

Attachment 3C

Behavioral Assessment PWID (English)

Form Approved:
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National HIV Behavioral Surveillance System: Core Questionnaire

PWID Cycle OMB Statement

Public reporting burden of this collection of information is estimated to average 17 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 H21-8, Atlanta, GA 30333, ATTN: PRA (0920-0770). Do not send the completed form to this address.

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NHBS Round 8 CAPI REFERENCE QUESTIONNAIRE (CRQ)

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Overview

Questionnaire Sections & Abbreviations

Order in CAPI	Abbreviation	Domain	Other topics included
00	Overview	Overview	
4	CI	OMB Statement & Core Introductory Statement	
5	NS	Network size (RDS cycles only)	
6	DM	Demographics	General health care access & utilization
7	SO	Social experiences (MSM cycle only)	
8	SX	Sexual behavior	
10	ID	Injection drug use	
11	ND	Non-injection drug use	
12	TX	Drug overdose and drug treatment	
13	HT	HIV testing & care	
14	HC	Health conditions (STIs, hepatitis, mental health)	
15	PA	Prevention activities	
16	JS	Justice system experiences	
17	VE	Violence	

Abbreviations

CAPI	Computer-Assisted Personal Interview
CRQ	CAPI Reference Questionnaire
R	Respondent
P	Partner
DK	Don't know
REF	Refused to answer
NA	Not applicable (question is asked of R but this is a codable response option)
SK	Skipped

Missing or “,”	Missing
EQ	Equal to
GT	Greater than
GE	Greater than or equal to
LE	Less than or equal to
LT	Less than
NE	Not equal to
VS, UVS	Vaginal sex, unprotected vaginal sex (i.e., without a condom)
AS, UAS	Anal sex, unprotected anal sex (i.e., without a condom)
IAS	Insertive anal sex
RAS	Receptive anal sex

Key Terms

Term	Prefix / Format convention	Definition
Calculated variable	CALC_	Variables calculated by the CAPI program that appear in the CRQ. Item identifiers for CAPI calculated variables start with the prefix CALC_ followed by the variable name.
Century Month	_C	A century month is an integer value that represents the number of months since January 1900. These calculations are used to compare dates and facilitate routing where respondents are asked to only provide the month and year in which an event took place. These types of questions occur in every date item within the CRQ, with the exception of DOB (ES1). As an example, January 2014 is represented by the integer 1369. The higher the integer, the closer the event is to the current date, and the lower the integer, the farther it is in the past. Names of variables collecting century month end in the suffix _C.

Term	Prefix / Format convention	Definition
Fill text		Text to be displayed for which wording depends on prior responses or other conditions. Square brackets enclose the conditions, description of or actual text to be filled, and if applicable, instructions for how the fill text should be displayed. Actual text to be filled is enclosed in quotes e.g., [if condition is true, fill with "text"]. Fill text based on a prior response or CRQ calculated variable refers to the item number or variable name, respectively, e.g., [fill with # of male partners (SX19)], [fill with current questionnaire year (QYR)]. Examples: [fill with interview month, formatted as text]. Unless otherwise specified, fill text should be formatted as the sentence where is it used.
Flashcards		Flashcard instructions are included as part of the question text to which they apply and should be programmed as displayed in the CRQ. Flashcards themselves are included as an appendix to the CRQ and are not part of the programming requirements.
Hard Edit Check	HardEdit_	A check to determine whether the response entered is logically inconsistent with specific previously entered response. If so, CAPI program displays message to interviewer. Program will <u>not</u> advance until interviewer has changed at least one of the inconsistent values.
Information for interviewer	INFO_	Items for which the CAPI screen displays Information for the interviewer that is <u>NOT</u> read to the Respondent. These statements begin with DISPLAY with actual text to be displayed enclosed in quotes, e.g. [DISPLAY: "Text to be displayed"].
Interviewer instruction		Instruction to interviewer regarding administration of a particular question. These instructions are displayed within brackets on the same CAPI screen as the question. Standard instructions are 'Give Respondent Flashcard {letter}', 'READ choices', 'DO NOT read choices', & 'CHECK ALL that apply.' Instructions for flashcards should appear above the question text; instructions for response options should appear below the question text.
Introductory statement	INTRO_	Transitional statement or definition read to R at the beginning of a new topic (e.g., Section, set of questions, etc.). Displayed on a separate CAPI screen before the item. Item IDs for introductory statements start with the prefix INTRO_ followed by section abbreviation, series, or the item ID of the first item in set or only item to which it applies. These statements begin with DISPLAY: with actual text to be displayed enclosed in quotes, e.g. [DISPLAY: "Text to be displayed"].
Item		Elements of the CRQ, including but not limited to questions, screens that display text but do not collect data (e.g., messages and other information for the interviewer, introductory statements read to R), calculated variables, etc.

Term	Prefix / Format convention	Definition
Item identifier		Identifier for all items in the CRQ. Most items in the NHBS CRQ are questions (including items for which the interviewer enters a response even if the text is not explicitly a question, e.g., survey ID#. Item IDs for questions begin with the 2-digit section abbreviation, followed by a number. Question numbers are in ascending order within each section. Some question numbers end in a letter (indicating it is part of a set). Items that are not questions, e.g., calculated variables refer to the variable name. Item IDs for logic checks refer to the next item. Item IDs for hard and soft edits refer to the preceding item.
Logic Check	Check_	Logic that must be checked in the CAPI program in order to determine proper routing to the next item, topic, or section in the CRQ. In some cases, a logic check may include a message to the Interviewer. Logic checks at the very end of each section begin with END_.
Message	INTERVIEWER:	Message displayed to the interviewer that is <u>not</u> to be read to R. May be triggered by an edit check. Distinct from Interviewer Instruction.
Notes		Notes provide additional information about a CRQ topic for the reader. Currently, all notes include a link to measures which have references. These references are included as an appendix to the CRQ and are not part of the programming requirements.
Question		Any item for which the interviewer enters a response, including questions asked of R, questions asked of the interviewer, and other codes.
Range		Range of valid response values for items collecting or computing numeric data. E.g., the valid range of responses to number of sex partners in past 12 months is 0 to 7000.
Section		Section of the NHBS CRQ. Each section has a unique two letter abbreviation.
Series	...Series.	A group of questions on a given topic that share a general universe. Most but not all series have a parallel series elsewhere (e.g. Male-Female, Male-Male, and Female-Male series).
Soft Edit Check	SoftEdit_	A check to determine whether the response entered is implausible or otherwise requires interviewer's attention. If so, CAPI program displays message to interviewer. The CAPI program allows the interviewer to proceed to the next screen,, even if they do not go back and change the response to 1 or more items that triggered the message.

