		If DEPND_IN (Number of dependents) is >1, go to DEPND_N3 (number of dependents <18 years old); else, skip to next topic (FOOD3_N5, food security-hungry).
DEPND_N3	FI.2.1.	Of the people who depended on this income in [INSERT LAST YEAR], how many were less than 18 years old? ___ ___ Refused to answer 77 Don't know 88
Label_DEPND_N3		Number of dependents <18 years old
Range_DEPND_N3		0-48
Hard_edit_DEPND_N3		DEPND_N3 (number of dependents <18 years old) must be < DEPND_IN (number of dependents) unless DEPND_N3 is skipped. If DEPND_N3 (number of dependents <18 years old) ≥ DEPND_IN (number of dependents), READ, "The number of people under 18 who depended on your income in [INSERT LAST YEAR] must be less than the total number of people who depended on your income in [INSERT LAST YEAR]." Do not allow the program to advance.

Food security (FS)

FOOD3_N5	FS.1.0.	During the **past 12 months**, were you ever hungry, but didn't eat because there wasn't enough money for food? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_FOOD3_N5		Food security-hungry

Productivity loss (FL)

Skip_PRLS1_N5	If WORK_N3 (employment) is 1 (employed for wages) or 2 (self-employed), then go to Intro_PRLS1_N5 (work hours scheduled); else skip to the Intro_PRL20_N5.

Intro_PRLS1_N5		"Now I'm going to ask you some questions about your work during the **past 7 days**. That is in the last week from [INSERT IDATE7 (7 days prior to interview date)] to now [INSERT IDATE (interview date)]."
PRLS1_N5	FL.1.0.	During the **past 7 days**, how many hours were you <u>scheduled</u> to work? ___ ___ ___ [777 = Refused to answer, 888 = Don't know]
Label_PRLS1_N5		Work hours scheduled
Range_PRLS1_N5		0–168
PRLS2_N5	FL.1.1.	During the **past 7 days,** how many hours did you <u>actually</u> work? ___ ___ ___ [777 = Refused to answer, 888 = Don't know]
Label_PRLS2_N5		Work hours actually worked
Range_PRLS2_N5		0–168
Analysis_PRLS_N5		To estimate absenteeism by comparing how many hours someone was scheduled to work (PRLS1_N5) to how many they actually worked (PRLS2_N5) during the past 7 days. Calculating absenteeism in terms of hours lost <u>per 4-week:</u> Monthly absenteeism due to illness $= 4 * (\text{PRLS3_N5})$ Percent absenteeism due to illness $= (\frac{\text{PRLS3_N5}}{\text{PRLS1_N5}}) \times 100\%$.
PRLS3_N5	FL.1.2.	During the **past 7 days**, how many hours of work did you miss because of problems with your physical or mental health? ___ ___ ___ [777 = Refused to answer, 888 = Don't know]
Label_PRLS3_N5		Missed work-physical/mental health
Range_PRLS3_N5		0–168
Hard_edit_PRLS3_N5		PRLS3_N5 (missed work-physical/mental health) cannot be > PRLS1_N5 (work hours scheduled). If PRLS3_N5 (missed work-physical/mental health) > PRLS1_N5 (work hours scheduled), then READ, "The number of hours missed cannot be > the number of hours scheduled." Return to PRLS1_N5 (work hours scheduled).
Intro_PRL20_N5		"Now I'm going to ask you about <u>household activities</u>. Household activities are things you do to take care of your house, yourself, or your family such as cooking, cleaning, lawn care, pet care, or childcare. Don't include activities that you're paid for or you do in your free time."
PRL20_N5	FL.2.0.	During the **past 7 days**, about how many <u>fewer</u> hours did you spend on

		household activities because of problems with your physical or mental health? ___ ___ ___ [777 = Refused to answer, 888 = Don't know]
Label_PRL20_N5		Fewer hours spent on household activity
Range_PRL20_N5		0–168.
Analysis_PRL20_N5		To estimate household productivity during the past 7 days. Calculation (Assume 4-week=1 month): Productivity loss related to household activities per month = (12.46* PRL20_N5)*4 Reference: http://www.ncbi.nlm.nih.gov/pubmed/19536021
Skip_PRLS7_N5		If WORK_N3 (employment) is 3 (out of work for more than one year), 4 (out of work for < one year), or 8 (unable to work), then go to PRLS7_N5 (ever employed). Else skip to Intro_PRLS9_N5 (yearly individual income).
PRLS7_N5	FL.3.0.	Have you **ever** been employed for wages or self-employed? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PRLS7_N5		Ever employed
Skip2_PRLS7_N5		If PRLS7_N5 (ever employed) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to Intro_KINDA_5 (insurance-private health insurance). Else, go to PRLS8N5 (date of most recent job).
PRLS8N5	FL.3.1.	What month and year did you stop working at your **most recent** job? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_PRLS8N5		Date of most recent job
Hard_edit1_PRLS8N5		PRLS8N5 (date of the most recent job) cannot be earlier than DOB_13 (respondent's date of birth). If PRLS8N5 (date of the most recent job) is earlier than DOB_13 (respondent's date of birth), then READ, "The date of your most recent job cannot be earlier than your date of birth." Return to PRLS8N5 (date of most recent job).
Hard_edit2_PRLS8N5		PRLS8N5 (date of the most recent job) cannot be later than IDATE (interview date). If PRLS8N5 (date of the most recent job) is later than IDATE (interview date), then READ, "The date of your most recent job cannot be later than today." Return to PRLS8N5 (date of most recent job).
Intro_PRLS9_N5		"Next, I'm going to ask you about individual income. This is different than household income, which I asked you about earlier. When I say "individual income," I mean the amount of money you earned as a paid employee or from

your own business. Don't include money earned by another member of your household or from Supplemental Security Income (SSI) or Social Security Disability Insurance (SSDI). If you aren't currently employed or self-employed, tell me your individual income from the **most recent year** that you were employed."

PRLS9_N5	FL.4.0.	Please take a look at Response Card B and tell me the letter that corresponds to your individual yearly or monthly income before taxes?

	Individual Monthly Income		**Individual Yearly Income**
a.	$0 to $416 per month	or	$0 to $4,999 per year
b.	$417 to $833 per month	or	$5,000 to $9,999 per year
c.	$834 to $1041 per month	or	$10,000 to $12,499 per year
d.	$1042 to $1249 per month	or	$12,500 to $14,999 per year
e.	$1250 to $1666 per month	or	$15,000 to $19,999 per year
f.	$1667 to $2083 per month	or	$20,000 to $24,999 per year
g.	$2084 to $2499 per month	or	$25,000 to $29,999 per year
h.	$2500 to $2916 per month	or	$30,000 to $34,999 per year
i.	$2917 to $3333 per month	or	$35,000 to $39,999 per year
j.	$3334 to $4166 per month	or	$40,000 to $49,999 per year
k.	$4167 to $4999 per month	or	$50,000 to $59,999 per year
l.	$5000 to $6249 per month	or	$60,000 to $74,999 per year
m.	$6250 to $8332 per month	or	$75,000 to $99,999 per year
n.	$8333 to $12499 per month	or	$100,000 to $149,999 per year
o.	$12500 to $16666 per month	or	$150,000 to $199,999 per year
p.	$16667 to $20832 per month	or	$200,000 to $249,999 per year
q.	$20833 or more per month	or	$250,000 or more per year
	Refused to answer		7
	Don't know		8

Label_PRLS9_N5	Individual income
Analysis_PRLS9_N5	To estimate approximate monetary value of productivity loss due to absenteeism and unemployment. Calculation: *Assume 4-week=1 month; *Use mid-point of PRLS8N5 (date of the most recent job) for the $ mount and plug with $250,000 if the response falls in the category "$250,000 or more." Productivity loss due to absenteeism per month = $(\frac{\text{PRLS9_N5}}{12}) \times (\frac{\text{PRLS3_N5}}{\text{PRLS1_N5}})$ Productivity loss due to unemployment per month = $(\frac{\text{PRLS9_N5}}{12}) \times (\frac{\text{interview date} - \text{PRLS8N5}}{30})$

Healthcare coverage (FH)

Intro_KINDA_5		"I'd like to ask you about all of the types of insurance and other coverage you have to pay for healthcare, medicines, and supportive services like case management, transportation, or mental health services."	
KIND_5 series		During the **past 12 months**, have you had any of the following types of insurance or other coverage for any type of healthcare? Please answer "yes" or "no" to each type. You may answer "yes" to more than one type.	
KINDA_5	FH.1.1.	Did you have private health insurance?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_KINDA_5		Insurance-private health insurance	
Skip_KINDA_5		If KINDA_5 (insurance-private health insurance) is 1 (yes), go to INSEMPN5 (insurance-private-employer), else skip to KINDB_5 (insurance-Medicaid).	
INSEMPN5	FH.1.1.a.	Was your private health insurance obtained through your employer or a family member's employer?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_INSEMPN5		Insurance-private-employer	
INSMKTN5	FH.1.1.b.	Did you purchase private health insurance through Healthcare.gov, or the Health Insurance Marketplace?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_INSMKTN5		Insurance-private-marketplace	
KINDB_5	FH.1.2.	Did you have Medicaid?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_KINDB_5		Insurance-Medicaid	
KINDC_5	FH.1.3.	Did you have Medicare?	
		No	0

		Yes	1
		Refused to answer	7
		Don't know	8
Label_KINDC_5		Insurance-Medicare	
KINDD_5	FH.1.4.	Did you have coverage through Ryan White HIV/AIDS Program or AIDS Drug Assistance Program, also called ADAP?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_KINDD_5		Insurance-Ryan White or ADAP	
KINDE_5	FH.1.5.	Did you have Tricare or CHAMPUS/CHAMPVA?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_KINDE_5		Insurance-Tricare or CHAMPUS	
KINDF_5	FH.1.6.	Did you have Veterans Administration coverage?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_KINDF_5		Insurance-VA coverage	
KINDG_5	FH.1.7.	Did you have city, county, state or other publicly funded insurance, not including Medicaid?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
label_KINDG_5		Insurance-city/county/ST/other public	
KINDH_N5	FH.1.8.	Did you have free medication or help with payment for medication through your doctor's office or clinic, or a compassionate care program? Don't include assistance paid for by ADAP or Ryan White.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_KINDH_N5		Insurance-clinic or compassionate care	
KINDI_N5	FH.1.9.	Did you have free medication or help with payment for medication through a drug company?	

		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_KINDI_N5		Insurance-drug company	
KINDJ_5	FH.1.10.	Did you have any other insurance?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_KINDJ_5		Insurance-other insurance	
Skip_KINDJ_5		If KINDJ_5 (insurance-other insurance) is 1 (yes), then go to KINDOSN5 (insurance-other specify); else, skip to Skip_KIND_series.	
KINDOSN5	FH.1.11.	Please tell me the other type of insurance that you had. _____	
		Refused to answer	7
		Don't know	8
Label_KINDOSN5		Insurance-other specify	
Skip_KIND_series		If none of KINDA_5 through KINDJ_5 = 1 (yes), then go to KINDZ_N5 (insurance-no coverage confirmation). Else, skip to INS12_9 (gap in insurance or coverage).	
KINDZ_N5	FH.1.12.	So, during the **past 12 months**, you had no insurance and no other coverage for any type of healthcare including medications. Is that correct?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_KINDZ_N5		Insurance-no coverage confirmation	
Skip_KINDZ_N5		If KINDZ_N5 (Insurance-no coverage confirmation) = 0 (no), then repeat KINDA_5 through KINDJ_5. If KINDZ_N5 (insurance-no coverage confirmation) = 1 (yes), then skip to TYPE_N5 (ACA change in type). If KINDZ_N5 (insurance-no coverage confirmation) = 7 (refused to answer) or 8 (don't know), then skip to TYPE_N5.	
INS12_9	FH.2.0.	During the **past 12 months,** was there a time that you didn't have any health insurance or health coverage?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_INS12_9		Gap in insurance or coverage	
Skip_INS12_9		If INS12_9 (gap in insurance or coverage) is 1 (yes), then ask INSMTHN5	

		(Insurance-months without coverage). Else, skip to TYPE_N5 (ACA – change in type).
INSMTHN5	FH.2.1.	During the **past 12 months**, about how many months were you without insurance or other healthcare coverage? If it is less than one month, round up to "1 month." ___ ___ Refused to answer 77 Don't know 88
Label_INSMTHN5		Insurance-months without coverage
Range_INSMTHN5		0-12

Affordable Care Act (FC)

TYPE_N5	FC.1.0.	During the **past 12 months**, has there been any change in the type of health insurance or coverage that you have? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TYPE_N5		ACA – change in type
Skip_TYPE_N5		If TYPE_N5 is 1 (yes), then go to AMOUNTN5 (ACA – change in amount spent). Else, skip to PAY_N5 (ACA – problems paying).
AMOUNTN5	FC.1.1.	Because of this change in health insurance or coverage, is the amount you spend on your medical care less, more, or about the same? [DON'T READ RESPONSES. SELECT ONLY ONE.] Less 0 More 1 About the same 2 Refused to answer 7 Don't know 8
Label_AMOUNTN5		ACA – change in amount spent
ACCESSN5	FC.1.2.	Because of this change in health insurance or coverage, is your access to supportive services like case management, transportation, or mental health services better, worse, or about the same? [DON'T READ RESPONSES. SELECT ONLY ONE.] Better 0 Worse 1 About the same 2 Refused to answer 7 Don't know 8

Label_ACCESSN5		ACA – change in access
Intro_HCARE_N5		"Next, I'm going to ask you about outpatient HIV medical care. By that I mean care from a doctor or other healthcare provider to treat your HIV, not care when you stay in a hospital overnight, in an emergency room, or urgent care center."
HCARE_N5	FC.1.3.	Because of this change in health insurance or coverage, would you say your outpatient HIV medical care is better, worse, or about the same? [DON'T READ RESPONSES. SELECT ONLY ONE.] Better 0 Worse 1 About the same 2 Refused to answer 7 Don't know 8
Label_HCARE_N5		ACA – outpatient HIV medical care
USUAL_N5	FC.1.4.	Because of this change in health insurance or coverage, did your usual source of outpatient HIV medical care change? [READ RESPONSES. SELECT ONLY ONE.] No 0 Yes 1 Don't have usual source of outpatient HIV medical care 2 Refused to answer 7 Don't know 8
Label_USUAL_N5		ACA – Usual HIV care change
PAY_N5	FC.2.0.	During the **past 12 months**, did you have problems paying or were you unable to pay any medical bills for your own care? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PAY_N5		ACA – problems paying
BILLS_N5	FC.3.0.	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. No 0 Yes 1 Refused to answer 7 Don't know 8
Label_BILLS_N5 Calculation_ENFIN		ACA – paying off medical bills over time ENFINAN5= Current time

AN5	
Label_ENFINAN5	End of financial section
Calculation_TLFIN AN5	Calculate elapsed time between STFINAN5 and ENFINAN5 = TLFINAN5
Label_TLFINAN5	Total time for financial section

HIV testing experiences (X)

Calculation_STTESTN5		STTESTN5 = Current time
Label_STTESTN5		Start time of HIV testing experiences
Intro_TESSETN5		"Now I'm going to ask you some questions about getting tested for HIV."
TESSETN5	X.1.0.	When you tested positive in __ __ /__ __ __ __ [INSERT POS1S_9 (date from first positive HIV test)], in what type of facility were you tested? [DON'T READ RESPONSES. SELECT ONLY ONE.] Primary care, non-emergency setting 1 Emergency room or urgent care setting 2 STD clinic 3 Inpatient hospital setting 4 Other clinical setting 5 Dedicated HIV testing, including non-clinical community outreach setting 6 Self-testing setting 7 Other non-medical setting 8 Refused to answer 77 Don't know 88
Label_TESSETN5 QDS_programming_TESSETN5		Where were you tested If POS1S_9 (date from first positive test) has an unknown month value but a known year value, then read: "When you tested positive in [INSERT year from POS1S_9 (date from first positive HIV test)], in what type of facility were you tested?" If POS1S_9 (date from first positive HIV test) is 77/7777 (refused to answer) or 88/8888 (don't know), then TESSETN5 should read as follows: "When you tested positive, in what type of facility were you tested?"
MRTESTN5	X.2.0.	When you tested positive in __ __ /__ __ __ __ [INSERT POS1S_9 (date first tested positive for HIV)], what was the main reason you were tested? [READ RESPONSES. SELECT ONLY ONE.] You felt sick 1 It was recommended by your provider, but not because you felt sick 2 It was your own choice, but not because you felt sick 3 You had to, for example, it was a job requirement, part of blood donation, etc. 4 Because the health department told you one of your partners was infected 5 Some other reason 6 Refused to answer 7 Don't know 8
Label_MRTESTN5		Main reason tested

QDS_programming_MRTESTN5		If POS1S_9 (date from first positive test) has an unknown month value but a known year value, then read: "When you tested positive in [INSERT year from POS1S_9 (date from first positive HIV test)], what was the main reason you were tested?" If POS1S_9 (date from first positive HIV test) is 77/7777 (refused to answer) or 88/8888 (don't know), then MRTESTN5 should read as follows: "When you tested positive, what was the main reason you were tested?"
Skip_MRTESTN5		If MRTESTN5 (main reason tested) is 6 (other), then go to MRTN5_OS (other specify reason tested). Else, skip to next topic (Calculation_ENTESTN5, end of HIV testing experiences section).
MRTN5_OS	X.2.1.	Please tell me the other reason that you were tested. _____
Label_MRTN5_OS		Other specify reason tested

Calculation_ENTESTN5	ENTESTN5 = Current time
Label_ENTESTN5	End of HIV testing experiences section
Calculation_TLTESTN5	Calculate elapsed time between STTESTN5 and ENTESTN5 = TLTESTN5
Label_TLTESTN5	Total time for HIV testing experiences

Never in care (K)

Calculation_ST_NICN5		ST_NICN5 = Current time
Label_ST_NICN5		Start time of Never in Care section
EVERCRN5	K.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 outpatient HIV medical care? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_EVERCRN5 QDS_programming_EVERCRN5		Ever rcvd. Outpatient HIV care If POS1S_9 (date from first positive test) has an unknown month value but a known year value, then read: "Since testing positive for HIV in [INSERT year from POS1S_9 (date from first positive HIV test)], have you **ever** seen a doctor, nurse, or other healthcare worker for outpatient HIV medical care?" If POS1S_9 (date from first positive HIV test) is 77/7777 (refused to answer) or 88/8888 (don't know), then EVERCRN5 should read as follows: "Since testing positive for HIV, have you **ever** seen a doctor, nurse, or other healthcare worker for outpatient HIV medical care?"
Skip_EVERCRN5		If EVERCRN5 (ever received care) = 1 (yes), 7 (refused to answer), or 8 (don't know), then skip to Calculation_EN_NICN5 (end of never in care section). Else go to, LNKCRN5 (confirm never received outpatient HIV medical care).
LNKCRN5	K.1.1.	Are you sure that you've never seen a doctor, nurse, or other healthcare worker—not even once—for any sort of outpatient HIV medical care? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_LNKCRN5 Soft_edit_LNKCRN5		Confirm never received care If LNKCRN5 (confirm never in care) = 0 (no), 7 (refused to answer), or 8 (don't know), return to EVERCRN5 (ever received outpatient HIV medical care). If LNKCRN5 (confirm never in care) = 1 (yes), then READ: "Interviewer: The respondent reported NEVER receiving outpatient HIV care and will skip the entire HIV care and HIV treatment sections. If you feel the respondent misunderstood, please clarify and correct the response."
Intro_NICBN5		"I'm going to read you a list of possible reasons people with HIV may not have gotten outpatient HIV medical care. Please tell me whether or not each reason applies to you. Is one of the reasons…"
NICBN1N5	K.1.2.	…because you have a scheduled appointment that hasn't happened yet? No 0

		Yes	1
		Refused to answer	7
		Don't know	8
Label_NICBN1N5		NIC: upcoming appt	
NICBP1N5	K.1.3.	…because you or your healthcare provider didn't think you needed to?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NICBP1N5		NIC: didn't need care	
NICBP2N5	K.1.4.	…because you've been afraid or in denial about being HIV positive?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NICBP2N5		NIC: afraid or in denial	
NICBP3N5	K.1.5.	…because you haven't wanted anyone to know that you have HIV?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NICBP3N5		NIC: don't want anyone to know	
NICBP4N5	K.1.6.	…because you haven't liked or trusted healthcare providers?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NICBP4N5		NIC: don't like or trust providers	
NICBF1N5	K.1.7.	…because of problems with money or health insurance?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NICBF1N5		NIC: money or health insurance problems	
NICBC1N5	K.1.8.	…because you've had other things going on in your life that have made it difficult?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NICBC1N5		NIC: other things going on	

NICBS1N5	K.1.9.	…because you couldn't find an HIV clinic or doctor or you couldn't find one that met your needs? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NICBS1N5		NIC: couldn't find clinic or doctor
NICBS2N5	K.1.10.	…because you've had trouble getting transportation to a clinic or doctor? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NICBS2N5		NIC: transportation issues
NICBOTN5	K.1.11.	…because of some other reason? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NICBOTN5		NIC: other reason
Skip_NICBOTN5		If NICBOTN5 (NIC: other reason) is 1 (yes), then go to NICBN5OS (Never in care: Other specify reason). Else skip to Skip_NICBN5OS.
NICBN5OS	K.1.12.	Please tell me the other reason that you may not have gotten outpatient HIV medical care. _____
Label_NICBN5OS		Never in care: Other specify reason
Skip_NICBN5OS		If NICBP1N5 (NIC: didn't need care) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to Skip_NICBD1N5 (reasons it was difficult to get outpatient HIV medical care). Else go to Intro_NICNN1N5 (reasons for not seeing a provider series).
Intro_NICNN1N5		"You mentioned you haven't received outpatient HIV medical care because you or your healthcare provider didn't think you needed to. Is that…"
NICNN1N5	K.2.0.	…because your doctor or other healthcare provider told you that you didn't need to? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NICNN1N5		NIC: didn't need care - doctor
NICNN2N5	K.2.1.	…because you haven't felt sick? No 0

		Yes	1
		Refused to answer	7
		Don't know	8
Label_NICNN2N5		NIC: didn't need care - didn't feel sick	
NICNN3N5	K.2.2.	…because you haven't believed that HIV medicine will improve your health?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NICNN3N5		NIC: didn't need care - HIV meds	
NICNOTN5	K.2.3.	Have you thought you didn't need to go to a doctor or other healthcare provider for some other reason?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NICNOTN5		NIC: didn't need care - other	
Hard_edit_NICNOTN5		If NICBP1N5 (NIC: didn't need care) = 1 (yes), then NICNN1N5, NICNN2N5, NICNN3N5, and NICNOTN5 cannot = 0 (no). If NICNN1N5, NICNN2N5, NICNN3N5, and NICNOTN5 = 0 (no), then READ: "You answered 'no' to all of the reasons you or your healthcare provider might think that you didn't need to get HIV outpatient medical care. Let's go back through the reasons again so you can tell me which one applies. You may also say you don't know or decline to answer." Return to Intro_NICNN1N5. Else, go to Skip_NICNOTN5.	
Skip_NICNOTN5		If NICNOTN5 (NIC: didn't need care – other) is 1 (yes), then go to NICNN5OS (NIC: didn't need care - other specify). Else skip to Skip_NICBD1N5 (NIC: other things - drinking or drugs).	
NICNN5OS	K.2.4.	Please tell me the other reason you thought you didn't need to go to a doctor or other healthcare provider. _____	
Label_NICNN5OS		NIC: didn't need care - other specify	
Skip_NICBD1N5		If NICBC1N5 (NIC: other things going on) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to Skip_NICBS1N5 (NIC: couldn't find clinic or doctor). Else go to Intro_NICBDN5 (Other things going on in your life series).	
Intro_NICBDN5		"Earlier you said you've had other things going on in your life that have made it difficult to get outpatient HIV medical care. Is it difficult…?"	
NICBD1N5	K.2.5.	…because you've been drinking or using drugs?	
		No	0
		Yes	1

		Refused to answer 7 Don't know 8
Label_NICBD1N5		NIC: other things - drinking or drugs
NICBD2N5	K.2.6.	…because of depression or mental health problems? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NICBD2N5		NIC: other things - depression or MH
NICBD3N5	K.2.7.	…because you've been physically sick or hospitalized? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NICBD3N5		NIC: other things - sick or hospitalized
NICBD4N5	K.2.8.	…because you've been in prison or jail? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NICBD4N5		NIC: other things - prison or jail
NICDOTN5	K.2.9.	Have you found it difficult to get outpatient HIV medical care because of something else going on in your life? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NICDOTN5		NIC: other things - something else
Hard_edit_NICDOTN5		If NICDOTN5 (other things going on in your life that made it difficult to get outpatient HIV medical care) is 0 (no) and the reasons for not getting outpatient HIV medical care: NICBD1N5 (drinking or using drugs), NICBD2N5 (depression or mental health problems), NICBD3N5 (physically sick or hospitalized), and NICBD4N5 (prison or jail) are all 0 (no), then READ, "You said you had other things going on that made it difficult to get outpatient HIV medical care, but you didn't report a reason." Return to Intro_NICBDN5.
Skip_NICDOTN5		If NICDOTN5 (NIC: other things - something else) is 1 (yes), then go to NICDN5OS (NIC: other things - other specify). Else skip to Skip_NICBS1N5 (NIC: couldn't find clinic or doctor).
NICDN5OS	K.2.10.	Please tell me what else has been going on in your life that has made it difficult for you to get outpatient HIV medical care. _____

Label_NICDN5OS		NIC: other things - other specify
Skip_NICBS1N5		If NICBS1N5 (NIC: couldn't find clinic or doctor) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to Skip2_NICNMTN5 (skip before main reason never in care). Else go to Intro_NICNM1N5 (Never in care: Because you couldn't find an HIV clinic that met your needs series).
Intro_NICNM1N5		"You mentioned you couldn't find an HIV clinic or doctor or you couldn't find one that met your needs. Is that…"
NICNM1N5	K.3.1.	…because you couldn't find any HIV clinic or doctor? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NICNM1N5		NIC: no doc - couldn't find clinic or dr
Skip_NICNM1N5		If NICNM1N5 (Never in care: Because you couldn't find any HIV clinic or doctor) = 1 (yes), then skip to Skip2_NICNMTN5. Else, go to NICNM2N5 (reason couldn't find a clinic to meet needs series).
NICNM2N5	K.3.2.	…because the clinic or doctor is too far away? No 0 Yes 1 Refused to answer 7 Don't know 8
label_NICNM2N5		NIC: no doc - too far away
NICNM3N5	K.3.3.	…because you haven't found a clinic or doctor that spoke your language? No 0 Yes 1 Refused to answer 7 Don't know 8
label_NICNM3N5		NIC: no doc - language barrier
NICBM4N5	K.3.4.	…because you haven't been able to get an appointment? No 0 Yes 1 Refused to answer 7 Don't know 8
label_NICBM4N5		NIC: no doc - couldn't get appointment
NICNMTN5	K.3.5.	Have you not found a clinic or doctor that met your needs because of some other reason? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NICNMTN5		NIC: no doc - other reason

Hard_edit_NICNMTN5		If NICNM1N5 (couldn't find any HIV clinic or doctor) or NICNM2N5 (the clinic or doctor is too far away) or NICNM3N5 (you haven't found a clinic that spoke your language) or NICBM4N5 (you haven't been able to get an appointment) or NICNMTN5 (NIC: no doc - other reason) are all 0 (no), then READ, "You said you haven't received outpatient HIV medical care because you couldn't find an HIV clinic or doctor or you couldn't find one that met your needs, but you didn't report a reason." Return to question Intro_NICNM1N5. Else, go to Skip1_NICNMTN5.
Skip1_NICNMTN5		If NICNMTN5 (NIC: no doc - other reason) is 1 (yes), then go to NICNM5OS (NIC: no doc - other specify). Else, skip to Skip2_NICNMTN5.
NICNM5OS	K.3.6.	Please tell me the other reason you have not found a clinic or doctor that met your needs. _____
Label_NICMN5OS		NIC: no doc - other specify
Skip2_NICNMTN5		If the respondent indicated only 1 reason for not receiving outpatient HIV medical care (NICBN1N5= 1(yes), NICBP2N5= 1(yes), NICBP3N5= 1(yes), NICBP4N5= 1(yes), NICBF1N5= 1(yes), NICBS2N5= 1(yes), OR NICBOTN5) = 1(yes), then skip to SEENMDN5 (have you ever seen a doctor in any setting for medical care).
QDS_programming_NICBMRN5		Show a list of the reasons outpatient care was not received that were endorsed by the respondent. These are the options selected in NICBN5 series (reasons for not receiving outpatient HIV medical care), NICBN1N5 NICBP2N5 NICBP3N5 NICBP4N5 NICBF1N5 NICBS2N5 the NICNNN5 series (reasons for not seeing a provider), NICNN1N5 NICNN2N5 NICNN3N5 NICBDN5 series (Other things going on in your life), NICBD1N5 NICBD2N5 NICBD3N5 NICBD4N5 or the NICNMN5 series (Reason couldn't find a clinic to meet needs), i.e. NICNM1N5 NICNM2N5 NICNM3N5 NICBM4N5 Where the selection was 1 (yes). Also include data from these other specify variables if they are populated: NICBN5OS NICNN5OS

		NICDN5OS NICNM5OS Three selections are intentionally excluded: NICBP1N5 (NIC: didn't need care), NICBC1N5 (NIC: other things going on), and NICBS1N5 (NIC: couldn't find clinic or doctor) as a main reason because we want people to select a sub-reason when possible know the sub-reason.
NICBMRN5	K.4.0.	Of all the reasons you just gave, what is the most important one? [READ PREVIOUSLY SELECTED RESPONSES. SELECT ONLY ONE.]
		Because you have a scheduled appointment that hasn't happened yet? 1
		Because you've been afraid or in denial about being HIV positive? 2
		Because you haven't wanted anyone to know that you have HIV? 3
		Because you haven't liked or trusted healthcare providers? 4
		Because of problems with money or health insurance? 5
		Because you've had trouble getting transportation to a clinic or doctor? 6
		Because of [INSERT RESPONSE FROM NICBN5OS (other specify reason)]? 7
		Because your doctor or other healthcare provider told you that you didn't need to? 8
		Because you haven't felt sick? 9
		Because you haven't believed that HIV medicine will improve your health? 10
		Because of [INSERT RESPONSE FROM NICNN5OS (other specify—reason you thought you didn't need to go to a doctor or other healthcare provider)]? 11
		Because you've been drinking or using drugs? 12
		Because of depression or mental health problems? 13
		Because you've been physically sick or hospitalized? 14
		Because you've been in prison or jail? 15
		Because of [INSERT RESPONSE FROM NICDN5OS (Other specify—reason for something else going on in your life)]? 16
		Because you couldn't find any HIV clinic or doctor? 17
		Because the clinic or doctor is too far away? 18
		Because you haven't found a clinic or doctor that spoke your language? 19
		Because you haven't been able to get an 20

		appointment?	
		Because of [INSERT RESPONSE FROM NICMN5OS (other specify—reason you have not found a clinic or doctor that met your needs)]?	21
		Refused to answer	77
		Don't know	88
Label_NICBMRN5		Most important barrier-never in care	
QDS_programming_note_SEENMDN5		If POS1S_9 (date from first positive HIV test) is 77/7777 (refused to answer) or 88/8888 (don't know), then SEENMDN5 should read as follows: "Since testing positive for HIV, have you seen a doctor, nurse, or other healthcare provider in any setting for any kind of medical care?	
SEENMDN5	K.5.0.	Since testing positive for HIV in [INSERT POS1S_9 (date first tested positive for HIV)], have you seen a doctor, nurse, or other healthcare provider in any setting for any kind of medical care?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_SEENMDN5		Any medical care after HIV diagnosis	
Calculation_EN_NICN5		EN_NICN5 = Current time	
Label_EN_NICN5		End of Never in Care section	
Calculation_TL_NICN5		Calculate elapsed time between ST_NICN5 and EN_NICN5 = TL_NICN5	
Label_TL_NICN5		Total time for Never in Care	

HIV Care (V)

Calculation_STHVCAN5		STHVCAN5 = Current time
Label_STHVCAN5		Start time of HIV care

Linkage to care (VL)

Skip_Intro1_PREFN5		If POS1S_9 (date first tested positive for HIV) is 77/7777 (refused to answer) or 88/8888 (don't know) or an unknown month, then go to Intro1_PREFN5. Else, skip to Intro2_PREFN5.
Intro1_PREFN5		"For these next questions, I'll be asking about the 30 days after you tested positive for HIV."
Intro2_PREFN5		"For these next questions, I'll be asking about the 30 days after you tested positive for HIV, so that is from [INSERT POS1S_9 (date first tested positive for HIV)] to [INSERT ONE MONTH AFTER POS1S_9]."
PREFN5	VL.1.0.	Within 30 days after you got your first positive HIV test, did someone ask if you needed help finding a place to go for outpatient HIV medical care or let you know where you could go for outpatient HIV medical care? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PREFN5		Help finding outpatient HIV care
Intro_AREF4N5		"For the next few questions, I'll be asking about whether you got help getting connected to outpatient HIV medical care from a professional. A professional could be someone like a doctor, nurse, social worker, or receptionist."
AREF4N5	VL.2.0.	Within 30 days after you got your first positive HIV test, did a professional help you figure out if you qualified for free or low-cost outpatient HIV medical care? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_AREF4N5		Help figure out free/low-cost HIV care?
Skip_AREF4N5		If AREF4N5 (Help figure out free/low-cost HIV care?) = 1 (yes), then skip to Calculation_KNWCON5. If AREF4N5 (Help figure out free/low-cost HIV care?) = 7 (refused to answer) or 8 (don't know), then skip to KNOWFRN5 (Do you know: free/low cost HIV care?). Else, go to AREF4NN5 (Help figure out free/low-cost HIV care?).
AREF4NN5	VL.2.1.	Did you want a professional to help you figure out if you qualified for free

		or low-cost outpatient HIV medical care? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_AREF4NN5		Want help: free/low-cost HIV care?
KNOWFRN5	VL.2.2.	Did you know that free or low-cost outpatient HIV medical care may be available to those who qualify? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_KNOWFRN5		Do you know: free/low cost HIV care?
Calculation_KNWCON5		A variable should be calculated that combines AREF4N5 (Help figure out free/low-cost HIV care?) and KNOWFRN5 (Do you know: free/low cost HIV care?). Combination variable: KNWCON5 (Calc:Knew Low Cost Care May Be Available). **AREF4N5** / **KNOWFRN5** / **KNWCON5** No / / Value from KNOWFRN5 Yes / Skipped / 1 Refused / / Value from KNOWFRN5 Don't Know / / Value from KNOWFRN5
Label_KNWCON5		Calc:Knew Low Cost Care May Be Available
AREF1N5	VL.3.0.	Within 30 days after you got your first positive HIV test, did a professional help you make an appointment for outpatient HIV medical care? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_AREF1N5		Help make appt for HIV care?
Skip_AREF1N5		If AREF1N5 (did a professional help you make an appointment for outpatient HIV medical care) = 1 (yes), 7 (refused to answer), or 8 (don't know), then skip to AREF2N5 (did a professional help you arrange transportation to an outpatient HIV medical care appointment).
AREF1NN5	VL.3.1.	Did you want a professional to help you make an appointment? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_AREF1NN		Want help: make appt for HIV care?

5		
AREF2N5	VL.4.0.	Within 30 days after you got your first positive HIV test, did a professional help you arrange transportation to an outpatient HIV medical care appointment? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_AREF2N5		Help arrange transportation to HIV care?
Skip_AREF2N5		If AREF2N5 (did a professional help you arrange transportation to an outpatient HIV medical care appointment) = 1 (yes), 7 (refused to answer), or 8 (don't know), then skip to AREF3N5 (did a professional go with you to your first outpatient HIV medical care appointment?)
AREF2NN5	VL.4.1.	Did you want a professional to help you arrange transportation? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_AREF2NN5		Want help: arranging transportation?
AREF3N5	VL.5.0.	Within 30 days after you got your first positive HIV test, did a professional go with you to your first outpatient HIV medical care appointment? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_AREF3N5		Professional go with you to 1st appt?
Skip_AREF3N5		If AREF3N5 (did a professional go with you to your first outpatient HIV medical care appointment) = 1 (yes), 7 (refused to answer), or 8 (don't know), then skip to Skip_CARE1N5 (1-date of first outpatient HIV medical care visit).
AREF3NN5	VL.5.1.	Did you want a professional to go with you? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_AREF3NN5		Want professional to go with to 1st appt
Skip_AREF3NN5		If EVERCRN5 (ever received outpatient HIV medical care) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to Calculation_ENHVCAN5 (End of HIV in care section). Else, go to Skip_CARE1N5 (1-Date of first care visit).

Skip_CARE1N5		If POS1S_9 (date of first positive test) = 77/7777 (Refused to answer) or 88/8888 (Don't know) or there is unknown month value, then go to CARE1N5. Else skip to CARE_9 (2-Date of first outpatient HIV care visit).
CARE1N5	VL.6.0.	Since testing positive for HIV, what month and year did you **first** visit a doctor, nurse, or other healthcare worker for outpatient HIV medical care? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_CARE1N5 Hard_edit_CARE 1N5		1-Date of 1st outpatient HIV care visit If CARE1N5 (1-date of first outpatient HIV medical care visit) is earlier than DOB_13 (date of birth), then READ, "The date entered is earlier than your date of birth. Please confirm the date." Return to CARE1N5. Else, skip to LASCA_9 (Date most recent outpt. HIV care visit).
CARE_9	VL.6.1.	Since testing positive for HIV in [INSERT POS1S_9 (date of first positive test)], what month and year did you **first** visit a doctor, nurse, or other healthcare worker for outpatient HIV medical care? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_CARE_9 Soft_edit_CARE _9		2-Date of first outpatient HIV care visit If CARE_9 (2-date of first outpatient HIV medical care visit) is earlier than POS1S_9 (date first tested positive for HIV), then READ, "The date entered is earlier than the date first tested positive for HIV. Please confirm the date." Allow the program to advance.
Hard_edit_CARE _9		If CARE_9 (2-date of first outpatient HIV medical care visit) is earlier than DOB_13 (date of birth), then READ, "The date entered is earlier than your date of birth. Please confirm the date." Return to CARE_9.
QDS_programmi mg_CARE_9		If POS1S_9 (date from first positive HIV test) is 77/7777 (refused to answer) or 88/8888 (don't know) or has an unknown month value, then CARE_9 should read as follows: Since testing positive for HIV, what month and year did you **first** visit a doctor, nurse, or other healthcare worker for outpatient HIV medical care?