Term	Prefix / Format convention	Definition
Universe	Universe_	A specific group of respondents to receive a section, series, question, etc. E.g., the universe for the Consent Section is respondents who were eligible for the cycle in which they completed the eligibility screener. Universe statements are included in the CRQ to facilitate understanding by project area staff, Institutional Review Boards, etc. Universe statements are not intended to be used for CAPI programming.
Variable		Variables computed in the CAPI program or otherwise collected in the CAPI program.

CAPI programming conventions

<p>Below are conventions to be used for CAPI programming:</p> <ul style="list-style-type: none"> • Hard edit messages should be programmed to exclude values for DK (7777) and REF (9999). • Round 8 CRQ refers to PWID (People who inject drugs) in text read to participants and in topic headers. In order to maintain consistency across time, variable names and skip logic still refer to our older description of this cycle, IDU (Injection drug use). • Unless otherwise specified in the CRQ, all items that collect data require a response (which could be DK, REF, or NA) to be entered before advancing to the next item. • DK, REF, & NA options are codable options in CAPI as specified in the CRQ. • The CAPI program advances in the order specified in the CRQ. Interviewers may return to previous screens but cannot choose to skip ahead or change the order of items, topics, sections, etc. • Text displayed on CAPI screens appears as it is formatted (e.g., bold, capitalization, etc.) in the CRQ. • Many introductory statements contain the text "DISPLAY:" when the following text is meant to be read by the interviewer to the participant. • Calculated variables used solely for fill text are not included in the CRQ. • Items requesting dates: <ul style="list-style-type: none"> ○ For items requesting full date (year, month, and day) the CAPI program should require all 3 fields to be completed or the response can be DK or REF. ○ For items requesting month & year, allow an unknown month. That is, allow the interviewer to enter a year but leave the month field blank. Do not allow a month without a year. ○ Date variables may need component variables to be created to facilitate logic or fill text (separate variables for year portion of the date, month portion of the date, and day portion of the date). Where needed, these are included in the CRQ and are specified by adding the following letters to the end of the component variable: <ul style="list-style-type: none"> ▪ Year: Y ▪ Month: M ▪ Date: D ▪ Example: DOB, DOBY, DOBM, DOBD • Century month variables (see Key Terms, above, for definition) <ul style="list-style-type: none"> ○ When month is unknown (blank), set the value of the month component variable to missing. ○ When year is unknown (e.g., DK or REF), set the year component variable to missing. ○ When month, year, or both month and year are unknown, set the century month variable to missing. ○ When a century month variable is missing, treat its value as entirely unknown. That is, the CAPI program should not assume it has any particular numeric value or that its value is higher or lower than any other value. ○ In hard edits comparing century month variables, if a century month variable is missing, they cannot be compared. • Items allowing multiple responses: <ul style="list-style-type: none"> ○ Such items are indicated in the CRQ by inclusion of the interviewer instruction to 'CHECK ALL that apply' as well as inclusion of the variable name to the left of each response option. For each 'multiple choice' question, the response options are indicator variables with values of 1, if the option is selected, and 0, if the option is not selected. The variable names for a given 'multiple choice' question all start with a common stem and end with a letter, e.g., VAR1A, VAR1B, VAR1C, etc. If the response is DK or REF, the value for all of the variables for that set of response options is DK or REF. • Time Stamp Variables <ul style="list-style-type: none"> ○ All time stamp variables collected by the CAPI program must include hours, minutes, and seconds and must be

formatted in military time.

NHBS ROUND 8 QUESTIONNAIRE

CORE INTRODUCTION (CI)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label
Preset Variables	--	CYCLE	NHBS Cycle

Universe_CI.	All Eligible Rs who consent to interview.
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CI1_OMB.	<p>DISPLAY: Public reporting burden of this collection of information is estimated to average [if MSM cycle (CYCLE=1), fill with "24"; if IDU cycle (CYCLE EQ 2), fill with "43"; if HET cycle (CYCLE EQ 3), fill with "31"] 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 30333, ATTN: PRA (0920-0770). Do not send the completed form to this address.</p>
Programming Note:	This OMB statement should not be programmed in CAPI and is only to be displayed in the CRQ.

INFO_START_C.	DISPLAY: "[INTERVIEWER: GET READY TO BEGIN THE SURVEY.]"
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CALC_START_C.		
START_C	Interview start time	START_C = Current time

INTRO_CORE.	<p>DISPLAY: "Most people have never been in an interview like this one, so I'm going to describe how it works before we start. I will read you questions exactly as they are written. Some may sound awkward, but I need to read them as worded so everyone in the study is asked the same questions. Some questions will ask you to recall if you did something, when you did it, or how often you did it. For others, I'll read or show you a list of responses to choose from. Please be as accurate as you can."</p> <p>Then, go to END_CI.</p>
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END_CI.	Go to Network Section (NS).
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NHBS ROUND 8 QUESTIONNAIRE

NETWORK SECTION (NS)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label
Preset variables	--	CYCLE	NHBS Cycle
Interviewer Entered Information	IE2	CITYR8	City
Interviewer Entered Information	IE10	ISEED	Respondent is a seed

UNIVERSE_NS.	IDU or HET cycle eligible Rs who consent to interview.
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CALC_BEGNS.		
BEGNS	Time at beginning of network section	BEGNS = Current time

PWID Network Series

Check_INTRO_NS1.	<p>If IDU cycle (CYCLE EQ 2) & R is not a seed (IE10 EQ 0), go to INTRO_NS1.</p> <p>If IDU cycle (CYCLE EQ 2) & R is a seed (IE10 EQ 1), go to INTRO_NS2a.1.</p> <p>If HET cycle (CYCLE EQ 3) & R is not a seed (IE10 EQ 0), go to INTRO_NS3.</p> <p>If HET cycle (CYCLE EQ 3) & R is a seed (IE10 EQ 1), go to INTRO_NS4a.1.</p> <p>If MSM cycle (CYCLE EQ 1), go to CALC_ENDNS.</p>
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PWID Recruiter Relationship

INTRO_NS1.	<p>DISPLAY: "I'm going to start by asking you about the person who gave you this coupon and about other people you know in [if the project area is Norfolk (IE2 EQ 5720), fill with "Hampton Roads", else, fill with project area (city name from IE2)] who inject. Please remember that your answers will be kept private."</p>
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[Give Respondent Flashcard C.]

Which of the following describes how you know the person who gave you this coupon? You can choose more than one answer.

- NS1.** [READ choices. CHECK ALL that apply.]
- NS_IREL Relationship to recruiter, IDU
- NS_IRELA A relative or family member
- NS_IRELB A person you have sex with
- NS_IRELC A person you use drugs with or buy drugs from
- NS_IRELD A friend
- NS_IRELE An acquaintance, that is, a person you know but do not consider a friend
- NS_IRELF A stranger, you don't know the person or just met them

Refuse to Answer..... 77

Programming note: Don't allow stranger (NS_IRELF) to be selected with any other relationship type (NS_IRELA - NS_IRELE).

PWID Network Size

INTRO_NS2a.1.	DISPLAY: "Now, I'm going to ask you about people you know. Specifically, I'm going to ask you how many people you know in [if the project area is Norfolk (IE2 EQ 5720), fill with "Hampton Roads", else, fill with project area (city name from IE2)] who inject and whom you have seen in the past <u>30 days</u> . I will not ask you questions about any specific person."
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NS2a.1. **Please tell me how many men in** [if the project area is Norfolk (IE2 EQ 5720) fill with "Hampton Roads", else, fill with project area (city name from IE2)] **you know who inject and whom you have seen in the past 30 days.** [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are male."]

NS_IDUMA # male IDUs known: net size

Range.....0-.7500.....

Don't Know.....9999.....

Refuse to Answer.....7777.....

NS2b.1. **How many women in** [if the project area is Norfolk (IE2 EQ 5720), fill with "Hampton Roads", else, fill with project

area (city name from IE2)] **do you know who inject and whom you have seen in the past 30 days?** [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are female."]

NS_IDUFE # female IDUs known: net size
 Range.....0-7500.....
 Don't Know.....9999.....
 Refuse to Answer.....7777.....

Check_CALC_NSC_IDUM	If (NS2a.1 EQ DK or REF) & (NS2b.1 EQ DK or REF), go to CALC_ENDNS. Else, go to CALC_NSC_IDUM.
----------------------------	---

CALC_NSC_IDUM.		
NSC_IDUM	# male IDUs known: calculated net size	NSC_IDUM = if(NS_IDUMA=.DK OR NS_IDUMA=.REF,0,NS_IDUMA)

CALC_NSC_IDUF.		
NSC_IDUF	# female IDUs known: calculated net size	NSC_IDUF = if(NS_IDUFE=.DK OR NS_IDUFE=.REF,0,NS_IDUFE)

CALC_NSC_IDUS.		
NSC_IDUS	# IDUs known: calculated net size	NSC_IDUS = NSC_IDUM+NSC_IDUF

Check_INTRO_NS3.	Go to CALC_ENDNS.
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HET Network Series

HET Recruiter Relationship

INTRO_NS3.	DISPLAY: "I'm going to start by asking you about the person who gave you this coupon and about other people you know in [if the project area is Norfolk (IE2 EQ 5720), fill with "Hampton Roads", else, fill with project area (city name from IE2)]. Please remember that your answers will be kept private."
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NS3. [Give Respondent Flashcard D.]

Which of the following describes how you know the person who gave you this coupon? You can choose more than one answer.

[READ choices. CHECK ALL that apply.]

- NS_HREL Relationship to Recruiter, HET
- NS_HRELA A relative or family member
- NS_HRELB A person you have sex with
- NS_HRELC A friend
- NS_HRELD An acquaintance, that is, a person you know but do not consider a friend
- NS_HRELE A stranger, you don't know the person or just met them

Refuse to Answer..... 7

Programming note: Don't allow stranger (NS_HRELE) to be selected with any other relationship type (NS_HRELA - NS_HRELD).

HET Network Size

INTRO_NS4a.1.	DISPLAY: "Now, I'm going to ask you about people you know. Specifically, I'm going to ask you about how many people you know in [if the project area is Norfolk (IE2 EQ 5720), fill with "Hampton Roads", else, fill with project area (city name from IE2)] whom you have seen in the past <u>30 days</u> . I will not ask you any questions about any specific person."
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Please tell me how many male friends, relatives or people you associate with have you seen in the past 30 days, who are at least 18 years old, and live in [if the project area is Norfolk (IE2 EQ 5720), fill with "Hampton Roads", else, fill with project area (city name from IE2)]. [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are male."]

NS4a.1.

NS_HETMA

males known: net size

Range.....0-.7500.....

Don't Know.....9999.....

Refuse to Answer.....7777.....

How many female friends, relatives, or people you associate with have you seen in the past 30 days, who are at least 18 years old, and live in [if the project area is Norfolk (IE2 EQ 5720), fill with "Hampton Roads", else, fill with project area (city name from IE2)]? [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are female."]

NS4b.1.

NS_HETFE

females known: net size

Range.....0-.7500.....

Don't Know.....9999.....

Refuse to Answer.....7777.....

Check_CALC_NSC_HETM.	If (NS4a.1 EQ DK or REF) & (NS4b.1 EQ DK or REF), go to CALC_ENDNS. Else, go to CALC_NSC_HETM.	
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CALC_NSC_HETM.		
NSC_HETM	# males known: calculated net size	NSC_HETM = if(NS_HETMA=.DK OR NS_HETMA=.REF,0,NS_HETMA)

CALC_NSC_HETF.		
NSC_HETF	# females known: calculated net size	NSC_HETF = if(NS_HETFE=.DK OR NS_HETFE=.REF,0,NS_HETFE)

CALC_NSC_HETS.		
NSC_HETS	# HETs known: calculated net size	NSC_HETS = NSC_HETM+NSC_HETF

CALC_ENDNS.		
ENDNS	Time network section ended	ENDNS = Current time

END_NS.	Go to Demographics Section (DM).	
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NHBS ROUND 8 QUESTIONNAIRE

DEMOGRAPHICS (DM)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label
Preset variables	--	CYCLE	NHBS Cycle
Preset variables	--	IDATE	Interview date
Interviewer Entered Information	IE2	CITYR8	City

Universe_DM.	All Eligible Rs who consent to interview.
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CALC_BEGDM.		
BEGDM	Time at beginning of DM section	BEGDM = Current time

Residence

INTRO_DM1.	<p>If MSM cycle (CYCLE EQ 1), DISPLAY: "I'd like to start by asking you some questions about where you live. Please remember your answers will be kept private."</p> <p>If IDU or HET cycle (CYCLE EQ 2 or 3), DISPLAY: "Next, I'd like to ask you some questions about where you live. Please remember your answers will be kept private."</p>
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DM1. In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, have you been homeless at any time? By homeless, I mean you were living on the street, in a shelter, in a Single Room Occupancy hotel (SRO), or in a car.