Retention (VR)

LASCA_9	VR.1.0.	When was your **most recent** visit to a doctor, nurse, or other healthcare worker for outpatient HIV medical care? Please tell me the month and year. ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_LASCA_9		Date most recent outpt. HIV care visit

Hard_edit1_ LASCA_9		LASCA_9 (date of most recent outpatient HIV medical care visit) cannot be earlier than CARE_9 (2-date of first outpatient HIV medical care visit). If LASCA_9 is earlier than CARE_9, then READ "Your most recent care visit cannot be earlier than your first care visit." Return to LASCA_9 (date of most recent outpatient HIV medical care visit).
Hard_edit2_LA SCA_9		LASCA_9 (date of most recent outpatient HIV medical care visit) cannot be later than IDATE (interview date). If LASCA_9 is later than IDATE (interview date), then READ "Your most recent care visit cannot be later than today." Return to LASCA_9 (date of most recent outpatient HIV medical care visit).
QDS_Program ming_LASCA_9		Allow a blank response for month.
USOCN5	VR.2.0.	What is the name of the place you went for most of your outpatient HIV medical care from ([LASCA_9]-365) to [LASCA_9]?
Label_USOCN5 QDS_program ming_USOCN5		Name of outpatient HIV medical care fac. Interviewer instructions: The name of the usual place of outpatient care is not recorded in QDS, but will be used in later questions. This is the name of the location where the medical record abstraction should be performed. If LASCA_9 is 77/7777 (don't know) or 88/8888 (refused to answer) or if month is blank, then READ: "What is the name of the place you went for most of your outpatient HIV medical care [in the year before your last outpatient HIV medical care visit]?"
NYMLTFN5	VR.3.0.	During the **past 2 years**, that is between [INSERT TWO YEARS PRIOR TO IDATE (interview date)] and [INSERT IDATE (interview date)], have you seen an HIV care provider for outpatient HIV medical care at any facility besides [INSERT NAME OF USUAL SOURCE OF OUTPATIENT CARE]? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NYMLTF N5		Seen any other providers past 2yrs
Skip_NYMLTFN 5		If NYMLTFN5 (seen any other outpatient HIV medical care providers past two years) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to MSAPPTN5 (missed any scheduled outpatient HIV medical care appointments). Else, go to MLTFA2N5.
MLTFA2N5	VR.3.1.	During the **past 2 years**, at how many total facilities have you received outpatient HIV medical care? Please include [INSERT NAME OF USUAL SOURCE OF OUTPATIENT CARE] in the total. ___ ___ [777 = Refused to answer, 888= Don't know]
Interviewer_no te_MLTFA2N5		I**nterviewer instructions**: A different clinic in the same hospital would be considered a different facility if different on the sampling frame.
Label_MLTFA2		Number outpatient HIV fac. in past 2yrs

N5 Range_MLTFA2N5		2–99
MLTFA1N5	VR.3.2.	During the **past 12 months**, that is, between [INSERT IDATE-12 months] to [IDATE], at how many total facilities have you received outpatient HIV medical care? Please include [INSERT NAME OF USUAL SOURCE OF OUTPATIENT CARE] in the total. ___ ___ [777 = Refused to answer, 888= Don't know]
Interviewer_note_MLTFA1N5		**Interviewer instructions**: A different clinic in the same hospital would be considered a different facility if different on the sampling frame.
Label_MLTFA1N5 Range_MLTFA1N5 Hard_edit_MLTFA1N5		Number outpatient HIV fac. in past yr 1–99 MLTFA1N5 (number outpatient HIV fac. in past yr) must be ≤ MLTFA2N5 (number outpatient HIV fac. in past 2yrs). If MLTFA1N5 ≥ MLTFA2N5, then READ: "The number of outpatient HIV facilities in the past year must be less than or equal to the number of outpatient HIV facilities in the two past years. Please confirm." Return to MLTFA1N5 (number outpatient HIV fac. in past yr).
MSAPPTN5	VR.4.0.	During the **past 12 months**, have you missed <u>any</u> scheduled appointments for outpatient HIV medical care that you didn't cancel? This doesn't include appointments that were cancelled by the clinic. No 0 Yes 1 Refused to answer 7 Don't know 8
Label_MSAPPTN5		Miss any scheduled HIV care appts
NOVSTSN5	VR.5.0.	During the **past 12 months,** how many visits have you had with <u>any</u> outpatient HIV medical care provider? ___ ___ [777 = Refused to answer, 888= Don't know]
Label_NOVSTSN5 Range_NOVSTSN5		Num visits outpatient care provider 0–365
SEEOFTN5	VR.6.0.	Do you think the number of times you saw an outpatient HIV medical care provider in the **past 12 months** was… [READ RESPONSES. SELECT ONLY ONE.] More than you needed 1 About the right number of times 2 Less than you needed 3

		Refused to answer 7 Don't know 8
Label_SEEOFTN5		Num. times you saw outpatient HIV care
Skip_SEEOFTN5		If SEEOFTN5 (number of times you saw an outpatient HIV medical care provider) = 1 (more than you needed to), 2 (about the right number of times), 7 (refused to answer), or 8 (don't know), then skip to INTRO_REEN5 (has a provider tried to help you get more frequent outpatient HIV medical care). Else, go to Intro_NOCBN5 series (reasons not in care).
Intro_NOCBN5		"I'm going to read you a list of things that can get in the way of outpatient HIV medical care. Please tell me whether or not each applies to you. Was one of the reasons that you didn't see a provider more often…"
NOCBN1N5	VR.6.1.	...because your doctor or other healthcare provider didn't ask you to come in more often? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NOCBN1N5		OOC: doctor or provider didn't ask
NOCBN2N5	VR.6.2.	...because you didn't feel sick? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NOCBN2N5		OOC: didn't feel sick
NOCBN3N5	VR.6.3.	...because you didn't believe that HIV medicine would improve your health? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NOCBN3N5		OOC: HIV meds
NOCBP1N5	VR.6.4.	...because you were afraid or in denial about being HIV positive? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NOCBP1N5		OOC: afraid or in denial

NOCBP2N5	VR.6.5.	...because you didn't want anyone to know that you have HIV?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBP2N5		OOC: didn't want anyone to know	
NOCBP3N5	VR.6.6.	...because you didn't like or trust healthcare providers?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBP3N5		OOC: didn't like/trust providers	
NOCBF1N5	VR.6.7.	...because of problems with money or health insurance?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBF1N5		OOC: problems with money or health	
NOCBC1N5	VR.6.8.	...because you had other things going on in your life that made it difficult?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBC1N5		OOC: other things going on in life	
NOCBS1N5	VR.6.9.	...because you couldn't find an HIV clinic or doctor or you couldn't find one that met your needs?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBS1N5		OOC: couldn't find clinic or dr	
NOCBS2N5	VR.6.10.	...because you had trouble getting transportation to a clinic?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBS2		OOC: transportation issues	

N5			
NOCBOTN5	VR.6.11.	…because of some other reason?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBOTN5		OOC: other reason	
Skip_NOCBOTN5		If NOCBOTN5 is 1 (yes), then go to NOCBN5OS (OOC: other specify). Else, skip to Skip_NOCBN5OS (Skip OOC: other reason).	
NOCBN5OS	VR.6.12.	Please tell me the other reason that you didn't see a provider more often. _____	
Label_NOCBN5OS		OOC: other specify	
Skip_NOCBN5OS		If NOCBC1N5 (because you had other things going on in your life that made it difficult) = 0 (no), 7 (refused to answer), or 8 (don't know) then skip to Skip_NOCNM1N5. Else go to Intro_NOCBD1N5.	
Intro_NOCBD1N5		"Earlier you said you had other things going on that made it difficult to see an HIV outpatient provider more often. Was it difficult…?"	
NOCBD1N5	VR.7.0.	...because you were drinking or using drugs?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBD1N5		OOC: other things - drinking or drugs	
NOCBD2N5	VR.7.1.	...because of depression or mental health problems?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBD2N5		OOC: other things - depression or MH	
NOCBD3N5	VR.7.2.	…because you were physically sick or hospitalized?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBD3N5		OOC: other things - sick or hospitalized	

NOCBD4N5	VR.7.3.	…because you were in prison or jail?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCBD4N5		OOC: other things - prison or jail	
NOCDOTN5	VR.7.4.	Was it difficult to get outpatient HIV medical care more often because of something else going on in your life?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NOCDOTN5		OOC: other things - something else	
Skip_NOCDOTN5		If NOCDOTN5 (OOC: other things - something else) is 1 (yes), then go to NOCDN5OS (OOC: other things - other specify). Else skip to Hard_edit_NOCDOTN5.	
NOCDN5OS	VR.7.5.	Please tell me what else has been going on in your life that has made it difficult for you to get outpatient HIV medical care. _____	
Label_NOCDN5OS		OOC: other things - other specify	
Hard_edit_NOCDOTN5		Participant must endorse one sub-reason. If NOCDOTN5 (Something else going on in your life that made it difficult to get care) is 0 (no) and the reasons for not getting outpatient HIV medical care: NOCBD1N5 (you were drinking or using drugs), NOCBD2N5 (depression or mental health problems), NOCBD3N5 (you were physically sick or hospitalized), and NOCBD4N5 (you were in prison) are 0 (no), then READ, "You said you had other things going on in your life that made it difficult to get more outpatient HIV medical care, but you didn't report a reason. Please confirm." Return to NOCBD1N5 (OOC: other things - drinking or drugs).	
Skip_NOCNM1N5		If NOCBS1N5 (because you couldn't find an HIV clinic or doctor or you couldn't find one that met your needs) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to instructions before NOCBMRN5 (most important barrier-not in care). Else go to NOCNM1N5 (because you couldn't find any HIV clinic or doctor).	
NOCNM1N5	VR.8.0.	You mentioned you couldn't find an HIV clinic or doctor or you couldn't find one that met your needs. Was it because you couldn't find <u>any</u> HIV clinic or doctor?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8

Label_NOCNM1N5		OOC: no doc - couldn't find any
Skip2_NOCNM1N5		If NOCNM1N5 (because you couldn't find any HIV clinic or doctor) = 1 (yes), then skip to Skip_NOCBMRN5 (most important barrier-not in care). Else go to Intro_NOCNMN5 (reason couldn't find a doctor or clinic).
Intro_NOCNMN5		"Was it…"
NOCNM2N5	VR.8.1.	...because the clinic was too far away? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NOCNM2N5		OOC: no doc - clinic too far away
NOCNM3N5	VR.8.2.	...because you couldn't find a clinic that spoke your language? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NOCNM3N5		OOC: no doc - language barrier
NOCNM4N5	VR.8.3.	...because you couldn't get an appointment? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NOCNM4N5		OOC: no doc - couldn't get appointment
NOCNMTN5	VR.8.4.	Could you not find a clinic or doctor that met your needs because of some other reason? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NOCNMTN5		OOC: no doc - other reason
Skip_NOCNMTN5		If NOCNMTN5 (OOC: no doc - other reason) is 1 (yes), then go to NOCMN5OS (OOC: no doc - other specify). Else, skip to Skip_NOCBMRN5 (most important barrier-not in care).
NOCMN5OS	VR.8.5.	Please tell me the other reason you have not found a clinic or doctor that met your needs.

		_____
Label_NOCMN5OS		OOC: no doc - other specify
Hard_edit_NOCNMTN5		Participant must endorse a sub-reason. If NOCNMTN5 (other reason you couldn't find a clinic) is 0 (no) and the reasons you couldn't find a clinic that met your needs: NOCNM1N5 (you couldn't find any HIV clinic or doctor), NOCNM2N5 (the clinic was too far away), NOCNM3N5 (you couldn't find a clinic that spoke your language), and NOCNM4N5 (you couldn't get an appointment) are all 0 (no), then READ, "You said you couldn't find any HIV clinic or you couldn't find one that met your needs, but you didn't report a reason. Please confirm." Return to question NOCNM2N5 (other reason you couldn't find a clinic).
Skip_NOCBMRN5		If the respondent selected yes to only 1 reason in the NOCBN5 series (Reasons not in care: NOCBN1N5, NOCBN2N5, NOCBN3N5, NOCBP1N5, NOCBP2N5, NOCBP3N5, NOCBF1N5, NOCBS2N5, NOCBOTN5), then skip to Intro_REEN5 (provider tried more freq. HIV care). If the respondent selected more than 1 reason, skip to QDS_programming_NOCBMRN5 (most important barrier-not in care). Else skip to NOCBMRN5 (most important barrier-not in care).
QDS_programming_NOCBMRN5		Show a list of the options selected in NOCBN5 (reasons not in care, i.e. NOCBN1N5, NOCBN2N5, NOCBN3N5, NOCBP1N5, NOCBP2N5, NOCBP3N5, NOCBF1N5, NOCBS2N5, NOCBOTN5), NOCBDN5 (reasons you had other things going on that made it difficult to get outpatient HIV medical care, i.e., NOCBD1N5, NOCBD2N5, NOCBD3N5, NOCBD4N5, NOCDOTN5, NOCDN5OS), or NOCNMN5 (reasons you couldn't find any clinic or a clinic that met your needs, i.e. NOCNM1N5, NOCNM2N5, NOCNM3N5, NOCNM4N5, NOCNMTN5) where the selection = 1 (yes)
NOCBMRN5	VR.9.0.	Of all the reasons you just gave, what is the most important one? [READ PREVIOUSLY SELECTED CHOICES. SELECT ONLY ONE.]
		Because your doctor or other healthcare provider didn't ask you to come in more often? 1
		Because you didn't feel sick? 2
		Because you didn't believe that HIV medicine would improve your health? 3
		Because you were afraid or in denial about being HIV positive? 4
		Because you didn't want anyone to know that you have HIV? 5
		Because you didn't like or trust healthcare providers? 6
		Because of problems with money or health insurance? 7
		Because you had trouble getting transportation to a clinic? 8
		Because of [response from NOCBN5OS (other specify reason)]? 9
		Because you were drinking or using drugs? 10
		Because of depression or mental health problems? 11

		Because you were physically sick or hospitalized?	12
		Because you were in prison or jail?	13
		Because of [response from NOCDN5OS (other thing going on that made it difficult to get outpatient HIV medical care more often)]?	14
		Because you couldn't find any HIV clinic or doctor?	15
		Because the clinic was too far away?	16
		Because you couldn't find a clinic that spoke your language?	17
		Because you couldn't get an appointment?	18
		Because of [response from NOCMN5OS (other reason you couldn't find a clinic)]?	19
		Refused to answer	77
		Don't know	88
Label_NOCBMRN5		Most important barrier-not in care	
Intro_REEN5		"For the next question, I'll be asking about whether you got help getting connected to outpatient HIV medical care from a professional. A professional could be someone like a doctor, nurse, social worker, or receptionist."	
REEN5	VR.10.0.	During the **past 12 months**, has a professional tried to help you get outpatient HIV medical care more often than you are getting now?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_REEN5		Provider tried more freq. HIV care	
Skip_YRGAPN5		If the date given in CARE1N5 (1-Date of 1st outpatient HIV care visit) or CARE_9 (2-date of first visit to a provider for HIV care) is ≤ 12 months prior to IDATE (interview date), skip to Skip_GESATN5 (satisfaction with outpatient HIV care). If the date given in LASCA_9 (date of most recent visit to a provider for HIV care ≥ 12 months prior to IDATE (interview date), skip to Skip_GESATN5 (satisfaction with outpatient HIV care). If CARE_9 is 8 (don't know) or 7 (refused to answer), then the first condition (CARE1N5 or CARE_9 is ≤ 12 months prior to the date given in LASCA_9) should not apply. If LASCA_9 is 8 (don't know) or 7 (refused to answer), then neither condition should apply. If neither condition applies, the interviewer should go on to the next question (gap in care questions).	
YRGAPN5	VR.10.1.	Since your first visit to an outpatient HIV medical care provider in [INSERT DATE FROM CARE_9], has there **ever** been a time that you went more than a year without seeing any outpatient HIV medical care provider?	
		No	0
		Yes	1
		Refused to answer	7

		Don't know 8
Label_YRGAPN5		Ever had a year gap in care
QDS_programming_YRGAPN5		If CARE_9 (2-Date of first outpatient HIV care visit) is 77/7777 (refused to answer) or 88/8888 (don't know) or has an unknown month value, then YRGAPN5 should read as follows: Since your first visit to an outpatient HIV medical care provider, has there **ever** been a time that you went more than a year without seeing any outpatient HIV medical care provider?
Skip_ENDGPN5		If YRGAPN5 (ever had a year gap in care) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to the next topic (Skip_GESATN5, satisfaction with outpatient HIV care). Else, go to ENDGPN5 (date returned to a provider for HIV care).
ENDGPN5	VR.10.2.	After the last time you went without care for more than a year, when did you start seeing an outpatient HIV medical care provider again? Please tell me the month and year. ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know
Label_ENDGPN5		Date returned to HIV care after 1yr gap
Soft_edit_1ENDGPN5		If ENDGPN5 (date returned to a provider for HIV care) is earlier than CARE_9 (2-date first visit to a provider for HIV care), then READ, "The date entered is earlier than the date first received HIV care. Please confirm date." Allow the program to advance.
Soft_edit_2ENDGPN5		If ENDGPN5 is later than LASCA_9 (date of most recent visit to a provider for HIV care), then READ, "The date entered is after the most recent visit to an HIV provider. Please confirm date." Allow the program to advance.
Hard_edit_3ENDGPN5		If ENDGPN5 (date returned to HIV care after 1yr gap) is within 12 months of date given in CARE_9 (2-date of first visit to a provider for HIV care), then READ, "The date entered is within 12 months of the first care date. Go back to previous question to confirm date." Return to ENDGPN5 (date returned to HIV care after 1yr gap).
QDS_programming_ENDGPN5		Allow a blank response for month.

HIV care quality (VQ)

Skip_GESATN5		If LASCA_9 (date of most recent visit to a provider for HIV care) is more than 12 months prior to the IDATE (interview date), then skip to next topic (Calculation_ENHVCAN5, End of HIV in care section). Else, go to GESATN5 (satisfaction with outpatient HIV care).
GESATN5	VQ.1.0.	In general, how satisfied are you with the outpatient HIV medical care you received in the **past 12 months**? [READ RESPONSES. SELECT ONLY ONE.]

	Very satisfied	1
	Somewhat satisfied	2
	Somewhat dissatisfied	3
	Very dissatisfied	4
Skip_1GESATN5	If LASCA_9 (date of most recent visit to a provider for HIV care) = 7 (refused to answer) or 8 (don't know), then show 5 (you haven't had healthcare in the past 12 months). People who have been out of care for exactly 12 months should be asked 5 (you haven't had healthcare in the past 12 months.) Else, skip to next topic (Calculation_ENHVCAN5, End of HIV in care section).	
	You haven't had healthcare in the past 12 months	5
	Refused to answer	7
	Don't know	8
Label_GESATN5	Satisfaction with outpatient HIV care	

Calculation_ENHVCAN5	ENHVCAN5 = Current time
Label_ENHVCAN5	End of HIV in care section
Calculation_TLHVCAN5	Calculate elapsed time between STHVCAN5 and ENHVCAN5 = TLHVCAN5
Label_TLHVCAN5	Total time for HIV Care
Skip1_EVERCRN5	If EVERCRN5 (ever received outpatient HIV medical care) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to Calculation_STGNMDN5 (start time of general medical care). Else, go to Calculation_STADHRN5 (Start HIV treatment and adherence).

HIV treatment and adherence (T)

Calculation_STADHRN5		STADHRN5 = Current time.
Label_STADHRN5		Start HIV treatment and adherence
Intro_EART_N5		"Now I'm going to ask some questions about medicines that you may be taking for your HIV. These medicines are called HIV medicines, and are also known as antiretroviral medicines, ART, or HAART. The questions I am going to ask you are about HIV medicines taken **after you tested HIV positive**."
EART_N5	T.1.0.	Have you **ever** taken any HIV medicines? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_EART_N5		Ever taken ART
Skip_EART_N5		If EART_N5 (ever taken ART) is 1 (yes), skip to FART_N5 (date first took ART). If EART_N5 (ever taken ART) is 7 (refused to answer) or 8 (don't know), skip to P12_N5 (took prescriptions meds in past 12 months). Else go Intro_NART1_N5 (Never ART: No one talked about it).
Intro_NART1_N5		"I'm going to read you a list of reasons why some people have not taken HIV medicines **after testing HIV positive**. For each reason, please tell me "yes" or "no" if it applies to your situation. [READ RESPONSES.]"
NART1_N5	T.1.1.	No healthcare provider has **ever** talked to you about taking HIV medicines. No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NART1_N5		Never ART: No one talked about it
NART2_N5	T.1.2.	Your doctor said you should not start taking HIV medicines. No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NART2_N5		Never ART: Dr said not to start
NART3_N5	T.1.3.	You have problems paying for or getting insurance or coverage for HIV medicines. No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NART3_N5		Never ART: Prob. with money/insurance
NART4_N5	T.1.4.	You decided not to take HIV medicines because you don't think you need

		them. No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NART4_N5		Never ART: Don't think you need them
NART5_N5	T.1.5.	You decided not to take HIV medicines because you think they would make you feel sick or harm you. No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NART5_N5		Never ART: Think would feel sick or harm
NART6_N5	T.1.6.	You decided not to take HIV medicines for some other reason. No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NART6_N5		Never ART: Other reason
Skip_NART6_N5		Skip to P12_N5 (took prescriptions meds in past 12 months).
Soft_edit_NART_series		If NART1_N5 through NART6_N5 are all "no," then READ: "The respondent said earlier that he or she had not taken any HIV medicines after testing positive for HIV. Please confirm that the respondent has no reason for not taking any HIV medicines." Allow the program to advance.
FART_N5	T.2.0.	When was the first time you **ever** took any HIV medicines? Please tell me the month and year. ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_FART_N5		Date first took ART
QDS_programming_FART_N5		Allow a blank response for month. If month is blank for FART_N5 (date first took ART), use the year values for the validation.
Hard_edit1_FART_N5		FART_N5 (date first took ART) cannot be earlier than POS1S_9 (date first tested positive). If FART_N5 (date first took ART) was before POS1S_9 (date of first positive test), 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. FART_N5 (date first took ART) cannot be later than IDATE (interview date). If FART_N5 (date first took ART) > IDATE (interview date), then READ, "The date first took HIV medications cannot be later than interview date. Please re-enter date." Do not allow the program to advance. FART_N5 (date first took ART) cannot be earlier than CARE_9 (2-date first went to a provider for HIV care).
Hard_edit2_FART		FART_N5 (date first took ART) cannot be later than IDATE (interview date).

_N5		If FART_N5 (date first took ART) > IDATE (interview date), then READ, “The date first took HIV medications cannot be later than interview date. Please re-enter date." Do not allow the program to advance.
Soft_edit_FART_N5		If FART_N5 (date first took ART) < CARE_9 (2-date first went to a provider for HIV care), then READ, “The date first took HIV medications should not be earlier than the date first went to a provider for HIV care. Please confirm date." Allow the program to advance.
CART_N5	T.3.0.	Are you **currently** taking any HIV medicines? No 0 Yes 1 Refused to answer 7 Don’t know 8
Label_CART_N5		Currently taking ART
Skip_CART_N5		If CART_N5 (currently taking ART) is 1 (yes), skip to intro_ADH1_N5 (days missed taking ART). If CART_N5 (currently taking ART) is 7 (refused to answer) or 8 (don’t know), skip to ATMD12_9 (took ART in past 12 months). Else go to Intro_CART1_N5 (stopped ART: No one talked about it).
Intro_CART1_N5		“I’m going to read you a list of reasons why some people are not taking HIV medicines. For each reason, please tell me “yes” or “no” if it applies to your situation.”
CART1_N5	T.3.1.	No healthcare provider has talked to you about restarting HIV medicines. No 0 Yes 1 Refused to answer 7 Don’t know 8
Label_CART1_N5		Stopped ART: No one talked about it
CART2_N5	T.3.2.	Your doctor said you should not take HIV medicines. No 0 Yes 1 Refused to answer 7 Don’t know 8
Label_CART2_N5		Stopped ART: Dr said not to start
CART3_N5	T.3.3.	You have problems paying for or getting insurance or coverage for HIV medicines. No 0 Yes 1 Refused to answer 7 Don’t know 8
Label_CART3_N5		Stop ART: Prob. with money or insurance
CART4_N5	T.3.4.	You decided not to take HIV medicines because you don’t think you need them. No 0

		Yes	1
		Refused to answer	7
		Don't know	8
Label_CART4_N5		Stopped ART: Don't think you need them	
CART5_N5	T.3.5.	You decided not to take HIV medicines because you think they would make you feel sick or harm you.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_CART5_N5		Stop ART: Think would feel sick or harm	
CART6_N5	T.3.6.	You decided not to take HIV medicines for some other reason.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_CART6_N5		Stopped ART: Other reason	
Skip_CART6_N5		Skip to ATMD12_9 (took ART in past 12 months).	
Soft_edit_CART_series		If CART1_N5 through CART6_N5 are all "no," then READ: "The respondent said earlier that he or she is not currently taking HIV medicines. Please confirm that the respondent has no reason for not taking any HIV medicines." Allow the program to advance.	
Intro_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 IDATE (interview date) - 30 DAYS] to now [INSERT IDATE]. 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]"	
ADH1_N5	T.4.0.	In the **past 30 days**, on how many days did you miss at least one dose of any of your HIV medicines? ___ ___ [77 = Refused to answer, 88 = Don't know]	
Label_ADH1_N5		Days missed taking ART	
Range_ADH1_N5		0–30	
ADH2_N5	T.4.1.	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.]	
		Very poor	1
		Poor	2
		Fair	3
		Good	4
		Very good	5
		Excellent	6
		Refused to answer	7

		Don't know	8
Label_ADH2_N5		How good a job taking ART	
ADH3_N5	T.4.2.	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.]	
		Never	1
		Rarely	2
		Sometimes	3
		Usually	4
		Almost always	5
		Always	6
		Refused to answer	7
		Don't know	8
Label_ADH3_N5		How often took ART	
TRBL_EFT	T.5.0.	For the next question we will use Response Card C. During the **past 30 days**, how often were you troubled by side effects from any of your HIV medicines? [READ RESPONSES. SELECT ONLY ONE.]	
		Never	1
		Rarely	2
		About half of the time	3
		Most of the time	4
		Always	5
		Refused to answer	7
		Don't know	8
Label_TRBL_EFT		How often side effects	
OFT_N5	T.6.0.	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]	
		Three times or more a day	1
		Twice a day	2
		Once a day	3
		Less often than once a day—for example, every other day or weekly	4
		Refused to answer	7
		Don't know	8
Label_OFT_N5		How often take ART	
Intro_MIS1_N5		"The **last** time you missed taking your HIV medicines, which of the following were reasons you missed?"	
MIS1_N5	T.7.0.	You had a problem getting a prescription, a refill, insurance coverage, or paying for your HIV medicines.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8

Label_MIS1_N5		Miss ART: Prob. prescription/ins/money
MIS2_N5	T.7.1.	You were in the hospital or too sick to take your HIV medicines.
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_MIS2_N5		Missed ART: Hospitalized or sick
MIS3_N5	T.7.2.	You fell asleep early or overslept.
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_MIS3_N5		Missed ART: Asleep or overslept
MIS4_N5	T.7.3.	You had a change in your daily routine or were out of town.
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_MIS4_N5		Miss ART: Change routine or out of town
MIS5_N5	T.7.4.	You had side effects from your HIV medicines.
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_MIS5_N5		Missed ART: Side effects
MIS6_N5	T.7.5.	You felt depressed or overwhelmed.
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_MIS6_N5		Missed ART: Depressed or overwhelmed
MIS7_N5	T.7.6.	You were drinking or using drugs.
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_MIS7_N5		Missed ART: Drinking or using drugs
MIS8_N5	T.7.7.	You forgot to take your HIV medicines.
		No 0
		Yes 1
		Refused to answer 7

		Don't know	8
Label_MIS8_N5		Missed ART: Forgot	
MIS9_N5	T.7.8.	You did not feel like taking your HIV medicines.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_MIS9_N5		Missed ART: Didn't feel like taking	
Skip_MIS9_N5		Skip to DASK_N5 (doctor asked if missed).	
ATMD12_9	T.8.0.	During the **past 12 months**, have you taken HIV medicines?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_ATMD12_9		Took ART in past 12 months	
Skip_ATMD12_9		If ATMD12_9 (took ART in past 12 months) is 0 (no), 7 (refused to answer), or 8 (don't know), skip to P12_N5 (took prescriptions meds in past 12 months). Else go to DASK_N5 (Dr asked if missed ART doses).	
DASK_N5	T.9.0.	During the **past 12 months**, did your doctor or other clinic staff ask you whether you missed taking any doses of your HIV medicines?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DASK_N5		Dr asked if missed ART doses	
PROB_N5	T.9.1.	During the **past 12 months**, did your doctor or other clinic staff ask you whether you had problems taking your HIV medicines?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_PROB_N5		Dr asked if problems taking ART doses	
Skip_PROB_N5		Skip to Intro_PRMD1_N5 (problems with meds: Skipped doses to save money).	
P12_N5	T.10.0.	During the **past 12 months**, have you taken any prescription medicines?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_P12_N5		Took prescriptions meds past 12 months	
Skip_P12_N5		If P12_N5 (took prescriptions meds in past 12 months) is 0 (no), 7 (refused to answer), or 8 (don't know), skip to next topic (Calculation_ENADHRN5, End of HIV adherence section). Else go to Intro_PRMD1_N5.	

Intro_PRMD1_N5		"The next questions are about all prescription medicines you have taken in the **past 12 months**. Include HIV medicines as well as medicines prescribed for other conditions. During the **past 12 months**, are any of the following true for you?"	
PRMD1_N5	T.11.0.	You skipped medication doses to save money.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_PRMD1_N5		Prob. with meds: skipped to save money	
PRMD2_N5	T.11.1.	You took less medicine to save money.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_PRMD2_N5		Prob. with meds: took less to save money	
PRMD3_N5	T.11.2.	You delayed filling a prescription to save money.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_PRMD3_N5		Prob. with meds: delayed filling	
PRMD4_N5	T.11.3.	You asked your doctor for a lower-cost medication to save money.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_PRMD4_N5		Prob. with meds: lower cost med	
PRMD5_N5	T.11.4.	You bought prescription drugs from another country to save money.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_PRMD5_N5		Prob. w/meds: bought from oth. country	
PRMD6_N5	T.11.5.	You used alternative therapies to save money.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_PRMD6_N5		Prob. with meds: alternative therapies	
Skip_PRMD6_N5		Skip to next topic (Calculation_ENADHRN5, End of HIV treatment and adherence).	

Calculation_ENADHRN5	ENADHRN5 = Current time
Label_ENADHRN5	End of HIV treatment and adherence
Calculation_TLADHRN5	Calculate elapsed time between STADHRN5 and ENADHRN5 = TLADHRN5
Label_TLADHRN5	Total time for HIV tx and adherence

General medical care (J)

Calculation_STGNMDN5		STGNMDN5 = Current time.
Label_STGNMDN5		Start time of General Medical Care

ER and hospitalizations (JH)

Intro_HOSPERN5		"Now I'm going to ask you about visits to the emergency room or hospitalizations and general medical care."
HOSPERN5	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. ___ ___ ___ [777 = Refused to answer, 888= Don't know]
Label_HOSPERN5		Number of times gone to hospital ER
Range_HOSPERN5		0–776
HOSPONN5	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. No 0 Yes 1 Refused to answer 7 Don't know 8
Label_HOSPONN5		Ever in a hospital overnight
Skip_HOSPONN5		If HOSPONN5 (ever in a hospital overnight) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to CLTREC_9 (participated in HIV clinical trial in p12m). Else go to NUMONN5 (number of times stayed in hospital overnight).
NUMONN5	JH.2.1.0.	During the **past 12 months**, how many different times did you stay in any hospital overnight or longer? ___ ___ ___ [777 = Refused to answer, 888= Don't know]
Label_NUMONN5		Num times stayed in hospital overnight
Range_NUMMONN5		1– 365

Other care (JO)

CLTREC_9	JO.1.0.	During the **past 12 months**, have you participated in an HIV clinical trial? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_CLTREC_9		Participated in HIV clinical trial in p12m

Calculation_ENGNMDN5	ENGNMDN5 = Current time
Label_ENGNMDN5	End of General medical care
Calculation_TLGNMDN5	Calculate elapsed time between STGNMDN5 and ENGNMDN5 = TLGNMDN5
Label_TLGNMDN5	Total time for General medical care

Health literacy (HL)

Calculation_STHLLN5		STHLLN5= Current time.
Label_STHLLN5		Start time of health literacy
Intro_5_HLMF_12		"For the next question, we'll use Response Card H."
HLMF_12	HL.1.0.	How confident are you filling out medical forms by yourself? [READ RESPONSES. SELECT ONLY ONE.] Extremely 1 Quite a bit 2 Somewhat 3 A little bit 4 Not at all 5 Refused to answer 7 Don't know 8
Label_HLMF_12		Health lit: filling out medical forms

Calculation_ENHLLN5	ENHLLN5 = Current time
Label_ENHLLN5	End of health literacy
Calculation_TLHLLN5	Calculate elapsed time between STHLLN5 and ENHLLN5 = TLHLLN5
Label_TLHLLN5	Total time for health literacy

Depression and Anxiety (M)

Calculation_STMNHLN5		STMNHLN5 = Current time
Label_STMNHLN5		Start time mental health
Intro_5_ANX_DEPA		"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 D for these questions. We'll also use the calendar to refer to the past 2 weeks."

PHQ-4 screening questions (MD)

Intro_1ANX_DEPA		"Over the **past 2 weeks**, how often have you been bothered by any of the following problems?"
ANX_DEPA	MD.1.0.	Little interest or pleasure in doing things? [USE RESPONSE CARD D. SELECT ONLY ONE.] Not at all 1 Several days 2 More than half the days 3 Nearly every day 4 Refused to answer 7 Don't know 8
Label_ANX_DEPA		PHQ little interest
ANX_DEPB	MD.2.0.	Feeling down, depressed, or hopeless? [USE RESPONSE CARD D. SELECT ONLY ONE.] Not at all 1 Several days 2 More than half the days 3 Nearly every day 4 Refused to answer 7 Don't know 8
Label_ANX_DEPB		PHQ feeling down
ANXNR_N5	MD.3.0.	Feeling nervous, anxious or on edge? [USE RESPONSE CARD D. SELECT ONLY ONE.] Not at all 1 Several days 2 More than half the days 3 Nearly every day 4 Refused to answer 7 Don't know 8
label_ANXNR_N5		GAD anxious
ANXSW_N5	MD.4.0.	Not being able to stop or control worrying? [USE RESPONSE CARD D. SELECT ONLY ONE.]

	Not at all	1
	Several days	2
	More than half the days	3
	Nearly every day	4
	Refused to answer	7
	Don't know	8
Label_ANXSW_N5	GAD not stop worrying	
Skip_ANXSW_N5	If (ANX_DEPA [PHQ little interest] = 3 or 4) or (ANX_DEPB [PHQ feeling tired] = 3 or 4), go to Intro_N5_ANX_DEPC (PHQ sleep trouble); else, skip to Skip_ANXWR_N5.	

PHQ-8 depression (MA)

Intro_N5_ANX_DEPC		"Over the **past 2 weeks**, how often have you been bothered by any of the following problems?"
ANX_DEPC	MA.1.0.	Trouble falling or staying asleep, or sleeping too much? [USE RESPONSE CARD D. SELECT ONLY ONE.]
		Not at all 1
		Several days 2
		More than half the days 3
		Nearly every day 4
		Refused to answer 7
		Don't know 8
Label_ANX_DEPC		PHQ sleep trouble
ANX_DEPD	MA.2.0.	Feeling tired or having little energy? [USE RESPONSE CARD D. SELECT ONLY ONE.]
		Not at all 1
		Several days 2
		More than half the days 3
		Nearly every day 4
		Refused to answer 7
		Don't know 8
Label_ANX_DEPD		PHQ feeling tired
ANX_DEPE	MA.3.0.	Poor appetite or overeating? [USE RESPONSE CARD D. SELECT ONLY ONE.]
		Not at all 1
		Several days 2
		More than half the days 3
		Nearly every day 4
		Refused to answer 7
		Don't know 8
Label_ANX_DEPE		PHQ poor appetite
ANX_DEPF	MA.4.0.	Feeling bad about yourself—or that you are a failure or have let yourself or your family down? [USE RESPONSE CARD D. SELECT ONLY ONE.]

		Not at all	1
		Several days	2
		More than half the days	3
		Nearly every day	4
		Refused to answer	7
		Don't know	8
Label_ANX_DEPF		PHQ feeling bad about self	
ANX_DEPG	MA.5.0.	Trouble concentrating on things, such as reading the newspaper or watching television? [USE RESPONSE CARD D. SELECT ONLY ONE.]	
		Not at all	1
		Several days	2
		More than half the days	3
		Nearly every day	4
		Refused to answer	7
		Don't know	8
Label_ANX_DEPG		PHQ trouble concentrating	
ANX_DEPH	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 D. SELECT ONLY ONE.]	
		Not at all	1
		Several days	2
		More than half the days	3
		Nearly every day	4
		Refused to answer	7
		Don't know	8
Label_ANX_DEPH		PHQ moving slowly or being fidgety	

GAD-7 anxiety (MG)

Skip_ANXWR_N5		If ANXNR_N5 (GAD anxious) = 3 or 4 or ANXSW_N5 (GAD not stop worrying) = 3 or 4, go to Intro_ANXWR_N5 (GAD worrying too much); else, skip to the next topic (Calculation_ENMNHLN5, End of mental health).
Intro_ANXWR_N5		"Over the **past 2 weeks**, how often have you been bothered by any of the following problems?"
ANXWR_N5	MG.1.0.	Worrying too much about different things? [USE RESPONSE CARD D. SELECT ONLY ONE.]
		Not at all 1
		Several days 2
		More than half the days 3
		Nearly every day 4
		Refused to answer 7
		Don't know 8
Label_ANXWR_N5		GAD worrying too much

ANXRX_N5	MG.2.0.	Trouble relaxing? [USE RESPONSE CARD D. SELECT ONLY ONE.]	
		Not at all	1
		Several days	2
		More than half the days	3
		Nearly every day	4
		Refused to answer	7
		Don't know	8
Label_ANXRX_N5		GAD trouble relaxing	
ANXRS_N5	MG.3.0.	Being so restless that it's hard to sit still? [USE RESPONSE CARD D. SELECT ONLY ONE.]	
		Not at all	1
		Several days	2
		More than half the days	3
		Nearly every day	4
		Refused to answer	7
		Don't know	8
Label_ANXRS_N5		GAD restless	
ANXIR_N5	MG.4.0.	Becoming easily annoyed or irritable? [USE RESPONSE CARD D. SELECT ONLY ONE.]	
		Not at all	1
		Several days	2
		More than half the days	3
		Nearly every day	4
		Refused to answer	7
		Don't know	8
Label_ANXIR_N5		GAD irritable	
ANXAF_N5	MG.5.0.	Feeling afraid as if something awful might happen? [USE RESPONSE CARD D. SELECT ONLY ONE.]	
		Not at all	1
		Several days	2
		More than half the days	3
		Nearly every day	4
		Refused to answer	7
		Don't know	8
Label_ANXAF_N5		GAD feeling afraid	

Calculation_ENMNHLN5	ENMNHLN5 = Current time
Label_ENMNHLN5	End of mental health
Calculation_TLMNHLN5	Calculate elapsed time between STMNHLN5 and ENMNHLN5 = TLMNHLN5
Label_TLMNHLN5	Total time for mental health

Sexual behavior (S)

Calculation_ST_SEXN5	ST_SEXN5 = Current time
Label_ST_SEXN5	Start time of sexual behavior

Total sex partners (ST)

Intro_SX_TFPN4	"Next, I'm going to ask you some questions about sex. Please remember that your answers will be kept confidential and that you don't have to answer any questions that you don't want to. I'll ask you about the number of people you had sex with during the **past 12 months**. 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 thinking about your answers, please include anyone whom you had vaginal or anal sex with during the **past 12 months**, but don't include people you only had oral sex with. The number of people could range anywhere from 0 to over a hundred."

Calculation_SX_GEN	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).

Label_SX_GEN	Sex gender

		BIRTGEN				
		Male	Female	Intersex	Refused to answer	Don't know
Gender	Male	SX_GEN = 1 male	SX_GEN = 3 transgender	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate
	Female	SX_GEN = 3 transgender	SX_GEN = 2 female	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate
	Transgender	SX_GEN = 3 transgender	SX_GEN = 3 transgender	SX_GEN = 4 Indeterminate	SX_GEN = 3 transgender	SX_GEN = 3 transgender
	Refused	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate
	Don't know	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate	SX_GEN = 4 Indeterminate

Skip_SX_TFPN4		If SX_GEN=2 (Female), skip to SX_TMPN4 (number of male partners). Else, go to SX_TFPN4 (number of female partners).
SX_TFPN4	ST.1.0.	During the **past 12 months**, how many females have you had sex with? ___ ___ ___ [7777 = Refused to answer, 8888 = Don't know]
Label_SX_TFPN4 Range_SX_TFPN4		Number of female partners 0–999
SX_TMPN4	ST.2.0.	During the **past 12 months,** how many males have you had sex with? ___ ___ ___ [7777 = Refused to answer, 8888 = Don't know]
Label_SX_TMPN4 Range_SX_TMPN4		Number of male partners 0–999
SX_TTPN4	ST.3.0.	During the **past 12 months,** how many transgender persons have you had sex with? ___ ___ ___ [7777 = Refused to answer, 8888 = Don't know]
Label_SX_TTPN4 Range_SX_TTPN4		Number of transgender partners 0–999
Calculation_SX_TOTN4		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), or 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.
Label_SX_TOTN4		Total number of vaginal and anal sex partners
Calculation_SXFMONN4		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.
Label_SXFMONN4		Female only partners
Calculation_SXMLONN4		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.
Label_SXMLONN4		Male only partners
Calculation_SXTGONN4		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.
Label_SXTGONN4		Transgender only partners
Skip_SX_TWPN4		If SX_GEN=2 (Female), go to Intro_SX_TWPN4 (number of female-female partners). If SX_GEN is not 2 (Female) and SX_TOTN4 (total number of sex partners) = 0, skip to Intro_SEROSRT1 (Partner +, more likely unprotected sex). Else, if SX_GEN is not 2 (Female) and SX_TOTN4 (total number of sex partners) ≥ 1 skip to skip_SX_EXCN4 (exchange sex).
Intro_SX_TWPN4		"Now, I'm going to ask you about sex with women."
SX_TWPN4	ST.4.0.	During the **past 12 months**, how many women did you have sex with? ___ ___ ___ [7777 = Refused to answer, 8888 = Don't know]
Label_SX_TWPN4		Number of female-female partners
Range_SX_TWPN4		0–999
Calculation _SXFFONN4		Female-female only partners: create a calculated variable SXFFONN4 (female-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), 7 (refused to answer) AND SX_TWPN4 (number of female-female partners) ≥ 1, THEN SXFFONN4 (female-female only partners) = 1; ELSE SXFFONN4 = 0.
Label_SXFFONN4		Female-female only partners
Skip_SX_EXCN4		Women who only had sex with women: If SX_GEN=2 (female) AND SX_TMPN4 (number of male partners) = 0, 7 (refused to answer) or 8 (don't know), AND SX_TTPN4 (number of transgender partners) = 0, 7 (refused to answer) or 8 (don't know), skip to Intro_SEROSRT1 (Partner +, more likely unprotected sex). No vaginal or anal sex partners: If SX_TFPN4 (number of female partners), SX_TMPN4 (number of male partners), and SX_TTPN4 (number of transgender partners) are all some combination of 0, 7 (refused to answer) or 8 (don't know), then skip to Intro_SEROSRT1 (Partner +, more likely unprotected sex). Else: Go to SX_EXCN4 (exchange sex).

Exchange sex (SE)

SX_EXCN4	SE.1.0.	During the **past 12 months**, did you have sex in exchange for things like food, shelter, transportation, money, or drugs?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_SX_EXCN4		Exchange sex	

Names of partners (SN)

Skip_5_1SX_NM1N4	If SX_TOTN4 (total number of sex partners) = 1, go to Intro_5_1SX_NM1N4 (name of partner 1). If SX_TOTN4 ≥ 2, skip to Intro_5_2SX_NM1N4 (name of partner 1). If SX_GEN = 2 (female) and SX_TMPN4 (number of male sex partners) = 1, then skip to Intro_5_3SX_NM1N4. If SX_GEN = 2 (female) and SX_TMPN4 (number of male sex partners) > 1, then skip to Intro_5_4SX_NM1N4.
Intro_5_1SX_NM1N4	"Now I'm going to ask you some questions about the person that you recently had sex with during the **past 12 months**, such as his or her age and race. Please answer to the best of your knowledge, but it's okay to tell me that you don't know or that you're unsure. Since I'll be asking questions about this person, I need some way to refer to him or her. You may refer to him or her in any way you want—initials, nickname, or where you met. However, please don't provide a last name or any other identifying information."
Skip_5_2SX_NM1N4	Skip to SX_NM1N4 (name of partner 1).
Intro_5_2SX_NM1N4	"Now I'm going to ask you some questions about the [IF SX_TOTN4 (total number of sex partners) is 2, 3, or 4, THEN INSERT RESPONSE FROM SX_TOTN4 (total number of sex partners). IF SX_TOTN4 (total number of sex partners) ≥5, THEN INSERT "5"] people you recently had sex with during the **past 12 months**, such as their age and race. Please answer to the best of your knowledge, but it's okay to tell me that you don't know or that you're unsure. Since I'll be asking questions about each person, I need some way to refer to them, so that when I ask you follow-up questions, we both know we're talking about the same person. You may refer to them in any way you want—initials, nicknames, or where you met. However, please don't provide last names or any other identifying information."
Skip_5_3SX_NM1N4	Skip to SX_NM1N4 (name of partner 1).
Intro_5_3SX_NM1N4	"Now I'm going to ask you some questions about the male partner that you recently had sex with during the **past 12 months,** such as his age and race.

		Please answer to the best of your knowledge, but it's okay to tell me that you don't know or that you're unsure. Since I'll be asking questions about this person, I need some way to refer to him, so that when I ask you follow-up questions, we both know we're talking about the same person. You may refer to him in any way you want—initials, nickname, or where you met. However, please don't provide a last name or any other identifying information."
Skip_5_4SX_NM1N4		Skip to SX_NM1N4 (name of partner 1).
Intro_5_4SX_NM1N4		"Now I'm going to ask you some questions about the [IF SX_TOTN4 (total number of sex partners) is 2, 3, or 4, THEN INSERT RESPONSE FROM SX_TOTN4 (total number of sex partners). IF SX_TOTN4 (total number of sex partners) ≥5, THEN INSERT "5"] male partners that you recently had sex with during the **past 12 months,** such as their age and race. Please answer to the best of your knowledge, but it's okay to tell me that you don't know or that you're unsure. Since I'll be asking questions about each person, I need some way to refer to them, so that when I ask you follow-up questions, we both know we're talking about the same 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."
SX_NM1N4	SN.1.0.	What shall we call the person with whom you most recently had sex during the **past 12 months**? _____ [7 = Refused to answer]
Label_SX_NM1N4		Name of partner 1
Skip_SX_NM1N4		If SX_TOTN4 (total number of sex partners) = 1 AND SX_NM1N4 (name of partner 1), is 7 (refused to answer), READ the message "Interviewer: remind the respondent that he or she can provide initials, nicknames, or another name to identify the partner." Go back to SX_NM1N4 (name of partner 1). If SX_NM1N4 (name of partner 1), is still 7 (refused to answer), skip to Intro_SEROSRT1 (Partner +, more likely unprotected sex).
Range_SX_NM1N4		Character limit = 50.
QDS_programming_SX_NM1N4		Open-ended response. Do not allow an 8 (don't know) response option.
SX_NM2N4	SN.1.1.	What shall we call the 2nd person with whom you had sex during the **past 12 months**? _____ [7 = Refused to answer]
Label_SX_NM2N4		Name of partner 2
Skip_SX_NM2N4		If SX_TOTN4 (total number of sex partners) = 2 AND SX_NM1N4 (name of partner 1) and SX_NM2N4 (name of partner 2) are 7 (refused to answer), skip to Intro_SEROSRT1 (Partner +, more likely unprotected sex). If SX_TOTN4 (total number of sex partners) ≥3, go to SX_NM3N4 (name of partner 3). Else, skip to

		SXTOVRN4 (verification of total sex partners). EXAMPLE: SX_NM1N4 (name of partner 1) is 7 (refused to answer) AND SX_NM2N4 (name of partner 2) is "John," then go to SX_NM3N4 (name of partner 3).
Range_SX_NM2N4		Character limit = 50
Hard_edit_SX_NM2N4		If SX_NM1N4 (name of partner 1) and SX_NM2N4 (name of partner 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 SX_NM2N4 (name of partner 2).
QDS_programming_SX_NM2N4		Use open-ended response. Do not allow an 8 (don't know) response option.
SX_NM3N4	SN.1.2.	What shall we call the 3rd person with whom you had sex during the **past 12 months**? _____ [7 = Refused to answer]
Skip_SX_NM3N4		If SX_TOTN4 (total number of sex partners) = 3 and SX_NM1N4 (name of partner 1) and SX_NM2N4 (name of partner 2) and SX_NM3N4 (name of partner 3) are 7 (refused to answer), skip to Intro_SEROSRT1 (Partner +, more likely unprotected sex). If SX_TOTN4 (total number of sex partners) ≥4, go to SX_NM4N4 (name of partner 4). Else Skip to SXTOVRN4 (verification of total sex partners). EXAMPLE: SX_NM1N4 (name of partner 1) is 7 (refused to answer) AND SX_NM2N4 (name of partner 2) is "John" and SX_NM3N4 (name of partner 3) is "Jane," then go to SX_NM4N4 (name of partner 4).
Label_SX_NM3N4		Name of partner 3
Range_SX_NM3N4		Character limit = 50.
Hard_edit_SX_NM3N4		If either SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), or SX_NM3N4 (name of partner 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 SX_NM3N4 (name of partner 3).
QDS_programming_SX_NM3N4		Use open-ended response. Do not allow an 8 (don't know) response option.
SX_NM4N4	SN.1.3.	What shall we call the 4th person with whom you had sex during the **past 12 months?** _____ [7=Refused to answer]
Skip_SX_NM4N4		If SX_TOTN4 (total number of sex partners) = 4 and SX_NM1N4 (name of partner 1) and SX_NM2N4 (name of partner 2) and SX_NM3N4 (name of partner 3) and SX_NM4N4 (name of partner 4) are 7 (refused to answer), skip to Intro_SEROSRT1 (Partner +, more likely unprotected sex). If SX_TOTN4 (total number of sex partners) ≥5, go to SX_NM5N4 (name of partner 5). Else, skip to SXTOVRN4 (verification of total sex partners).

		EXAMPLE: SX_NM1N4 (name of partner 1) is 7 (refused to answer) AND SX_NM2N4 (name of partner 2) is "John" and SX_NM3N4 (name of partner 3) is "Jane" and SX_NM4N4 (name of partner 4) is "JB," then go to SX_NM5N4 (name of partner 5).
Label_SX_NM4N4 Range_SX_NM4N4 QDS_programming_SX_NM4N4 Hard_edit_SX_NM4N4		Name of partner 4 Character limit = 50. Use open-ended response. Do not allow for an 8 (don't know) response option. If either SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), or SX_NM4N4 (name of partner 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 SX_NM4N4 (name of partner 4).
SX_NM5N4	SN.1.4.	What shall we call the 5th person with whom you had sex during the **past 12 months**? _____ [7=Refused to answer]
Skip_SX_NM5N4		If SX_TOTN4 (total number of sex partners) = 5 AND SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), SX_NM4N4 (name of partner 4), SX_NM5N4 (name of partner 5) are all 7 (refused to answer), skip to Intro_SEROSRT1 (Partner +, more likely unprotected sex). Else go to SXTOVRN4 (verification of total sex partners).
Label_SX_NM5N4 Range_SX_NM5N4 QDS_programming_SX_NM5N4 Hard_edit_SX_NM5N4		Name of partner 5 Character limit = 50. Use open-ended response. Do not allow an 8 (don't know) response option. If either SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), SX_NM4N4 (name of partner 4), or SX_NM5N4 (name of partner 5) 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 SX_NM5N4 (name of partner 5).
Skip_SX_NM1N4 - SX_NM2N4-SX_NM3N4-SX_NM4N4-SX_NM5N4		If SX_TOTN4 (total number of sex partners) > 5 and SX_NM1N4 (name of partner 1), SX_NM2N4 (name of partner 2), SX_NM3N4 (name of partner 3), SX_NM4N4 (name of partner 4), and SX_NM5N4 (name of partner 5) are all 8 (don't know) or 7 (refused to answer), then skip to the aggregate information section (Intro_SXAGC1N4).
SXTOVRN4	SN.1.5.	So, the total number of people you had vaginal or anal sex with during the **past 12 months** was [INSERT SX_TOTN4]? No 0 Yes 1 Refused to answer 7

	Don’t know	8
Label_SXTOVRN4	Verification of total sex partners	
Skip_SXTOVRN4	If SXTOVRN4 = 0 (no) or 8 (don’t know), return to Skip_SX_TFPN4 (number of female partners). If SXTOVRN4 = 1 (yes), go to instructions for partner demographics partner-by-partner series table. If SXTOVRN4 = 7 (refused to answer), skip to Intro_SEROSRT1 (Partner +, more likely unprotected sex).	

Partner demographics (SP)

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Instructions for partner demographics partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell.					
		QDS_programming_partner-by-partner-series-table1: When question instructions say "insert partner name," and the variable is in the Partner 1 column, then insert response from SX_NM1N4(name of partner 1).	QDS_programming_partner-by-partner-series-table2: When question instructions say "insert partner name," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2).	QDS_programming_partner-by-partner-series-table3: When question instructions say "insert partner name," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3).	QDS_programming_partner-by-partner-series-table4: When question instructions say "insert partner name," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4).	QDS_programming_partner-by-partner-series-table5: When question instructions say "insert partner name," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).
		Skip_SXPGN1N4: Skip partner gender questions if the respondent had sex with only one gender:	Skip_SXPGN2N4: If SX_TOTN4 = 2 AND respondent provided name for partner 2 (SX_NM2N4 not	Skip_SXPGN3N4: If SX_TOTN4 = 3 AND respondent provided name for partner 3 (SX_NM3N4 not	Skip_SXPGN4N4: If SX_TOTN4 = 4 AND respondent provided name for partner 4 (SX_NM4N4 not	Skip_SXPGN5N4: If SX_TOTN4 = 5 AND respondent provided name for partner 5 (SX_NM5N4 not

	Questions	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		If SXTGONN4 (transgender only partners) = 1, OR SXFMONN4 (female only partners) = 1 OR SXMLONN4 (male only partners) = 1 then skip SXPGN1N4 (partner's gender-partner 1) and go to Intro_SXPAG1N4 (partner age-partner 1). Else, go to SXPGN1N4 (partner gender-partner 1.	equal to 7 [refused to answer]), skip to skip_SXPGN2N4 (partner's gender-partner 2). If respondent refused to provide name for partner 2 (SX_NM2N4 = 7), skip to serosorting section (Intro_SEROSRT1. Skip partner gender questions if the respondent had sex with only one gender: If SXTGONN4 (transgender only partners) = 1, OR SXFMONN4 (female only partners) = 1 OR SXMLONN4 (male only partners) =	equal to 7 [refused to answer]), skip to skip_SXPGN3N4 (partner's gender-partner 3). If respondent refused to provide name for partner 3 (SX_NM3N4 = 7), skip to serosorting section (Intro_SEROSRT1. Skip partner gender questions if the respondent had sex with only one gender: If SXTGONN4 (transgender only partners) = 1, OR SXFMONN4 (female only partners) = 1 OR SXMLONN4 (male only partners) =	equal to 7), skip to skip_SXPGN4N4 (partner's gender-partner 4). If respondent refused to provide name for partner4 (SX_NM4N4 = 7), skip to serosorting section (Intro_SEROSRT1. Skip partner gender questions if the respondent had sex with only one gender: If SXTGONN4 (transgender only partners) = 1, OR SXFMONN4 (female only partners) = 1 OR SXMLONN4 (male only partners) = 1, then skip	equal to 7), skip to skip_SXPGN5N4 (partner's gender-partner 5). If respondent refused to provide name for partner 5 (SX_NM5N4 = 7), skip to serosorting section (Intro_SEROSRT1. Skip partner gender questions if the respondent had sex with only one gender: If SXTGONN4 (transgender only partners) = 1, OR SXFMONN4 (female only partners) = 1 OR SXMLONN4 (male only partners) = 1, then skip

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
			1, then skip SXPGN2N4 (partner's gender-partner 2) and go to SXPAG2N4 (partner age-partner 2). Else, go to SXPGN2N4 (partner gender-partner 2).	1, then skip SXPGN3N4 (partner's gender-partner 3) and go to SXPAG3N4 (partner age-partner 3). Else, go to SXPGN3N4 (partner gender-partner 3).	SXPGN4N4 (partner's gender-partner 4) and go to SXPAG4N4 (partner age-partner 4). Else, go to SXPGN4N4 (partner gender-partner 4.	SXPGN5N4 (partner's gender-partner 5) and go to SXPAG5N4 (partner age-partner 5). Else, go to SXPGN5N4 (partner gender-partner 5).
		SXPGN1N4	SXPGN2N4	SXPGN3N4	SXPGN4N4	SXPGN5N4
SP.1.0.	Is [INSERT PARTNER NAME] male, female, or transgender? [READ RESPONSES. SELECT ONLY ONE.]					
	Male	1	1	1	1	1
	Female	2	2	2	2	2
	Transgender	3	3	3	3	3
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		Label_SXPGN1N4	Label_SXPGN2N4	Label_SXPGN3N4	Label_SXPGN4N4	Label_SXPGN5N4
		Partner gender-partner 1	Partner gender-partner 2	Partner gender-partner 3	Partner gender-partner 4	Partner gender-partner 5
		Soft_edit_SXPGN	Soft_edit_	Soft_edit_	Soft_edit_	Soft_edit_

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		1N4	SXPGN2N4	SXPGN3N4	SXPGN4N4	SXPGN5N4
		If SX_GEN = 2 (female) and SXPGN1N4 is female, READ, "Only include partners 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. Else, go to Intro_SXPAG1N4 (partner age-	If SX_GEN = 2 (female) and SXPGN2N4 is female, READ, "Only include partners 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. Else, go to SXPAG2N4.	If SX_GEN = 2 (female) and SXPGN3N4 is female, READ, "Only include partners 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. Else, go to SXPAG3N4.	If SX_GEN = 2 (female) and SXPGN4N4 is female, READ, "Only include partners 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. Else, go to SXPAG4N4.	If SX_GEN = 2 (female) and SXPGN5N4 is female, READ, "Only include partners 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. Else, go to SXPAG5N4.

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		partner 1).				
		Skip_SXPGN1N4	Skip_SXPGN2N4	Skip_SXPGN3N4	Skip_SXPGN4N4	Skip_SXPGN5N4
		If SXPGN1N4=1, 2, 3, 7, or 8, go to SXPAG1N4 (partner age-partner 1).	If SXPGN2N4=1, 2, 3, 7, or 8, go to SXPAG2N4 (partner age-partner 2).	If SXPGN3N4=1, 2, 3, 7, or 8, go to SXPAG3N4 (partner age-partner 3).	If SXPGN4N4=1, 2, 3, 7, or 8, go to SXPAG4N4 (partner age-partner 4).	If SXPGN5N4=1, 2, 3, 7, or 8, go to SXPAG5N4 (partner age-partner 5).
		Intro_SXPAG1N4				
		"For the next question we will use Response Card E."				
SP.2.0.	Which of the following age groups best describes [INSERT PARTNER NAME]? [READ RESPONSES. SELECT ONLY ONE.]	SXPAG1N4	SXPAG2N4	SXPAG3N4	SXPAG4N4	SXPAG5N4
	≤24 years old	1	1	1	1	1
	25-29 years old	2	2	2	2	2
	30-34 years old	3	3	3	3	3
	35-39 years old	4	4	4	4	4
	40-44 years old	5	5	5	5	5
	45-49 years old	6	6	6	6	6
	≥50 years old	7	7	7	7	7
	Refused to answer	77	77	77	77	77
	Don't know	88	88	88	88	88
		Label_SXPAG1N4	Label_SXPAG2N4	Label_SXPAG3N4	Label_SXPAG4N4	Label_SXPAG5N4

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		Partner age-partner 1	partner age-partner 2	partner age-partner 3	partner age-partner 4	partner age-partner 5
		Skip_SXPAG1N4	Skip_SXPAG2N4	Skip_SXPAG3N4	Skip_SXPAG4N4	Skip_SXPAG5N4
		For all responses, go to Intro_SXPEN1N4 (partner ethnicity-partner 1).	For all responses, go to SXPEN2N4 (partner ethnicity-partner 2).	For all responses, go to SXPEN3N4 (partner ethnicity-partner 3).	For all responses, go to SXPEN4N4 (partner ethnicity-partner 4).	For all responses, go to SXPEN5N4 (partner ethnicity-partner 5).
Intro_SXPEN1N4		"The next two questions ask about partners' race and ethnicity. We're asking them to better understand the health of all groups."				
SP.3.0.	Is [INSERT PARTNER NAME] Hispanic, Latino/a, or of Spanish origin? If you're not sure, give me your best guess.	SXPEN1N4	SXPEN2N4	SXPEN3N4	SXPEN4N4	SXPEN5N4
	No	0	0	0	0	0
	Yes	1	1	1	1	1
	Refused to answer	7	7	7	7	7

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Don't know	8	8	8	8	8
		Label_SXPEN1N4	Label_SXPEN2N4	Label_SXPEN3N4	Label_SXPEN4N4	Label_SXPEN5N4
		partner ethnicity-partner 1	partner ethnicity-partner 2	partner ethnicity-partner 3	partner ethnicity-partner 4	partner ethnicity-partner 5
		Skip_SXPEN1N4	Skip_SXPEN2N4	Skip_SXPEN3N4	Skip_SXPEN4N4	Skip_SXPEN5N4
		For all responses go to SXPR1N4 (race-partner 1).	For all responses go to SXPR2N4 (race-partner 2).	For all responses go to SXPR3N4 (race-partner 3).	For all responses go to SXPR4N4 (race-partner 4).	For all responses go to SXPR5N4 (race-partner 5).
SP.4.0.	Which of the following racial group or groups best describes [INSERT PARTNER NAME]? Select all that apply. If you're not sure, give me your best guess. [READ RESPONSES. SELECT ALL THAT APPLY.]	SXPR1N4	SXPR2N4	SXPR3N4	SXPR4N4	SXPR5N4
	American Indian or Alaskan Native	1 SXPR1N4A	1 SXPR2N4A	1 SXPR3N4A	1 SXPR4N4A	1 SXPR5N4A
	Asian	2 SXPR1N4B	2 SXPR2N4B	2 SXPR3N4B	2 SXPR4N4B	2 SXPR5N4B
	Black or African American	3 SXPR1N4C	3 SXPR2N4C	3 SXPR3N4C	3 SXPR4N4C	3 SXPR5N4C
	Native Hawaiian or Other Pacific Islander	4 SXPR1N4D	4 SXPR2N4D	4 SXPR3N4D	4 SXPR4N4D	4 SXPR5N4D
	White	5 SXPR1N4E	5 SXPR2N4E	5 SXPR3N4E	5 SXPR4N4E	5 SXPR5N4E
	Refused to answer	7	7	7	7	7

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Don't know	8	8	8	8	8
		Skip_SXPR1N4	Skip_SXPR2N4	Skip_SXPR3N4	Skip_SXPR4N4	Skip_SXPR5N4
		For all responses, go to SXPCM1N4 (commitment-partner 1).	For all responses, go to SXPCM2N4 (commitment-partner 2).	For all responses, go to SXPCM3N4 (commitment-partner 3).	For all responses, go to SXPCM4N4 (commitment-partner 4).	For all responses, go to SXPCM5N4 (commitment-partner 5).
		Label_SXPR1N4	Label_SXPR2N4	Label_SXPR3N4	Label_SXPR4N4	Label_SXPR5N4
		Race-partner 1	Race-partner 2	Race-partner 3	Race-partner 4	Race-partner 5
SP.5.0.	How would you describe your level of commitment to [INSERT PARTNER NAME]? Are you… [READ RESPONSES. SELECT ONLY ONE.]	SXPCM1N4	SXPCM2N4	SXPCM3N4	SXPCM4N4	SXPCM5N4
	Not at all committed	1	1	1	1	1
	Somewhat committed	2	2	2	2	2
	Very committed	3	3	3	3	3
	Committed to above and beyond anyone else	4	4	4	4	4
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		Label_SXPCM1N4	Label_SXPCM2N4	Label_SXPCM3N4	Label_SXPCM4N4	Label_SXPCM5N4
		Commitment-partner 1	Commitment-partner 2	Commitment-partner 3	Commitment-partner 4	Commitment-partner 5
		Skip_SXPCM1N4	Skip_SXPCM2N4	Skip_SXPCM3N4	Skip_SXPCM4N4	Skip_SXPCM5N4
		For all responses, go to Skip_SX_VS1N4	For all responses, go to Skip_SX_VS2N4	For all responses, go to Skip_SX_VS3N4	For all responses, go to Skip_SX_VS4N4	For all responses, go to Skip_SX_VS5N4

	Questions	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		(vaginal sex-partner 1).	(vaginal sex-partner 2).	(vaginal sex-partner 3).	(vaginal sex-partner 4).	(vaginal sex-partner 5).

Vaginal sex (SV)

	Questions	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Instructions for vaginal sex partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell.					
		QDS_programming_partnerdemo1	QDS_programming_partnerdemo2	QDS_programming_partnerdemo3	QDS_programming_partnerdemo4	QDS_programming_partnerdemo5
		When question instructions say "insert partner name," and the variable is in the Partner 1 column, then insert response from SX_NM1N4(name of partner 1).	When question instructions say "insert partner name," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2).	When question instructions say "insert partner name," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3).	When question instructions say "insert partner name," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4).	When question instructions say "insert partner name," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).
	Skip_SX_VS1N4-SX_VS2N4-SX_VS3N4-SX_VS4N4-SX_VS5N4 <u>Transgender/unknown gender respondent</u>: If the SX_GEN=3 (transgender) or 4 (indeterminate), then skip to SX_TG1N4 (transgender-partner 1). <u>Transgender/unknown gender partner</u>: If the SXTGONN4 = 1 (transgender only partner) OR (SXPGN1N4 (partner gender-partner 1), SXPGN2N4 (partner gender- partner 2), SXPGN3N4 (partner gender- partner 3), SXPGN4N4 (partner gender- partner 4), SXPGN5N4 (partner gender- partner 5) = 3, 7 (refused to answer), or 8 (don't know)], then skip to transgender and unknown gender partner-by-partner series table (SX_TG1N4 [transgender partner 1], SX_TG2N4 [transgender partner 2], SX_TG3N4 [transgender partner 3], SX_TG4N4 [transgender partner 4], or SX_TG5N4 [transgender partner 5]).					

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Male-male partners: If SX_GEN=1 (male), and SXMLONN4 = 1 (male only partners), then skip to anal sex partner-by-partner series table (SXANL1N4 [anal sex-partner1], SXANL2N4 [anal sex-partner 2], SXANL3N4 [anal sex-partner 3], SXANL4N4 [anal sex-partner 4], or SXANL5N4 [anal sex-partner 5]). Female respondent female partner: If SX_GEN=2 (female) and SX_TOTN4 = 1, skip to serosorting section (Intro_SEROSRT1). If 2 ≤ SX_TOTN4 ≤ 5, then skip to Skip_SXPGN2N4 (partner gender- partner 2), SXPGN3N4 (partner gender- partner 3), SXPGN4N4 (partner gender- partner 4), or SXPGN5N4 (partner gender- partner 5). If SX_TOTN4 ≥ 6, then skip to Intro_SEROSRT1 (Partner +, more likely unprotected sex). Else: go to vaginal sex partner-by-partner series table (SX_VS1N4 [vaginal sex-partner 1], SX_VS2N4 [vaginal sex-partner 2], SX_VS3N4 [vaginal sex-partner 3], SX_VS4N4 [vaginal sex-partner 4], or SX_VS5N4 [vaginal sex-partner 5]).					
SV.1.0.	During the **past 12 months**, did you have vaginal sex with [INSERT PARTNER NAME]?	SX_VS1N4	SX_VS2N4	SX_VS3N4	SX_VS4N4	SX_VS5N4
	No	0	0	0	0	0
		Skip to SXANL1N4 (anal sex-partner 1)	Skip to SXANL2N4 (anal sex-partner 2)	Skip to SXANL3N4 (anal sex-partner 3)	Skip to SXANL4N4 (anal sex-partner 4)	Skip to SXANL5N4 (anal sex-partner 5)
	Yes	1	1	1	1	1
		Go to SV10_1N4 (vaginal10-partner 1)	Go to SV10_2N4 (vaginal10-partner 2)	Go to SV10_3N4 (vaginal10-partner 3)	Go to SV10_4N4 (vaginal10-partner 4)	Go to SV10_5N4 (vaginal10-partner 5)
	Refused to answer	7	7	7	7	7
		Skip to SXANL1N4 (anal sex-partner 1)	Skip to SXANL2N4 (anal sex-partner 2)	Skip to SXANL3N4 (anal sex-partner 3)	Skip to SXANL4N4 (anal sex-partner 4)	Skip to SXANL5N4 (anal sex-partner 5)

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Don't know	8	8	8	8	8
		Skip to SXANL1N4 (anal sex-partner 1)	Skip to SXANL2N4 (anal sex-partner 2)	Skip to SXANL3N4 (anal sex-partner 3)	Skip to SXANL4N4 (anal sex-partner 4)	Skip to SXANL5N4 (anal sex-partner 5)
		Label_SX_VS1N4	Label_SX_VS2N4	Label_SX_VS3N4	Label_SX_VS4N4	Label_SX_VS5N4
		Vaginal sex-partner 1	Vaginal sex-partner 2	Vaginal sex-partner 3	Vaginal sex-partner 4	Vaginal sex-partner 5
SV.1.1.	During the **past 12 months**, did you have vaginal sex with [INSERT PARTNER NAME] more than 10 times? [READ RESPONSES. SELECT ONLY ONE.]	SV10_1N4	SV10_2N4	SV10_3N4	SV10_4N4	SV10__5N4
	No	0	0	0	0	0
		Go to SXVEN1N4 (times vaginal sex-partner 1).	Go to SXVEN2N4 (times vaginal sex-partner 2).	Go to SXVEN3N4 (times vaginal sex-partner 3).	Go to SXVEN4N4 (times vaginal sex-partner 4).	Go to SXVEN5N4 (times vaginal sex-partner 5).
	Yes	1	1	1	1	1
		Skip to SXANV1N4 (average number vaginal-partner 1).	Skip to SXANV2N4 (average number vaginal-partner 2).	Skip to SXANV3N4 (average number vaginal-partner 3).	Skip to SXANV4N4 (average number vaginal-partner 4).	Skip to SXANV5N4 (average number vaginal-partner 5).
	Refused to answer	7	7	7	7	7
		Skip to SXANL1N4 (anal sex-partner 1)	Skip to SXANL2N4 (anal sex-partner 2)	Skip to SXANL3N4 (anal sex-partner 3)	Skip to SXANL4N4 (anal sex-partner 4)	Skip to SXANL5N4 (anal sex-partner 5)

	Questions	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Don't know	8	8	8	8	8
		Skip to SXANL1N4 (anal sex-partner 1)	Skip to SXANL2N4 (anal sex-partner 2).	Skip to SXANL3N4 (anal sex-partner 3).	Skip to SXANL4N4 (anal sex-partner 4).	Skip to SXANL5N4 (anal sex-partner 5).
		Label_SV10_1N4	Label_SV10_2N4	Label_SV10_3N4	Label_SV10_4N4	Label_SV10_5N4
		Vaginal 10-partner 1	Vaginal 10-partner 2	Vaginal 10-partner 3	Vaginal 10-partner 4	Vaginal 10-partner 5
SV.1.2.	During the **past 12 months**, please tell me the exact number of times that you had <u>vaginal</u> sex with [INSERT PARTNER NAME]?	SXVEN1N4	SXVEN2N4	SXVEN3N4	SXVEN4N4	SXVEN5N4
		__ __	__ __	__ __	__ __	__ __
		Skip to Intro_SXVC1AN4 (condom vaginal-partner 1a)	Skip to instructions before SXVC2AN4 (condom vaginal-partner 2a)	Skip to instructions before SXVC3AN4 (condom vaginal-partner 3a)	Skip to instructions before SXVC4AN4 (condom vaginal-partner 4a)	Skip to instructions before SXVC5AN4 (condom vaginal-partner 5a)
	Refused to answer	77	77	77	77	77
		Skip to SXANL1N4 (anal sex-partner 1)	Skip to SXANL2N4 (anal sex-partner 2)	Skip to SXANL3N4 (anal sex-partner 3)	Skip to SXANL4N4 (anal sex-partner 4)	Skip to SXANL5N4 (anal sex-partner 5)
	Don't know	88	88	88	88	88
		Skip to SXANL1N4 (anal sex-partner 1)	Skip to SXANL2N4 (anal sex-partner 2)	Skip to SXANL3N4 (anal sex-partner 3)	Skip to SXANL4N4 (anal sex-partner 4)	Skip to SXANL5N4 (anal sex-partner 5)
		Label_SXVEN1N4	Label_SXVEN2N4	Label_SXVEN3N4	Label_SXVEN4N4	Label_SXVEN5N4

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		Times vaginal sex-partner 1	Times vaginal sex-partner 2	Times vaginal sex-partner 3	Times vaginal sex-partner 4	Times vaginal sex-partner 5
		Range_SXVEN1N4	Range_SXVEN2N4	Range_SXVEN3N4	Range_SXVEN4N4	Range_SXVEN5N4
		1–10	1–10	1–10	1–10	1–10
		Hard_edit_SXVEN1N4	Hard_edit_SXVEN2N4	Hard_edit_SXVEN3N4	Hard_edit_SXVEN4N4	Hard_edit_SXVEN5N4
		If SXVEN1N4 is out of range, READ, “Number too big (if >10) or too small (if = 0)” Confirm response and if necessary return to previous question.”	If SXVEN2N4 is out of range, READ, “Number too big (if >10) or too small (if = 0)” Confirm response and if necessary return to previous question.”	If SXVEN3N4 is out of range, READ, “Number too big (if >10) or too small (if = 0)” Confirm response and if necessary return to previous question.”	If SXVEN4N4 is out of range, READ, “Number too big (if >10) or too small (if = 0)” Confirm response and if necessary return to previous question.”	If SXVEN5N4 is out of range, READ, “Number too big (if >10) or too small (if = 0)” Confirm response and if necessary return to previous question.”
SV.1.3.	On average, how many times did you have <u>vaginal</u> sex with [INSERT PARTNER NAME] **per month**?	SXANV1N4	SXANV2N4	SXANV3N4	SXANV4N4	SXANV5N4
		___ ___	___ ___	___ ___	___ ___	___ ___
		Go to SXMVG1N4 (months vaginal sex-partner 1).	Go to SXMVG2N4 (months vaginal sex-partner 2).	Go to SXMVG3N4 (months vaginal sex-partner 3).	Go to SXMVG4N4 (months vaginal sex-partner 4).	Go to SXMVG5N4 (months vaginal sex-partner 5).
	Refused to answer	777	777	777	777	777
		Go to SXMVG1N4	Go to SXMVG2N4	Go to SXMVG3N4	Go to SXMVG4N4	Go to SXMVG5N4

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		(months vaginal sex-partner 1)	(months vaginal sex-partner 2)	(months vaginal sex-partner 3)	(months vaginal sex-partner 4)	(months vaginal sex-partner 5)
	Don't know	888	888	888	888	888
		Go to SXMVG1N4 (months vaginal sex-partner 1).	Go to SXMVG2N4 (months vaginal sex-partner 2).	Go to SXMVG3N4 (months vaginal sex-partner 3).	Go to SXMVG4N4 (months vaginal sex-partner 4).	Go to SXMVG5N4 (months vaginal sex-partner 5).
		Label_SXANV1N4	Label_SXANV2N4	Label_SXANV3N4	Label_SXANV4N4	Label_SXANV5N4
		Average number vaginal-partner 1	Average number vaginal-partner 2	Average number vaginal-partner 3	Average number vaginal-partner 4	Average number vaginal-partner 5
		Range_SXANV1N4	Range_SXANV2N4	Range_SXANV3N4	Range_SXANV4N4	Range_SXANV5N4
		1–90	1–90	1–90	1–90	1–90
SV.1.4.	During the **past 12 months**, how many months did you have <u>vaginal</u> sex with [INSERT PARTNER NAME]?	SXMVG1N4	SXMVG2N4	SXMVG3N4	SXMVG4N4	SXMVG5N4
		___ ___	___ ___	___ ___	___ ___	___ ___
	Refused to answer	777	777	777	777	777
	Don't know	888	888	888	888	888
		For all responses, go to Intro_SXVC1AN4 (condom vaginal-partner 1a)	For all responses, skip to instructions before SXVC2AN4 (condom vaginal-partner 2a)	For all responses, skip to instructions before SXVC3AN4 (condom vaginal-partner 3a)	For all responses, skip to instructions before SXVC4AN4 (condom vaginal-partner 3a)	For all responses, skip to instructions before SXVC5AN4 (condom vaginal-partner 3a)
		Label_SXMVG1N4	Label_SXMVG2N4	Label_SXMVG3N4	Label_SXMVG4N4	Label_SXMVG5N4

	Questions	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		Months vaginal sex-partner 1	Months vaginal sex-partner 2	Months vaginal sex-partner 3	Months vaginal sex-partner 4	Months vaginal sex-partner 5
		Range_SXMVG1N4	Range_SXMVG2N4	Range_SXMVG3N4	Range_SXMVG4N4	Range_SXMVG5N4
		1–12	1–12	1–12	1–12	1–12
		Hard_edit_SV10_1N4	Hard_edit_SV10_2N4	Hard_edit_SV10_3N4	Hard_edit_SV10_4N4	Hard_edit_SV10_5N4
		[IF SV10_1N4 (vaginal 10-partner 1) = 1 and the product of SXANV1N4*SXMVG1N4 (average number vaginal-partner 1*months vaginal sex-partner 1) is ≤10], then READ, "You told me you had vaginal sex with [INSERT SX_NM1N4 (name of partner 1)] more than 10 times." Interviewer instructions: Please re-ask	[IF SV10_2N4 (vaginal 10-partner 2) = 1 and the product of SXANV2N4*SXMVG2N4 (average number vaginal-partner 2*months vaginal sex-partner 2) is ≤10], then READ, "You told me you had vaginal sex with [INSERT SX_NM2N4 (name of partner 2)] more than 10 times." Interviewer instructions: Please re-ask	[IF SV10_3N4 (vaginal 10-partner 3) = 1 and the product of SXANV3N4*SXMVG3N4 (average number vaginal-partner 3*months vaginal sex-partner 3) is ≤10], then READ, "You told me you had vaginal sex with [INSERT SX_NM3N4 (name of partner 3)] more than 10 times." Interviewer instructions: Please re-ask	[IF SV10_4N4 (vaginal 10-partner 4) = 1 and the product of SXANV4N4*SXMVG4N4 (average number vaginal-partner 4*months vaginal sex-partner 4) is ≤10], then READ, "You told me you had vaginal sex with [INSERT SX_NM4N4 (name of partner 4)] more than 10 times." Interviewer instructions: Please re-ask	[IF SV10_5N4 (vaginal 10-partner 5) = 1 and the product of SXANV5N4*SXMVG5N4 (average number vaginal-partner 5*months vaginal sex-partner 5) is ≤10], then READ, "You told me you had vaginal sex with [INSERT SX_NM5N4 (name of partner 5)] more than 10 times." Interviewer instructions: Please re-ask

	Questions	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		question SV10_1N4 (vaginal sex more than 10 times-partner 1). The program should go back to SV10_1N4 (vaginal 10-partner 1).	question SV10_2N4 (vaginal sex more than 10 times-partner 2). The program should go back to SV10_2N4 (vaginal 10-partner 2).	question SV10_3N4 (vaginal sex more than 10 times-partner 3). The program should go back to SV10_3N4 (vaginal 10-partner 3).	question SV10_4N4 (vaginal sex more than 10 times-partner 4). The program should go back to SV10_4N4 (vaginal 10-partner 1).	question SV10_5N4 (vaginal sex more than 10 times-partner 5). The program should go back to SV10_5N4 (vaginal 10-partner 5).
		Intro_SXVC1AN4				
		"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."				
		Skip_SXVC1AN4	Skip_SXVC2AN4	Skip _SXVC3AN4	Skip _SXVC4AN4	Skip_SXVC5AN4
		If SXVEN1N4 (times vaginal sex-partner 1) = 1, then go to SXVC1AN4 (condom vaginal-partner 1a); else	If SXVEN2N4 (times vaginal sex-partner 2) = 1, then go to SXVC2AN4 (condom vaginal-partner 2a); else	If SXVEN3N4 (times vaginal sex-partner 3) =1, then go to SXVC3AN4 (condom vaginal-partner 3a); else	If SXVEN4N4 (times vaginal sex-partner 4) = 1, then go to SXVC4AN4 (condom vaginal-partner 4a); else	If SXVEN5N4 (times vaginal sex-partner 5) = 1, then go to SXVC5AN4 (condom vaginal-partner 5a); else

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		Skip to SXVC1BN4 (condom vaginal-partner 1b).	Skip to SXVC2BN4 (condom vaginal-partner 2b).	Skip to SXVC3BN4 (condom vaginal-partner 3b).	Skip to SXVC4BN4 (condom vaginal-partner 4b).	Skip to SXVC5BN4 (condom vaginal-partner 5b).
SV.1.5.a.	During the **past 12 months**, when you had vaginal sex with [INSERT PARTNER NAME] was a condom used?	SXVC1AN4	SXVC2AN4	SXVC3AN4	SXVC4AN4	SXVC5AN4
	No	0	0	0	0	0
	Yes	1	1	1	1	1
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		Skip2_SXVC1AN4	Skip2_SXVC2AN4	Skip2_SXVC3AN4	Skip2_SXVC4AN4	Skip2_SXVC5AN4
		For all responses, skip to SXANL1N4 (anal sex-partner 1).	For all responses, skip to SXANL2N4 (anal sex-partner 2).	For all responses, skip to SXANL3N4 (anal sex-partner 3).	For all responses, skip to SXANL4N4 (anal sex-partner 4).	For all responses, skip to SXANL5N4 (anal sex-partner 5).
		Label_SXVC1AN4	Label_SXVC2AN4	Label_SXVC3AN4	Label_SXVC4AN4	Label_SXVC5AN4
		Condom vaginal-partner 1a	Condom vaginal-partner 2a	Condom vaginal-partner 3a	Condom vaginal-partner 4a	Condom vaginal-partner 5a
SV.1.5.b.	During the **past 12 months**, when you had vaginal sex with [INSERT PARTNER NAME] was a condom used... [READ RESPONSES. SELECT ONLY ONE.]	SXVC1BN4	SXVC2BN4	SXVC3BN4	SXVC4BN4	SXVC5BN4
	Never- not even once	1	1	1	1	1
	One or more times	2	2	2	2	2

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Absolutely every time	3	3	3	3	3
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		Label_SXVC1BN4	Label_SXVC2BN4	Label_SXVC3BN4	Label_SXVC4BN4	Label_SXVC5BN4
		Condom vaginal-partner 1b	Condom vaginal-partner 2b	Condom vaginal-partner 3b	Condom vaginal-partner 4b	Condom vaginal-partner 5b
		Skip_SXVC1BN4	Skip_SXVC2BN4	Skip_SXVC3BN4	Skip_SXVC4BN4	Skip_SXVC5BN4
		For all responses, go to SXANL1N4 (anal sex-partner 1)	For all responses, go to SXANL2N4 (anal sex-partner 2)	For all responses, go to SXANL3N4 (anal sex-partner 3)	For all responses, go to SXANL4N4 (anal sex-partner 4)	For all responses, go to SXANL5N4 (anal sex-partner 5)

Anal sex (SL)

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Instructions for anal sex partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell.					
SL.1.0.	During the **past 12 months**, did you have anal sex with [INSERT PARTNER NAME?	SXANL1N4	SXANL2N4	SXANL3N4	SXANL4N4	SXANL5N4
	No	0	0	0	0	0
		Skip to STATS1N4 (aware status-partner 1).	Skip to STATS2N4 (aware status-partner 2).	Skip to STATS3N4 (aware status-partner 3).	Skip to STATS4N4 (aware status-partner 4).	Skip to STATS5N4 (aware status-partner 5).
	Yes	1	1	1	1	1
		Go to SA10_1N4 (anal 10-partner 1)	Go to SA10_2N4 (anal 10-partner 2)	Go to SA10_3N4 (anal 10-partner 3)	Go to SA10_4N4 (anal 10-partner 4)	Go to SA10_5N4 (anal 10-partner 5)
	Refused to answer	7	7	7	7	7
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
	Don't know	8	8	8	8	8

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
		Label_SXANL1N4	Label_SXANL2N4	Label_SXANL3N4	Label_SXANL4N4	Label_SXANL5N4
		Anal sex-partner 1	Anal sex-partner 2	Anal sex-partner 3	Anal sex-partner 4	Anal sex-partner 5
	QDS_programming_SXANL1N4 (anal sex-partner 1), SXANL2N4 (anal sex-partner 2), SXANL3N4 (anal sex-partner 3), SXANL4N4 (anal sex-partner 4), SXANL5N4 (anal sex-partner 5) continued: <u>No anal sex partners reported among male respondents who previously said they had only male partners:</u> If SX_GEN (sex gender) = 1 (male) and (If SXPGN1N4 (partner gender-partner 1) = 1 OR SXMLONN4 (male only partners) = 1) and SXANL1N4 (anal sex-partner 1) is 0 (no), then READ, “Earlier you told me that you had vaginal or anal sex with [INSERT partner name SX_NM1N4]. Is this correct?” Interviewer instructions: return to previous questions to correct error. Allow program to move forward. If SX_GEN (sex gender) = 1 (male) and (If SXPGN2N4 (partner gender-partner 2)= 1 OR SXMLONN4 (male only partners) = 1) and SXANL2N4 (anal sex-partner 2) is 0 (no), then READ, “Earlier you told me that you had vaginal or anal sex with [INSERT partner name SX_NM2N4]. Is this correct?” Interviewer instructions: return to previous questions to correct error. Allow program to move forward. If SX_GEN (sex gender) = 1 (male) and (If SXPGN3N4 (partner gender-partner 3)= 1 OR SXMLONN4 (male only partners) = 1) and SXANL3N4 (anal sex-partner 3) is 0 (no), then READ, “Earlier you told me that you had vaginal or anal sex with [INSERT partner name SX_NM3N4]. Is this correct?” Interviewer instructions: return to previous questions to correct error. Allow program to move forward. If SX_GEN (sex gender) = 1 (male) and (If SXPGN4N4 (partner gender-partner 4) = 1 OR SXMLONN4 (male only partners) = 1) and SXANL4N4 (anal sex-partner 4) is 0 (no), then READ, “Earlier you told me that you had vaginal or anal sex with [INSERT partner name SX_NM4N4]. Is this correct?” Interviewer instructions: return to previous questions to correct error. Allow program to move forward.					