EVRHOMLS Homeless during past 12 months

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_DM1a.	<p>If R homeless in last 12 months (DM1 EQ 1), go to DM1a.</p> <p>Else, go to DM2.</p>
--------------------	--

DM1a. Are you currently homeless?

CURHMLSS Currently homeless

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

DM2. What zip code do you live in?

ZIP Zip code

Range.....00500-99501.....

Don't Know.....999999.....

Refuse to Answer.....777777.....

HardEdit_DM2.	If response to DM2 is not 5 digits long, DISPLAY: " INTERVIEWER: The ZIP code you entered was [fill with response to DM2]. This number should be 5 digits long. Please re-enter the zip code." Then, go back to DM2. Else, go to DM3.
----------------------	--

Nativity

DM3. Next, I would like to ask you some questions about your background. What country were you born in?

COUNTRY [DO NOT read choices.]
Country of birth

United States.....1.....

Mexico.....2.....

Puerto Rico.....3.....

Cuba.....4.....

Other.....5.....

Don't Know.....9.....

Refuse to Answer.....7.....

Check_DM3spec.	If R born in 'other' country (DM3 EQ 5), go to DM3spec. Else, go to Check_DM3a.
-----------------------	---

DM3spec. INTERVIEWER: Specify other country of birth

SPECBORN Specify country of birth

{text response; max length = 100 characters}

Check_DM3a.	If R interviewed in San Juan & born in Mexico, Cuba, or 'other' country (IE2 EQ 7440 & DM3 EQ 2, 4, or 5) or R interviewed in any other city & born in Mexico, Puerto Rico, Cuba, or 'other' country (IE2 NE 7440 & DM3 EQ 2, 3, 4, or 5), go to DM3a. Else, go to DM5.
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DM3a. What year did you first come to live in the United States?

YEARUSA Year first came to US

Range.....1900-2100.

Don't Know.....9999.....

Refuse to Answer.....7777.....

HardEdit_DM3a.	If DM3a after year of interview (DM3a AFTER IDATE (year)), DISPLAY: "INTERVIEWER: The year first came to US cannot be after the current year." Then, go back to DM3a. If DM3a before year of birth (DM3a BEFORE ES1 (year)), DISPLAY: "INTERVIEWER: The year first came to US cannot be before participant's birth year." Then, go back to DM3a. Else, go to DM5.
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Socioeconomic Status

DM5. What is the highest level of education you completed?

[DO NOT read choices.]

SCHOOL Education

Never attended school.....0.....

Grades 1 through 8.....1.....

Grades 9 through 11.....2.....

Grade 12 or GED.....3.....

- Some college, Associate's Degree, or Technical Degree.....4.....
- Bachelor's Degree.....5.....
- Any post graduate studies.....6.....
- Don't Know.....9.....
- Refuse to Answer.....7.....

DM6. What best describes your employment status? Are you:

[READ choices.]

EMPSTAT

Employment status

- Employed full-time.....1.....
- Employed part-time.....2.....
- A homemaker.....3.....
- A full-time student.....4.....
- Retired.....5.....
- Unable to work for health reasons.....6.....
- Unemployed.....7.....
- Other.....8.....
- Don't Know.....99.....
- Refuse to Answer.....77.....

INTRO_DM7.	<p>If R currently homeless (DM1a EQ 1), DISPLAY: "Next I'd like to ask you some questions about your income. By "income," I mean the total amount of money you earn or receive. This includes money other people share with you."</p> <p>Else, DISPLAY: "Next I'd like to ask you some questions about your household income. By "household income," I mean the total amount of money earned and shared by all people living in your household."</p>
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DM7. What was your [if R currently homeless (DM1a EQ 1), fill with "income", else, fill with "household income"] in [fill with year before interview, formatted as text] from all sources before taxes? Please take a look at this card and tell me the letter that best corresponds to your monthly or yearly income.

[Give Respondent Flashcard E.]

[DO NOT read choices.]

HHINCR6

Household Income

- A - 0 to \$416 (M) 0 to \$4,999 (Y).....0.....
- B - \$417 to \$833 (M) \$5,000 to \$9,999 (Y).....1.....
- C - \$834 to \$1041 (M) \$10,000 to \$12,499 (Y).....2.....
- D - \$1042 to \$1249 (M) \$12,500 to \$14,999 (Y).....3.....
- E - \$1250 to \$1666 (M) \$15,000 to \$19,999 (Y).....4.....
- F - \$1667 to \$2083 (M) \$20,000 to \$24,999 (Y).....5.....
- G - \$2084 to \$2499 (M) \$25,000 to \$29,999 (Y).....6.....
- H - \$2500 to \$2916 (M) \$30,000 to \$34,999 (Y).....7.....
- I - \$2917 to \$3333 (M) \$35,000 to \$39,999 (Y)8.....
- J - \$3334 to \$4166 (M) \$40,000 to \$49,999 (Y)9.....
- K - \$4167 to \$4999 (M) \$50,000 to \$59,999 (Y)10.....
- L - \$5000 to \$6249 (M) \$60,000 to \$74,999 (Y).....11.....
- M - \$6250 to \$8332 (M) \$75,000 to \$99,999 (Y)12.....
- N - \$8333 or more (M) \$100,000 or more (Y)13.....
- Don't Know.....99.....
- Refuse to Answer.....77.....

Check_DM7a.	If R reported income (DM7 GE 0 & LE 13), go to DM7a. Else, go to Check_CALC_POVERTY.
--------------------	---

DM7a.

Including yourself, how many people depended on this income?

[INTERVIEWER: Must be at least 1.]

DEPENDR6

Number of dependents

- —
- Range.....1-20
- Don't Know.....99
- Refuse to Answer.....77

Check_CALC_POVERTY	If HET cycle (CYCLE EQ 3), go to CALC_POVERTY. Else, go to INTRO_DM8.
---------------------------	--

CALC_POVERTY.		
POVERTY	Poverty status	If HHINCR6 =SK, POVERTY=. (not calculated). Else if (HHINCR6=DK or HHINCR6=REF), POVERTY= 9. Else if ((DEPENDR6=DK or DEPENDR6=REF or DEPENDR6=SK) & HHINCR6 > 4), POVERTY= 9. Else if (HHINCR6=0 or HHINCR6=1 or HHINCR6=2 or HHINCR6=3), POVERTY= 1. Else if (DEPENDR6= 1 & HHINCR6 > 4) or (DEPENDR6= 2 & HHINCR6 > 5) or (DEPENDR6= 3 & HHINCR6 > 6) or (DEPENDR6= 4 & HHINCR6 > 7) or (DEPENDR6= 5 & HHINCR6 > 8) or ((DEPENDR6=6 or DEPENDR6=7) & HHINCR6 > 9) or ((DEPENDR6=8 or DEPENDR6=9) & HHINCR6 >10) or ((DEPENDR6=10 or DEPENDR6=11 or DEPENDR6=12) & HHINCR6 >11) or ((DEPENDR6=13 or DEPENDR6=14 or DEPENDR6=15 or DEPENDR6=16) & HHINCR6 >12), POVERTY= 0. Else, POVERTY= 1.