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	If SX_GEN (sex gender) = 1 (male) and (If SXPGN5N4 (partner gender-partner 5)= 1 OR SXMLONN4 (male only partners) = 1) and SXANL5N4 (anal sex-partner 1) is 0 (no), then READ, "Earlier you told me that you had vaginal or anal sex with [INSERT partner name SX_NM5N4]. Is this correct?" Interviewer instructions: return to previous questions to correct error. Allow program to move forward.					
SL.1.1.	During the **past 12 months**, did you have anal sex with [INSERT PARTNER NAME] more than 10 times? [READ RESPONSES. SELECT ONLY ONE.]	SA10_1N4	SA10_2N4	SA10_3N4	SA10_4N4	SA10_5N4
	No	0	0	0	0	0
		Go to SXAEN1N4 (times anal sex-partner 1)	Go to SXAEN2N4 (times anal sex-partner 2)	Go to SXAEN3N4 (times anal sex-partner 3)	Go to SXAEN4N4 (times anal sex-partner 4)	Go to SXAEN5N4 (times anal sex-partner 5)
	Yes	1	1	1	1	1
		Skip to SXANA1N4 (average number anal-partner 1)	Skip to SXANA2N4 (average number anal-partner 2)	Skip to SXANA3N4 (average number anal-partner 3)	Skip to SXANA4N4 (average number anal-partner 4)	Skip to SXANA5N4 (average number anal-partner 5)
	Refused to answer	7	7	7	7	7
		Skip to STATS1N4 (aware status-	Skip to STATS2N4 (aware status-	Skip to STATS3N4 (aware status-	Skip to STATS4N4 (aware status-	Skip to STATS5N4 (aware status-

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		partner 1)	partner 2)	partner 3)	partner 4)	partner 5)
	Don't know	8	8	8	8	8
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
		Label_SA10_1N4	Label_SA10_2N4	Label_SA10_3N4	Label_SA10_4N4	Label_SA10_5N4
		Anal 10-partner 1	Anal 10-partner 2	Anal 10-partner 3	Anal 10-partner 4	Anal 10-partner 5
SL.1.2.	During the **past 12 months**, please tell me the exact number of times that you had anal sex with [INSERT PARTNER NAME]?	SXAEN1N4	SXAEN2N4	SXAEN3N4	SXAEN4N4	SXAEN5N4
		__ __	__ __	__ __	__ __	__ __
		For all responses, skip to Interviewer Instructions before SXAC1AN4	For all responses, skip to Interviewer Instructions before SXAC1AN4	For all responses, skip to Interviewer Instructions before SXAC1AN4	For all responses, skip to Interviewer Instructions before SXAC1AN4	For all responses, skip to Interviewer Instructions before SXAC1AN4
	Refused to answer	77	77	77	77	77
		Skip to STATS1N4 (aware status-partner 1).	Skip to STATS2N4 (aware status-partner 2).	Skip to STATS3N4 (aware status-partner 3).	Skip to STATS4N4 (aware status-partner 4).	Skip to STATS5N4 (aware status-partner 5).

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Don't know	88	88	88	88	88
		Skip to STATS1N4 (aware status-partner 1).	Skip to STATS2N4 (aware status-partner 2).	Skip to STATS3N4 (aware status-partner 3).	Skip to STATS4N4 (aware status-partner 4).	Skip to STATS5N4 (aware status-partner 5).
		Label_SXAEN1N4	Label_SXAEN2N4	Label_SXAEN3N4	Label_SXAEN4N4	Label_SXAEN5N4
		Times anal sex-partner 1	Times anal sex-partner 2	Times anal sex-partner 3	Times anal sex-partner 4	Times anal sex-partner 5
		Range_SXAEN1N4	Range_SXAEN2N4	Range_SXAEN3N4	Range_SXAEN4N4	Range_SXAEN5N4
		1–10	1–10	1–10	1–10	1–10
SL.1.3.	On average, how many times did you have anal sex with [INSERT PARTNER NAME] per month?	SXANA1N4	SXANA2N4	SXANA3N4	SXANA4N4	SXANA5N4
		___ ___	___ ___	___ ___	___ ___	___ ___
	Refused to answer	777	777	777	777	777
	Don't know	888	888	888	888	888
		For all responses, go to SXMAN1N4 (months anal sex-partner 1)	For all responses, go to SXMAN2N4 (months anal sex-partner 2)	For all responses, go to SXMAN3N4 (months anal sex-partner 3)	For all responses, go to SXMAN4N4 (months anal sex-partner 4)	For all responses, go to SXMAN5N4 (months anal sex-partner 5)
		Label_SXANA1N4	Label_SXANA2N4	Label_SXANA3N4	Label_SXANA4N4	Label_SXANA5N4
		Average number anal-partner 1	Average number anal-partner 2	Average number anal-partner 3	Average number anal-partner 4	Average number anal-partner 5

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		Range_SXANA1N4	Range_SXANA2N4	Range_SXANA3N4	Range_SXANA4N4	Range_SXANA5N4
		1–90	1–90	1–90	1–90	1–90
SL.1.4.	During the **past 12 months**, how many months did you have anal sex with [INSERT PARTNER NAME]?	SXMAN1N4	SXMAN2N4	SXMAN3N4	SXMAN4N4	SXMAN5N4
		___ ___	___ ___	___ ___	___ ___	___ ___
	Refused to answer	77	77	77	77	77
	Don't know	88	88	88	88	88
		For all responses, go to Interviewer Instructions before SXAC1AN4.	For all responses, go to Interviewer Instructions before SXAC1AN4.	For all responses, go to Interviewer Instructions before SXAC1AN4.	For all responses, go to Interviewer Instructions before SXAC1AN4.	For all responses, go to Interviewer Instructions before SXAC1AN4.
		Label_SXMAN1N4	Label_SXMAN2N4	Label_SXMAN3N4	Label_SXMAN4N4	Label_SXMAN5N4
		Months anal sex-partner 1	Months anal sex partner 2	Months anal sex-partner 3	Months anal sex-partner 4	Months anal sex-partner 5
		Range_SXMAN1N4	Range_SXMAN2N4	Range_SXMAN3N4	Range_SXMAN4N4	Range_SXMAN5N4
		1–12	1–12	1–12	1–12	1–12
		Hard_edit_SA10_1N4	Hard_edit_SA10_2N4	Hard_edit_SA10_3N4	Hard_edit_SA10_4N4	Hard_edit_SA10_5N4
		[IF SA10_1N4 (anal 10-partner 1) = 1 (yes) and the product of	[IF SA10_2N4 (anal 10-partner 2) = 1 (yes) and the product of	[IF SA10_3N4 (anal 10-partner 3) = 1 (yes) and the product of	[IF SA10_4N4 (anal 10-partner 4) = 1 (yes) and the product of	[IF SA10_5N4 (anal 10-partner 5) = 1 (yes) and the product of

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		SXANA1N4*SXMAN1N4 (average number anal-partner 1*months anal sex-partner 1) is ≤ 10], then READ, "You told me you had anal sex with [INSERT SX_NM1N4 (name of partner 1)] more than 10 times." Interviewer instructions: Please re-ask question SA10_1N4 (anal sex more than 10 times-partner 1). The program should go back to SA10_1N4 (anal 10-partner 1).	SXANA2N4*SXMAN2N4 (average number anal-partner 2*months anal sex-partner 2) is ≤ 10], then READ, "You told me you had anal sex with [INSERT SX_NM2N4 (name of partner 2)] more than 10 times." Interviewer instructions: Please re-ask question SA10_2N4 (anal sex more than 10 times-partner 2). The program should go back to SA10_1N4 (anal 10-partner 2).	SXANA3N4*SXMAN3N4 (average number anal-partner 3*months anal sex-partner 3) is ≤ 10], then READ, "You told me you had anal sex with [INSERT SX_NM3N4 (name of partner 3)] more than 10 times." Interviewer instructions: Please re-ask question SA10_3N4 (anal sex more than 10 times-partner 3). The program should go back to SA10_3N4 (anal 10-partner 3).	SXANA4N4*SXMAN4N4 (average number anal-partner 4*months anal sex-partner 4) is ≤ 10], then READ, "You told me you had anal sex with [INSERT SX_NM4N4 (name of partner 4)] more than 10 times." Interviewer instructions: Please re-ask question SA10_4N4 (anal sex more than 10 times-partner 4). The program should go back to SA10_4N4 (anal 10-partner 4).	SXANA5N4*SXMAN5N4 (average number anal-partner 5*months anal sex-partner 5) is ≤ 10], then READ, "You told me you had anal sex with [INSERT SX_NM5N4 (name of partner 5)] more than 10 times." Interviewer instructions: Please re-ask question SA10_5N4 (anal sex more than 10 times-partner 5). The program should go back to SA10_5N4 (anal 10-partner 5).
	Interviewer instructions before SXAC1AN4 (condom anal-partner 1a), SXAC2AN4 (condom anal-partner 2a), SXAC3AN4 (condom anal-partner 3a), SXAC4AN4 (condom anal-partner 4a), SXAC5AN4 (condom anal-partner 5a): Female-male partner #1-anal sex once: If the respondent is female (SX_GEN=2) AND partner 1 is male (SXPGN1N4 [partner's gender-partner 1] = 1 [male] or SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partner 1 only one time (SXAEN1N4 [times anal sex-partner 1] = 1), then go to Intro_SXAC1AN4 (condom anal-partner 1a).					

	Question	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Female-male partner #1-anal sex more than once: If the respondent is female (SX_GEN=2) AND partner 1 is male (SXPGN1N4 [partner's gender-partner 1] = 1 [male] or SXMLONN4 [male only partners]=1) AND the respondent had anal sex with partner 1 more than once (SXAEN1N4 [times anal sex-partner 1] ≥ 2) OR SA10_1N4 (anal 10-partner 1) = "yes," then go to Intro_SXAC1BN4 (condom anal-partner 1b). Female-male partners #2, 3, 4, 5-anal sex once: If the respondent is female (SEX_GEN=2) AND partners 2, 3, 4, or 5 are male (SXPGN2N4 [partner's gender-partner 2] = 1 [male], SXPGN3N4 [partner's gender-partner 3] = 1 [male], SXPGN4N4 [partner's gender-partner 4] = 1 [male], SXPGN5N4 [partner's gender-partner 5] = 1 [male] OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partners 2, 3, 4, or 5 only one time (SXAEN2N4 [times anal sex-partner 2] = 1, SXAEN3N4 [times anal sex-partner 3] = 1, SXAEN4N4 [times anal sex-partner 4] = 1, SXAEN5N4 [times anal sex-partner 5] = 1), then go to SXAC2AN4 (condom anal-partner 2a), SXAC3AN4 (condom anal-partner 3a), SXAC4AN4 (condom anal-partner 4a), or SXAC5AN4 (condom anal-partner 5a). Female-male partners #2, 3, 4, 5-anal sex more than once: If the respondent is female (SX_GEN=2) AND partners 2, 3, 4, or 5 are male (SXPGN2N4 [partner's gender-partner 2] = 1 [male], SXPGN3N4 [partner's gender-partner 3] = 1 [male], SXPGN4N4 [partner's gender-partner 4] = 1 [male], SXPGN5N4 [partner's gender-partner 5] = 1 [male]) OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partners 2, 3, 4, or 5 more than once (SXAEN2N4 [times anal sex-partner 2] ≥ 2, SXAEN3N4 [times anal sex-partner 3] ≥ 2, SXAEN4N4 [times anal sex-partner 4] ≥ 2, SXAEN5N4 [times anal sex-partner 5] ≥ 2 OR SA10_2N4 (anal 10-partner 2) = "yes,", SA10_3N4 (anal 10-partner 3) = "yes,", SA10_4N4 (anal 10-partner 4) = "yes,", SA10_5N4 (anal 10-partner 5) = "yes,", then go to SXAC2BN4 (condom anal-partner 2b), SXAC3BN4 (condom anal-partner 3b), SXAC4BN4 (condom anal-partner 4b), SXAC5BN4 (condom anal-partner 5b). Male-female partner #1-anal sex once: If the respondent is male (SX_GEN=1) and partner 1 is female (SXPGN1N4 [partner's gender-partner 1] = 2 [female] OR SXFMONN4 [female only partners] =1), AND the respondent had anal sex with partner 1 only one time (SXAEN1N4 [times anal sex-partner 1] = 1), then go to Intro_SXAC1AN4 (condom anal-partner 1a). Male-female partner #1-anal sex more than once: If the respondent is male (SX_GEN=1) AND partner 1 is female (SXPGN1N4 [partner's gender-partner 1] = 2 [female] OR SXFMONN4 [female only partners] =1), AND the respondent had anal sex with partner 1 more than once (SXAEN1N4 [times anal sex-partner 1] ≥ 2) OR SA10_1N4 (anal 10-partner 1) = "yes," then go to					

	Question	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Intro_SXAC1BN4 (condom anal-partner 1b). Male-female partners # 2, 3, 4, 5-anal sex once: If the respondent is male (SEX_GEN=1) AND partners 2, 3, 4, or 5 are female (SXPGN2N4 [partner's gender-partner 2] = 2 [female], SXPGN3N4 [partner's gender-partner 3] = 2 [female], SXPGN4N4 [partner's gender-partner 4] = 2 [female], SXPGN5N4 [partner's gender-partner 5] = 2 [female] OR SXFMONN4 [female only partners] = 1) AND the respondent had anal sex with partners 2, 3, 4, or 5 only one time (SXAEN2N4 [times anal sex-partner 2] = 1, SXAEN3N4 [times anal sex-partner 3] = 1, SXAEN4N4 [times anal sex-partner 4] = 1, SXAEN5N4 [times anal sex-partner 5] = 1, then go to SXAC2AN4 (condom anal-partner 2a), SXAC3AN4 (condom anal-partner 3a), SXAC4AN4 (condom anal-partner 4a), SXAC5AN4 (condom anal-partner 5a). Male-female partners # 2, 3, 4, 5-anal sex more than once: If the respondent is male (SX_GEN=1) AND partners 2, 3, 4, or 5 are female (SXPGN2N4 [partner's gender-partner 2] = 2 [female], SXPGN3N4 [partner's gender-partner 3] = 2 [female], SXPGN4N4 [partner's gender-partner 4] = 2 [female], SXPGN5N4 [partner's gender-partner 5] = 2 [female]) OR SXFMONN4 [female only partners] = 1) AND the respondent had anal sex with partners 2, 3, 4, or 5 more than once (SXAEN2N4 [times anal sex-partner 2] ≥ 2, SXAEN3N4 [times anal sex-partner 3] ≥ 2, SXAEN4N4 [times anal sex-partner 4] ≥ 2, SXAEN5N4 [times anal sex-partner 5] ≥ 2 OR SA10_2N4 (anal 10-partner 2) = "yes," , SA10_3N4 (anal 10-partner 3) = "yes," , SA10_4N4 (anal 10-partner 4) = "yes," , SA10_5N4 (anal 10-partner 5) = "yes," , then go to SXAC2BN4 (condom anal-partner 2b), SXAC3BN4 (condom anal-partner 3b), SXAC4BN4 (condom anal-partner 4b), SXAC5BN4 (condom anal-partner 5b). Male-male partner(s): If the respondent is male (SX_GEN=1) and partner is male (SXPGN1N4 [partner's gender-partner 1] = 1, SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), then skip to interviewer instructions for ABTM1AN4 (receptive anal-partner 1a). If SA10_1N4 (anal 10-partner 1) = Refused to answer or don't know, SA10_2N4 (anal 10-partner 2) = Refused to answer or don't know, SA10_3N4 (anal 10-partner 3) = Refused to answer or don't know, SA10_4N4 (anal 10-partner 4) = Refused to answer or don't know, SA10_5N4 (anal 10-partner 5) = Refused to answer or don't know OR if SXAEN1N4 (times anal sex-partner 1) = 0, SXAEN2N4 (times anal sex-partner 2) =0, SXAEN3N4 (times anal sex-partner 3) =0, SXAEN4N4 (times anal sex-partner 4) =0, SXAEN5N4 (times anal sex-partner 5) =0, skip to instructions for partner-by-partner status series table:					

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	STATS1N4 (aware status-partner 1) when answering partner 1 series, STATS2N4 (aware status-partner 2) when answering partner 2 series, STATS3N4 (aware status-partner 3) when answering partner 3 series, STATS4N4 (aware status-partner 4) when answering partner 4 series, STATS5N4 (aware status-partner 5) when answering partner 5 series.					
		Intro_SXAC1AN4				
		"The next question is about condom use. Please include when a condom was used the entire time, not only part of the time."				
SL.1.5.a.	During the **past 12 months**, when you had anal sex with INSERT PARTNER NAME] was a condom used?	SXAC1AN4	SXAC2AN4	SXAC3AN4	SXAC4AN4	SXAC5AN4
	No	0	0	0	0	0
	Yes	1	1	1	1	1
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		For all responses, skip to STATS1N4 (aware status-partner 1).	For all responses, skip to STATS2N4 (aware status-partner 2).	For all responses, skip to STATS3N4 (aware status-partner 3).	For all responses, skip to STATS4N4 (aware status-partner 4).	For all responses, skip to STATS5N4 (aware status-partner 5).

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		Label_SXAC1AN4	Label_SXAC2AN4	Label_SXAC3AN4	Label_SXAC4AN4	Label_SXAC5AN4
		Condom anal-partner 1a	Condom anal-partner 2a	Condom anal-partner 3a	Condom anal-partner 4a	Condom anal-partner 5a
		Intro_SXAC1BN4				
		"The next question is about condom use. Please include times when a condom was used the entire time, not only part of the time."				
SL.1.5.b.	During the **past 12 months**, when you had anal sex with [PARTNER NAME] was a condom used… [READ RESPONSES. SELECT ONLY ONE.]	SXAC1BN4	SXAC2BN4	SXAC3BN4	SXAC4BN4	SXAC5BN4
	Never – not even once	1	1	1	1	1
	One or more times	2	2	2	2	2
	Absolutely	3	3	3	3	3

	Question	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	every time					
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		For all responses, skip to STATS1N4 (aware status-partner 1).	For all responses, skip to STATS2N4 (aware status-partner 2).	For all responses, skip to STATS3N4 (aware status-partner 3).	For all responses, skip to STATS4N4 (aware status-partner 4).	For all responses, skip to STATS5N4 (aware status-partner 5).
		Label_SXAC1BN4	Label_SXAC2BN4	Label_SXAC3BN4	Label_SXAC4BN4	Label_SXAC5BN4
		Condom anal-partner 1b	Condom anal-partner 2b	Condom anal-partner 3b	Condom anal-partner 4b	Condom anal-partner 5b
	Interviewer instructions for ABTM1AN4 (receptive anal-partner 1a), ABTM2AN4 (receptive anal-partner 2a), ABTM3AN4 (receptive anal-partner 3a), ABTM4AN4, (receptive anal-partner 4a), ABTM5AN4 (receptive anal-partner 5a): Male-male partner-anal sex once: If the respondent is male (SX_GEN=1) and partner is male (SXPGN1N4 [partner's gender-partner 1] = 1, SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex with partners 1, 2, 3, 4, or 5 only one time (SXAEN1N4 [times anal sex-partner 1] = 1, SXAEN2N4 [times anal sex-partner 2] = 1, SXAEN3N4 [times anal sex-partner 3] = 1, SXAEN4N4 [times anal sex-partner 4] = 1, SXAEN5N4 [times anal sex-partner 5] = 1, THEN go to ABTM1AN4 (receptive anal-partner 1a), ABTM2AN4 (receptive anal-partner 2a), ABTM3AN4 (receptive anal-partner 3a), ABTM4AN4, (receptive anal-partner 4a), ABTM5AN4 (receptive anal-partner 5a). Male-male partner-anal sex more than once: If the respondent is male (SX_GEN=1) and partner is male (SXPGN1N4 [partner's gender-partner 1] = 1, SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex with partners 1, 2, 3, 4, or 5 more than one time (SXAEN1N4 [times anal sex-partner 1] ≥ 2, SXAEN2N4 [times anal sex-partner 2] ≥ 2, SXAEN3N4 [times anal sex-partner 3] ≥ 2, SXAEN4N4 [times anal sex-partner 4] ≥ 2, SXAEN5N4 [times anal sex-partner 5] ≥ 2 OR SA10_1N4 (anal 10-partner 1) =1, , SA10_2N4 (anal 10-partner 2) =1, SA10_3N4 (anal 10-partner 3) =1, SA10_4N4 (anal 10-partner 4) =1, SA10_5N4 (anal 10-partner 5) =1 THEN Skip to				

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	ABTM1BN4 (receptive anal-partner 1b), ABTM2BN4 (receptive anal-partner 2b), ABTM3BN4 (receptive anal-partner 3b), ABTM4BN4, (receptive anal-partner 4b), ABTM5BN4 (receptive anal-partner 5b).					
SL.1.6.a	During the **past 12 months**, when you had anal sex with INSERT PARTNER NAME], did you have anal sex where you were a bottom?	ABTM1AN4	ABTM2AN4	ABTM3AN4	ABTM4AN4	ABTM5AN4
	No	0	0	0	0	0
		Skip to ATP1AN4 (insertive anal-partner 1a).	Skip to ATP2AN4 (insertive anal-partner 2a).	Skip to ATP3AN4 (insertive anal-partner 3a).	Skip to ATP4AN4 (insertive anal-partner 4a).	Skip to ATP5AN4 (insertive anal-partner 5a).
	Yes	1	1	1	1	1
		Skip to Interviewer Instructions before Intro_ABTC1AN4.	Skip to Interviewer Instructions before Intro_ABTC1AN4.	Skip to Interviewer Instructions before Intro_ABTC1AN4.	Skip to Interviewer Instructions before Intro_ABTC1AN4.	Skip to Interviewer Instructions before Intro_ABTC1AN4.
	Refused to answer	7	7	7	7	7
		Skip to ATP1AN4 (insertive anal-partner 1a).	Skip to ATP2AN4 (insertive anal-partner 2a).	Skip to ATP3AN4 (insertive anal-partner 3a).	Skip to ATP4AN4 (insertive anal-partner 4a).	Skip to ATP5AN4 (insertive anal-partner 5a).
	Don't know	8	8	8	8	8
		Skip to ATP1AN4	Skip to ATP2AN4	Skip to ATP3AN4	Skip to ATP4AN4	Skip to ATP5AN4

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		(insertive anal-partner 1a).	(insertive anal-partner 2a).	(insertive anal-partner 3a).	(insertive anal-partner 4a).	(insertive anal-partner 5a).
		Label_ABTM1AN4	Label_ABTM2AN4	Label_ABTM3AN4	Label_ABTM4AN4	Label_ABTM5AN4
		Receptive anal-partner 1a	Receptive anal-partner 2a	Receptive anal-partner 3a	Receptive anal-partner 4a	Receptive anal-partner 5a
SL.1.6.b.	During the **past 12 months**, when you had anal sex with [INSERT PARTNER NAME], how often did you have anal sex where you were a bottom? [READ RESPONSES. SELECT ONLY ONE.]	ABTM1BN4	ABTM2BN4	ABTM3BN4	ABTM4BN4	ABTM5BN4
	Never	1	1	1	1	1
		Skip to ATP1BN4 (insertive anal-partner 1b).	Skip to ATP2BN4 (insertive anal-partner 2b).	Skip to ATP3BN4 (insertive anal-partner 3b).	Skip to ATP4BN4 (insertive anal-partner 4b).	Skip to ATP5BN4 (insertive anal-partner 5b).
	Sometimes	2	2	2	2	2
		Skip to Interviewer Instructions before	Skip to Interviewer Instructions before	Skip to Interviewer Instructions before	Skip to Interviewer Instructions before	Skip to Interviewer Instructions before

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		Intro_ABTC1AN4.	Intro_ABTC1AN4.	Intro_ABTC1AN4.	Intro_ABTC1AN4.	Intro_ABTC1AN4.
	Always	3	3	3	3	3
		Skip to Interviewer Instructions before Intro_ABTC1AN4.	Skip to Interviewer Instructions before Intro_ABTC1AN4.	Skip to Interviewer Instructions before Intro_ABTC1AN4.	Skip to Interviewer Instructions before Intro_ABTC1AN4.	Skip to Interviewer Instructions before Intro_ABTC1AN4.
	Refused to answer	7	7	7	7	7
		Skip to ATP1BN4 (insertive anal-partner 1b).	Skip to ATP2BN4 (insertive anal-partner 2b).	Skip to ATP3BN4 (insertive anal-partner 3b).	Skip to ATP4BN4 (insertive anal-partner 4b).	Skip to ATP5BN4 (insertive anal-partner 5b).
	Don't know	8	8	8	8	8
		Skip to ATP1BN4 (insertive anal-partner 1b).	Skip to ATP2BN4 (insertive anal-partner 2b).	Skip to ATP3BN4 (insertive anal-partner 3b).	Skip to ATP4BN4 (insertive anal-partner 4b).	Skip to ATP5BN4 (insertive anal-partner 5b).
		Label_ABTM1BN4	Label_ABTM2BN4	Label_ABTM3BN4	Label_ABTM4BN4	Label_ABTM5BN4
		Receptive anal-partner 1b	Receptive anal-partner 2b	Receptive anal-partner 3b	Receptive anal-partner 4b	Receptive anal-partner 5b
	Interviewer instructions for ABTC1AN4 (condom receptive anal-partner 1a), ABTC2AN4 (condom receptive anal-partner 2a), ABTC3AN4 (condom receptive anal-partner 3a), ABTC4AN4 (condom receptive anal-partner 4a), ABTC5AN4 (condom receptive anal-partner 5a): <u>Male-partner #1 male-anal sex once</u>: If the respondent is male (SX_GEN=1) AND partner is male (SXPGN1N4 [partner's gender-partner 1] = 1 OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partner #1 only one time (SXAEN1N4 [times anal sex-partner 1] = 1, THEN go to Intro_ABTC1AN4 (condom receptive anal-partner 1a). <u>Male-partners #2, 3, 4, 5 male-anal sex once</u> :If the respondent is male (SX_GEN=1) AND the respondent's partners # 2, 3, 4, or 5 are male (SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1) OR SXMLONN4 [male only partners] = 1), AND the					

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	respondent had anal sex with partners #2, 3, 4, or 5 only one time (SXAEN2N4 [times anal sex-partner 2] = 1, SXAEN3N4 [times anal sex-partner 3] = 1, SXAEN4N4 [times anal sex-partner 4] = 1, SXAEN5N4 [times anal sex-partner 5] = 1, THEN go to ABTC2AN4 (condom receptive anal-partner 2a), ABTC3AN4 (condom receptive anal-partner 3a), ABTC4AN4 (condom receptive anal-partner 4a), ABTC5AN4 (condom receptive anal-partner 5a). Male-partner #1 male-anal sex more than once: if the respondent is male (SX_GEN=1) AND partner is male (SXPGN1N4 [partner's gender-partner 1] OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partner #1more than once (SXAEN1N4 [times anal sex-partner 1] ≥ 2 or SA10_1N4 [anal 10-partner 1]) =1, THEN go to Intro_ABTC1BN4 (condom receptive anal-partner 1b). Male-partner #2, 3, 4, 5, male-anal sex more than once: If the respondent is male (SX_GEN=1) AND partner is male (SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex with partners 2, 3, 4, or 5 more than one time (SXAEN2N4 [times anal sex-partner 2] ≥ 2, SXAEN3N4 [times anal sex-partner 3] ≥ 2, SXAEN4N4 [times anal sex-partner 4] ≥ 2, SXAEN5N4 [times anal sex-partner 5] ≥ 2, OR SA10_2N4 (anal 10-partner 2) =1, SA10_3N4 (anal 10-partner 3) =1, SA10_4N4 (anal 10-partner 4) =1, SA10_5N4 (anal 10-partner 5) =1, THEN go to ABTC2BN4 (condom receptive anal-partner 2b), ABTC3BN4 (condom receptive anal-partner 2b), ABTC4BN4 (condom receptive anal-partner 4b), ABTC5BN4 (condom receptive anal-partner 5b).					
		Intro_ABTC1AN4				
		"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."				
SL.1.7.a.	During the **past 12**	ABTC1AN4	ABTC2AN4	ABTC3AN4	ABTC4AN4	ABTC5AN4

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	months, when you had anal sex with [INSERT PARTNER NAME] where you were a bottom, was a condom used?					
	No	0	0	0	0	0
	Yes	1	1	1	1	1
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		For all responses, skip to ATP1AN4 (insertive anal-partner 1a).	For all responses, skip to ATP2AN4 (insertive anal-partner 2a).	For all responses, skip to ATP3AN4 (insertive anal-partner 3a).	For all responses, skip to ATP4AN4 (insertive anal-partner 4a).	For all responses, skip to ATP5AN4 (insertive anal-partner 5a).
		Label_ABTC1AN4	Label_ABTC2AN4	Label_ABTC3AN4	Label_ABTC4AN4	Label_ABTC5AN4
		Condom receptive anal-partner 1a	Condom receptive anal-partner 2a	Condom receptive anal-partner 3a	Condom receptive anal-partner 4a	Condom receptive anal-partner 5a
Intro_ABTC1BN4		Intro_ABTC1BN4 (condom receptive anal-partner 1b): "The next question is about condom use. Please include when a condom				

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		was used the entire time, not only part of the time during sex."				
SL.1.7.b.	During the **past 12 months**, when you had anal sex with [INSERT PARTNER NAME] where you were a bottom, was a condom used … [READ RESPONSES. SELECT ONLY ONE.]	ABTC1BN4	ABTC2BN4	ABTC3BN4	ABTC4BN4	ABTC5BN4
	Never – not even once	1	1	1	1	1
	One or more times	2	2	2	2	2
	Absolutely every time	3	3	3	3	3
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		For all responses,	For all responses,	For all responses,	For all responses,	For all responses,

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		go to ATP1BN4 (insertive anal-partner 1b).	go to ATP2BN4 (insertive anal-partner 2b).	go to ATP3BN4 (insertive anal-partner 3b).	go to ATP4BN4 (insertive anal-partner 4b).	go to ATP5BN4 (insertive anal-partner 5b).
		Label_ABTC1BN4	Label_ABTC2BN4	Label_ABTC3BN4	Label_ABTC4BN4	Label_ABTC5BN4
		Condom receptive anal-partner 1b	Condom receptive anal-partner 2b	Condom receptive anal-partner 3b	Condom receptive anal-partner 4b	Condom receptive anal-partner 5b
SL.1.8.a.	During the **past 12 months**, when you had anal sex with [INSERT PARTNER NAME], did you have anal sex where you were a top?	ATP1AN4	ATP2AN4	ATP3AN4	ATP4AN4	ATP5AN4
	No	0	0	0	0	0
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
	Yes	1	1	1	1	1
		Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4
	Refused to answer	7	7	7	7	7
		Skip to STATS1N4	Skip to STATS2N4	Skip to STATS3N4	Skip to STATS4N4	Skip to STATS5N4

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		(aware status-partner 1)	(aware status-partner 2)	(aware status-partner 3)	(aware status-partner 4)	(aware status-partner 5)
	Don't know	8	8	8	8	8
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
		Label_ATP1AN4	Label_ATP2AN4	Label_ATP3AN4	Label_ATP4AN4	Label_ATP5AN4
		Insertive anal-partner 1a	Insertive anal-partner 2a	Insertive anal-partner 3a	Insertive anal-partner 4a	Insertive anal-partner 5a
SL.1.8.b.	During the **past 12 months** when you had anal sex with [INSERT PARTNER NAME], how often did you have anal sex where you were a <u>top</u>? [READ RESPONSES. SELECT ONLY ONE.]	ATP1BN4	ATP2BN4	ATP3BN4	ATP4BN4	ATP5BN4
	Never	1	1	1	1	1
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Sometimes	2	2	2	2	2
		Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4
	Always	3	3	3	3	3
		Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4	Skip to Interviewer instructions for ATPC1AN4 thru ATPC5AN4
	Refused to answer	7	7	7	7	7
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
	Don't know	8	8	8	8	8
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
		Label_ATP1BN4	Label_ATP2BN4	Label_ATP3BN4	Label_ATP4BN4	Label_ATP5BN4
		Insertive anal-partner 1b	Insertive anal-partner 2b	Insertive anal-partner 3b	Insertive anal-partner 4b	Insertive anal-partner 5b
		Soft_edit_ATPC1BN4	Soft_edit_ATPC2BN4	Soft_edit_ATPC3BN4	Soft_edit_ATPC4BN4	Soft_edit_ATPC5BN4
		If SXANL1N4 (anal sex partner 1) = 1	If SXANL2N4 (anal sex partner 2) = 1	If SXANL3N4 (anal sex partner 3) = 1	If SXANL4N4 (anal sex partner 4) = 1	If SXANL5N4 (anal sex partner 5) = 1

	Question	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		(yes) and ABTM1AN4 (receptive anal sex partner 1) = 0 (no) and ATP1AN4 (insertive anal sex partner 1) = 0 (no), READ the following: "Earlier you told me that you had anal sex with [INSERT partner name SX_NM1N4]. Is this correct? Interviewer instructions: return to previous questions to correct error." Allow program to move forward.	(yes) and ABTM2BN4 (receptive anal sex partner 2) = 1 (Never) and ATP2BN4 (insertive anal sex partner 2) = 1 (Never), READ the following: "Earlier you told me that you had anal sex with [INSERT partner name SX_NM2N4]. Is this correct? Interviewer instructions: return to previous questions to correct error." Allow program to move forward.	(yes) and ABTM3BN4 (receptive anal sex partner 3) = 1 (Never) and ATP3BN4 (insertive anal sex partner 3) = 1 (Never), READ the following: "Earlier you told me that you had anal sex with [INSERT partner name SX_NM3N4]. Is this correct? Interviewer instructions: return to previous questions to correct error." Allow program to move forward.	(yes) and ABTM4BN4 (receptive anal sex partner 4) = 1 (Never) and ATP4BN4 (insertive anal sex partner 4) = 1 (Never), READ the following: "Earlier you told me that you had anal sex with [INSERT partner name SX_NM4N4]. Is this correct? Interviewer instructions: return to previous questions to correct error." Allow program to move forward.	(yes) and ABTM5BN4 (receptive anal sex partner 5) = 1 (Never) and ATP5BN4 (insertive anal sex partner 5) = 1 (Never), READ the following: "Earlier you told me that you had anal sex with [INSERT partner name SX_NM5N4]. Is this correct? Interviewer instructions: return to previous questions to correct error." Allow program to move forward.
	Interviewer instructions for ATPC1AN4 (condom insertive anal-partner 1a), ATPC2AN4 (condom insertive anal-partner 2a), ATPC3AN4 (condom insertive anal-partner 3a), ATPC4AN4 (condom insertive anal-partner 4a), ATPC5AN4 (condom insertive anal-partner 5a): <u>Male-partner #1 male-anal sex once</u>: If the respondent is male (SX_GEN=1) AND partner is male (SXPGN1N4 [partner's gender-partner 1] = 1 OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partner #1 only one time (SXAEN1N4 [times anal sex-partner 1] = 1, THEN go to Intro_ATPC1AN4 (condom insertive anal-					

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	partner 1a). Male-partners #2, 3, 4, 5 male-anal sex once :If the respondent is male (SX_GEN=1) AND partner is male (SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex with partners #2, 3, 4, or 5 only one time (SXAEN2N4 [times anal sex-partner 2] = 1, SXAEN3N4 [times anal sex-partner 3] = 1, SXAEN4N4 [times anal sex-partner 4] = 1, SXAEN5N4 [times anal sex-partner 5] = 1, THEN go to ATPC2AN4 (condom insertive anal-partner 2a), ATPC3AN4 (condom insertive anal-partner 3a), ATPC4AN4 (condom insertive anal-partner 4a), ATPC5AN4 (condom insertive anal-partner 5a). Male-partner #1 male-anal sex more than once: If the respondent is male (SX_GEN=1) AND partner is male (SXPGN1N4 [partner's gender-partner 1 OR SXMLONN4 [male only partners] = 1) AND the respondent had anal sex with partner #1 more than once (SXAEN1N4 [times anal sex-partner 1] ≥ 2 OR SA10_1N4 = 1), THEN go to Intro_ATPC1BN4 (condom insertive anal-partner 1b). Male-partner #2, 3, 4, 5, male-anal sex more than once: If the respondent is male (SX_GEN=1) AND partner is male (SXMLONN4 [male only partners] = 1 OR SXPGN2N4 [partner's gender-partner 2] = 1, SXPGN3N4 [partner's gender-partner 3] = 1, SXPGN4N4 [partner's gender-partner 4] = 1, SXPGN5N4 [partner's gender-partner 5] = 1 OR SXMLONN4 [male only partners] = 1), AND the respondent had anal sex with partners 2, 3, 4, or 5 more than one time (SXAEN2N4 [times anal sex-partner 2] ≥ 2, SXAEN3N4 [times anal sex-partner 3] ≥ 2, SXAEN4N4 [times anal sex-partner 4] ≥ 2, SXAEN5N4 [times anal sex-partner 5] ≥ 2, SXAEN2N4 [times anal sex-partner 2] ≥ 2), OR SA10_2N4 (anal 10-partner 2) =1, SA10_3N4 (anal 10-partner 3) =1, SA10_4N4 (anal 10-partner 4) =1, SA10_5N4 (anal 10-partner 5) =1, THEN go to ATPC2BN4 (condom insertive anal-partner 2b), ATPC3BN4 (condom insertive anal-partner 3b), ATPC4BN4 (condom insertive anal-partner 4b), ATPC5BN4 (condom insertive anal-partner 5b).					
		Intro_ATPC1AN4				
		"The next question is about condom use. Please include times when a				

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		condom was used the entire time, not only part of the time during sex."				
SL.1.9.a.	During the **past 12 months**, when you had anal sex with [INSERT PARTNER NAME], was a condom used when you were a top?	ATPC1AN4	ATPC2AN4	ATPC3AN4	ATPC4AN4	ATPC5AN4
	No	0	0	0	0	0
	Yes	1	1	1	1	1
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		For all responses, skip to STATS1N4 (aware status-partner 1)	For all responses, skip to STATS2N4 (aware status-partner 2)	For all responses, skip to STATS3N4 (aware status-partner 3)	For all responses, skip to STATS4N4 (aware status-partner 4)	For all responses, skip to STATS5N4 (aware status-partner 5)
		Label_ATPC1AN4	Label_ATPC2AN4	Label_ATPC3AN4	Label_ATPC4AN4	Label_ATPC5AN4
		Condom insertive anal-partner 1a	Condom insertive anal-partner 2a	Condom insertive anal-partner 3a	Condom insertive anal-partner 4a	Condom insertive anal-partner 5a
		Intro_ATPC1BN4				

	Question	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		"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."				
SL.1.9.b.	During the **past 12 months**, when you had anal sex with [INSERT PARTNER NAME] where you were a <u>top,</u> was a condom used… [READ RESPONSES. SELECT ONLY ONE.]	ATPC1BN4	ATPC2BN4	ATPC3BN4	ATPC4BN4	ATPC5BN4
	Never – not even once	1	1	1	1	1
	One or more times	2	2	2	2	2
	Absolutely every time	3	3	3	3	3

	Question	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		For all responses, go to STATS1N4 (aware status-partner 1)	For all responses, go to STATS2N4 (aware status-partner 2)	For all responses, go to STATS3N4 (aware status-partner 3)	For all responses, go to STATS4N4 (aware status-partner 4)	For all responses, go to STATS5N4 (aware status-partner 5)
		Label_ATPC1BN4	Label_ATPC2BN4	Label_ATPC3BN4	Label_ATPC4BN4	Label_ATPC5BN4
		Insertive anal-partner 1b	Insertive anal-partner 2b	Insertive anal-partner 3b	Insertive anal-partner 4b	Insertive anal-partner 5b

Transgender and unknown gender sex (SG)

	Questions	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Instructions for transgender sex partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell.					
		QDS_programming _transgen1	QDS_programming _transgen2	QDS_programming _transgen3	QDS_programming _transgen4	QDS_programming _transgen5
		When question instructions say "insert partner name," and the variable is in the Partner 1 column, then insert response from SX_NM1N4(name of partner 1)	When question instructions say "insert partner name," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2)	When question instructions say "insert partner name," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3	When question instructions say "insert partner name," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4)	When question instructions say "insert partner name," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5)
SG.1.0.	During the **past 12 months**, did you have <u>vaginal or anal</u> sex with [INSERT PARTNER NAME]?	SX_TG1N4	SX_TG2N4	SX_TG3N4	SX_TG4N4	SX_TG5N4
	No	0	0	0	0	0

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
	Yes	1	1	1	1	1
		Go to TG10_1N4 (transgender 10-partner 1)	Go to TG10_2N4 (transgender 10-partner 2)	Go to TG10_3N4 (transgender 10-partner 3)	Go to TG10_4N4 (transgender 10-partner 4)	Go to TG10_5N4 (transgender 10-partner 5)
	Refused to answer	7	7	7	7	7
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
	Don't know	8	8	8	8	8
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
		Label_SX_TG1N4	Label_SX_TG2N4	Label_SX_TG3N4	Label_SX_TG4N4	Label_SX_TG5N4
		Transgender-partner 1	Transgender-partner 2	Transgender-partner 3	Transgender-partner 4	Transgender-partner 5
		QDS_programming_SX_TGS1N4	QDS_programming_SX_TGS2N4	QDS_programming_SX_TGS3N4	QDS_programming_SX_TGS4N4	QDS_programming_SX_TGS5N4
		If SX_TG1N4 (transgender-partner 1) is 0 (no), then READ, "Earlier you told me that	If SX_TG2N4 (transgender-partner 2) is 0 (no), then READ, "Earlier you told me that	If SX_TG3N4 (transgender-partner 3) is 0 (no), then READ, "Earlier you told me that	If SX_TG4N4 (transgender-partner 4) is 0 (no), then READ, "Earlier you told me that	If SX_TG5N4 (transgender-partner 5) is 0 (no), then READ, "Earlier you told me that

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		you had vaginal or anal sex with [INSERT partner name SX_NM1N4]. Is this correct? Interviewer instructions: return to previous questions to correct error." Allow program to move forward	you had vaginal or anal sex with [INSERT partner name SX_NM2N4]. Is this correct? Interviewer instructions: return to previous questions to correct error." Allow program to move forward	you had vaginal or anal sex with [INSERT partner name SX_NM3N4]. Is this correct? Interviewer instructions: return to previous questions to correct error." Allow program to move forward	you had vaginal or anal sex with [INSERT partner name SX_NM4N4]. Is this correct? Interviewer instructions: return to previous questions to correct error." Allow program to move forward	you had vaginal or anal sex with [INSERT partner name SX_NM5N4]. Is this correct? Interviewer instructions: return to previous questions to correct error." Allow program to move forward
SG.1.1.	During the **past 12 months**, did you have vaginal or anal sex with [INSERT PARTNER NAME] more than 10 times? [READ RESPONSES. SELECT ONLY ONE.]	TG10_1N4	TG10_2N4	TG10_3N4	TG10_4N4	TG10_5N4
	Yes	1	1	1	1	1
		Skip to TGAN1N4 (average number	Skip to TGAN2N4 (average number	Skip to TGAN3N4 (average number	Skip to TGAN4N4 (average number	Skip to TGAN5N4 (average number

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		transgender - partner 1)	transgender - partner 2)	transgender - partner 3)	transgender - partner 4)	transgender - partner 5)
	No	0	0	0	0	0
		Go to TGEN1N4 (times transgender -partner 1)	Go to TGEN2N4 (times transgender -partner 2)	Go to TGEN3N4 (times transgender -partner 3)	Go to TGEN4N4 (times transgender -partner 4)	Go to TGEN5N4 (times transgender -partner 5)
	Refused to answer	7	7	7	7	7
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
	Don't know	8	8	8	8	8
		Skip to STATS1N4 (aware status-partner 1)	Skip to STATS2N4 (aware status-partner 2)	Skip to STATS3N4 (aware status-partner 3)	Skip to STATS4N4 (aware status-partner 4)	Skip to STATS5N4 (aware status-partner 5)
		Label_TG10_1N4	Label_TG10_2N4	Label_TG10_3N4	Label_TG10_4N4	Label_TG10_5N4
		Transgender 10-partner 1	Transgender 10-partner 2	Transgender 10-partner 3	Transgender 10-partner 4	Transgender 10-partner 5
SG.1.2.	During the **past 12 months**, please tell me the exact number of times that you had vaginal or anal sex with [INSERT PARTNER	TGEN1N4	TGEN2N4	TGEN3N4	TGEN4N4	TGEN5N4

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	NAME]?					
		__ __	__ __	__ __	__ __	__ __
		Skip to instructions before TGC1AN4 (condom transgender - partner 1a)	Skip to instructions before TGC2AN4 (condom transgender - partner 2a)	Skip to instructions before TGC3AN4 (condom transgender - partner 3a)	Skip to instructions before TGC4AN4 (condom transgender - partner 4a)	Skip to instructions before TGC5AN4 (condom transgender - partner 5a)
	Refused to answer	77	77	77	77	77
		Skip STATS1N4 (aware status-partner 1)	Skip STATS2N4 (aware status-partner 2)	Skip STATS3N4 (aware status-partner 3)	Skip STATS4N4 (aware status-partner 4)	Skip STATS5N4 (aware status-partner 5)
	Don't know	88	88	88	88	88
		Skip STATS1N4 (aware status-partner 1)	Skip STATS2N4 (aware status-partner 2)	Skip STATS3N4 (aware status-partner 3)	Skip STATS4N4 (aware status-partner 4)	Skip STATS5N4 (aware status-partner 5)
		Label_TGEN1N4	Label_TGEN2N4	Label_TGEN3N4	Label_TGEN4N4	Label_TGEN5N4
		Times transgender -partner 1	Times transgender -partner 2	Times transgender -partner 3	Times transgender - partner 4	Times transgender -partner 5
		Range_TGEN1N4	Range_TGEN2N4	Range_TGEN3N4	Range_TGEN4N4	Range_TGEN5N4
		1–10	1–10	1–10	1–10	1–10
SG.1.3.	On average, how many times did you have vaginal or anal sex with [INSERT PARTNER	TGAN1N4	TGAN2N4	TGAN3N4	TGAN4N4	TGAN5N4

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	NAME] per month?					
		___ ___	___ ___	___ ___	___ ___	___ ___
	Refused to answer	777	777	777	777	777
		Go to TGM1N4 (months transgender - partner 1).	Go to TGM2N4 (months transgender - partner 2).	Go to TGM3N4 (months transgender - partner 3).	Go to TGM4N4 (months transgender - partner 4).	Go to TGM5N4 (months transgender - partner 5).
	Don't know	888	888	888	888	888
		Go to TGM1N4 (months transgender partner 1).	Go to TGM2N4 (months transgender - partner 2).	Go to TGM3N4 (months transgender - partner 3).	Go to TGM4N4 (months transgender - partner 4).	Go to TGM5N4 (months transgender - partner 5).
		Label_TGAN1N4	Label_TGAN2N4	Label_TGAN3N4	Label_TGAN4N4	Label_TGAN5N4
		Average number transgender - partner 1	Average number transgender - partner 2	Average number transgender - partner 3	Average number transgender - partner 4	Average number transgender - partner 5
		Range_TGAN1N4	Range_TGAN2N4	Range_TGAN3N4	Range_TGAN4N4	Range_TGAN5N4
		1-90	1-90	1-90	1-90	1-90
SG.1.4.	During the **past 12 months**, how many months did you have <u>vaginal or anal</u> sex with	TGM1N4	TGM2N4	TGM3N4	TGM4N4	TGM5N4

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	[INSERT PARTNER NAME]?					
		___ ___	___ ___	___ ___	___ ___	___ ___
	Refused to answer	77	77	77	77	77
	Don't know	88	88	88	88	88
		For all responses, go to interviewer instructions before TGC1AN4 (condom transgender - partner 1a)	For all responses, skip to interviewer instructions before TGC2AN4 (condom transgender - partner 2a)	For all responses, skip to interviewer instructions before TGC3AN4 (condom transgender - partner 3a)	For all responses, skip to interviewer instructions before TGC4AN4 (condom transgender - partner 4a)	For all responses, skip to interviewer instructions before TGC5AN4 (condom transgender - partner 5a)
		Label_TGM1N4	Label_TGM2N4	Label_TGM3N4	Label_TGM4N4	Label_TGM5N4
		Months transgender-partner 1	Months transgender-partner 2	Months transgender-partner 3	Months transgender-partner 4	Months transgender-partner 5
		Range_TGM1N4	Range_TGM2N4	Range_TGM3N4	Range_TGM4N4	Range_TGM5N4
		1-12	1-12	1-12	1-12	1-12
		Hard_edit_TG10_1N4	Hard_edit_TG10_2N4	Hard_edit_TG10_3N4	Hard_edit_TG10_4N4	Hard_edit_TG10_5N4
		[IF TG10_1N4 (transgender 10-partner 1) = 1 and the product of TGAN1N4*TGM1N4 (average number transgender-	[IF TG10_2N4 (transgender 10-partner 2) = 1 and the product of TGAN2N4*TGM2N4 (average number transgender-	[IF TG10_3N4 (transgender 10-partner 3) = 1 and the product of TGAN3N4*TGM3N4 (average number transgender-	[IF TG10_4N4 (transgender 10-partner 4) = 1 and the product of TGAN4N4*TGM4N4 (average number transgender-	[IF TG10_5N4 (transgender 10-partner 5) = 1 and the product of TGAN5N4*TGM5N4 (average number transgender-

	Questions	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		partner 1*months transgender-partner 1) is ≤10], then READ, "You told me you had vaginal or anal sex with [INSERT SX_NM1N4 (name of partner 1)] more than 10 times." Interviewer instructions: Please re-ask question TG10_1N4 (transgender 10-partner 1). The program should go back to TG10_1N4 (transgender 10-partner 1).	partner 2*months transgender-partner 2) is ≤10], then READ, "You told me you had vaginal or anal sex with [INSERT SX_NM2N4 (name of partner 2)] more than 10 times." Interviewer instructions: Please re-ask question TG10_2N4 (transgender 10-partner 2). The program should go back to TG10_2N4 (transgender 10-partner 2).	partner 3*months transgender-partner 3) is ≤10], then READ, "You told me you had vaginal or anal sex with [INSERT SX_NM3N4 (name of partner 3)] more than 10 times." Interviewer instructions: Please re-ask question TG10_3N4 (transgender 10-partner 3). The program should go back to TG10_3N4 (transgender 10-partner 3).	partner 4*months transgender-partner 4) is ≤10], then READ, "You told me you had vaginal or anal sex with [INSERT SX_NM4N4 (name of partner 4)] more than 10 times." Interviewer instructions: Please re-ask question TG10_4N4 (transgender 10-partner 4). The program should go back to TG10_4N4 (transgender 10-partner 4).	partner 5*months transgender-partner 5) is ≤10], then READ, "You told me you had vaginal or anal sex with [INSERT SX_NM5N4 (name of partner 5)] more than 10 times." Interviewer instructions: Please re-ask question TG10_5N4 (transgender 10-partner 5). The program should go back to TG10_5N4 (transgender 10-partner 5).
	Interviewer instructions before TGC1AN4 (condom transgender-partner 1a), TGC2AN4 (condom transgender-partner 2a), TGC3AN4 (condom transgender-partner 3a), TGC4AN4 (condom transgender-partner 4a), TGC5AN4 (condom transgender-partner 5a): <u>Transgender/Unknown gender sex-any partner #1 vaginal-anal sex once</u>: If the respondent had vaginal or anal sex with partner #1 only one time (TGEN1N4 [times transgender-partner 1] = 1), THEN go to Intro_TGC1AN4 (condom transgender-partner 1a). <u>Transgender/Unknown gender sex-any partner #2, 3, 4, 5 vaginal-anal sex once</u> :If the respondent had vaginal or anal sex					

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	with partners #2, 3, 4, or 5 only one time (TGEN2N4 [times transgender-partner 2]) = 1, (TGEN3N4 [times transgender-partner 3]) = 1, (TGEN4N4 [times transgender-partner 4]) = 1, (TGEN5N4 [times transgender-partner 5]) = 1, THEN go to TGC2AN4 (condom transgender-partner 2a), TGC3AN4 (condom transgender-partner 3a), TGC4AN4 (condom transgender-partner 4a), TGC5AN4 (condom transgender-partner 5a). Else, go to Interviewer instructions before TGC1BN4 (condom transgender-partner 1b), TGC2BN4 (condom transgender-partner 2b), TGC3BN4 (condom transgender-partner 3b), TGC4BN4 (condom transgender-partner 4b), TGC5BN4 (condom transgender-partner 5b).					
		Intro_TGC1AN4				
		"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.1.5.a.	During the **past 12 months**, when you had <u>vaginal or anal</u> sex with [INSERT PARTNER NAME] was a condom used?	TGC1AN4	TGC2AN4	TGC3AN4	TGC4AN4	TGC5AN4
	No	0	0	0	0	0
	Yes	1	1	1	1	1

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		For all responses, skip to STATS1N4 (aware status-partner 1)	For all responses, skip to STATS2N4 (aware status-partner 2)	For all responses, skip to STATS3N4 (aware status-partner 3)	For all responses, skip to STATS4N4 (aware status-partner 4)	For all responses, skip to STATS5N4 (aware status-partner 5)
		Label_TGC1AN4	Label_TGC2AN4	Label_TGC3AN4	Label_TGC4AN4	Label_TGC5AN4
		Condom transgender-partner 1a	Condom transgender-partner 2a	Condom transgender-partner 3a	Condom transgender-partner 4a	Condom transgender-partner 5a
	Interviewer instructions before TGC1BN4 (condom transgender-partner 1b), TGC2BN4 (condom transgender-partner 2b), TGC3BN4 (condom transgender-partner 3b), TGC4BN4 (condom transgender-partner 4b), TGC5BN4 (condom transgender-partner 5b): Transgender/Unknown gender sex-any partner #1 vaginal-anal sex more than once: If the respondent had vaginal or anal sex with partner #1 more than once (TGEN1N4 [times transgender-partner 1]) ≥ 2, OR TG10_1N4 (transgender 10-partner 1) =1 THEN go to Intro_TGC1BN4 (condom transgender-partner 1b). Transgender/Unknown gender sex-any partner #2, 3, 4, 5, vaginal-anal sex more than once: If the respondent had vaginal or anal sex with partners #2, 3, 4, or 5 more than one time (TGEN2N4 [times transgender sex-partner 2]) ≥ 2, (TGEN3N4 [times transgender sex-partner 3]) ≥ 2, (TGEN4N4 [times transgender sex-partner 4]) ≥ 2, (TGEN5N4 [times transgender sex-partner 5]) ≥ 2, OR TG10_2N4 (transgender 10-partner 2) =1, TG10_3N4 (transgender 10-partner 3) =1, TG10_4N4 (transgender 10-partner 4) =1, TG10_5N4 (transgender 10-partner 5) =1, THEN go to TGC2BN4 (condom transgender-partner 2b), TGC3BN4 (condom transgender-partner 3c), TGC4BN4 (condom transgender-partner 4b), TGC5BN4 (condom transgender-partner 5b).					
		Intro_TGC1BN4				
		"The next question is about condom use. Please include times when a				

	Questions	Sexual Partners				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		condom was used the entire time, not only part of the time during sex."				
SG.1.5.b.	During the **past 12 months**, when you had vaginal or anal sex with [INSERT PARTNER NAME] was a condom used... [READ RESPONSES. SELECT ONLY ONE.]	TGC1BN4	TGC2BN4	TGC3BN4	TGC4BN4	TGC5BN4
	Never- not even once	1	1	1	1	1
	One or more times	2	2	2	2	2
	Absolutely every time	3	3	3	3	3
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		For all responses,	For all responses,	For all responses,	For all responses,	For all responses,

	Questions	**Sexual Partners**				
		Partner 1 [Insert partner name SX_NM1N4]	Partner 2 [Insert partner name SX_NM2N4]	Partner 3 [Insert partner name SX_NM3N4]	Partner 4 [Insert partner name SX_NM4N4]	Partner 5 [Insert partner name SX_NM5N4]
		go to STATS1N4 (aware status-partner 1)	go to STATS2N4 (aware status-partner 2)	go to STATS3N4 (aware status-partner 3)	go to STATS4N4 (aware status-partner 4)	go to STATS5N4 (aware status-partner 5)
		Label_TGC1BN4	Label_TGC2BN4	Label_TGC3BN4	Label_TGC4BN4	Label_TGC5BN4
		Condom transgender-partner 1b	Condom transgender-partner 2b	Condom transgender-partner 3b	Condom transgender-partner 4b	Condom transgender-partner 5b

Status (SS)

	Questions	Sexual partners				
		Partner 1 [INSERT partner name SX_NM1N4]	Partner 2 [INSERT partner name SX_NM2N4]	Partner 3 [INSERT partner name SX_NM3N4]	Partner 4 [INSERT partner name SX_NM4N4]	Partner 5 [INSERT partner name SX_NM5N4]
	Instructions for status partner-by-partner series table: The questions and response options are in the far left column of the table. Each question is asked for partners 1–5. Partners 1-5 are labeled in columns Partner 1, Partner 2, Partner 3, Partner 4, and Partner 5. All Partner 1 questions are asked before moving to Partner 2 questions. Detailed instructions are provided in each table cell. When question instructions say "insert partner name," and the variable is in the Partner 1 column, then insert response from SX_NM1N4(name of partner 1). When question instructions say "insert partner name," and variable is in the Partner 2 column, insert response to SX_NM2N4 (name of partner 2). When question instructions say "insert partner name," and variable is in the same column as Partner 3, insert response to SX_NM3N4 (name of partner 3). When question instructions say "insert partner name," and variable is in the same column as Partner 4, insert response to SX_NM4N4 (name of partner 4). When question instructions say "insert partner name," and variable is in the same column as Partner 5, insert response to SX_NM5N4 (name of partner 5).					
SS.1.0.	Does [INSERT PARTNER NAME] know your HIV status?	STATS1N4	STATS2N4	STATS3N4	STATS4N4	STATS5N4
	No	0	0	0	0	0
		Skip to STPRT1N4 (partner status-partner 1).	Skip to STPRT2N4 (partner status-partner 2).	Skip to STPRT3N4 (partner status-partner 3).	Skip to STPRT4N4 (partner status-partner 4).	Skip to STPRT5N4 (partner status-partner 5).
	Yes	1	1	1	1	1
		Go to AWRST1N4 (aware status every	Go to AWRST2N4 (aware status every	Go to AWRST3N4 (aware status every	Go to AWRST4N4 (aware status every	Go to AWRST5N4 (aware status every

	Questions	Sexual partners				
		sex-partner 1).	sex-partner 2).	sex-partner 3).	sex-partner 4).	sex-partner 5).
	Refused to answer	7	7	7	7	7
		Skip to STPRT1N4 (partner status-partner 1).	Skip to STPRT2N4 (partner status-partner 2).	Skip to STPRT3N4 (partner status-partner 3).	Skip to STPRT4N4 (partner status-partner 4).	Skip to STPRT5N4 (partner status-partner 5).
	Don't know	8	8	8	8	8
		Skip to STPRT1N4 (partner status-partner 1).	Skip to STPRT2N4 (partner status-partner 2).	Skip to STPRT3N4 (partner status-partner 3).	Skip to STPRT4N4 (partner status-partner 4).	Skip to STPRT5N4 (partner status-partner 5).
		Label_STATS1N4	Label_STATS2N4	Label_STATS3N4	Label_STATS4N4	Label_STATS5N4
		Aware status-partner 1	Aware status-partner 2	Aware status-partner 3	Aware status-partner 4	Aware status-partner 5
SS.1.1.	During the **past 12 months**, was [INSERT PARTNER NAME] aware of your status every time you had sex?	AWRST1N4	AWRST2N4	AWRST3N4	AWRS41N4	AWRST5N4
	No	0	0	0	0	0
	Yes	1	1	1	1	1
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		For all responses, go to STPRT1N4 (Partner status-	For all responses, go to STPRT2N4 (Partner status-	For all responses, go to STPRT3N4 (Partner status-	For all responses, go to STPRT4N4 (Partner status-	For all responses, go to STPRT5N4 (Partner status-

	Questions	Sexual partners				
		partner 1).	partner 2).	partner 3).	partner 4).	partner 5).
		Label_AWRST1N4	Label_AWRST2N4	Label_AWRST3N4	Label_AWRST4N4	Label_AWRST5N4
		Aware status every sex -partner 1	Aware status every sex -partner 2	Aware status every sex -partner 3	Aware status every sex -partner 4	Aware status every sex -partner 5
SS.2.0.	Do you know [INSERT PARTNER NAME]'s HIV status?	STPRT1N4	STPRT2N4	STPRT3N4	STPRT4N4	STPRT5N4
	No	0	0	0	0	0
		If SX_TOTN4 (total number of vaginal and anal sex partners) = 1, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 2, skip to skip_SXPGN2N4 (partner gender-partner 2).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 2, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 3, skip to skip_SXPGN3N4 (partner gender-partner 3).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 3, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 4, skip to skip_SXPGN4N4 (partner gender-partner 4).	If SX_TOTN4 (total number of vaginal and anal sex partners)= 4, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 5, skip to skip_SXPGN5N4 (partner gender-partner 5).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 5, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 6, skip to aggregate information section.
	Yes	1	1	1	1	1
		Go to PRTST1N4 (Partner status first sex-partner 1).	Go to PRTST2N4 (Partner status first sex-partner 2).	Go to PRTST3N4 (Partner status first sex-partner 3).	Go to PRTST4N4 (Partner status first sex-partner 4).	Go to PRTST5N4 (Partner status first sex-partner 5).
	Refused to	7	7	7	7	7

	Questions	**Sexual partners**				
	answer					
		If SX_TOTN4 (total number of vaginal and anal sex partners) = 1, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 2, skip to skip_SXPGN2N4 (partner gender-partner 2).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 2, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 3, skip to skip_SXPGN3N4 (partner gender-partner 3).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 3, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 4, skip to skip_SXPGN4N4 (partner gender-partner 4).	If SX_TOTN4 (total number of vaginal and anal sex partners)= 4, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 5, skip to skip_SXPGN5N4 (partner gender-partner 5).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 5, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 6, skip to aggregate information section.
	Don't know	8	8	8	8	8
		If SX_TOTN4 (total number of vaginal and anal sex partners) = 1, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 2, skip to skip_SXPGN2N4 (partner gender-partner 2).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 2, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 3, skip to skip_SXPGN3N4 (partner gender-partner 3).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 3, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 4, skip to skip_SXPGN4N4 (partner gender-partner 4).	If SX_TOTN4 (total number of vaginal and anal sex partners)= 4, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 5, skip to skip_SXPGN5N4 (partner gender-partner 5).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 5, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 6, skip to aggregate information section.

	Questions	Sexual partners				
		Label_STPRT1N4	Label_STPRT2N4	Label_STPRT3N4	Label_STPRT4N4	Label_STPRT5N4
		Partner status-partner 1	Partner status-partner 2	Partner status-partner 3	Partner status-partner 4	Partner status-partner 5
SS.2.1.	During the **past 12 months**, what was [INSERT PARTNERS' NAME]'s HIV status the first time that you had sex? [DON'T READ RESPONSES. SELECT ONLY ONE.]	PRTST1N4	PRTST2N4	PRTST3N4	PRTST4N4	PRTST5N4
	HIV Positive	1	1	1	1	1
		If SX_TOTN4 (total number of vaginal and anal sex partners) = 1, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 2, skip to skip_SXPGN2N4	If SX_TOTN4 (total number of vaginal and anal sex partners)= 2, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 3, skip to skip_SXPGN3N4	If SX_TOTN4 (total number of vaginal and anal sex partners) = 3, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 4, skip to skip_SXPGN4N4	If SX_TOTN4 (total number of vaginal and anal sex partners) = 4, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 5, skip to skip_SXPGN5N4	If SX_TOTN4 (total number of vaginal and anal sex partners) = 5, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 6, skip to aggregate

	Questions	Sexual partners				
		(partner gender-partner 2).	(partner gender-partner 3).	(partner gender-partner 4).	(partner gender-partner 5).	information section.
	HIV Negative	2	2	2	2	2
		Go to PREP1N4 (PrEP-partner 1).	Go to PREP2N4 (PrEP-partner 2).	Go to PREP3N4 (PrEP-partner 3).	Go to PREP4N4 (PrEP-partner 4).	Go to PREP5N4 (PrEP-partner 5).
	Refused to answer	7	7	7	7	7
		If SX_TOTN4 (total number of vaginal and anal sex partners)= 1, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 2, skip to skip_SXPGN2N4 (partner gender-partner 2).	If SX_TOTN4 (total number of vaginal and anal sex partners)= 2, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 3, skip to skip_SXPGN3N4 (partner gender-partner 3).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 3, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 4, skip to skip_SXPGN4N4 (partner gender-partner 4).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 4, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 5, skip to skip_SXPGN5N4 (partner gender-partner 5).	If SX_TOTN4 (total number of vaginal and anal sex partners) = 5, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 6, skip to aggregate information section.
	Don't know	8	8	8	8	8
		If SX_TOTN4 (total number of vaginal and anal sex partners)= 1, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total	If SX_TOTN4 (total number of vaginal and anal sex partners)= 2, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total	If SX_TOTN4 (total number of vaginal and anal sex partners) = 3, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total	If SX_TOTN4 (total number of vaginal and anal sex partners) = 4, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total	If SX_TOTN4 (total number of vaginal and anal sex partners) = 5, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total

	Questions	**Sexual partners**				
		number of vaginal and anal sex partners) ≥ 2, skip to skip_SXPGN2N4 (partner gender-partner 2).	number of vaginal and anal sex partners) ≥ 3, skip to skip_SXPGN3N4 (partner gender-partner 3).	number of vaginal and anal sex partners) ≥ 4, skip to skip_SXPGN4N4 (partner gender-partner 4).	number of vaginal and anal sex partners) ≥ 5, skip to skip_SXPGN5N4 (partner gender-partner 5).	number of vaginal and anal sex partners) ≥ 6, skip to aggregate information section.
		Label_PRTST1N4	Label_PRTST2N4	Label_PRTST3N4	Label_PRTST4N4	Label_PRTST5N4
		Partner status first sex-partner 1	Partner status first sex-partner 2	Partner status first sex-partner 3	Partner status first sex-partner 4	Partner status first sex-partner 5

Pre-exposure prophylaxis (SR)

	Questions	**Sexual partners**				
		Partner 1 [INSERT partner name SX_NM1N4]	Partner 2 [INSERT partner name SX_NM2N4]	Partner 3 [INSERT partner name SX_NM3N4]	Partner 4 [INSERT partner name SX_NM4N4]	Partner 5 [INSERT partner name SX_NM5N4]
SR.1.0.	Sometimes people who are HIV negative take antiretroviral medicine, such as Truvada, to prevent them from getting HIV. Was [INSERT PARTNER NAME] taking antiretroviral medicine to prevent them from getting HIV when you last had sex? If you aren't sure, that's okay.	PREP1N4	PREP2N4	PREP3N4	PREP4N4	PREP5N4
	No	0	0	0	0	0
	Yes	1	1	1	1	1
	Refused to answer	7	7	7	7	7
	Don't know	8	8	8	8	8
		If SX_TOTN4 (total number of vaginal and anal sex partners) = 1, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal	If SX_TOTN4 (total number of vaginal and anal sex partners) = 2, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal	If SX_TOTN4 (total number of vaginal and anal sex partners) = 3, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal	If SX_TOTN4 (total number of vaginal and anal sex partners) = 4, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal	If SX_TOTN4 (total number of vaginal and anal sex partners) = 5, skip to serosorting section (Intro_SEROSRT1). If SX_TOTN4 (total number of vaginal

	Questions	**Sexual partners**				
		and anal sex partners) ≥ 2, skip to skip_SXPGN2N4 (partner gender-partner 2).	and anal sex partners) ≥ 3, skip to skip_SXPGN3N4 (partner gender-partner 3).	and anal sex partners) ≥ 4, skip to skip_SXPGN4N4 (partner gender-partner 4).	and anal sex partners) ≥5, skip to skip_SXPGN5N4 (partner gender-partner 5).	and anal sex partners) ≥ 6, skip to aggregate information section.
		Label_PREP1N4	Label_PREP2N4	Label_PREP3N4	Label_PREP4N4	Label_PREP5N4
		PrEP-partner 1	PrEP-partner 2	PrEP-partner 3	PrEP-partner 4	PrEP-partner 5

Aggregate information (SA)

Skip_SXAGC1N4 Skip_SXAGC2N4	If respondent reported 6 partners (SX_TOTN4 (total number of vaginal and anal sex partners) = 6), go to SXAGC1N4 (aggregate condom use- 6 partners). If respondent reported 7 or more sex partners (SX_TOTN4 (total number of vaginal and anal sex partners) ≥ 7), then skip to SXAGC2N4 (Aggregate: # partners condom always used).	
Intro_SXAGC1N4	"We just talked about the five people you most recently had sex with. Now I'd like to ask you about the other partner(s) with whom you had sex with during the **past 12 months**. For these next questions, please don't include partners you have already discussed."	
SXAGC1N4	SA.1.0.	During the **past 12 months**, was a condom always used when you had <u>vaginal or anal</u> sex with your other partner? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SXAGC1N4		Aggregate condom use-6 partners
SXAGP1N4	SA.1.1.	Was your other partner HIV positive? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SXAGP1N4		Aggregate partner status-6 partners
Skip_SXAGP1N4		All responses skip to the serosorting section (Intro_SEROSRT1).
SXAGC2N4	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 <u>vaginal or anal</u> sex? __ __ __ Refused to answer 7777 Don't know 8888
Label_SXAGC2N4 Range_SXAGC2N4 Hard_edit_SXAGC2N4		Aggregate: # partners condom always used 0-999 If SXAGC2N4 (Aggregate: # partners condom always used) is > [SX_TOTN4 (total number of vaginal and anal sex partners)] - (minus) 5], then READ the following: "The number of additional partners with whom you used a condom cannot be greater than [insert value from (SX_TOTN4 (total number of vaginal and anal sex partners)) - (minus) 5]. Confirm Answer." Go back to SXAGC2N4 (Aggregate: # partners condom always used).
Calculation_SXAGUPN4		Create a calculated variable to indicate the aggregate number of partners with whom the respondent had unprotected sex. If SX_TOTN4 is > 5, then create SXAGUPN4 where ([SX_TOTN4 (total number of vaginal and anal sex partners)] - (minus) 5] - SXAGC2N4). (If SXAGC2N4 is don't know or refuse,

		assign it a 7777 if refused or 8888 if don't know.)
Label_SXAGUPN4		Aggregate # condomless sex partners
Skip_SXAGC2N4		If SXAGC2N4 (Aggregate: # partners condom always used) = SX_TOTN4 (total number of vaginal and anal sex partners), 7 (refused to answer) or 8 (don't know), then skip to the serosorting section (Intro_SEROSRT1). Else, go to SXAGC3N4 (aggregate: confirm # of unprt partners).
SXAGC3N4	SA.1.3.	So, you had unprotected sex with [INSERT RESPONSE FROM SXAGUPN4] of these other partners? No 0 Yes 1 Refused to answer 7 Don't know 8
label_SXAGC3N4		Aggregate: confirm # of unprt partners
Skip_SXAGC3N4		If SXAGC3N4 (aggregate: confirm # of unprt partners) is 0 (no), 7 (refused to answer) or 8 (don't know), then return to SXAGC2N4 (Aggregate: # partners condom always used).
SXAGP2N4	SA.1.4.	How many of those [INSERT RESPONSE FROM SXAGUPN4] other partners were HIV positive? — — — Refused to answer 7777 Don't know 8888
Label_SXAGP2N4		Aggregate: # of concordant partners
Range_SXAGP2N4		0-999
Hard_edit_SXAGP2N4		SXAGP2N4 (Aggregate: # of concordant partners) cannot be greater than SXAGUPN4 (Aggregate # condomless sex partners). If SXAGP2N4 (Aggregate: # of concordant partners) > SXAGUPN4 (Aggregate # condomless sex partners), then READ, "The response is out of range" and return to SXAGP2N4 (Aggregate: # of concordant partners).

Serosorting (SO)

Intro_SEROSRT1		"For these next questions, I will read you a statement and then I'll ask you to tell me how strongly you disagree or agree with the statement. Some of the statements may not apply to your situation; however, tell me whether you think you would disagree or agree. When I say unprotected sex, I mean anal or vaginal sex where a condom was not used at all or was only used part of the time. We'll use Response Card F for these four questions."
SEROSRT1	SO.1.0.	If my partner tells me he or she is HIV positive, I'm more likely to have unprotected sex with him or her. [READ RESPONSES. SELECT ONLY ONE.] Strongly disagree 1 Somewhat disagree 2 Neutral 3

		Somewhat agree	4
		Strongly agree	5
		Refused to answer	7
		Don't know	8
Label_SEROSRT1		Partner +, more likely unprotected sex	
SEROSRT2	SO.2.0.	If my partner tells me he or she is HIV positive, we don't have to worry about using condoms. [READ RESPONSES. SELECT ONLY ONE.]	
		Strongly disagree	1
		Somewhat disagree	2
		Neutral	3
		Somewhat agree	4
		Strongly agree	5
		Refused to answer	7
		Don't know	8
Label_SEROSRT2		If partner is +, don't worry condoms	
SEROSRT3	SO.3.0.	If I have an undetectable HIV viral load, I am more likely to have unprotected sex. [READ RESPONSES. SELECT ONLY ONE.]	
		Strongly disagree	1
		Somewhat disagree	2
		Neutral	3
		Somewhat agree	4
		Strongly agree	5
		Refused to answer	7
		Don't know	8
Label_SEROSRT3		Undet VL, more likely have unprotect sex	
SEROSRT4	SO.4.0.	Having an undetectable HIV viral load means I can worry less about having to use condoms. [READ RESPONSES. SELECT ONLY ONE.]	
		Strongly disagree	1
		Somewhat disagree	2
		Neutral	3
		Somewhat agree	4
		Strongly agree	5
		Refused to answer	7
		Don't know	8
Label_SEROSRT4		Undet VL, worry less about condoms	

MSM Sex Ever (ME)

Skip_MSMEVRN5		If SX_GEN (sex gender) is 1 (male) and SX_TMPN4 (number of male partners) is 0, 7777 (refused to answer), or 8888 (don't know), then go to MSMEVRN5 (ever had sex with a male). Else, skip to Skip_Intro_OUTMAN5.	
MSMEVRN5	ME.1.0.	Have you ever had sex with a male?	
		No	0

		Yes	1
		Refused to answer	7
		Don't know	8
Label_MSMEVRN5		Ever had sex with a male	

Disclosure of same sex attraction (RC)

Skip_Intro_OUTMAN5		If MSMEVRN5 (ever had sex with a male) is 1 (yes), then go to Intro_OUTMAN5. If SX_GEN (sex gender) is 1 (male) and SEXOR_N5 (sexual orientation) is 1 (lesbian or gay) or 3 (bisexual), then go to Intro_OUTMAN5. If SX_GEN (sex gender) = 1 (male) and SX_TMPN4 (number of male partners) is ≥ 1, then go to Intro_OUTMAN5. Else Skip to next topic (Calculation_EN_SEXN5, end of sexual behavior).	
Intro_OUTMAN5		"For the next questions, tell me whether the answer is yes, no, or doesn't apply to your situation. Do any of the following people know that you've had sex with men:"	
OUTMAN5	RC.1.1.	Family members?	
		No	0
		Yes	1
		Not applicable	6
		Refused to answer	7
		Don't know	8
Label_OUTMAN5		Disclose male-male sex to family members	
OUTMBN5	RC.1.2.	Friends?	
		No	0
		Yes	1
		Not applicable	6
		Refused to answer	7
		Don't know	8
Label_OUTMBN5		Disclose male-male sex to friends	
OUTMCN5	RC.1.3.	Work associates?	
		No	0
		Yes	1
		Not applicable	6
		Refused to answer	7
		Don't know	8
Label_OUTMCN5		Disclose M-M sex to coworkers	
OUTMDN5	RC.1.4.	Doctors, nurses, or other healthcare workers?	