CALC_LOWSES.		
LOWSES	Low socioeconomic status, for HETDEF calculation	If CYCLE=2 or CYCLE EQ 3, LOWSES=. (not calculated) LOWSES = IF(SCHOOL=0 or SCHOOL=1 or SCHOOL=2 or SCHOOL=3 or POVERTY=1), 1, 0).

Health Care Access & Utilization

INTRO_DM8.	DISPLAY: "The next questions are about health insurance. By health insurance, we mean health plans people get through employment or purchased directly, as well as government programs like Medicare and Medicaid that provide medical care or help pay medical bills."
-------------------	---

DM8. Do you currently have health insurance or health care coverage?

CURRHLTH Currently insured

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

Check_DM8a.	If R currently insured (DM8 EQ 1), go to DM8a. Else, go to DM8d.
--------------------	---

DM8a. What kind of health insurance or coverage do you currently have?

[Give Respondent Flashcard F.]

[READ choices. CHECK ALL that apply.]

- TYP_INS Type of health insurance
 - TYP_INSA A private health plan - through an employer or purchased directly
 - TYP_INSB Medicaid - for people with low incomes
 - TYP_INSC Medicare - for the elderly and people with disabilities
 - TYP_INSD Some other government plan
 - TYP_INSE TRICARE / CHAMPUS
 - TYP_INSF Veterans Administration coverage
 - TYP_INSG Some other health insurance
- Don't Know.....99.....
- Refuse to Answer.....77.....

Check_DM8aspec.	If R reported 'other' insurance type (TYP_INSG EQ 1), go to DM8aspec. Else, go to DM8b.
------------------------	--

DM8aspec. INTERVIEWER: Specify other health insurance or coverage:

SPECINS Specify other health insurance

{text response; max length = 100 characters}

DM8d. In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, have you seen a doctor, nurse, or other health care provider?

VSITMD12 Health care visit, 12 months

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

Check_DM8e.1.	If R saw health care provider (DM8d EQ 1), go to DM8e.1. Else, go to DM8f.
----------------------	---

DM8e.1. At any of those times you were seen, were you offered an HIV test? An HIV test checks whether someone has the virus that causes AIDS.

RECCHIV Provider offered HIV test, 12 months

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

Notes_UnmetNeedForCare. See [Measure References.](#)

DM8f. During the past 12 months, was there any time when you needed medical care but didn't get it because you couldn't afford it?

HCAFF Lacked health care due to cost

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

Disability

Notes_Disability.	See Measure References.
--------------------------	---

INTRO_DM9a. DISPLAY: "The next questions are about your overall health."

DM9a. **Are you deaf or do you have serious difficulty hearing?**
DISDEAF Disability - Hearing
No.....0.....
Yes.....1.....
Don't Know.....9.....
Refuse to Answer.....7.....

DM9b. **Are you blind or do you have serious difficulty seeing, even when wearing glasses?**
DISBLND Disability - Vision
No.....0.....
Yes.....1.....
Don't Know.....9.....
Refuse to Answer.....7.....

DM9c. **Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?**
DISCOGN Disability - Cognition
No.....0.....
Yes.....1.....
Don't Know.....9.....
Refuse to Answer.....7.....

DM9d. **Do you have serious difficulty walking or climbing stairs?**
DISWALK Disability - Ambulation
No.....0.....
Yes.....1.....
Don't Know.....9.....
Refuse to Answer.....7.....

DM9e. **Do you have difficulty dressing or bathing?**
DISCARE Disability - Self-care
No.....0.....
Yes.....1.....
Don't Know.....9.....
Refuse to Answer.....7.....

DM9f. **Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone, such as visiting a doctor's office or shopping?**
DISERND Disability - Errands
No.....0.....
Yes.....1.....
Don't Know.....9.....
Refuse to Answer.....7.....

Sexual identity

INTRO_DM10. If MSM cycle (CYCLE EQ 1), DISPLAY: "The next questions are about people you are attracted to."

If IDU or HET cycle (CYCLE EQ 2 OR 3), DISPLAY: "The next question is about people you are attracted to."

DM10. Do you consider yourself to be:

[READ choices.]

IDENTR7

Sexual identity

Heterosexual or "Straight".....1.....

Gay or Lesbian.....2.....

Bisexual.....3.....

Don't Know.....9.....

Refuse to Answer.....7.....

CALC_ENDDM.		
ENDDM	Time demographics section ended	ENDDM = Current time

END_DM.	Go to Social Experiences Section (SO).
---------	--

NHBS ROUND 8 QUESTIONNAIRE

SOCIAL EXPERIENCES (SO)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label
Preset variables	--	CYCLE	NHBS Cycle
Interviewer Entered Information	IE2	CITYR8	City
Eligibility Screener	ES9a	E_EVRMSW	Eligibility: MSM, Ever had sex with woman

Universe_SO.	All Rs in MSM cycle who are eligible for & consent to interview.
---------------------	--

CALC_BEGSO.		
BEGSO	Time at beginning of SO section	BEGSO = Current time

Check_SO1.	If MSM cycle (CYCLE EQ 1), go to SO1. Else, go to CALC_ENDSO.
-------------------	--

Identity disclosure – Health care provider

SO1. Have you ever told a health care provider that you are attracted to or have sex with men?

OUT_HCPR8 Disclosed sexuality - HCP

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

MSM Discrimination

Notes_MSMDiscrimination.	See Measure References .
---------------------------------	--

INTRO_SO3a.	DISPLAY: "The next questions are about things that may have happened to you in the past <u>12 months</u> , that is, since [fill with interview month, formatted as text] of last year. In the past 12 months..."
--------------------	---

SO3a. Were you called names or insulted because someone knew or assumed you were attracted to men?

DISC_VER Discrimination - Verbal

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

SO3b. Did you receive poorer service than other people in restaurants, stores, other businesses, or agencies because someone knew or assumed you were attracted to men?

DISC_SVC Discrimination - Poor service

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

SO3c. Were you treated unfairly at work or school because someone knew or assumed you were attracted to men?

DISC_WRK Discrimination - Work/school

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

Not Applicable.....8.....

SO3d. Were you denied or given lower quality health care because someone knew or assumed you were attracted to men?

DISC_HC Discrimination - Health care

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

Not Applicable.....8.....

SO3e. Were you physically attacked or injured because someone knew or assumed you were attracted to men?

DISC_ATT Discrimination - Phys assault

No.....0.....

Yes.....1.....

Don't Know.....9.....

Refuse to Answer.....7.....

Perceived community tolerance

INTRO_SO4.	<p>DISPLAY: "[Give Respondent Flashcard G.]</p> <p>Next, I'm going to read you a statement. Please tell me how strongly you agree or disagree with it, using one of the options on this card."</p>
-------------------	--

MOST PEOPLE in [if the project area is Norfolk (IE2 EQ 5720), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **are tolerant of gay and bisexual people. Do you...**

SO4. [READ choices.]

TOLGBR7 Comm. tolerance of gay and bisexual people

Strongly agree.....1.....

Agree.....2.....

Neither agree nor disagree.....3.....

Disagree.....4.....

Strongly disagree.....5.....

Don't Know.....9.....

Refuse to Answer.....7.....

CALC_ENDSO.		
ENDSO	Time SO section ended	ENDSO = Current time

END_SO.	Go to Sexual behavior section (SX).
----------------	-------------------------------------

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NHBS ROUND 8 QUESTIONNAIRE

SEXUAL BEHAVIOR (SX)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
Preset variables	--	CYCLE	NHBS Cycle
Preset variables	--	AGO12M_C	12 mos before interview: Century Month
Preset variables	--	IDATEY	Interview date: Year
Preset variables	--	IDATE	Interview date
Eligibility Screener	ES8a	RSEX	Respondent's sex
Eligibility Screener	ES9a	E_EVRMSW	Eligibility: MSM, Ever had sex with woman
Eligibility Screener	ES9b	E_EVRMSM	Eligibility: MSM, Ever had sex with man
Eligibility Screener	--	AGE	CAPI calculated age today

Universe_SX.	MSM cycle: Male Rs. PWID & HET cycles: Male and female Rs.
---------------------	---

CALC_BEGSX.		
BEGSX	Time at beginning of SX section	BEGSX = Current time

Check_INFO_SX.	If R is male or female (RSEX_YN EQ 1), go to INFO_SX. Else, go to CALC_ENDSX.
-----------------------	--

INFO_SX.	DISPLAY: "INTERVIEWER: Remember to read questions and definitions as worded.
-----------------	--

INTRO_SX.	DISPLAY: "Next, I'm going to ask you some questions about having sex. Please remember your answers will be kept private."
------------------	---

Universe_M_FSeries.	All male Rs in PWID and HET cycles. Male Rs who reported male-female sex ever in MSM cycles.
----------------------------	---

Check_M_FSeries.	If IDU or HET cycle & R is male ((CYCLE EQ 2 or 3) & (ES8a EQ 1)) or MSM cycle & ever had male-female sex (CYCLE EQ 1 & ES9a EQ 1), go to M_FSeries). If MSM cycle (CYCLE EQ 1) & R did not report male-female sex ever (ES9a NE 1), go to CALC_M_FHET.
-------------------------	--

	If R is female (E58a EQ 2), go to F_MSeries. Else, go END_SX.
--	--

M F Series: Male Rs – Female Sex Partners

INTRO_M_FSeries	[Give Respondent Flashcard I.] DISPLAY: "For these questions, "having sex" means oral, vaginal, or anal sex. Oral sex means mouth on the vagina or penis, vaginal sex means penis in the vagina, and anal sex means penis in the anus or butt. I need to ask you all the questions, even if some may not apply to your situation."
------------------------	---

M F: Sex with female Ps, lifetime

Check_SX1.	If IDU cycle (CYCLE EQ 2), go to SX1. If MSM or HET cycle (CYCLE EQ 1 or 3), go to SX2.
-------------------	--

SX1. Have you ever had vaginal sex or anal sex with a woman?

M_FEVER

M_F sex y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX3.	If R ever had male-female sex (SX1 EQ 1), go to SX3. Else, go to CALC_M_FHET.
-------------------	--

M F: Total Ps, 12m

SX3. In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, with how many different women have you had oral, vaginal, or anal sex?

M_FSX12

M_F Number of partners in last 12 months

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX3conf.	If HET cycle (CYCLE EQ 3) & R reports 0 female partners (SX3 EQ 0), go to SX3conf.
-----------------------	--

	Else, go to Check_SX7a.o.
--	---------------------------

SX3conf. I would like to clarify your response. You indicated that you haven't had sex with a woman in the past 12 months. Is that correct?

- C_M_F M_F Conf. had sex in past year - HET
- No - HAS had female partner..... 0
 - Yes - Has NOT had female partner..... 1
 - Don't Know..... 9
 - Refuse to Answer..... 7

HardEdit_SX3conf.	If R reports sex with a woman in past 12 months (SX3conf. EQ 0), DISPLAY: "INTERVIEWER: Please clarify then re-enter the number of women respondent had sex with in the past 12 months." Then, go back to SX3. Else, go to Check_SX7a.o.
--------------------------	--

M F: Vaginal Sex, 12m

Check_SX7a.o.	If 1 partner (SX3 EQ 1), go to SX7a.o. If multiple partners (SX3 GT 1), go to SX7a.m. If R reports no partners (SX3 EQ 0, DK, or REF) , go to CALC_M_FHET.
----------------------	--

VS - One Partner

SX7a.o. In the past 12 months, did you have vaginal sex with this woman?

- M_F1VS M_F VS partner - 12 months - y/n
- No..... 0
 - Yes..... 1
 - Don't Know..... 9
 - Refuse to Answer..... 7

Check_SX7a.m.	Go to Check_SX7b.o.
----------------------	---------------------

VS - Multiple Partners

SX7a.m. **Of your [fill with # partners (SX3)] female partners in the past 12 months, with how many did you have vaginal sex?**

M_FVS M_F VS partners - 12 months - number

— — — —

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX7a.m	If # VS partners GT # partners (SX7a.m. GT SX3), DISPLAY: " INTERVIEWER: The response entered is inconsistent with a prior response (number of female partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX7a.m. Else, go to Check_SX7b.o.
------------------------	--

Check_SX7b.o.	If 1 VS partner (SX7a.o EQ 1 or SX7a.m. EQ 1), go to SX7b.o. If multiple VS partners (SX7a.m GT 1), go to SX7b.m. If no VS partners ((SX7a.o EQ 0, DK, or REF) or (SX7a.m. EQ 0, DK, or REF)), go to Check_SX7c.o.
----------------------	--

UVS - One VS Partner

SX7b.o. **In the past 12 months, did you have vaginal sex with her without using a condom?**

M_F1UVS M_F UVS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX7b.m.	Go to Check_SX7c.o.
----------------------	---------------------

UVS - Multiple VS Partners

SX7b.m. **In the past 12 months, with how many of these [fill with # VS partners (SX7am)] women did you have vaginal sex**

without using a condom?