		No	0
		Yes	1
		Not applicable	6
		Refused to answer	7
		Don't know	8
Label_OUTMDN5		Disclose M-M sex to health workers	
Skip_OUTMEN5		If SX_TFPN4 (number of female partners) is ≥1, go to OUTMEN5 (Disclose M-M sex to female partners); else Skip to OUTMFN5 (Disclose M-M sex to religious leaders).	
OUTMEN5	RC.1.5.	Female sex partners?	
		No	0
		Yes	1
		Not applicable	6
		Refused to answer	7
		Don't know	8
Label_OUTMEN5		Disclose M-M sex to female partners	
OUTMFN5	RC.1.6.	Religious leaders?	
		No	0
		Yes	1
		Not applicable	6
		Refused to answer	7
		Don't know	8
Label_OUTMFN5		Disclose M-M sex to religious leaders	

Calculation_EN_SEXN5	EN_SEXN5 = Current time
Label_EN_SEXN5	End of sexual behavior
Calculation_TL_SEXN5	Calculate elapsed time between ST_SEXN5 and EN_SEXN5 = TL_SEXN5
Label_TL_SEXN5	Total time for sexual behavior

Prevention activities (PA)

Calculation_STPREVN5		STPREVN5 = Current time
Label_STPREVN5		Start prevention activities
Intro_5_COND12_9		"Next I'd like to ask you some questions about HIV prevention."
COND12_9	PA.1.0.	During the **past 12 months**, have you gotten any free condoms, not counting those given to you by a friend, relative, or sex partner? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_COND12_9		Gotten any free condoms
HIVINFN3	PA.2.0.	During the **past 12 months**, have you seen or received any informational/educational materials such as posters, leaflets, pamphlets, or videos that tell you how to protect you or your partners from HIV or other STDs? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_HIVINFN3		Received informational/educat materials
TALK_5_SERIES		"During the **past 12 months**, not including when you may have been tested for HIV, have you had a one-on-one conversation with any of the following people about ways to protect yourself or your partners from getting HIV or other STDs…"
TALK_5A	PA.3.1.	An outreach worker, counselor, or prevention program worker? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TALK_5A		Conversation with an outreach worker…
TALK_5B	PA.3.2.	A doctor, nurse, or other healthcare worker? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TALK_5B		Conversation with a doctor, nurse…
GROU1_12	PA.3.3.	During the **past 12 months**, not including when you may have been tested

	for HIV, have you participated in an organized session involving a small group of people to discuss ways to protect yourself or your partners from getting HIV or other sexually transmitted diseases?
	No 0
	Yes 1
	Refused to answer 7
	Don't know 8
Label_GROU1_12	Organized group session to discuss HIV

Calculation_ENPREVN5	ENPREVN5 = Current time
Label_ENPREVN5	End of prevention activities
Calculation_TLPREVN5	Calculate elapsed time between STPREVN5 and ENPREVN5 = TLPREVN5
Label_TLPREVN5	Total time for prevention activities

Intimate partner violence (P)

Calculation_STIPVN5	STIPVN5 = Current time
Label_STIPVN5	Start time intimate partner violence

Physical violence (PV)

Intro_IPVPH1N5		"Next I'll ask about experiences you may have had with romantic or sexual partners. When I ask about romantic or sexual partners, I want you to think about anybody you've been involved with romantically or sexually, which might include spouses, boyfriends, girlfriends, people you've dated, people you were seeing, or people you hooked up with."
IPVPH1N5	PV.1.0.	How many of your romantic or sexual partners have **ever** slapped, punched, shoved, kicked, choked or otherwise physically hurt you? ___ ___ ___ [Don't know=7777; Refused to answer=8888]
Label_IPVPH1N5 Range_IPVPH1N5		Ever IPV physical violence 0-999
Skip_IPVPH1N5		If IPVPH1N5 (ever IPV physical violence) = 1-999, then go to IPVPH2N5 (last year IPV physical violence); else skip to Intro_IPVSX1N5 (Intro ever IPV sexual violence).
IPVPH2N5	PV.1.1.	During the **past 12 months**, has a partner slapped, punched, shoved, kicked, choked, or otherwise physically hurt you? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_IPVPH2N5		Last year IPV physical violence

Sexual violence (PS)

Intro_IPVSX1N5		"Some people may experience unwanted and uninvited sexual situations by strangers or people they know well, such as a romantic or sexual partner, friend, teacher, coworker, supervisor, or family member."
IPVSX1N5	PS.1.0.	Some people are threatened with harm or physically forced to have sex when they don't want to, for example, by being pinned or held down, or by the use of violence. How many people have **ever** threatened or forced you to have vaginal, anal, or oral sex when you did not want to? ___ ___ ___ [Don't know=7777; Refused to answer=8888]
Label_IPVSX1N5 Range_IPVSX1N5		Ever IPV sexual violence 0-999

Skip_IPVSX1N5		If IPVSX1N5 (ever IPV sexual violence) = 1-999, then go to IPVSX2N5 (last year IPV sexual violence); else skip to next topic (Calculation_ENIPVN5, End of intimate partner violence).
IPVSX2N5	PS.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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_IPVSX2N5		Last year IPV sexual violence

Calculation_ENIPVN5	ENIPVN5 = Current time
Label_ENIPVN5	End of intimate partner violence
Calculation_TLIPVN5	Calculate elapsed time between STIPVN5 and ENIPVN5 = TLIPVN5
Label_TLIPVN5	Total time for intimate partner violence

Alcohol, smoking, and drug use (U)

Calculation_STDRUGN5	STDRUGN5 = Current time
Label_STDRUGN5	Start time of alcohol, smoking, and drug use

Alcohol use (UA)

Intro_ALCOHO_9		"Now I'm going to ask you about any alcohol that you may have had. We will use Response Card G."
ALCOHO_9	UA.1.0.	During the **past 12 months**, how often did you drink alcohol? [USE RESPONSE CARD G. SELECT ONLY ONE.] Daily 1 Weekly 2 Monthly 3 Less than monthly 4 Never 5 Refused to answer 7 Don't know 8
Label_ALCOHO_9		How often drank alcohol in past 12 mos
Skip_ALCOHO_9		If ALCOHO_9 (how often drank alcohol in past 12 mos) is 5 (never), 7 (refused to answer), 8 (don't know), then skip to next topic (Intro_CIGEVRN5).
Skip_ALCOHOL1		If SX_TOTN4 (total number of vaginal or anal sex partners) ≥1, then go to Interviewer_note_ALCOHOL1. Else, skip to Intro_DRINK_9 (number of days drank past 30 days).
Interviewer_note_ALCOHOL1		**Interviewer instructions:** When asking about the respondent's alcohol use before or during sex, remind the respondent that sex is defined as vaginal sex (penis in the vagina) or anal sex (penis in the anus). If the respondent is a woman who had sex with both men and women, remind her that these questions refer to vaginal or anal sex with her male partners only.
ALCOHOL1	UA.2.0.	During the **past 12 months**, did you drink alcohol <u>before or during sex</u>? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_ALCOHOL1		Drank alcohol before or during sex
Intro_DRINK_9		"Now I'm going to ask you some questions about your alcohol use. We'll use the calendar to refer to the past 30 days."
DRINK_9	UA.3.0.	During the **past 30 days**, on how many days did you have an alcoholic drink? ___ ___

		[Refused to answer = 77, Don't know = 88]
Label_DRINK_9 Range_DRINK_9		Number of days drank past 30 days 0–30
Skip_DRINK_9		If DRINK_9 (number of days drank past 30 days) is 0, 77 (refused to answer), or 88 (don't know), then skip to next topic (Intro_CIGEVRN5).
Intro_NDRINK_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."
NDRINK_9	UA.4.0.	During the **past 30 days**, how many alcoholic drinks did you have on a typical day when you were drinking? ___ ___ [Refused to answer = 77, Don't know = 88]
Label_NDRINK_9 Range_NDRINK_9		# drinks/day typical day past 30 days 1–30
Skip_NDRINK_9		If BIRTGEN (gender at birth) is 2 (Female) or 3 (Intersex/ambiguous), then skip to DRINK4_9 (# days had 4 or more drinks past 30d.)
DRINK5_9	UA.5.0.	During the **past 30 days**, on how many days did you have 5 or more alcoholic drinks in one sitting? ___ ___ [Refused to answer = 77, Don't know = 88]
Label_DRINK5_9 Range_DRINK5_9 Hard_edit_DRINK5_9		# of days had 5 or more drinks past 30 d. NDRINK_9 (# drinks/day typical day past 30 days) must be ≤ 30 and ≤ DRINK_9 (number of days drank past 30 days). If DRINK5_9 (# of days had 5 or more drinks past 30 d) > DRINK_9 (number of days drank in past 30 days), then READ, "The number of days during the past 30 days that you had 5 or more drinks cannot be greater than the number of days you had a drink in the last 30 days." Return to DRINK_9 (number of days drank past 30 days).
Skip_DRINK5_9		Skip to next topic (Intro_CIGEVRN5).
DRINK4_9	UA.6.0.	During the **past 30 days**, on how many days did you have 4 or more alcoholic drinks in one sitting? ___ ___ [Refused to answer = 77, Don't know = 88]
Label_DRINK4_9 Range_DRINK4_9		# days had 4 or more drinks past 30 d. DRINK4_9 (# days had 4 or more drinks past 30 d) must be ≤ 30 and ≤ DRINK_9 (number of days had a drink during the past 30 days).

Hard_edit_DRINK4_9		If DRINK4_9 (# days had 4 or more drinks past 30 d)> DRINK_9 (number of days drank past 30 days), then READ, "The number of days during the past 30 days that you had 4 or more drinks cannot be greater than the number of days you had a drink in the last 30 days." Return to DRINK_9 (number of days drank past 30 days).

Cigarette and tobacco use (US)

Intro_CIGEVRN5		"The next questions are about smoking cigarettes."
CIGEVRN5	US.1.0.	Have you smoked at least 100 cigarettes, equal to 5 packs of cigarettes, in your entire life? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_CIGEVRN5		Ever smoked cigarettes
Skip_CIGEVRN5		If CIGEVRN5 (ever smoked cigarettes) is 0 (no), 7 (refused to answer), or 8 (don't know), then skip to Intro_CIGARN5 (ever smoked cigars, etc.).
Intro_CIG_OFT		"Now we will use Response Card G."
CIG_OFT	US.1.1.	How often do you smoke cigarettes now? [USE RESPONSE CARD G. SELECT ONLY ONE.] Daily 1 Weekly 2 Monthly 3 Less than monthly 4 Never 5 Refused to answer 7 Don't know 8
Label_CIG_OFT		Current use cigarettes
Intro_CIGARN5		"The next questions ask about tobacco products you might smoke other than cigarettes, specifically cigars, cigarillos and little filtered cigars. Cigarillos are medium cigars that sometimes are sold with plastic or wooden tips. Some common brands are *Black and Mild, Swisher Sweets, Dutch Masters* and *Phillies Blunts*. Cigarillos are usually sold individually or in packs of 5 or 8. In contrast, little filtered cigars look like cigarettes and are usually brown in color. Like cigarettes, little filtered cigars have a spongy filter and are sold in packs of 20. Some common brands are *Prime Time* and *Winchester*."
CIGARN5	US.2.0.	Have you smoked cigars, cigarillos, or little filtered cigars at least 50 times in your entire life? No 0 Yes 1 Refused to answer 7

		Don't know	8
Label_CIGARN5		Ever smoked cigars, etc.	
Skip_CIGARN5		If CIGARN5 (ever smoked cigars, etc.) is 0 (no), 7 (refused to answer), or 8 (don't know), then skip to Skip_CIG_QTN5.	
CIGARFN5	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.]	
		Every day	1
		Some days	2
		Rarely	3
		Not at all	4
		Refused to answer	7
		Don't know	8
Label_CIGARFN5		Current use cigars, etc.	
Skip_CIG_QTN5		If CIG_OFT (current use cigarettes) = 1 (Daily), 2 (Weekly), 3 (Monthly), or 4 (Less than monthly) or if CIGARFN5 (current use cigars, etc.) = 1 (every day), 2 (some days), or 3 (rarely), then go to Intro_CIG_QTN5. Else, skip to Intro_CIGELCN5.	
Intro_CIG_QTN5		"The next questions ask about quitting smoking. By smoking, I mean smoking cigarettes, cigars, cigarillos, or little filtered cigars."	
CIG_QTN5	US.3.0.	During the **past 12 months**, have you stopped smoking for one day or longer because you were trying to quit?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_CIG_QTN5		Stopped smoking one day or longer	
CIG_DQN5	US.4.0.	During the **past 12 months**, has a doctor, nurse, or other healthcare professional advised you to quit smoking?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_CIG_DQN5		Doctor advised to quit smoking	
Intro_CIGELCN5		"The next set of questions is about electronic cigarettes. Electronic cigarettes, or e-cigarettes, are battery-operated devices that simulate smoking a cigarette, but don't involve the burning of tobacco. The heated vapor produced by an e-cigarette often contains nicotine."	
CIGELCN5	US.5.0.	Have you **ever** used an e-cigarette, even just one time in your entire life?	
		No	0
		Yes	1
		Refused to answer	7

		Don't know	8
Label_CIGELCN5		Ever used electronic cigarettes	
Skip_CIGELCN5		If CIGELCN5 (ever used electronic cigarettes) is 0 (no), 7 (refused to answer), or 8 (don't know), then skip to next topic (Intro_ANID12_9).	
CIGELFN5	US.5.1.	Have you used e-cigarettes during the **past 30 days**?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_CIGELFN5		Used electronic cigarettes past 30 days	

Non-injection drug use (UN)

Intro_ANID12_9		**"**Now I'm going to ask you about times when you may have used drugs, but didn't inject them. This includes times when you may have smoked, snorted, inhaled or ingested drugs like marijuana, methamphetamine, cocaine, crack, or certain prescription drugs. I will refer to these as non-injection drugs."	
ANID12_9	UN.1.0.	During the **past 12 months**, did you use any non-injection drugs?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_ANID12_9		Used non-injection drugs in past 12 mos	
Skip_ANID12_9		If ANID12_9 (used non-injection drugs in past 12 mos) is 1 (yes), then go to Intro_MARIJU_9 (used marijuana); else skip to next topic (Intro_EVRINJN5, ever injected drugs).	
Intro_MARIJU_9		"I'm going to read you a list of non-injection 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 G for these questions."	
Interviewer_note_MARIJU_9		**Interviewer instructions**: If the respondent's drug use was sporadic during the past 12 months, ask the respondent to choose the response option that best characterizes his or her use. When asking about the respondent's drug use before or during sex, remind the respondent that sex is defined as vaginal sex (penis in the vagina) or anal sex (penis in the anus). If the respondent is a woman who had sex with both men and women, remind her that these questions refer to vaginal or anal sex with her male partners only.	
MARIJU_9	UN.1.1.	During the **past 12 months**, how often did you use marijuana? [USE RESPONSE CARD G. SELECT ONLY ONE.]	
		Daily	1
		Weekly	2
		Monthly	3

		Less than monthly 4 Never 5 Refused to answer 7 Don't know 8
Label_MARIJU_9		Used marijuana
Skip_MARIJU_9		If MARIJU_9 (used marijuana) is 1, 2, 3, 4 (Daily, Weekly, Monthly, Less than monthly) and [SX_TOTN4 (total number of sex partners) ≥1], then go to MARI_SN5 (used marijuana before sex); else skip to CRACK1_9 (used crack).
MARI_SN5	UN.1.2.	Did you use marijuana **before or during sex**? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_MARI_SN5		Used marijuana before sex
CRACK1_9	UN.2.0.	During the **past 12 months**, how often did you use crack? [USE RESPONSE CARD G. SELECT ONLY ONE.] Daily 1 Weekly 2 Monthly 3 Less than monthly 4 Never 5 Refused to answer 7 Don't know 8
Label_CRACK1_9		Used crack
Skip_CRACK1_9		If CRACK1_9 (used crack) is 1, 2, 3, 4 (Daily, Weekly, Monthly, Less than monthly) and [SX_TOTN4 (total number of sex partners) ≥1], then go to CRACKSN5 (used crack before sex); else skip to COCSMO_9 (used cocaine).
CRACKSN5	UN.2.1.	Did you use crack **before or during sex**? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_CRACKSN5		Used crack before sex
COCSMO_9	UN.3.0.	During the **past 12 months**, how often did you use cocaine that is smoked or snorted? [USE RESPONSE CARD G. SELECT ONLY ONE.] Daily 1 Weekly 2 Monthly 3 Less than monthly 4 Never 5 Refused to answer 7

		Don't know 8
Label_COCSMO_9		Used cocaine
Skip_COCSMO_9		If COCSMO_9 (used cocaine) is 1, 2, 3, 4 (Daily, Weekly, Monthly, Less than monthly) and [SX_TOTN4 (total number of sex partners) ≥1], then go to COC_SN5 (Cocaine before or during sex); else skip to METHN5 (used methamphetamines).
COC_SN5	UN.3.1.	Did you use cocaine **before or during sex**? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_COC_SN5		Cocaine before or during sex
METHN5	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 G. SELECT ONLY ONE.] Daily 1 Weekly 2 Monthly 3 Less than monthly 4 Never 5 Refused to answer 7 Don't know 8
Label_METHN5		Used methamphetamines
Skip_METHN5		If METHN5 (used methamphetamines) is 1, 2, 3, 4 (Daily, Weekly, Monthly, Less than monthly) and [SX_TOTN4 (total number of sex partners) ≥1], then go to METH_SN5 (used methamphetamines before sex); else skip to AMPHEN5 (used amphetamines).
METH_SN5	UN.4.1.	Did you use methamphetamines **before or during sex**? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_METH_SN5		Used methamphetamines before sex
AMPHEN5	UN.5.0.	During the **past 12 months**, how often did you use amphetamines, such as speed, bennies, or uppers? [USE RESPONSE CARD G. SELECT ONLY ONE.] Daily 1 Weekly 2 Monthly 3 Less than monthly 4 Never 5 Refused to answer 7 Don't know 8

Label_AMPHEN5		Used amphetamines	
Skip_AMPHEN5		If AMPHEN5 (used amphetamines) is 1,2,3,4 (Daily, Weekly, Monthly, Less than monthly) and [SX_TOTN4 (total number of sex partners) ≥1], then go to AMPH_SN5 (used amphetamines before sex); else skip to CLUBN5 (used club drugs).	
AMPH_SN5	UN.5.1.	Did you use amphetamines **before or during sex**?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_AMPH_SN5		Used amphetamines before sex	
CLUBN5	UN.6.0.	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 G. SELECT ONLY ONE.]	
		Daily	1
		Weekly	2
		Monthly	3
		Less than monthly	4
		Never	5
		Refused to answer	7
		Don't know	8
Label_CLUBN5		Used club drugs	
Skip_CLUBN5		If CLUBN5 (used club drugs) is 1, 2, 3, 4 (Daily, Weekly, Monthly, Less than monthly) and [SX_TOTN4 (total number of sex partners) ≥1], then go to CLUB_SN5 (used club drugs before sex); else skip to POPPER_9 (used poppers).	
CLUB_SN5	UN.6.1.	Did you use any club drugs **before or during sex**?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_CLUB_SN5		Used club drugs before sex	
POPPER_9	UN.7.0.	During the **past 12 months**, how often did you use poppers, also called amyl nitrite? [USE RESPONSE CARD G. SELECT ONLY ONE.]	
		Daily	1
		Weekly	2
		Monthly	3
		Less than monthly	4
		Never	5
		Refused to answer	7
		Don't know	8
Label_POPPER_9		Used poppers	

Skip_POPPER_9		If POPPER_9 (used poppers) is 1, 2, 3, 4 (Daily, Weekly, Monthly, Less than monthly) and [SX_TOTN4 (total number of sex partners) ≥1], then go to POPP_SN5 (used poppers before sex); else skip to Intro_PAINKN5.
POPP_SN5	UN.7.1.	Did you use poppers **before or during sex**? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_POPP_SN5		Used poppers before sex
Intro_PAINKN5		"The next few questions are about medications that require a prescription. I'll first ask you about prescription pain relievers."
PAINKN5	UN.8.0.	During the **past 12 months**, how often did you take a prescription pain reliever, such as oxycodone, hydrocodone, Percocet, or Vicodin that was not prescribed to you, or was prescribed to you but you took more than directed? [USE RESPONSE CARD G. SELECT ONLY ONE.] Daily 1 Weekly 2 Monthly 3 Less than monthly 4 Never 5 Refused to answer 7 Don't know 8
Label_PAINKN5		Used painkillers
Skip_PAINKN5		If PAINKN5 (used painkillers) is 1, 2, 3, 4 (Daily, Weekly, Monthly, Less than monthly) and [SX_TOTN4 (total number of sex partners) ≥1], then go to PAIN_SN5 (used painkillers before sex); else skip to TRANQN5 (used tranquilizers).
PAIN_SN5	UN.8.1.	Did you use painkillers **before or during sex**? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PAIN_SN5		Used painkillers before sex
TRANQN5	UN.9.0.	During the **past 12 months**, how often did you take a prescription tranquilizer, such as Valium, Ativan, Xanax, downers, or nerve pills, that was not prescribed to you, or was prescribed to you but you took more than directed? [USE RESPONSE CARD G. SELECT ONLY ONE.] Daily 1 Weekly 2 Monthly 3 Less than monthly 4 Never 5

		Refused to answer	7
		Don't know	8
Label_TRANQN5		Used tranquilizers	
Skip_TRANQN5		If TRANQN5 (used tranquilizers) is 1, 2, 3, 4 (Daily, Weekly, Monthly, Less than monthly) and [SX_TOTN4 (total number of sex partners) ≥1], then go to TRAQ_SN5 (used tranquilizers before sex); else skip to Skip_TRAQ_SN5.	
TRAQ_SN5	UN.9.1.	Did you use tranquilizers **before or during sex**?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_TRAQ_SN5		Used tranquilizers before sex	
Skip_TRAQ_SN5		If SX_GEN (sex gender) = 1 (Male) and SX_TOTN4 (total number of sex partners) ≥1, then go to EDMD_SN5 (Used erectile dysfunction drugs); else Skip to next topic (Intro_EVRINJN5).	
EDMD_SN5	UN.10.0.	During the **past 12 months,** did you use erectile dysfunction drugs, such as Viagra, Levitra, or Cialis?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_EDMD_SN5		Used erectile dysfunction drugs	
Hard_edit_ANID12_9		If ANID12_9 (used non-injection drugs) is 1 (yes) and [MARIJU_9, CRACK1_9, COCSMO_9, METHN5, AMPHEN5, CLUBN5, POPPER_9, PAINKN5, and TRANQN5] are all 5 (never) and EDMD_SN5=0 (no) or skipped, then READ, "You said that you used non-injection drugs during the past 12 months. Please tell me the name of the drug you used during the past 12 months." Return to Intro_MARIJU_9.	

Injection drug use (UI)

Intro_EVRINJN5		"The next questions are about injection drug use. This means injecting drugs yourself or having someone else inject you."	
EVRINJN5	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.	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_EVRINJN5		Ever used injection drugs	
Skip_EVRINJN5		If EVRINJN5 (ever used injection drugs) is 1 (yes), then go to INJECTN5	

		(used injection drugs past 12 months); else skip to next topic (Calculation_ENDRUGN5, End of alcohol, smoking, and drug use).
INJECTN5	UI.1.1.	During the **past 12 months**, have you shot up or injected any drugs that weren't used for medical purposes? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_INJECTN5		Used injection drugs past 12 months
Skip_INJECTN5		If INJECTN5 (used injection drugs past 12 months) is 1 (yes) then go to Intro_COCINJN5; else skip to next topic (Calculation_ENDRUGN5, End of alcohol, smoking, and drug use).
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 G for these questions."
Interviewer_note _COCINJN5		**Interviewer instructions**: If the respondent's drug use was sporadic during the past 12 months, ask the respondent to choose the response option that best characterizes his or her use.
COCINJN5	UI.2.0.	During the **past 12 months**, how often did you inject powder cocaine? [USE RESPONSE CARD G. SELECT ONLY ONE.] Daily 1 Weekly 2 Monthly 3 Less than monthly 4 Never 5 Refused to answer 7 Don't know 8
Label_COCINJN5		Injected powder cocaine
HERINJN5	UI.3.0.	During the **past 12 months**, how often did you inject heroin? [USE RESPONSE CARD G. SELECT ONLY ONE.] Daily 1 Weekly 2 Monthly 3 Less than monthly 4 Never 5 Refused to answer 7 Don't know 8
Label_HERINJN5		Injected heroin
SPDBALN5	UI.4.0.	During the **past 12 months**, how often did you inject heroin and cocaine together, also called speedballs? [USE RESPONSE CARD G. SELECT ONLY ONE.]

		Daily	1
		Weekly	2
		Monthly	3
		Less than monthly	4
		Never	5
		Refused to answer	7
		Don't know	8
Label_SPDBALN5		Injected speedballs	
METINJN5	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 G. SELECT ONLY ONE.]	
		Daily	1
		Weekly	2
		Monthly	3
		Less than monthly	4
		Never	5
		Refused to answer	7
		Don't know	8
Label_METINJN5		Injected methamphetamines	
AMPINJN5	UI.6.0.	During the **past 12 months**, how often did you inject amphetamines, such as speed, bennies, or uppers? [USE RESPONSE CARD G. SELECT ONLY ONE.]	
		Daily	1
		Weekly	2
		Monthly	3
		Less than monthly	4
		Never	5
		Refused to answer	7
		Don't know	8
Label_AMPINJN5		Injected amphetamines	
PKINJN5	UI.7.0	During the **past 12 months**, how often did you inject painkillers, such as Oxycontin, oxycodone, or hydrocodone? [USE RESPONSE CARD G. SELECT ONLY ONE.]	
		Daily	1
		Weekly	2
		Monthly	3
		Less than monthly	4
		Never	5
		Refused to answer	7
		Don't know	8
Label_PKINJN5		Injected painkillers	
Soft_edit_INJECT		If INJECTN5 (used injection drugs past 12 months) is 1 (yes) and	

N5		[COCINJN5, HERINJN5, SPDBALN5, METINJN5, AMPINJN5, or PKINJN5] are all 5 (Never), then READ, "The respondent said that he/she 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.
Skip_INJSEXN5		If COCINJN5, HERINJN5, SPDBALN5, METINJN5, AMPINJN5 or PKINJN5 is 1, 2, 3, or 4 (daily, weekly, monthly, less than monthly), AND [SX_TOTN4 (total number of sex partners ≥ 1], then go to INJSEXN5 (injected any drug before sex); else go to Intro_SHRNDLN5.
INJSEXN5	UI.8.0.	During the **past 12 months**, did you inject drugs before or during sex? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_INJSEXN5		Injected any drug before sex
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."
SHRNDLN5	UI.9.0.	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SHRNDLN5		Shared needles
Skip_SHRNDLN5		If SHRNDLN5 (shared needles) is 1 (yes), then go to SHRNUMN5 (number of people who shared needles with); else skip to SHR_WRKS (shared injection works).
SHRNUMN5	UI.9.1.	During the **past 12 months**, how many different people used the same needle after you used it to either inject drugs or divide drugs? — — — Refused to answer 777 Don't know 888
Label_SHRNUMN5		Number of people who shared needles with
Range_SHRNUMN5		1-300
Skip_SHR1SXN5		If SHRNUMN5 (number of people who shared needles with) = 0, 777 (refused to answer), or 888 (don't know), then skip to SHR_WRKS (shared injection works); if SHRNUMN5 (number of people who shared needles with) = 1 AND SX_TOTN4 (total number of sex partners) ≥1, then go to SHR1SXN5 (had sex with shared needle partner); if SHRNUMN5 (number of people who shared needles with) > 1 AND SX_TOTN4 (total

		number of sex partners) ≥1, then skip to SHRSEXN5 (number of needle partners had sex with). Else, go to Skip_SHR1PON5.
SHR1SXN5	UI.9.2.	During the **past 12 months**, did you also have sex with this person who used the same needle <u>after</u> you? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SHR1SXN5		Had sex with shared needle partner
Skip2_SHR1SXN5		For all responses, skip to Skip_SHR1PON5 (needle partner was HIV positive).
SHRSEXN5	UI.9.3.	During the **past 12 months**, with how many of these [INSERT SHRNUMN5 (number of people who shared needles with)] people did you also have sex? __ __ __ Refused to answer 777 Don't know 888
Label_SHRSEXN5 Range_SHRSEXN5 Hard_edit_SHRSEXN5		Number of needle partners had sex with 0-300 SHRSEXN5 (Number of needle partners had sex with) cannot be greater than the number provided in SHRNUMN5 (Number of people who shared needles with). If SHRSEXN5 (Number of needle partners had sex with) > SHRNUMN5 (Number of people who shared needles with), then read this statement: "The number cannot be greater than total number of people who you shared needles with." Do not allow program to advance.
Skip_SHR1PON5		If SHRNUMN5 (number of people who shared needle with) = 1, then go to SHR1PON5 (needle partner was HIV positive); if SHRNUMN5 (number of people who shared needle with) >1, then skip to SHRPOSN5 (# of HIV positive needle partners).
SHR1PON5	UI.9.4.	During the **past 12 months**, was this person who used the same needle <u>after</u> you HIV positive? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SHR1PON5		Needle partner was HIV positive
Skip2_SHR1PON5		For all responses, skip to SHR_WRKS (shared injection works).
SHRPOSN5	UI.9.5.	During the **past 12 months**, how many of these [INSERT SHRNUMN5 (number of people who shared needles with)] people were HIV positive? __ __ __ Refused to answer 777 Don't know 888
Label_SHRPOSN5		# of HIV positive needle partners

Range_SHRPOSN5		1-300
Hard_edit_SHRPOSN5		SHRPOSN5 (# of HIV positive needle partners) cannot be greater than the number provided in SHRNUMN5 (Number of people who shared needles with). If SHRPOSN5 (# of HIV positive needle partners)> SHRNUMN5 (Number of people who shared needles with), then read this statement: "The number cannot be greater than total number of people who you shared needles with." Do not allow program to advance.
SHR_WRKS	UI.10.0.	When you injected during the **past 12 months**, did someone use the same cookers, cotton, or rinse water <u>after</u> you used it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SHR_WRKS		Shared injection works
Intro_GETNDAN5		"During the **past 12 months** when you injected, did you get your needles at any of the following places:"
GETNDAN5	UI.11.1.	A needle exchange program? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_GETNDAN5		Get needles at needle exchange
GETNDBN5	UI.11.2.	A pharmacy or drug store? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_GETNDBN5		Get needles at pharmacy
GETNDCN5	UI.11.3.	A doctor's office, clinic, or hospital? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_GETNDCN5		Get needles Dr. office, clinic, hospital
GETNDDN5	UI.11.4.	A friend, relative, or sex partner? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_GETNDDN5		A friend, relative, or sex partner

GETNDEN5	UI.11.5.	A needle or drug dealer, shooting gallery, or off the street?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_GETNDEN5		Get needle dealer, shooting gallery, st.	

Intro_USENDBN5	"During the **past 12 months** after you injected, what did you do with the used needles:"

USENDBN5	UI.12.1.	Threw it away, for example in the trash, on the street, or in a container that is not a medical waste disposal container?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_USENDBN5		Put in trash, street, other container	

USENDCN5	UI.12.2.	Kept it to re-use it?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_USENDCN5		Kept it to re-use	

USENDDN5	UI.12.3.	Gave it or sold it to someone else to use it?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_USENDDN5		Gave or sold to someone else	

USENDAN5	UI.12.4.	Put it in a medical waste disposal container – a Red Box?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_USENDAN5		Put in a red box	

USENDEN5	UI.12.5.	Took it to a needle exchange program?	
		No	0
		Yes	1
		Refused to answer	7

		Don't know	8
Label_USENDEN5		Took to needle exchange	
DRUGTXN5	UI.13.0.	During the **past 12 months**, were you enrolled in an opiate replacement program such as a methadone clinic?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DRUGTXN5		Enrolled in opiate replacement program	
Calculation_ENDRUGN5		ENDRUGN5 = Current time	
Label_ENDRUGN5		End of alcohol, smoking, and drug use	
Calculation_TLDRUGN5		Calculate elapsed time between STDRUGN5 and ENDRUGN5 = TLDRUGN5	
Label_TLDRUGN5		Total time for alcohol, smoking, and drug use	

Acquisition risk behaviors (B)

Calculation_ST_ACQN5	ST_ACQN5 = Current time.
Label_ST_ACQN5	Start time of acquisition risk behaviors

Core acquisition risk questions (BC)

QDS_Programming_ST_ACQN5		The intent of this section is to classify people by HIV acquisition risk behaviors into "transmission categories." This calculation will be performed in SAS in post-processing, and does not need to be addressed in QDS programming. Notes on transmission category are for information only and don't affect QDS programming.
Intro_5_IPERINN3		"Next I'd like to ask you some questions about how you might have gotten HIV. Some questions may ask you to remember things that happened a long time ago or ask for information about your past partners' behaviors."
IPERINN3	BC.1.0.	Were you born with HIV? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_IPERINN3		Were you born with HIV?
QDS_programming_IPERINN3		For your information only, if IPERINN3 = 1 (yes), then transmission category is perinatal.
Calculation_AGEDX		Create a calculated variable for age at HIV diagnosis called AGEDX and = POS1S_9 -DOB_13. If POS1S_9 is missing month or completely missing then the month of June should be imputed in the calculation of AGEDX. If POS1S_9 is 7 (refused) or 8 (don't know), then go to Skip1_PERINN3.
Label_AGEDX		Age at HIV diagnosis
Soft_edit_AGEDX		If IPERINN3 (Were you born with HIV?) =1 (yes) and AGEDX ≥ 13 years, then READ: "This person's calculated age at diagnosis was [INSERT AGEDX] years old, but you indicated that the person was born with HIV. Please verify the response." Allow the program to advance.
Skip1_IPERINN3		If IPERINN3 (Were you born with HIV?) = 1 (yes), then skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, go to Skip2_IPERINN3.
Skip2_IPERINN3		If DOB_13 (date of birth) < 1977, then go to Intro1_IIDUN3_5. Else, skip to Intro2_IIDUN3_5.
Intro1_IIDUN3_5		"Now I'm going to ask you about things you did between 1977—around when HIV was recognized in the United States—and when you tested positive for HIV on [INSERT

		POS1S_9 (date of first positive test)]."
QDS_programming_Intro1_IIDUN3_5		If POS1S_9 (date from first positive HIV test) is 77/7777 (refused to answer) or 88/8888 (don't know) or has an unknown month value, then Intro1_IIDUN3_5 should read as follows: "Now I'm going to ask you about things you did between 1977—around when HIV was recognized in the United States—and when you tested positive for HIV."
Skip_Intro1_IIDUN3_5		Skip to Skip1_IIDUN3_5.
Intro2_IIDUN3_5		"Now I'm going to ask you about things you did before you tested positive for HIV on [INSERT POS1S_9 (date of first positive test)]."
QDS_programming_ Intro2_IIDUN3_5		If POS1S_9 (date from first positive HIV test) is 77/7777 (refused to answer) or 88/8888 (don't know) or has an unknown month value, then Intro2_IIDUN3_5 should read as follows: "Now I'm going to ask you about things you did before you tested positive for HIV."
Skip1_IIDUN3_5		If EVRINJN5 (ever used injection drugs) is 1 (yes), then person may have injected drugs prior to HIV diagnosis; go to IIDUN3_5 (before HIV+, ever use needles to inject). Else, if BIRTGEN (gender at birth) is 3 (intersex/ambiguous), 8 (don't know) or 7 (refused to answer) and DOB_13 (date of birth) is later than March 1985, then none of the other acquisition risk questions apply and person has no identified risk. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, skip to ISEXMA_5 (Before HIV+, ever have sex with male).
IIDUN3_5	BC.2.0.	Before you first tested positive for HIV, did you ever use needles to inject heroin, cocaine, steroids, or any other drug that was not prescribed by a doctor? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_IIDUN3_5		Before HIV+, ever use needles to inject
Skip2_IIDUN3_5		If BIRTGEN (gender at birth) is 2 (female), 3 (intersex/ambiguous), 8 (don't know) or 7 (refused to answer) and IIDUN3_5 is 1 (yes), then transmission category is IDU. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, if BIRTGEN (gender at birth) is 1 (male) and MSMEVRN5 is 0 (no) and IIDUN3_5 is 1 (yes), then transmission category is IDU. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, if BIRTGEN (gender at birth) is 1 (male) and

		MSMEVRN5 is 0 (no), skip to Intro_ICLOTN3. Else, if BIRTGEN (gender at birth) is 1 (male) or BIRTGEN (gender at birth) is 2 (female), then go to ISEXMA_5 (before HIV+, ever have sex with male). Else, if DOB_13 (date of birth) is later than March 1985, then respondent has no identified risk. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk).
ISEXMA_5	BC.3.0.	Before you first tested positive for HIV, did you ever have sex with a male? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_ISEXMA_5		Before HIV+, ever have sex with male
Skip_ISEXMA_5		If BIRTGEN (gender at birth) = 1 (male) and ISEXMA_5= 1 (yes), then transmission category is either MSM or MSM-IDU. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, if IIDUN3_5 = 1 (yes), then transmission category is IDU. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, if DOB_13 (Date of Birth) is later than March 1985 AND the person was female at birth (BIRTGEN=2) AND had sex with a man ISEXMA_5=1, then clotting factor question does not apply, but person could be heterosexual risk. Skip to IFSXHIN3 (Any male sex partners have HIV/AIDS). Else, if DOB_13 (date of Birth) is later than March 1985 AND the person was female at birth (BIRTGEN=2) and did not have sex with a man (ISEXMA_5 ≠ 1), then none of the other risk questions apply and person has no identified risk. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, if DOB_13 (date of Birth) is later than March 1985 AND the person was male at birth (BIRTGEN=1), then clotting factor question does not apply, but person could be heterosexual risk. Skip to ISEXFEN3 (Sex w/F before testing positive). Else, go to Intro_CLOTN3.
Intro_ICLOTN3		"People who have blood clotting problems, like hemophilia sometimes need to get treated with something to prevent bleeding called clotting factor."
ICLOTN3	BC.4.0.	Before you first tested positive for HIV, did you ever receive clotting factor? No 0 Yes 1 Refused to answer 7

		Don't know 8
Label_ICLOTN3		Before HIV+, ever rcv. clotting factor
Skip_ICLOTN3		If ICLOTN3 (before HIV+, ever rcv. clotting factor) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to Skip_ICLO85N3. Else, go to ICLO85N3 (receive clotting factor before 3/85).
ICLO85N3	BC.4.1.	Did you ever receive clotting factor before March, 1985? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_ICLO85N3		Receive clotting factor before 3/85
Skip_ICLO85N3		If ICLO85N3 (receive clotting factor before 3/85) = 1 (yes), then person's transmission risk category is other (adult receipt of clotting factor). Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, if the person was female at birth (BIRTGEN =2) and had sex with a man (ISEXMA_5=1), then person may be female heterosexual risk. Skip to IFSXHIN3 (any male sex partners have HIV/AIDS). Else, if the person was male at birth (BIRTGEN=1), then person may be male heterosexual risk. Go to ISEXFEN3 (sex w/F before testing positive). Else, if DOB_13 (date of birth) is later than March 1985, then none of the other risk questions apply and person is no identified risk. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, skip to Intro_ITRANN3.
ISEXFEN3	BC.5.0.	Before you first tested positive for HIV, did you have sex with a female? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_ISEXFEN3		Sex w/F before testing positive
Skip_ISEXFEN3		If ISEXFEN3 (sex w/F before testing positive) = 1 (yes), then person may have male heterosexual risk. Skip to IMSXHIN3 (any female partners have HIV/AIDS). Else, if DOB_13 (date of birth) is later than March 1985, then none of the other risk questions apply and person is no identified risk. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, skip to Intro_ITRANN3.