M_FUVS M_F UVS partners - 12 months - number

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX7b.m.	If # UVS partners GT # VS partners (SX7b.m. GT SX7a.m), DISPLAY: " INTERVIEWER: The response entered is inconsistent with a prior response (number of female vaginal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX7b.m. Else, go to SX7c.m.
-------------------------	--

Check_SX7c.o.	If 1 female partner (SX3 EQ 1), go to SX7c.o. Else, go to SX7c.m.
----------------------	--

M F: Ps – Anal Sex, 12m

AS - One Partner

SX7c.o. In the past 12 months, did you have anal sex with this woman?

M_F1AS M_F AS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX7c.m.	Go to Check_SX7d.o.
----------------------	---------------------

AS - Multiple Partners

SX7c.m. Of your [fill with # female partners (SX3)] female partners in the past 12 months, with how many did you have anal sex?

M_FAS M_F AS partners - 12 months - number

 Range.....0:Z000
 Don't Know.....9999
 Refuse to Answer.....7777

HardEdit_SX7c.m.	If # AS partners GT # partners (SX7c.m. GT SX3), DISPLAY: " INTERVIEWER: The response entered is inconsistent with a prior response (number of female partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX7c.m. Else, go to Check_SX7d.o.
-------------------------	--

Check_SX7d.o.	If 1 AS partner ((SX7c.o EQ 1) or (SX7c.m EQ 1)), go to SX7d.o. If multiple AS partners (SX7c.m GT 1), go to SX7d.m. If no AS partners ((SX7c.o EQ 0, DK, or REF) or (SX7c.m EQ 0, DK, or REF)), go to Check_SX7e.o.
----------------------	--

UAS - One AS Partner

SX7d.o. In the past 12 months did you have anal sex with her without using a condom?

M_F1UAS M_F UAS partner - 12 months - y/n

No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

Check_SX7d.m.	Go to Check_SX7e.o.
----------------------	---------------------

UAS - Multiple AS Partners

SX7d.m. In the past 12 months, with how many of these [fill with # AS partners (SX7c.m)] women did you have anal sex without using a condom?

M_FUAS M_F UAS partners - 12 months - number

 Range.....0:Z000

Don't Know.....9999

Refuse to Answer.....7777

<p>HardEdit_SX7d.m .</p>	<p>If # UAS partners GT # AS partners (SX7d.m GT SX7c.m), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of female anal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX7d.m. Else, go to Check_SX7e.o.</p>
-------------------------------------	---

<p>Check_SX7e.o.</p>	<p>If 1 partner (SX3 EQ 1), go to SX7e.o. If multiple partners (SX3 GT 1), go to SX7e.m.</p>
-----------------------------	--

M F: Ps - Exchange Sex, 12m

EX - One Partner

SX7e.o. In the past 12 months, did you give this woman money or drugs in exchange for having sex with you?

M_F1EG M_F Single exchange - gave

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

<p>Check_SX7e.m.</p>	<p>Go to CALC_M_FHET.</p>
-----------------------------	---------------------------

EX - Multiple Partners

SX7e.m. Of your [fill with # partners (SX3)] female partners in the past 12 months, how many did you give money or drugs in exchange for having sex with you?

M_FMEG M_F Multiple exchange gave

Range.....0:Z000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX7e.m.	If # exchange partners GT # partners (SX7e.m. GT SX3), DISPLAY: " INTERVIEWER: The response entered is inconsistent with a prior response (number of female partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX7e.m. Else, go to CALC_M_FHET.
-------------------------	---

CALC_M_FHET.		
M_FHET	M_F HET sex (Y/N)	M_FHET = IF ((M_FSX12=DK or M_FSX12=REF), 9, IF ((M_FSX12=0), 0, IF((M_FSX12=1),1, if ((M_FSX12>1),1,0))))

Check_M_MSeries.	If HET cycle & R did not report 1+ opposite-sex partners (CYCLE EQ 3 & M_FHET NE 1), go to CALC_ENDCORE. Else, go to M_MSeries.
-------------------------	--

Universe_M_MSeries.	All male Rs.
----------------------------	--------------

M_MSeries: Male Rs - Male Sex Partners

INTRO_SX9.	On one screen, DISPLAY: "Now I'm going to ask you some questions about having sex with other men. I need to ask you these questions even if some don't apply to you. Please remember your answers will be kept private. [Give Respondent Flashcard K.] On next screen, DISPLAY: "For these questions, "having sex" means oral or anal sex. Oral sex means he put his mouth on your penis or you put your mouth on his penis. Anal sex means you put your penis in his anus or butt or he put his penis in your anus or butt."
-------------------	---

M_M: Sex with male Ps, lifetime

Check_SX9.	If IDU or HET cycle, (CYCLE EQ 2 or 3), go to SX9. Else, go to SX11.
-------------------	---

SX9. Have you ever had oral or anal sex with a man?

M_MEVER M_M Sex with men - y/n

- No..... 0
- Yes..... 1
- Don't Know..... 9
- Refuse to Answer..... 7

Check_SX11.	If R reports sex with a man (SX9 EQ 1), go to SX11. Else, go to CALC_BEGLP.
--------------------	--

M M: Total Ps, 12m

SX11. In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, with how many different men have you had oral or anal sex?

M_MSX12 M_M Number of male partners - 12 months

— — — —

- Range.....0:7000
- Don't Know.....9999
- Refuse to Answer.....7777

M M: Ps - Anal Sex, 12m

Check_SX15a.o.	If 1 male partner (SX11 EQ 1), go to SX15a.o. If multiple male partners (SX11 GT 1), go to SX15a.m. If R reports no partners ((SX11 EQ 0, DK, or REF), go to CALC_BEGLP.
-----------------------	--

AS - One Partner

SX15a.o. In the past 12 months, did you have anal sex with this man?