Female heterosexual series (BF)

IFSXHIN3	BF.1.0.	Before you first tested positive for HIV, did any of your male sex partners have HIV or AIDS?

		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
label_IFSXHIN3		Any male sex partners have HIV/AIDS	
Skip_IFSXHIN3		If IFSXHIN3 (any male sex partners have HIV/AIDS) = 1 (yes), then transmission category is heterosexual. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk).	
IFSXID_5	BF.2.0.	Before you first tested positive for HIV, did any of your male sex partners use needles to inject heroin, cocaine, steroids, or any other drug that was not prescribed by a doctor?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
label_IFSXID_5		Any male partners IDU	
Skip_IFSXID_5		If IFSXID_5 (any male partners IDU) = 1 (yes), then transmission category is heterosexual. If IFSXID_5 (any male partners IDU) = 1 (yes), then transmission category is heterosexual. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk).	
IFSXHE_5	BF.3.0.	Before you first tested positive for HIV, did any of your male sex partners have hemophilia or another blood clotting problem?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
label_IFSXHE_5		Any M partner w/ blood clotting problem	
Skip_IFSXHE_5		If IFSXHE_5 (any M partner w/ blood clotting problem) = 1 (yes), then transmission category is heterosexual. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk).	
IFSXBIN3	BF.4.0.	Before you first tested positive for HIV, did any of your male sex partners have sex with other men?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
label_IFSXBIN3		Any male partners MSM	
Skip_IFSXBIN3		If IFSXBIN3 (any male partners MSM) = 1 (yes), then transmission category is heterosexual. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else, if DOB_13 (date of birth) is later than March 1985, then none of the other risk questions apply and person has no identified risk. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk). Else skip to Intro_ITRANN3.	

Male heterosexual series (BM)

IMSXHIN3	BM.1.0.	Before you first tested positive for HIV, did any of your female sex partners have HIV or AIDS?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
label_IMSXHIN3		Any female partners have HIV/AIDS	
Skip_IMSXHIN3		If IMSXHIN3 (any female partners have HIV/AIDS) = 1 (yes), then transmission category is heterosexual. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk).	
IMSXIDN3	BM.2.0.	Before you first tested positive for HIV, did any of your female sex partners use needles to inject heroin, cocaine, steroids, or any other drug that was not prescribed by a doctor?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
label_IMSXIDN3		Any female partners IDU	
Skip_IMSXIDN3		If IMSXIDN3 (any female partners IDU) = 1 (yes), then transmission category is heterosexual. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk).	
IMSXHEN5	BM.3.0.	Before you first tested positive for HIV, did any of your female sex partners have hemophilia or another blood clotting problem?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
label_IMSXHEN5		Any F partner w/blood clotting problem	
Skip_IMSXHEN5		If IMSXHEN5 (any F partner w/blood clotting problem) = 1 (yes), then transmission category is heterosexual. Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk).	

Additional Acquisition Risk Questions for Persons Born Prior to March 1985 (BA)

Intro_ITRANN3		"The next question asks about whether you have ever had a transfusion of blood products. By this I mean something made from someone else's blood—such as blood, red blood cells, plasma, or platelets—that was given to you by IV."	
ITRANN3	BA.1.0.	Before you first tested positive for HIV, did you ever receive a transfusion of blood products besides clotting factor?	
		No	0
		Yes	1
		Refused to answer	7

		Don't know 8
label_ITRANN3		You ever receive blood transfusion
Skip_ITRANN3		If ITRANN3 (you ever receive blood transfusion) = 1 (yes), then go to ITRA85N3 (received blood transfusion before 3/85). Else, skip to ITRPLTN3 (ever rcvd. transplant or AI).
ITRA85N3	BA.1.1.	Did you ever receive a transfusion of blood products before March, 1985? No 0 Yes 1 Refused to answer 7 Don't know 8
label_ITRA85N3		Received blood transfusion before 3/85
Skip_ITRA85N3		If ITRA85N3 (received blood transfusion before 3/85) =1 (yes), then transmission category is other (transfusion). Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk).
ITRPLTN3	BA.2.0.	Before you first tested positive for HIV, did you receive an organ or tissue transplant or artificial insemination? No 0 Yes 1 Refused to answer 7 Don't know 8
label_ITRPLTN3		Ever rcvd. transplant or AI
Skip_ITRPLTN3		If ITRPLTN3 (ever rcvd. transplant or AI) = 1 (yes), then go to ITRP85N5 (rcvd. transplant or AI before 3/85). Else, skip to next topic (Calculation_EN_ACQN5, End of acquisition risk).
ITRP85N5	BA.2.1.	Did you receive an organ or tissue transplant or artificial insemination before March, 1985? No 0 Yes 1 Refused to answer 7 Don't know 8
label_ITRP85N5		Rcvd. transplant or AI before 3/85
Skip_ITRP85N5		If ITRP85N5 (rcvd. transplant or AI before 3/85) =1 (yes), then transmission category is other (transplant). Skip to next topic (Calculation_EN_ACQN5, End of acquisition risk).

Calculation_EN_ACQN5	EN_ACQN5 = Current time
Label_EN_ACQN5	End of acquisition risk
Calculation_TL_ACQN5	Calculate elapsed time between ST_ACQN5 and EN_ACQN5 = TL_ACQN5
Label_TLDRUGN5	Total time for acquisition risk

Met and unmet needs (N)

Calculation_STNEEDN5	STNEEDN5 = Current time
Label_STNEEDN5	Start time met and unmet needs

Services and assistance programs (ND)

HIV case management

Intro_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 then 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."
CSMNA_5	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_CSMNA_5		Get HIV case management services
Skip_CSMNA_5		If CSMNA_5 (get HIV case management services) is 0 (no), 7 (refused to answer), or 8 (don't know), go to CSMNB_5 (needed HIV case management services); else, skip to TKMDA_5 (adherence counseling).
CSMNB_5	ND.1.1.	During the **past 12 months**, have you needed HIV case management services? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_CSMNB_5		Needed HIV case management services
Skip_CSMNB_5		If CSMNA_5 (needed HIV case management services) is 1 (yes), go to Intro_CSMNC_5 (barrier-financial-HIV case management); else, skip to TKMDA_5 (Get help taking meds on time/correctly).
Intro_CSMNC_5		"Were you not able to get this service for any of the following reasons:"
CSMNC_5	ND.1.2.	...because you didn't have enough money or insurance? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_CSMNC_5		Barrier-financial-HIV case management

CSMNE_5	ND.1.3.	…because you couldn't find the information you needed to get the service or didn't know it existed?
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_CSMNE_5		Barrier-structural 1-HIV case management
CSMNF_5	ND.1.4.	…because the service didn't meet your needs or you weren't eligible for it?
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_CSMNF_5		Barrier-structural 2-HIV case management
CSMND_5	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?
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_CSMND_5		Barrier-personal-HIV case management

Adherence counseling

TKMDA_5	ND.2.0.	During the **past 12 months**, did you get professional help on how to take your HIV medicines on time or correctly?
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_TKMDA_5		Get help taking meds on time/correctly
Skip_TKMDA_5		If TKMDA_5 (get help taking meds on time/correctly) is 0 (no), 7 (refused to answer), or 8 (don't know), go to Skip1_TKMDB_5; else, skip to Skip_NEDADA_5 (needed ADAP).
Skip1_TKMDB_5		If CART_N5 (currently taking ART) = 1 (yes) or ATMD12_9 (took ART in past 12 months) = 1 (yes), then go to TKMDB_5 (Need help taking meds on time/correctly); else, skip to Skip_NEDADA_5.
TKMDB_5	ND.2.1.	During the **past 12 months**, have you needed professional help on how to take your HIV medicines on time or correctly?
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_TKMDB_5		Need help taking meds on time/correctly
Skip_TKMDB_5		If TKMDB_5 (need help taking meds on time/correctly) is 1 (yes), go to

		Intro_TKMDC_N5 (barrier-financial- help taking HIV meds); else, skip to Skip_NEDADA_5 (ADAP).
Intro_TKMDC_N5		"Were you not able to get this service for any of the following reasons:"
TKMDC_N5	ND.2.2.	...because you didn't have enough money or insurance? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TKMDC_N5		Barrier-financial- help taking HIV meds
TKMDE_N5	ND.2.3.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TKMDE_N5		Barrier-struct. 1- help taking HIV meds
TKMDF_N5	ND.2.4.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TKMDF_N5		Barrier-struct. 2- help taking HIV meds
TKMDD_N5	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TKMDD_N5		Barrier-personal-help taking HIV meds

ADAP

Skip_NEDADA_5		If KINDD_5 (insurance-Ryan White or ADAP) is 0 (no), go to NEDADA_5 (needed ADAP). Else, skip to Intro_PATNAVN5 (get patient navigation).
NEDADA_5	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? No 0 Yes 1 Refused to answer 7 Don't know 8

Label_NEDADA_5		Needed ADAP
Skip2_NEDADA_5		If NEDADA_5 (needed ADAP) is 1 (yes), go to Intro_ADAPC_N5 (barrier-structural 1—ADAP); else, skip to Intro_PATNAVN5 (patient navigation).
Intro_ADAPC_N5		"Were you not able to get this service for any of the following reasons:"
ADAPC_N5	ND.3.2.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_ADAPC_N5		Barrier-structural 1-- ADAP
ADAPD_N5	ND.3.3.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_ADAPD_N5		Barrier-structural 2-- ADAP
ADAPB_N5	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_ADAPB_N5		Barrier-personal- ADAP

Patient navigation

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."
PATNAVN5	ND.4.0.	During the **past 12 months**, did you get patient navigation services? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PATNAVN5		Get patient navigation services
Skip_PATNAVN5		If PATNAVN5 (get patient navigation services) is 0 (no), 7 (refused to answer), or 8 (don't know), go to PATNABN5 (needed patient navigation services); else, skip to GET_GRP (get peer group support).
PATNABN5	ND.4.1.	During the **past 12 months**, have you needed patient navigation services?

		No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PATNABN5		Needed patient navigation services
Skip_PATNABN5		If PATNABN5 (needed patient navigation services) is 1 (yes), go to Intro_PATNACN5 (barrier-financial-patient navigation); else, skip to GET_GRP (get peer group support).
Intro_PATNACN5		"Were you not able to get this service for any of the following reasons:"
PATNACN5	ND.4.2.	...because you didn't have enough money or insurance? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PATNACN5		Barrier-financial-patient navigation
PATNAEN5	ND.4.3.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PATNAEN5		Barrier-structural 1-patient navigation
PATNAFN5	ND.4.4.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PATNAFN5		Barrier-structural 2-patient navigation
PATNADN5	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PATNADN5		Barrier-personal-patient navigation

Peer group support

GET_GRP	ND.5.0.	During the **past 12 months**, did you get HIV peer group support? No 0 Yes 1 Refused to answer 7

		Don't know	8
Label_GET_GRP		Get HIV peer group support	
Skip_GET_GRP		If GET_GRP (get HIV peer group support) is 0 (no), 7 (refused to answer), or 8 (don't know), go to NED_GRP (needed HIV peer group support); else, skip to DENS12_9 (get dental care).	
NED_GRP	ND.5.1.	During the **past 12 months**, have you needed HIV peer group support?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NED_GRP		Needed HIV peer group support	
Skip_NED_GRP		If NED_GRP (needed HIV peer group support) is 1 (yes), go to Intro_RSGRPCN5 (barrier-structural 1-HIV peer support); else, skip to DENS12_9 (get dental care).	
Intro_RSGRPCN5		"Were you not able to get this service for any of the following reasons:"	
RSGRPCN5	ND.5.2.	…because you couldn't find the information you needed to get the service or didn't know it existed?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_RSGRPCN5		Barrier-structural 1-HIV peer support	
RSGRPDN5	ND.5.3.	…because the service didn't meet your needs or you weren't eligible for it?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_RSGRPDN5		Barrier-structural 2-HIV peer support	
RSGRPBN5	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?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_RSGRPBN5		Barrier-personal- HIV peer group support	

Dental care

DENS12_9	ND.6.0.	During the **past 12 months**, did you get dental care?	
		No	0
		Yes	1
		Refused to answer	7

		Don't know	8
Label_DENS12_9		Get dental care	
Skip_DENS12_9		If DENS12_9 (get dental care) is 0 (no), 7 (refused to answer), or 8 (don't know), go to DENSER_9 (needed dental care); else, skip to GET_SUBU (get drug and alcohol).	
DENSER_9	ND.6.1.	During the **past 12 months**, have you needed dental care?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DENSER_9		Needed dental care	
Skip_DENSER_9		If DENSER_9 (needed dental care) is 1 (yes), go to Intro_DENSA_N5 (barrier-financial-dental care); else, skip to GET_SUBU (get drug and alcohol).	
Intro_DENSA_N5		"Were you not able to get this service for any of the following reasons:"	
DENSA_N5	ND.6.2.	...because you didn't have enough money or insurance?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DENSA_N5		Barrier-financial-dental care	
DENSC_N5	ND.6.3.	…because you couldn't find the information you needed to get the service or didn't know it existed?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DENSC_N5		Barrier-structural 1-- dental care	
DENSD_N5	ND.6.4.	…because the service didn't meet your needs or you weren't eligible for it?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DENSD_N5		Barrier-structural 2-- dental care	
DENSB_N5	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?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_DENSB_N5		Barrier-personal- dental care	

Drug and alcohol

GET_SUBU	ND.7.0.	During the **past 12 months**, did you get drug or alcohol counseling or treatment?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_GET_SUBU		Get drug/alcohol counseling or treatment	
Skip_GET_SUBU		If GET_SUBU (get drug/alcohol counseling or treatment) is 0 (no), 7 (refused to answer), or 8 (don't know), go to NED_SUBU (Need drug/alcohol counsel or treatment); else, skip to MENTA_5 (get mental health).	
NED_SUBU	ND.7.1.	During the **past 12 months**, have you needed drug or alcohol counseling or treatment?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_NED_SUBU		Need drug/alcohol counsel or treatment	
Skip_NED_SUBU		If NED_SUBU (Need drug/alcohol counsel or treatment) is 1 (yes), go to Intro_SUBUA_N5 (Barrier-financial-drug/alcohol TX); else, skip to MENTA_5 (get mental health).	
Intro_SUBUA_N5		"Were you not able to get this service for any of the following reasons:"	
SUBUA_N5	ND.7.2.	...because you didn't have enough money or insurance?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_SUBUA_N5		Barrier-financial-drug/alcohol TX	
SUBUB_N5	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?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_SUBUB_N5		Barrier-personal-drug/alcohol TX	
SUBUC_N5	ND.7.4.	…because you couldn't find the information you needed to get the service or didn't know it existed?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8

Label_SUBUC_N5		Barrier-structural 1-drug/alcohol TX
SUBUD_N5	ND.7.5.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SUBUD_N5		Barrier-structural 2-drug/alcohol TX

Mental health

MENTA_5	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_MENTA_5		Get mental health counsel or treatment
Skip_MENTA_5		If MENTA_5 (get mental health counsel or treatment) is 0 (no), 7 (refused to answer), or 8 (don't know), go to MENTB_5 (need mental health counsel or treatment); else, skip to TRAS12_9 (get transportation).
MENTB_5	ND.8.1.	During the **past 12 months**, have you needed to see or talk to a mental health professional about your health? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_MENTB_5		Need mental health counsel or treatment
Skip_MENTB_5		If MENTB_5 (need mental health counsel or treatment) is 1 (yes), go to Intro_MENTC_5 (barrier-financial-mental health TX); else, skip to TRAS12_9 (get transportation).
Intro_MENTC_5		"Were you not able to get this service for any of the following reasons:"
MENTC_5	ND.8.2.	...because you didn't have enough money or insurance? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_MENTC_5		Barrier-financial-mental health TX
MENTE_5	ND.8.3.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0 Yes 1

		Refused to answer 7 Don't know 8
Label_MENTE_5		Barrier-structural 1-mental health TX
MENTF_5	ND.8.4.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_MENTF_5		Barrier-structural 2-mental health TX
MENTD_5	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_MENTD_5		Barrier-personal-mental health TX

Transportation

TRAS12_9	ND.9.0.	During the **past 12 months**, did you get transportation assistance? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TRAS12_9		Get transportation assistance
Skip_TRAS12_9		If TRAS12_9 (get transportation assistance) is 0 (no), 7 (refused to answer), or 8 (don't know), go to TRASAS_9 (needed transportation assistance); else, skip to SHLTA_5.
TRASAS_9	ND.9.1.	During the **past 12 months**, have you needed transportation assistance? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TRASAS_9		Needed transportation assistance
Skip_TRASAS_9		If TRASAS_9 is 1 (yes), go to Intro_TRANC_N5 (barrier-structural 1-transportation); else, skip to SHLTA_5 (get shelter or housing services).
Intro_TRANC_N5		"Were you not able to get this service for any of the following reasons:"
TRANC_N5	ND.9.2.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0 Yes 1 Refused to answer 7

		Don't know 8
Label_TRANC_N5		Barrier-structural 1-transportation
TRAND_N5	ND.9.3.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TRAND_N5		Barrier-structural 2-transportation
TRANB_N5	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TRANB_N5		Barrier-personal-transportation

Shelter or housing

SHLTA_5	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SHLTA_5		Get shelter or housing services
Skip_SHLTA_5		If SHLTA_5 (get shelter or housing services) is 0 (no), 7 (refused to answer), or 8 (don't know), go to SHLTB_5 (needed shelter or housing services); else, skip to SSIA_N5 (get SSI).
SHLTB_5	ND.10.1.	During the **past 12 months**, have you needed shelter or housing services? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SHLTB_5		Needed shelter or housing services
Skip_SHLTB_5		If SHLTB_5 (needed shelter or housing services) is 1 (yes), go to Intro_SHLTC_N5 (barrier-structural 1-shelter/hous service); else, skip to SSIA_N5 (get SSI).
Intro_SHLTC_N5		"Were you not able to get this service for any of the following reasons:"
SHLTC_N5	ND.10.2.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0 Yes 1

		Refused to answer	7
		Don't know	8
Label_SHLTC_N5		Barrier-structural 1-shelter/hous servic	
SHLTD_N5	ND.10.3.	…because the service didn't meet your needs or you weren't eligible for it?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_SHLTD_N5		Barrier-structural 2-shelter/hous servic	
SHLTE_N5	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?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_SHLTB_N5		Barrier-personal-shelter or housing	

SSI

SSIA_N5	ND.11.0.	During the **past 12 months**, did you get Supplemental Security Income or SSI?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_SSIA_N5		Get SSI	
Skip_SSIA_N5		If SSIA_N5 (get SSI) is 0 (no), 7 (refused to answer), or 8 (don't know), go to SSIB_N5 (needed SSI); else, skip to SSDIA_N5.	
SSIB_N5	ND.11.1.	During the **past 12 months**, have you needed SSI?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_SSIB_N5		Needed SSI	
Skip_SSIB_N5		If SSIB_N5 is 1 (yes), go to Intro_SSIC_N5 (barrier-structural 1—SSI); else, skip to SSDIA_N5 (get SSDI).	
Intro_SSIC_N5		"Were you not able to get this service for any of the following reasons:"	
SSIC_N5	ND.11.2.	…because you couldn't find the information you needed to get the service or didn't know it existed?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8

Label_SSIC_N5		Barrier-structural 1--SSI
SSID_N5	ND.11.3.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SSID_N5		Barrier-structural 2-- SSID_N5
SSIE_N5	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SSIE_N5		Barrier-personal-SSI

SSDI

SSDIA_N5	ND.12.0.	During the **past 12 months**, did you get Social Security Disability Insurance or SSDI? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SSDIA_N5		Get SSDI
Skip_SSDIA_N5		If SSDIA_N5 (get SSDI) is 0 (no), 7 (refused to answer), or 8 (don't know), go to SSDIB_N5 (needed SSDI); else, skip to FOODA_N5.
SSDIB_N5	ND.12.1.	During the **past 12 months**, have you needed SSDI? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SSDIB_N5		Needed SSDI
Skip_SSDIB_N5		If SSDIB_N5 is 1 (yes), go to Intro_SSDIE_N5; else, skip to FOODA_N5 (get food assistance).
Intro_SSDIE_N5		"Were you not able to get this service for any of the following reasons:"
SSDIE_N5	ND.12.2.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SSDIE_N5		Barrier-structural 1--SSDI

SSDIF_N5	ND.12.3.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SSDIF_N5		Barrier-structural 2--SSDI
SSDID_N5	ND.12.4.	…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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_SSDID_N5		Barrier-personal-SSDI

Food assistance

FOODA_N5	ND.13.0.	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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_FOODA_N5		Get food assistance
Skip_FOODA_N5		If FOODA_N5 (get food assistance) is 0 (no), 7 (refused to answer), or 8 (don't know), go to FOODB_N5 (needed food assistance); else, skip to Intro_N5_MLSF12_9 (get meal or food services).
FOODB_N5	ND.13.1.	During the **past 12 months**, have you needed food assistance or food stamps? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_FOODB_N5		Needed food assistance
Skip_FOODB_N5		If FOODB_N5 (needed food assistance) is 1 (yes), go to Intro_FOODE_N5 (Barrier-structural 1—food assistance); else, skip to Intro_N5_MLSF12_9 (get meal or food services).
Intro_FOODE_N5		"Were you not able to get this service for any of the following reasons:"
FOODE_N5	ND.13.2.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0

		Yes	1
		Refused to answer	7
		Don't know	8
Label_FOODE_N5		Barrier-structural 1—food assistance	
FOODF_N5	ND.13.3.	…because the service didn't meet your needs or you weren't eligible for it?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_FOODF_N5		Barrier-structural 2—food assistance	
FOODD_N5	ND.13.4.	…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?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_FOODD_N5		Barrier-personal-food assistance	

Meal or food services

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."	
MLSF12_9	ND.14.0.	During the **past 12 months**, did you get meal or food services?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_MLSF12_9		Get meal or food services	
Skip_MLSF12_9		If MLSF12_9 (get meal or food services) is 0 (no), 7 (refused to answer), or 8 (don't know), go to MLSFOD_9 (needed meal or food services); else, skip to GET_DOMS (get domestic violence services).	
MLSFOD_9	ND.14.1.	During the **past 12 months**, have you needed meal or food services?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_MLSFOD_9		Needed meal or food services	
Skip_MLSFOD_9		If MLSFOD_9 is 1 (yes), go to Intro_MEALA_N5; else, skip to GET_DOMS (get domestic violence services).	
Intro_MEALA_N5		"Were you not able to get this service for any of the following reasons:"	

MEALA_N5	ND.14.2.	...because you didn't have enough money or insurance?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_MEALA_N5		Barrier-financial- meal or food services	
MEALC_N5	ND.14.3.	…because you couldn't find the information you needed to get the service or didn't know it existed?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_MEALC_N5		Barrier-structural 1-meal/food services	
MEALD_N5	ND.14.4.	…because the service didn't meet your needs or you weren't eligible for it?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_MEALD_N5		Barrier-structural 2-meal/food services	
MEALB_N5	ND.14.5.	…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?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_MEALB_N5		Barrier-personal- meal or food services	

Domestic violence

GET_DOMS	ND.15.0.	During the **past 12 months**, did you get domestic violence services?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_GET_DOMS		Get domestic violence services	
Skip_GET_DOMS		If GET_DOMS (get domestic violence services) is 0 (no), 7 (refused to answer), or 8 (don't know), go to NED_DOMS (needed domestic violence services); else, skip to Skip_N5_1GET_INTS.	
NED_DOMS	ND.15.1.	During the **past 12 months**, have you needed domestic violence services?	
		No	0
		Yes	1
		Refused to answer	7

		Don't know 8
Label_NED_DOMS		Needed domestic violence services
Skip_NED_DOMS		If NED_DOMS (needed domestic violence services) is 1 (yes), go to Intro_DOMSA_N5 (barrier-financial-domestic violence); else, Skip_N5_1GET_INTS.
Intro_DOMSA_N5		"Were you not able to get this service for any of the following reasons:"
DOMSA_N5	ND.15.2.	...because you didn't have enough money or insurance? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_DOMSA_N5		Barrier-financial-domestic violence
DOMSC_N5	ND.15.3.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_DOMSC_N5		Barrier-structural 1-domestic violence
DOMSD_N5	ND.15.4.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_DOMSD_N5		Barrier-structural 2-domestic violence
DOMSB_N5	ND.15.5.	…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? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_DOMSB_N5		Barrier-personal-domestic violence

Interpreter

Skip_N5_1GET_INTS		If LANWL1N3 (how well do you speak English?) = 1 (very well), then skip to GET_LAN3 (get a lawyer or legal services). Else, go to GET_INTS (get interpreter services).
GET_INTS	ND.16.0.	During the **past 12 months**, did you get interpreter services? No 0 Yes 1

		Refused to answer 7 Don't know 8
Label_GET_INTS		Get interpreter services
Skip_N5_2GET_INTS		If GET_INTS (get interpreter services) is 0 (no), 7 (refused to answer), or 8 (don't know), go to NED_INTS (needed interpreter services); else, skip to GET_LAN3 (get a lawyer or legal services).
NED_INTS	ND.16.1.	During the **past 12 months**, have you needed interpreter services? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NED_INTS		Needed interpreter services
Skip_NED_INTS		If NED_INTS (needed interpreter services) is 1 (yes), go to Intro_INTEA_N5 (barrier-financial-interpreter services); else, skip to GET_LAN3 (get a lawyer or legal services).
Intro_INTEA_N5		"Were you not able to get this service for any of the following reasons:"
INTEA_N5	ND.16.2.	...because you didn't have enough money or insurance? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_INTEA_N5		Barrier-financial-interpreter services
INTEC_N5	ND.16.3.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_INTEC_N5		Barrier-structural 1-interpreter
INTED_N5	ND.16.4.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_INTED_N5		Barrier-structural 2-interpreter
INTEB_N5	ND.16.5.	…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? No 0 Yes 1 Refused to answer 7 Don't know 8

Label_INTEB_N5		Barrier-personal- interpreter services.

Legal

GET_LAN3	ND.17.0.	During the **past 12 months**, did you get a lawyer or legal services? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_GET_LAN3		Get a lawyer or legal services
Skip_GET_LAN3		If GET_LAN3 (get a lawyer or legal services) is 0 (no), 7 (refused to answer), or 8 (don't know), go to NED_LAN3 (needed a lawyer or legal services); else, skip to Skip_DSSSIN5 (date received SSI).
NED_LAN3	ND.17.1.	During the **past 12 months**, have you needed a lawyer or legal services? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_NED_LAN3		Needed a lawyer or legal services
Skip_NED_LAN3		If NED_LAN3 is 1 (yes), go to Intro_LAWYA_N5 (barrier-structural 2-lawyer or legal); else, skip to Skip_DSSSIN5 (date received SSI).
Intro_LAWYA_N5		"Were you not able to get this service for any of the following reasons:"
LAWYA_N5	ND.17.2.	...because you didn't have enough money or insurance? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_LAWYA_N5		Barrier-financial-lawyer or legal
LAWYC_N5	ND.17.3.	…because you couldn't find the information you needed to get the service or didn't know it existed? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_LAWYC_N5		Barrier-structural 1-lawyer or legal
LAWYD_N5	ND.17.4.	…because the service didn't meet your needs or you weren't eligible for it? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_LAWYD_N5		Barrier-structural 2-lawyer or legal
LAWYB_N5	ND.17.5.	…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?	
	No	0
	Yes	1
	Refused to answer	7
	Don't know	8
Label_LAWYB_N5	Barrier-personal-lawyer or legal	

Other disability (NS)

Skip_DSSSIN5		If SSIA_N5 (get SSI) = 1 (yes), then go to DSSSIN5 (date received SSI); else, skip to Skip_DSSDIN5 (date received SSDI).
DSSSIN5	NS.1.0.	Earlier you told me that during the **past 12 months** you got Supplemental Security Income or SSI. When did you **first** get SSI? Please tell me the month and year. ____ ____ / ____ ____ ____ ____ M M / Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_DSSSIN5		Date received SSI
Hard_edit_DSSSIN5		DSSSIN5 (date received SSI) cannot be earlier than DOB_13 (date of birth) or later than IDATE (interview date). If DSSSIN5 (date received SSI) is earlier than DOB_13 (date of birth), then READ, "The date that the respondent received SSI cannot be earlier than the respondent's date of birth." Return to DSSSIN5 (date received SSI). If DSSSIN5 (date received SSI) is later than IDATE (interview date), then READ, "The date that the respondent received SSI cannot be later than today." Return to DSSSIN5 (date received SSI).
QDS_programming_DSSSIN5		Allow an unknown month value.
Skip_DSSDIN5		If SSDIA_N5 (Social Security Disability Insurance [SSDI]) = 1 (yes), then go to DSSDIN5 (date received SSDI); else skip to next topic (Calculation_ENNEEDN5, End of met and unmet needs).
DSSDIN5	NS.2.0.	Earlier you told me that during the **past 12 months** you got Social Security Disability Insurance or SSDI. When did you **first** get SSDI? Please tell me the month and year. ____ ____ / ____ ____ ____ ____ M M / Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_DSSDIN5		Date received SSDI
Hard_edit_DSSDIN5		DSSDIN5 (date received SSDI) cannot be earlier than DOB_13 (date of birth) or later than IDATE (interview date). If DSSDIN5 (date received SSDI) is earlier than DOB_13 (date of birth), then READ, "The date that the respondent received SSDI

	cannot be earlier than the respondent's date of birth." Return to DSSDIN5 (date received SSI). If DSSDIN5 (date received SSDI) is later than IDATE (interview date), then READ, "The date that the respondent received SSDI cannot be later than today." Return to DSSDIN5 (date received SSDI).
QDS_programming_DSSDIN5	Allow an unknown month value.

Calculation_ENNEEDN5	ENNEEDN5 = Current time
Label_ENNEEDN5	End of met and unmet needs
Calculation_TLNEEDN5	Calculate elapsed time between STNEEDN5 and ENNEEDN5 = TLNEEDN5
Label_TLNEEDN5	Total time for met and unmet needs

Stigma and discrimination (R)

Calculation_STSTIGN5	STSTIGN5 = Current time
Label_STSTIGN5	Start time stigma and discrimination

Stigma (RS)

Intro_STIGMAN5

"Next, I'd like to read you a few statements that some people living with HIV have said they sometimes feel. We're asking you these questions to better understand how often people living with HIV experience these negative feelings. These statements are not things that I or anyone in this project thinks about people with HIV. These statements may be uncomfortable for you to answer. Please remember that you don't have to answer any question you don't want to. For each statement that I read, please tell me how strongly you disagree or agree. We will use Response Card F for these questions."

STIGMAN5 RS.1.0. I have been hurt by how people reacted to learning I have HIV. [USE RESPONSE CARD. SELECT ONLY ONE.]

Strongly disagree	1
Somewhat disagree	2
Neutral	3
Somewhat agree	4
Strongly agree	5
Refused to answer	7
Don't know	8

Label_STIGMAN5 Hurt by people reacting to my HIV

STIGMBN5 RS.2.0. I have stopped socializing with some people because of their reactions to my HIV status. [USE RESPONSE CARD. SELECT ONLY ONE.]

Strongly disagree	1
Somewhat disagree	2
Neutral	3
Somewhat agree	4
Strongly agree	5
Refused to answer	7
Don't know	8

Label_STIGMBN5 No socialize w. some people b/c of HIV

STIGMCN5 RS.3.0. I have lost friends by telling them I have HIV. [USE RESPONSE CARD. SELECT ONLY ONE.]

Strongly disagree	1
Somewhat disagree	2
Neutral	3
Somewhat agree	4
Strongly agree	5
Refused to answer	7
Don't know	8

Label_STIGMCN5		Lost friends telling of my HIV
STIGMDN5	RS.4.0.	I am very careful who I tell that I have HIV. [USE RESPONSE CARD. SELECT ONLY ONE.]
		Strongly disagree 1
		Somewhat disagree 2
		Neutral 3
		Somewhat agree 4
		Strongly agree 5
		Refused to answer 7
		Don't know 8
Label_STIGMDN5		Careful who I tell I have HIV
STIGMEN5	RS.5.0.	I worry that people who know I have HIV will tell others. [USE RESPONSE CARD. SELECT ONLY ONE.]
		Strongly disagree 1
		Somewhat disagree 2
		Neutral 3
		Somewhat agree 4
		Strongly agree 5
		Refused to answer 7
		Don't know 8
Label_STIGMEN5		Worry people will tell others
STIGMFN5	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.]
		Strongly disagree 1
		Somewhat disagree 2
		Neutral 3
		Somewhat agree 4
		Strongly agree 5
		Refused to answer 7
		Don't know 8
Label_STIGMFN5		Not as good a person as others
STIGMGN5	RS.7.0.	Having HIV makes me feel unclean. [USE RESPONSE CARD. SELECT ONLY ONE.]
		Strongly disagree 1
		Somewhat disagree 2
		Neutral 3
		Somewhat agree 4
		Strongly agree 5
		Refused to answer 7
		Don't know 8
Label_STIGMGN5		Having HIV makes me feel unclean
STIGMHN5	RS.8.0.	Having HIV makes me feel that I'm a bad person. [USE RESPONSE CARD. SELECT ONLY ONE.]

		Strongly disagree	1
		Somewhat disagree	2
		Neutral	3
		Somewhat agree	4
		Strongly agree	5
		Refused to answer	7
		Don't know	8
Label_STIGMHN5		Feel I'm a bad person	
STIGMIN5	RS.9.0.	Most people think that a person with HIV is disgusting. [USE RESPONSE CARD. SELECT ONLY ONE.]	
		Strongly disagree	1
		Somewhat disagree	2
		Neutral	3
		Somewhat agree	4
		Strongly agree	5
		Refused to answer	7
		Don't know	8
Label_STIGMIN5		HIV is disgusting	
STIGMJN5	RS.10.0.	Most people with HIV are rejected when others find out. [USE RESPONSE CARD. SELECT ONLY ONE.]	
		Strongly disagree	1
		Somewhat disagree	2
		Neutral	3
		Somewhat agree	4
		Strongly agree	5
		Refused to answer	7
		Don't know	8
Label_STIGMJN5		Most people with HIV are rejected	

Discrimination (RD)

Intro_STIGMA2A		"People with HIV sometimes sense discrimination from healthcare providers in different ways. Has anyone in the healthcare system done any of the following to you **since testing positive for HIV**?"	
STIGMA2A	RD.1.0.	Exhibited hostility or a lack of respect toward you?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_STIGMA2A		Exhibited hostility or lack of respect	
STIGMA2B	RD.2.0.	Given you less attention than other patients?	
		No	0
		Yes	1
		Refused to answer	7

		Don't know	8
Label_STIGMA2B		Given you less attention	
STIGMA2C	RD.3.0.	Refused you service?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_STIGMA2C		Refused you service	
Skip_STIGMA2A, 2B, 2C		If STIGMA2A (exhibited hostility or lack of respect), STIGMA2B (given you less attention), or STIGMA2C (refused you service) are 1 (yes), then go to STIGMA3A (your HIV infection). Else, skip to next topic (Calculation_ENSTIGN5, End of stigma and discrimination).	
STIGMA3A	RD.4.0.	Did the discrimination occur because of your HIV infection?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_STIGMA3A		Your HIV infection	
STIGMA3B	RD.5.0.	Did the discrimination occur because of your gender?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_STIGMA3B		Your gender	
STIGMC_5	RD.6.0.	Did the discrimination occur because of your sexual orientation or sexual practices?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_STIGMC_5		Your sexual orientation and practices	
STIGMA3D	RD.7.0.	Did the discrimination occur because of your race or ethnicity?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_STIGMA3D		Your race or ethnicity	
Skip_STIGMA3E		If EVRINJN5 (ever used injection drugs) is 1 (yes), then go to STIGMA3E (your drug injecting habit). Else, skip to next topic (Calculation_ENSTIGN5, End of stigma and discrimination).	
STIGMA3E	RD.8.0.	Did the discrimination occur because of your drug injecting habit?	
		No	0

	Yes	1
	Refused to answer	7
	Don't know	8
Label_STIGMA3E	Your drug injecting habit	

Calculation_ENSTIGN5	ENSTIGN5 = Current time
Label_ENSTIGN5	End of stigma and discrimination
Calculation_TLSTIGN5	Calculate elapsed time between STSTIGN5 and ENSTIGN5 = TLSTIGN5
Label_TLSTIGN5	Total time for stigma and discrimination

Gynecological and reproductive history (G)

Skip_PLV_EX_9		If BIRTGEN (sex at birth) and GENDER (gender) = 2 (female), then go to Calculation_STOBGYN5 (start gynecological and reproductive history); else, skip to next topic (Calculation_ENOBGYN5, End of gynecological and reproductive history).
Calculation_STOBGYN5		STOBGYN5 = current time
Label_STOBGYN5		Start time gyn and reproductive history

Gynecological care (GH)

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."
PLV_EX_9	GH.1.0.	During the **past 12 months**, have you had a pelvic examination? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PLV_EX_9		Pelvic exam
PAP_EX_9	GH.2.0.	During the **past 12 months**, have you had a Pap smear? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PAP_EX_9		Pap smear

Contraception (GC)

Skip_BIRCOAN3		If SX_TMPN4 (number of male partners) is ≥ 1, then go to Intro1_BIRCOAN3; else, skip to PREG_9 (number of times pregnant).
Intro1_BIRCOAN3		"I'm going to read a list of ways that people prevent pregnancy. As I read each one, tell me if you've used it during the **past 12 months**. Answer "Yes" even if you've only used it once."
Intro2_BIRCOAN3	GC.1.0	"Have you used this method to prevent pregnancy during the **past 12 months**?"
BIRCOAN3	GC.1.1.	Male condom, also called a "rubber" No 0 Yes 1 Refused to answer 7 Don't know 8
Label_BIRCOAN3		Male condom, also called a "rubber"

BIRCOBN3	GC.1.2.	Female condom	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_BIRCOBN3		Female condom	
BIRCOCN3	GC.1.3.	Diaphragm, cervical cap, or cervical sponge	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_BIRCOCN3		Diaphragm, cervical cap	
BIRCODN3	GC.1.4.	Spermicidal foam or jelly	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_BIRCODN3		Spermicidal foam or jelly	
BIRCOEN3	GC.1.5.	Depo-Provera,® which is an injection	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_BIRCOEN3		Depo-Provera,® which is an injection	
BIRCOFN3	GC.1.6.	Hormonal implants such as Implanon® or Nexplanon®	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_BIRCOFN3		Hormonal implants-Implanon®/Nexplanon®	
BIRCOGN3	GC.1.7.	Birth control pills	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_BIRCOGN3		Birth control pills	
BIRCOHN3	GC.1.8.	Contraceptive patch, for example, Ortho Evra®	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8

Label_BIRCOHN3		Contraceptive patch Ortho Evra®
BIRCOIN3	GC.1.9.	Contraceptive ring, for example NuvaRing®
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_BIRCOIN3		Contraceptive ring-NuvaRing®
BIRCOJN3	GC.1.10.	Intrauterine device or IUD, which comes as a coil or loop, for example, Mirena® or Paraguard®
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_BIRCOJN3		IUD-Mirena® or Paraguard®
BIRCOKN3	GC.1.11	Emergency contraception or "morning after pill"
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_BIRCOKN3		Emergen contraception-morning after pill
BIRCOLN3	GC.1.12.	Withdrawal, also called "pulling out"
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_BIRCOLN3		Withdrawal, also called "pulling out"
BIRCOMN3	GC.1.13.	Abstinence, which is not having sex
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_BIRCOMN3		Abstinence, which is not having sex
BIRCONN3	GC.1.14.	Post-menopausal, meaning that you don't have periods anymore
		No 0
		Yes 1
		Refused to answer 7
		Don't know 8
Label_BIRCONN3		Post-menopausal
BIRCOON3	GC.1.15.	Tubal sterilization, which is having your "tubes tied," or a hysterectomy, which is having your uterus removed
		No 0

		Yes	1
		Refused to answer	7
		Don't know	8
Label_BIRCOON3		Tubal sterilization or hysterectomy	
BIRCOPN3	GC.1.16.	Partner's vasectomy	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_BIRCOPN3		Partner's vasectomy	

Reproductive history (GR)

Number of pregnancies

PREG_9	GR.1.0.	Since testing positive for HIV in __ __/__ __ __ __ [INSERT POS1S_9 (date first tested positive for HIV)], how many times have you been pregnant? ___ ___ ___ [777 = Refused to answer, 888 = Don't know]
Label_PREG_9		Number of times pregnant
QDS_programming_PREG_9		If POS1S_9 (date first tested positive for HIV) is 77/7777 (refused to answer) or 88/8888 (don't know), then PREG_9 (number of times pregnant) should read as follows: Since testing positive for HIV, how many times have you been pregnant?
Range_PREG_9		0–100
Skip_INTNT1N3		If PREG_9 (number of times pregnant) = 0, 777 (refused to answer), or 888 (don't know), then skip to next topic (Calculation_ENOBGYN5, End of gynecological and reproductive history); else go to Skip_Intro_1INTNT1N3 (1st pregnancy trying to get pregnant).

First pregnancy

Skip_Intro_1INTNT1N3		If PREG_9 (number of times pregnant) = 1, then skip to INTNT1N3 (1st pregnancy trying to get pregnant). If PREG_9 (number of times pregnant) = 2–5, then go to Intro_5_1INTNT1N3 (1st pregnancy trying to get pregnant). Else, skip to Intro_5_2INTNT1N3 (1st pregnancy trying to get pregnant).
Intro_5_1INTNT1N3		"Now I'd like to ask you about all of your pregnancies since testing positive for HIV, starting with your first one."
Skip_Intro_2INTNT1N3		If PREG_9 (number of times pregnant) = 2-5, then go to INTNT1N3 (1st pregnancy trying to get pregnant).
Intro_5_2INTNT1N3		"Now I'd like to ask you about your first 5 pregnancies since testing positive for HIV, starting with your first one."
INTNT1N3	GR.2.0.	For your **1st pregnancy** since testing positive for HIV, were you trying to get

		pregnant?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_INTNT1N3		1st pregnancy trying to get pregnant	
OUTCM1N3	GR.2.1.	What was the outcome of this pregnancy? [READ RESPONSES. SELECT ONLY ONE.]	
		Currently pregnant	1
		Live birth	2
		Stillbirth	3
		Miscarriage	4
		Abortion	5
		Refused to answer	7
		Don't know	8
Label_OUTCM1N3		First pregnancy outcome	
Hard_edit_OUTCM1N3		If PREG_9 (number of times pregnant) > 1, then OUTCM1N3 (first pregnancy outcome) cannot be 1 (currently pregnant). If PREG_9 (number of times pregnant)> 1 and OUTCM1N3 (first pregnancy outcome) is 1 (currently pregnant), then READ "I am asking about the outcome of the very first pregnancy you had." Return to OUTCM1N3 (first pregnancy outcome).	
Skip_OUTCM1N3		If OUTCM1N3 (first pregnancy outcome) = 1 (currently pregnant), then skip to DUDT1N3 (first pregnancy due date). Else, go to PDTE1N3 (date of first pregnancy outcome).	
PDTE1N3	GR.2.2.	In what month and year did this outcome occur? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]	
Label_PDTE1N3		Date of first pregnancy outcome	
QDS_programming_PDTE1N3		Allow a blank response for month. If month is blank for PDTE1N3 (date of first pregnancy outcome), use the year values for the validation.	
Hard_edit_PDTE1N3		PDTE1N3 (date of first pregnancy outcome) cannot be earlier than POS1S_9 (date first tested positive for HIV). If PDTE1N3 (date of first pregnancy outcome) < POS1S_9 (date first tested positive for HIV), then READ, "The outcome date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.	
Skip_PDTE1N3		If OUTCM1N3 (first pregnancy outcome) = 2 (live birth), then go to KID1HVN3 (first pregnancy vertical transmission). If OUTCM1N3 (first pregnancy outcome) = 3 (stillbirth), 4 (miscarriage), 5 (abortion), 7 (refused to answer), or 8 (don't know), skip to Skip_INTNT2N3 (2nd pregnancy trying to get pregnant).	
KID1HVN3	GR.2.3.	Was the child diagnosed with HIV? [READ RESPONSES. SELECT ONLY ONE.]	
		No	0
		Yes	1
		Indeterminate	2

		Refused to answer 7 Don't know 8
Label_KID1HVN3		First pregnancy vertical transmission
Skip_KID1HVN3		Skip to Skip_INTNT2N3 (2nd pregnancy trying to get pregnant).
DUDT1N3	GR.2.4.	What is your due date? ☐☐/☐☐/☐☐☐☐ MM DD YYYY [Month: 77 = Refused to answer, 88= Don't know; Day: 777 = Refused to answer, 888= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_DUDT1N3		First pregnancy due date
Hard_edit1_DUDT1N3		DUDT1N3 (first pregnancy due date) cannot be earlier than DOB_13 (date of birth). If DUDT1N3 (first pregnancy due date) < DOB_13 (date of birth), then READ, "The due date cannot be earlier than the respondent's date of birth. Please re-enter date." Do not allow the program to advance.
Hard_edit2_DUDT1N3		DUDT1N3 (first pregnancy due date) cannot be earlier than POS1S_9 (date first tested positive for HIV). If DUDT1N3 (first pregnancy due date) < POS1S_9 (date first tested positive for HIV), then READ, "The due date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.
Hard_edit3_DUDT1N3		DUDT1N3 (first pregnancy due date) cannot be more than 10 months after the IDATE (interview date). If DUDT1N3 (first pregnancy due date) > 10 months after IDATE (interview date), then READ, "The due date cannot be more than 10 months after [INSERT IDATE (interview date)]. Please re-enter date." Do not allow the program to advance.

Second pregnancy

Skip_INTNT2N3		If PREG_9 (number of times pregnant) >1, go to INTNT2N3 (2nd pregnancy trying to get pregnant); else, skip to next topic (Calculation_ENOBGYN5, End of gynecological and reproductive history).
INTNT2N3	GR.3.0.	For the **2nd pregnancy** since testing positive for HIV, were you trying to get pregnant? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_INTNT2N3		2nd pregnancy trying to get pregnant
OUTCM2N3	GR.3.1.	What was the outcome of this pregnancy? [READ RESPONSES. SELECT ONLY ONE.] Currently pregnant 1 Live birth 2 Stillbirth 3 Miscarriage 4 Abortion 5 Refused to answer 7

		Don't know 8
Label_OUTCM2N3 Hard_edit_OUTCM2N3		2nd pregnancy outcome If PREG_9 (number of times pregnant) > 2, then OUTCM2N3 (2nd pregnancy outcome) cannot be 1 (currently pregnant). If PREG_9 (number of times pregnant) > 2 and OUTCM2N3 is 1 (currently pregnant), then READ "I am asking about the outcome of the second pregnancy that you had." Return to OUTCM2N3 (2nd pregnancy outcome).
Skip_OUTCM2N3		If OUTCM2N3 (2nd pregnancy outcome) = 1 (currently pregnant), then skip to DUDT2N3 (2nd pregnancy due date); else go to PDTE2N3 (date of second pregnancy outcome).
PDTE2N3	GR.3.2.	In what month and year did this outcome occur? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_PDTE2N3 QDS_programming_PDTE2N3 Hard_edit_PDTE2N3		Date of second pregnancy outcome Allow a blank response for month. If month is blank for PDTE2N3 (date of second pregnancy outcome), use the year values for the validation. PDTE2N3 (date of second pregnancy outcome) cannot be earlier than PDTE1N3 (date of first pregnancy outcome). If PDTE2N3 (date of second pregnancy outcome) < PDTE1N3 (date of first pregnancy outcome), then READ, "The outcome date cannot be earlier than the date of the first pregnancy outcome. Please re-enter date." Do not allow the program to advance.
Skip_PDTE2N3		If OUTCM2N3 (2nd pregnancy outcome) = 2 (live birth), then go to KID2HVN3 (2nd pregnancy vertical transmission). If OUTCM2N3 (2nd pregnancy outcome) = 3 (stillbirth), 4 (miscarriage), 5 (abortion), 7 (refused to answer), or 8 (don't know), skip to Skip_INTNT3N3 (3rd pregnancy trying to get pregnant).
KID2HVN3	GR.3.3.	Was the child diagnosed with HIV? [READ RESPONSES. SELECT ONLY ONE.] No 0 Yes 1 Indeterminate 2 Refused to answer 7 Don't know 8
Label_KID2HVN3		Second pregnancy vertical transmission
Skip_KID2HVN3		Skip to Skip_INTNT3N3 (3rd pregnancy trying to get pregnant).
DUDT2N3	GR.3.4.	What is your due date? ☐ ☐ / ☐ ☐ / ☐ ☐ ☐ ☐ M M D D Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Day: 777 = Refused to answer, 888= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_DUDT2N3 Hard_edit1_DUDT2N3		2nd pregnancy due date DUDT2N3 (2nd pregnancy due date) cannot be earlier than DOB_13 (date of birth). If DUDT2N3 (2nd pregnancy due date) < DOB_13 (date of birth), then

		READ, “The due date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
Hard_edit2_DUDT2N3		DUDT2N3 (2nd pregnancy due date) cannot be earlier than POS1S_9 (date first tested positive for HIV). If DUDT2N3 (2nd pregnancy due date) < POS1S_9 (date first tested positive for HIV), then READ, “The due date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.
Hard_edit3_DUDT2N3		DUDT2N3 (2nd pregnancy due date) cannot be more than 10 months after the IDATE (interview date). If DUDT2N3 (2nd pregnancy due date) > 10 months after IDATE (interview date), then READ, “The due date cannot be more than 10 months after the interview date. Please re-enter date." Do not allow the program to advance.

Third pregnancy

Skip_INTNT3N3		If PREG_9 (number of times pregnant) >2, go to INTNT3N3 (3rd pregnancy trying to get pregnant); else, skip to next topic (Calculation_ENOBGYN5, End of gynecological and reproductive history).
INTNT3N3	GR.4.0.	For the **3rd pregnancy** since testing positive for HIV, were you trying to get pregnant? No 0 Yes 1 Refused to answer 7 Don’t know 8
Label_INTNT3N3		3rd pregnancy trying to get pregnant
OUTCM3N3	GR.4.1.	What was the outcome of this pregnancy? [READ RESPONSES. SELECT ONLY ONE.] Currently pregnant 1 Live birth 2 Stillbirth 3 Miscarriage 4 Abortion 5 Refused to answer 7 Don’t know 8
Label_OUTCM3N3		3rd pregnancy outcome
Hard_edit_OUTCM3N3		If PREG_9 (number of times pregnant) > 3, then OUTCM3N3 (3rd pregnancy outcome) cannot be 1 (currently pregnant). If PREG_9 (number of times pregnant) > 3 and OUTCM3N3 (3rd pregnancy outcome) is 1 (currently pregnant), then READ “I am asking about the outcome of the third pregnancy that you had.” Return to OUTCM3N3 (3rd pregnancy outcome).
Skip_OUTCM3N3		If OUTCM3N3 (3rd pregnancy outcome) = 1 (currently pregnant), then skip to DUDT3N3 (3rd pregnancy due date). Else, go to PDTE3N3 (date of third pregnancy outcome).
PDTE3N3	GR.4.2.	In what month and year did this outcome occur? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y

		[Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_PDTE3N3		Date of third pregnancy outcome
QDS_programming_PDTE3N3		Allow a blank response for month. If month is blank for PDTE3N3 (date of third pregnancy outcome), use the year values for the validation.
Hard_edit_PDTE3N3		PDTE3N3 (date of third pregnancy outcome) cannot be earlier than PDTE2N3 (date of second pregnancy outcome). If PDTE3N3 (date of third pregnancy outcome) < PDTE2N3 (date of second pregnancy outcome), then READ, "The outcome date cannot be earlier than the date of the second pregnancy outcome. Please re-enter date." Do not allow the program to advance.
Skip_PDTE3N3		If OUTCM3N3 (3rd pregnancy outcome) = 2 (live birth), then go to KID3HVN3 (third pregnancy vertical transmission). If OUTCM3N3 (third pregnancy outcome) = 3 (stillbirth), 4 (miscarriage), 5 (abortion), 7 (refused to answer), or 8 (don't know), skip to Skip_INTNT4N3 (4th pregnancy trying to get pregnant).
KID3HVN3	GR.4.3.	Was the child diagnosed with HIV? [READ RESPONSES. SELECT ONLY ONE.] No 0 Yes 1 Indeterminate 2 Refused to answer 7 Don't know 8
Label_KID3HVN3		Third pregnancy vertical transmission
Skip_KID3HVN3		Skip to Skip_INTNT4N3 (4th pregnancy trying to get pregnant).
DUDT3N3	GR.4.4.	What is your due date? ☐ ☐ / ☐ ☐ / ☐ ☐ ☐ ☐ M M D D Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Day: 777 = Refused to answer, 888= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_DUDT3N3		3rd pregnancy due date
Hard_edit1_DUDT3N3		DUDT3N3 (3rd pregnancy due date) cannot be earlier than DOB_13 (date of birth). If DUDT3N3 (3rd pregnancy due date) < DOB_13 (date of birth), then READ, "The due date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
Hard_edit2_DUDT3N3		DUDT3N3 (3rd pregnancy due date) cannot be earlier than POS1S_9 (date first tested positive for HIV). If DUDT3N3 (3rd pregnancy due date) < POS1S_9 (date first tested positive for HIV), then READ, "The due date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.
Hard_edit3_DUDT3N3		DUDT3N3 (3rd pregnancy due date) cannot be more than 10 months after IDATE (interview date). If DUDT3N3 (3rd pregnancy due date) > 10 months after IDATE (interview date), then READ, "The due date cannot be more than 10 months after the interview date. Please re-enter date." Do not allow the program to advance.

Fourth pregnancy

Skip_INTNT4N3		If PREG_9 (number of times pregnant) >3, go to INTNT4N3 (4th pregnancy trying to get pregnant); else, skip to next topic (Calculation_ENOBGYN5, End of gynecological and reproductive history).
INTNT4N3	GR.5.0.	For the **4th pregnancy** since testing positive for HIV, were you trying to get pregnant? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_INTNT4N3		4th pregnancy trying to get pregnant
OUTCM4N3	GR.5.1.	What was the outcome of this pregnancy? [READ RESPONSES. SELECT ONLY ONE.] Currently pregnant 1 Live birth 2 Stillbirth 3 Miscarriage 4 Abortion 5 Refused to answer 7 Don't know 8
Label_OUTCM4N3 Hard_edit_OUTCM4N3		4th pregnancy outcome If PREG_9 (number of times pregnant) > 4, then OUTCM4N3 (4th pregnancy outcome) cannot be 1 (currently pregnant). If PREG_9 (number of times pregnant) > 4 and OUTCM4N3 (4th pregnancy outcome) is 1 (currently pregnant), then READ "I am asking about the outcome of the fourth pregnancy that you had." Return to OUTCM4N3 (4th pregnancy outcome).
Skip_OUTCM4N3		If OUTCM4N3 (4th pregnancy outcome) is 1 (currently pregnant), then skip to DUDT4N3 (4th pregnancy due date). Else, go to PDTE4N3 (date of fourth pregnancy outcome).
PDTE4N3	GR.5.2.	In what month and year did this outcome occur? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_PDTE4N3 QDS_programming_PDTE4N3 Hard_edit_PDTE4N3		Date of fourth pregnancy outcome Allow a blank response for month. If month is blank for PDTE4N3 (date of fourth pregnancy outcome), use the year values for the validation. PDTE4N3 (date of fourth pregnancy outcome) cannot be earlier than PDTE3N3 (date of third pregnancy outcome). If PDTE4N3 (date of fourth pregnancy outcome) < PDTE3N3 (date of third pregnancy outcome), then READ, "The outcome date cannot be earlier than the date of the third pregnancy outcome. Please re-enter date." Do not allow the program to advance.
Skip_PDTE4N3		If OUTCM4N3 (4th pregnancy outcome) = 2 (live birth), then go to KID4HVN3 (4th pregnancy vertical transmission). If OUTCM4N3 (4th pregnancy outcome) = 3 (stillbirth), 4 (miscarriage), 5 (abortion), 7 (refused to answer), or 8 (don't

		know), skip to Skip_INTNT5N3 (5th pregnancy trying to get pregnant).
KID4HVN3	GR.5.3.	Was the child diagnosed with HIV? [READ RESPONSES. SELECT ONLY ONE.] No 0 Yes 1 Indeterminate 2 Refused to answer 7 Don't know 8
Label_KID4HVN3		4th pregnancy vertical transmission
Skip_KID4HVN3		Skip to Skip_INTNT5N3 (5th pregnancy trying to get pregnant).
DUDT4N3	GR.5.4.	What is your due date? ☐ ☐ / ☐ ☐ / ☐ ☐ ☐ ☐ M M D D Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Day: 777 = Refused to answer, 888= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_DUDT4N3		4th pregnancy due date
Hard_edit1_DUDT4N3		DUDT4N3 (4th pregnancy due date) cannot be earlier than DOB_13 (date of birth). If DUDT4N3 (4th pregnancy due date) < DOB_13 (date of birth), then READ, "The due date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
Hard_edit2_DUDT4N3		DUDT4N3 (4th pregnancy due date) cannot be earlier than POS1S_9 (date first tested positive for HIV). If DUDT4N3 (4th pregnancy due date) < POS1S_9 (date first tested positive for HIV), then READ, "The due date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.
Hard_edit3_DUDT4N3		DUDT4N3 (4th pregnancy due date) cannot be > 10 months after IDATE (interview date). If DUDT4N3 (4th pregnancy due date) > 10 months after IDATE (interview date), then READ, "The due date cannot be more than 10 months after the interview date. Please re-enter date." Do not allow the program to advance.

Fifth pregnancy

Skip_INTNT5N3		If PREG_9 (number of times pregnant) >4, go to INTNT5N3 (5th pregnancy trying to get pregnant); else, skip to next topic (Calculation_ENOBGYN5, End of gynecological and reproductive history).
INTNT5N3	GR.6.0.	For the **5th pregnancy** since testing positive for HIV, were you trying to get pregnant? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_INTNT5N3		5th pregnancy trying to get pregnant
OUTCM5N3	GR.6.1.	What was the outcome of this pregnancy? [READ RESPONSES. SELECT ONLY

		ONE.]
		Currently pregnant 1
		Live birth 2
		Stillbirth 3
		Miscarriage 4
		Abortion 5
		Refused to answer 7
		Don't know 8
Label_OUTCM5N3 Hard_edit_OUTCM5N3		5th pregnancy outcome If PREG_9 (number of times pregnant) > 5, then OUTCM5N3 (5th pregnancy outcome) cannot be 1 (currently pregnant). If PREG_9 (number of times pregnant) > 5 and OUTCM5N3 (5th pregnancy outcome) is 1 (currently pregnant), then READ "I am asking about the outcome of the fifth pregnancy that you had." Return to OUTCM5N3 (5th pregnancy outcome).
Skip_OUTCM5N3		If OUTCM5N3 (5th pregnancy outcome) = 1 (currently pregnant), then skip to DUDT5N3 (5th pregnancy due date). Else, go to PDTE5N3 (date of fifth pregnancy outcome).
PDTE5N3	GR.6.2.	In what month and year did this outcome occur? ☐ ☐ / ☐ ☐ ☐ ☐ M M Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_PDTE5N3 QDS_programming_PDTE5N3 Hard_edit_PDTE5N3		Date of fifth pregnancy outcome Allow a blank response for month. If month is blank for PDT53N3 (date of fifth pregnancy outcome), use the year values for the validation. PDTE5N3 (date of fifth pregnancy outcome) cannot be earlier than PDTE4N3 (date of 4th pregnancy outcome). If PDTE5N3 (date of fifth pregnancy outcome) < than PDTE4N3 (date of fourth pregnancy outcome), then READ, "The outcome date cannot be earlier than the date of the 4th pregnancy outcome. Please re-enter date." Do not allow the program to advance.
Skip_PDTE5N3		If OUTCM5N3 (5th pregnancy outcome) = 2 (live birth), then go to KID5HVN3 (5th pregnancy vertical transmission). If OUTCM5N3 (5th pregnancy outcome) = 3 (stillbirth), 4 (miscarriage), 5 (abortion), 7 (refused to answer), or 8 (don't know), skip to next topic (Calculation_ENOBGYN5, End of gynecological and reproductive history).
KID5HVN3	GR.6.3.	Was the child diagnosed with HIV? [READ RESPONSES. SELECT ONLY ONE.]
		No 0
		Yes 1
		Indeterminate 2
		Refused to answer 7
		Don't know 8
Label_KID5HVN3		5th pregnancy vertical transmission
Skip_KID5HVN3		Skip to next topic (Calculation_ENOBGYN5, End of gynecological and reproductive history).
DUDT5N3	GR.6.4.	What is your due date?

	☐ ☐ / ☐ ☐ / ☐ ☐ ☐ ☐ M M D D Y Y Y Y [Month: 77 = Refused to answer, 88= Don't know; Day: 777 = Refused to answer, 888= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_DUDT5N3	5th pregnancy due date
Hard_edit1_DUDT5N3	DUDT5N3 (5th pregnancy due date) cannot be earlier than DOB_13 (date of birth). If DUDT5N3 (5th pregnancy due date) < DOB_13 (date of birth), then READ, "The due date cannot be earlier than respondent's date of birth. Please re-enter date." Do not allow the program to advance.
Hard_edit2_DUDT5N3	DUDT5N3 cannot be earlier than POS1S_9 (date first tested positive for HIV). If DUDT5N3 (5th pregnancy due date) < POS1S_9 (date first tested positive for HIV), then READ, "The due date cannot be earlier than the date of respondent's first positive HIV test. Please re-enter date." Do not allow the program to advance.
Hard_edit3_DUDT5N3	DUDT5N3 (5th pregnancy due date) cannot be > 10 months after IDATE (interview date). If DUDT5N3 (5th pregnancy due date) > 10 months after IDATE (interview date), then READ, "The due date cannot be more than 10 months after the interview date. Please re-enter date." Do not allow the program to advance.

Calculation_ENOBGYN5	ENOBGYN5 = Current time
Label_ENOBGYN5	End of gynecological and reproductive history
Calculation_TLOBGYN5	Calculate elapsed time between STOBGYN5 and ENOBGYN5 = TLOBGYN5
Label_TLOBGYN5	Total time for gyn and reproductive hist

Foreign-born and immigration (L)

Calculation_STFRBRN5		STFRBRN5 = Current time
Label_STFRBRN5		Start foreign-born and immigration

Foreign born (LF)

Intro_5_CO_BORN		"Now I'm going to ask you about where you were born."
CO_BORN	LF.1.0.	In what country or territory were you born? [DON'T READ RESPONSES. SELECT ONLY ONE.] United States 1 Puerto Rico 2 Mexico 3 Cuba 4 Other 5 Refused to answer 7 Don't know 8
Label_CO_BORN		Country or territory of birth
Skip_1CO_BORN		If CO_BORN (country or territory of birth) is 5 (other), then go to OTCTRY (other specify-country/territory of birth). Else, skip to Skip_2CO_BORN.
OTCTRY	LF.1.1.	Specify other country _____
Label_OTCTRY		Other specify-country/territory of birth
Skip_2CO_BORN		If CO_BORN (country or territory of birth) is 1 (United States), 7 (refused to answer), or 8 (don't know), then skip to next topic (Calculation_ENFRBRN5, End of foreign-born and immigration). Else go to US_YRS (Years living in the US).
US_YRS	LF.1.2.	How many years have you been living in the United States? ___ ___ ___ [Years: 777 = Refused to answer, 888 = Don't know]
Label_US_YRS		Years living in the US
Interviewer_note_US_YRS		**Interviewer instructions**: If years living in the U.S. are less than 1 year, enter 0.
Range_US_YRS		0–110
Hard_edit_US_YRS		US_YRS must be ≤ AGEIDATE (respondent's age at date of interview). If US_YRS is > then AGEIDATE (respondent's age at date of interview), then READ, "The number of years you have been living in the United States cannot be greater than your age." The program should return to US_YRS (years living in the US).

Immigration status (LI)

Intro_CIT_N5		"The next questions are about United States citizenship and permanent

		residency status. These questions don't determine if someone is in the country legally. Your personal information will not be shared with anyone."	
CIT_N5	LI.1.0.	Are you currently a United States citizen?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_CIT_N5		US citizenship	
Skip_CIT_N5		If CIT_N5 (US citizenship) = 1 (yes), then skip to next topic (Calculation_ENFRBRN5, End of foreign-born and immigration).	
GC_N5	LI.1.1.	Are you a permanent resident, that is, do you have a green card?	
		No	0
		Yes	1
		Refused to answer	7
		Don't know	8
Label_GC_N5		Permanent resident	

Calculation_ENFRBRN5	ENFRBRN5 = Current time
Label_ENFRBRN5	End of foreign-born and immigration
Calculation_TLFRBRN5	Calculate elapsed time between STFRBRN5 and ENFRBRN5 = TLFRBRN5
Label_TLFRBRN5	Total time for foreign-born and immigrat

Health conditions and preventive therapy (C)

Calculation_STHLTCN5		STHLTCN5 = Current time
Label_STHLTCN5		Start health conditions & prev therapy

HPV (CP)

Intro_HPV_EVR		"Now I'm going to ask about vaccinations. To begin, I'm going to ask about the human papillomavirus or HPV vaccine. Other names for this vaccine are Gardasil and Cervarix."
HPV_EVR	CP.1.0.	Have you **ever** had a vaccine for HPV? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_HPV_EVR		Ever had vaccine for HPV

Tuberculosis (CT)

Intro_TESTPN13		"Now I am going to ask you about tuberculosis, also called TB."
TESTPN13	CT.1.0.	Have you **ever** had a skin test for TB, sometimes called a PPD, or a blood test for TB? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_TESTPN13		Ever had TB skin or blood test
Skip_TESTPN13		If TESTPN13 (ever had TB skin or blood test) = 0 (no), 7 (refused to answer), or 8 (don't know), then skip to Intro_ACTVTBN3. Else, go to PPDMYN3 (date of most recent TB test).
PPDMYN3	CT.1.1.	What month and year did you have your **most recent** TB skin or blood test? ☐☐ / ☐☐☐☐ MM YYYY [Month: 77 = Refused to answer, 88= Don't know; Year: 7777 = Refused to answer, 8888 = Don't know]
Label_PPDMYN3		Date of most recent TB test
QDS_programming_PPDMYN3		Allow a blank response for month.
Hard_edit1_PPDMYN3		PPDMYN3 (date of most recent TB test) cannot be **earlier** than DOB_13 (date of birth). If PPDMYN3 (date of most recent TB test) is **earlier** than DOB_13 (date of birth), then READ, "Your most recent TB test cannot be earlier than your date of birth." Return to PPDMYN3 (date of most recent TB test).

Hard_edit2_PPDMYN3		PPDMYN3 (date of most recent TB test) cannot be **later** than the IDATE (interview date). If PPDMYN3 (date of most recent TB test) is **later** than the IDATE (interview date)**,** then READ, "Your most recent TB test cannot be later than today." Return to PPDMYN3 (date of most recent TB test).
PP_PSN13	CT.1.2.	Have you **ever** had a positive skin test or blood test for TB? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_PP_PSN13		Ever positive TB skin or blood test
Intro_ACTVTBN3		"TB can live in the body for a long time without making a person sick, and the only way we might know about it is through a skin or blood test. When TB does make a person sick, we call it active TB."
ACTVTBN3	CT.1.3.	Have you **ever** been diagnosed with active TB? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_ACTVTBN3		Diagnosed with active TB

Influenza (CF)

VACFL_10	CF.1.0.	During the **past 12 months**, did you get a vaccine or shot to protect you from seasonal flu? No 0 Yes 1 Refused to answer 7 Don't know 8
Label_VACFL_10		Influenza vaccination past 12 months
Skip_VACFL_10		If VACFL_10 (influenza vaccination past 12 months) = 0 (no), 7 (refused to answer) or 8 (don't know), then skip to next topic (Calculation_ENLTCN5, End of health conditions and preventive therapy). Else, go to LOCVA_10 (place flu vaccine received).
LOCVA_10	CF.1.1.	Where did you get your **most recent** seasonal flu vaccine? [READ RESPONSES. SELECT ONLY ONE.] Doctor's office 1 Health department clinic 2 Drugstore or store (i.e. CVS, Walgreens, Target) 3 Employer 4 Other 5 Refused to answer 7 Don't know 8

Label_LOCVA_10	Place flu vaccine received
Skip_LOCVA_10	If LOCVA_10 (place flu vaccine received) is 5 (other), then go to LOC_10OS (oth-Spec: place flu vaccine received). Else, skip to next topic (Calculation_ENLTCN5, End of health conditions and preventive therapy).
LOC_10OS	Please tell me the type of place where you got your influenza vaccination. _____
Label_LOC_10OS	Oth-Spec: place flu vaccine received

Calculation_ENLTCN5	ENLTCN5 = Current time
Label_ENLTCN5	End of health conditions & prev therapy
Calculation_TLLTCN5	Calculate elapsed time between STHLTCN5 and ENLTCN5 = TLLTCN5
Label_TLLTCN5	Total health cond and preventive therapy

Interview completion (E)

End of Interview (EE)

Calculation_EN_INTN5		EN_INTN5 = Current time
Label_EN_INTN5		End of interview
Calculation_TL_TIMN5		Calculate elapsed time between ST_INTN5 and EN_INTN5 = TL_TIMN5.
Label_TL_TIMN5		Total interview time
RECCOMP	EE.1.0.	Interview end date: ☐☐/☐☐/☐☐☐☐ M M D D Y Y Y Y
Label_RECCOMP		Interview end date
QDS_programming_RECCOMP		Automatically calculate RECCOMP (interview end date) in QDS using the date on the device
Intro_EE		"Thank you again for taking part in this interview. Please remember that all the information you have given me will be kept confidential."
Interviewer_note_EE		**Interviewer instructions**: Offer assistance with information and resources, according to local protocol, but please be sure to record this information below. 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.

Data Validity (EV)

CONF	EV.1.0.	How confident are you of the validity of the respondent's answers? Confident 1 Some doubts 2 Not confident at all 3
Label_CONF		Validity confidence
ADDCOM1	EV.2.0.	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. _____
Label_ADDCOM1		Additional comments
QDS_programming_ADDCOM1		Include a 6 (not applicable) response option.
QDS_programming2_ADDCOM1		Character limit is 250 words

Referrals and follow-up (EO)

RFLNKN5	EO.1.0.	Which of the following resources were or will be offered to the respondent to facilitate linkage or re-engagement in care? [SELECT ALL THAT APPLY] Give written information about HIV care providers — 1 RFLNKN5A Make appointment for respondent — 2 RFLNKN5B Arrange transportation to appointment for respondent — 3 RFLNKN5C Arrange for someone to accompany respondent to care appointment — 4 RFLNKN5D Refer to case manager — 5 RFLNKN5E Refer to patient navigator — 6 RFLNKN5F Refer to other partner — 7 RFLNKN5G Other — 8 RFLNKN5H No intervention offered — 9 RFLNKN5I
Label_RFLNKN5		Ref. for care linkage or re-engagement
Hard_edit_RFLINKN5		If RFLNKN5A, RFLNKN5B, RFLNKN5C, RFLNKN5D, RFLNKN5E, RFLNKN5F, RFLNKN5G, or RFLNKN5H is selected AND RFLNKN5I is selected, then READ: "You cannot select an intervention and also select that no intervention was offered. Correct the error." Return to RFLNKN5.
Skip_RFLNKN5		If RFLNK_N5 (ref. for care linkage or re-engagement) is 8 (other), then go to RFLNOSN5 (other ref. care linkage/re-engagement). Else, skip to RFANSN5 (referrals for ancillary services).
RFLNOSN5		Specify referrals for care linkage or re-engagement _____
Label_RFLNOSN5		Other ref. care linkage/re-engagement
RFANSN5	EO.2.0.	Which of the following additional resources were or will be offered to the respondent? [SELECT ALL THAT APPLY.] HIV case management services — 1 RFANSN5A Adherence counseling — 2 RFANSN5B ADAP — 3 RFANSN5C Patient navigation — 4 RFANSN5D HIV peer group support — 5 RFANSN5E Dental care — 6 RFANSN5F Drug or alcohol counseling or treatment — 7 RFANSN5G Mental health services — 8 RFANSN5H Transportation — 9 RFANSN5I Shelter or housing services — 10 RFANSN5J SSI — 11 RFANSN5K SSDI — 12 RFANSN5L Food assistance — 13 RFANSN5M Meal or food services — 14 RFANSN5N Domestic violence services — 15 RFANSN5O Interpreter services — 16 RFANSN5P

	A lawyer or legal services	17 RFANSN5Q
	Tobacco cessation services	18 RFANSN5R
	No referrals provided	19 RFANSN5S
Label_RFANSN5	referrals for ancillary services	
Hard_edit_RFANSN5	If RFANSN5A, RFANSN5B, RFANSN5C, RFANSN5D, RFANSN5E, RFANSN5F, RFANSN5G, RFANSN5H, RFANSN5I, RFANSN5J, RFANSN5K, RFANSN5L, RFANSN5M, RFANSN5N, RFANSN5O, RFANSN5P, RFANSN5Q or RFANSN5R is selected AND RFANSN5S is selected, then READ: “You cannot select a referral and also select that no referral was offered. Correct the error.” Else, do not show RFANSN5S.	

2014 Calendar

January

S	M	T	W	R	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February

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16	17	18	19	20	21	22
23	24	25	26	27	28	

March

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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April

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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May

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4	5	6	7	8	9	10
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

June

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July

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August

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September

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October

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November

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December

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21	22	23	24	25	26	27
28	29	30	31			

2015 Calendar

January

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18	19	20	21	22	23	24
25	26	27	28	29	30	31

February

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March

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April

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May

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June

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July

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August

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September

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October

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November

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December

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2016 Calendar

January

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February

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March

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April

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May

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June

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July

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August

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September

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October

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November

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December

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2017 Calendar

January

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March

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May

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June

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July

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October

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November

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December

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17	18	19	20	21	22	23
24	25	26	27	28	29	30
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Response cards

Response Card A

	Monthly Household Income		Yearly Household Income
a.	$0 to $416 per month	or	$0 to $4,999 per year
b.	$417 to $833 per month	or	$5,000 to $9,999 per year
c.	$834 to $1041 per month	or	$10,000 to $12,499 per year
d.	$1042 to $1249 per month	or	$12,500 to $14,999 per year
e.	$1250 to $1666 per month	or	$15,000 to $19,999 per year
f.	$1667 to $2083 per month	or	$20,000 to $24,999 per year
g.	$2084 to $2499 per month	or	$25,000 to $29,999 per year
h.	$2500 to $2916 per month	or	$30,000 to $34,999 per year
i.	$2917 to $3333 per month	or	$35,000 to $39,999 per year
j.	$3334 to $4166 per month	or	$40,000 to $49,999 per year
k.	$4167 to $4999 per month	or	$50,000 to $59,999 per year
l.	$5000 to $6249 per month	or	$60,000 to $74,999 per year
m.	$6250 or more per month	or	$75,000 or more per year

Response Card B

	Individual Monthly Income		**Individual Yearly Income**
a.	$0 to $416 per month	or	$0 to $4,999 per year
b.	$417 to $833 per month	or	$5,000 to $9,999 per year
c.	$834 to $1041 per month	or	$10,000 to $12,499 per year
d.	$1042 to $1249 per month	or	$12,500 to $14,999 per year
e.	$1250 to $1666 per month	or	$15,000 to $19,999 per year
f.	$1667 to $2083 per month	or	$20,000 to $24,999 per year
g.	$2084 to $2499 per month	or	$25,000 to $29,999 per year
h.	$2500 to $2916 per month	or	$30,000 to $34,999 per year
i.	$2917 to $3333 per month	or	$35,000 to $39,999 per year
j.	$3334 to $4166 per month	or	$40,000 to $49,999 per year
k.	$4167 to $4999 per month	or	$50,000 to $59,999 per year
l.	$5000 to $6249 per month	or	$60,000 to $74,999 per year
m.	$6250 to $8332 per month	or	$75,000 to $99,999 per year
n.	$8333 to $12499 per month	or	$100,000 to $149,999 per year
o.	$12500 to $16666 per month	or	$150,000 to $199,999 per year
p.	$16667 to $20832 per month	or	$200,000 to $249,999 per year
q.	$20833 or more per month	or	$250,000 or more per year

Response Card C Never Rarely About half the time Most of the time Always
Response Card D Not at all Several days More than half the days Nearly every day
Response Card E ≤24 years old 25-29 years old 30-34 years old 35-39 years old 40-44 years old 45-49 years old >=50 years old
Response Card F Strongly disagree Somewhat disagree Neutral Somewhat agree Strongly agree

Response Card G

Daily

Weekly

Monthly

Less than monthly

Never

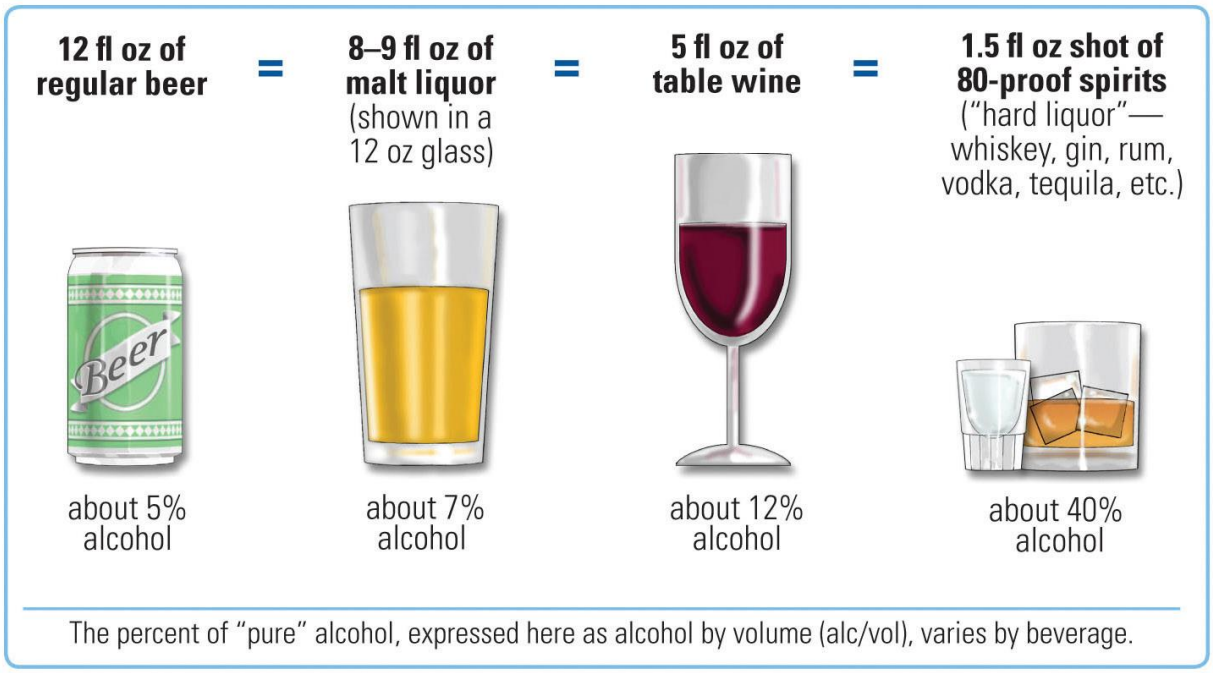
Response Card H

Extremely

Quite a bit

Somewhat

A little bit

Not at all

Alcohol Response Card