M_M1AS M_M AS partner - 12 months - y/n

- No..... 0
- Yes..... 1
- Don't Know..... 9
- Refuse to Answer..... 7

Check_SX15a.m	Go to Check_SX15b.o.
----------------------	----------------------

AS - Multiple Partners

SX15a.m. **Of your [fill with # partners (SX11)] male partners in the past 12 months, with how many did you have anal sex?**

M_MAS M_M AS partners - 12 months - number

— — — —

Range.....0:Z000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX15a.m.	If # male AS partners GT # male partners (SX15a.m. GT SX11), DISPLAY: " INTERVIEWER: The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX15a.m. Else, go to Check_SX15b.o.
--------------------------	--

Check_SX15b.o.	If 1 AS partner ((SX15a.o EQ 1) or (SX15a.m. EQ 1)), go to SX15b.o. If multiple AS partners (SX15a.m GT 1), go to SX15b.m. If no AS partners ((SX15a.o EQ 0, DK, or REF) or (SX15a.m EQ 0, DK, or REF)), go to Check_SX15c.o.
-----------------------	---

UAS - One AS Partner

SX15b.o. **In the past 12 months, did you have anal sex with him without using a condom?**

M_M1UAS M_M UAS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX15b.m.	Go to Check_SX15c.o.
-----------------------	----------------------

UAS - Multiple Casual AS Partners

SX15b.m. In the past 12 months, with how many of these [fill with # AS partners (SX15a.m)] men did you have anal sex without using a condom?

M_MUAS M_M UAS partners - 12 months - number

— — — —

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX15b.m.	If # UAS partners GT # of AS partners (SX15b.m. GT SX15a.m.), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male anal sex partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX15b.m. Else, go to Check_SX15c.o.
--------------------------	---

M M: Ps - Exchange Sex, 12m

Check_SX15c.o.	If 1 male partner (SX11 EQ 1), go to SX15c.o. If multiple male partners (SX11 GT 1), go to SX15c.m. If R reports no male partners ((SX11 EQ 0, DK, or REF) go to CALC_BEGLP.
-----------------------	--

EX - One Partner

SX15c.o. In the past 12 months, did you give this man money or drugs in exchange for having sex with you?

M_M1EG M_M Single exchange gave

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

SX15d.o. In the past 12 months, did this man give you money or drugs to have sex with him?

M_M1ER M_M1 Single exchange received

No..... 0

Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

Check_SX15c.m.	Go to CALC_BEGLP.
----------------	-------------------

EX - Multiple Partners

SX15c.m. Of your [fill with # partners (SX11)] male partners in the past 12 months, how many did you give money or drugs in exchange for having sex with you?

M_MMEG

M_M Multiple exchange gave

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX15c.m.	If # exchange partners GT # partners (SX15c.m GT SX11), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX15c.m. Else, go to SX15d.m.
-------------------	---

SX15d.m. Of your [fill with # partners (SX11)] male partners in the past 12 months, how many gave you money or drugs to have sex with them?

M_MMER

M_M Multiple exchange received

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX15d.m.	If # exchange partners GT # partners (SX15d.m GT SX11), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX15d.m. Else, go to CALC_BEGLP.
-------------------	--

Check_F_MSeries.	Go to Last Partner Series (LPSeries).
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Universe_F_MSeries.	All female Rs.
----------------------------	----------------

F_MSeries: Female Rs - Male Sex Partners

INTRO_F_MSeries	[Give Respondent Flashcard I.] On next screen, DISPLAY: "For these questions, "having sex" means oral, vaginal, or anal sex. Oral sex means mouth on the vagina or penis, vaginal sex means penis in the vagina, and anal sex means penis in the anus or butt. I need to ask you all the questions, even if some may not apply to your situation."
------------------------	---

F_M: Sex with male Ps, lifetime

Check_SX17.	If IDU cycle (CYCLE EQ 2), go to SX17. If HET cycle (CYCLE EQ 3), go to SX18.
--------------------	--

SX17. Have you ever had vaginal sex or anal sex with a man?

F_MEVER

F_M sex y/no

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX18.	If R ever had sex with male partner (SX17 EQ 1), go to SX19. Else, go to CALC_F_MHET.
--------------------	--

F_M: Total Ps, 12m

SX19. In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, with how many different men have you had oral, vaginal, or anal sex?

F_MSX12

F_M Number of male sex partners - 12 months

 Range.....0:7000
 Don't Know.....9999
 Refuse to Answer.....7777

Check_SX19conf	If HET cycle (CYCLE EQ 3) & R reports 0 male partners (SX19 EQ 0), go to SX19conf. Else, go to Check_SX23a.o.
-----------------------	--

SX19conf. I would like to clarify your response. You indicated that you have not had sex with a man in the past 12 months. Is that correct?

C_F_M F_M Conf. had sex in past year - HET

No - HAS had male partner..... 0
 Yes - Has NOT had male partner..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

HardEdit_SX19conf.	If R reports sex with a man in past 12 months (SX19conf. EQ 0), DISPLAY: "INTERVIEWER: Please clarify then re-enter the number of men respondent had sex with in the past 12 months." Then, go back to SX19. Else, go to Check_SX23a.o.
---------------------------	--

F M: Ps - Vaginal Sex, 12m

Check_SX23a.o.	If 1 partner (SX19. EQ 1), go to SX23a.o. If multiple partners (SX19 GT 1), go to SX23a.m. If R reports no partners (SX19 EQ 0, DK, or REF) go to CALC_F_MHET.
-----------------------	--

VS - One Partner

SX23a.o. In the past 12 months, did you have vaginal sex with this man?

F_M1VS F_M VS partner - 12 months - y/n

No..... 0

Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

Check_SX23a.m	Go to Check_SX23b.o.
----------------------	----------------------

VS - Multiple Partners

SX23a.m. **Of your [fill with # partners (SX19)] male partners in the past 12 months, with how many did you have vaginal sex?**

F_MVS F_M VS partners - 12 months - number

— — — —

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX23a.m.	If # VS partners GT # partners (SX23a.m. GT SX19), DISPLAY: " INTERVIEWER: The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX23a.m. Else, go to Check_SX23b.o.
--------------------------	--

Check_SX23b.o.	If 1 VS partner (SX23a.o EQ 1 or SX23a.m. EQ 1), go to SX23b.o. If multiple VS partners (SX23a.m GT 1), go to SX23b.m. If no VS partners ((SX23a.o EQ 0, DK, or REF) or (SX23a.m. EQ 0, DK, or REF)), go to Check_SX23c.o.
-----------------------	--

UVS - One VS Partner

SX23b.o. **In the past 12 months, did you have vaginal sex with him without using a condom?**

F_M1UVS F_M UVS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX23b.m.	Go to Check_SX23c.o.
----------------	----------------------

UVS - Multiple VS Partners

SX23b.m. In the past 12 months, with how many of these [fill with # VS partners (SX23a.m)] men did you have vaginal sex without using a condom?

F_MUUVS F_M UVS partners - 12 months - number

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX23b.m.	If # UVS partners GT # VS partners (SX23b.m. GT SX23a.m), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male vaginal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX23b.m. Else, go to SX23c.m.
-------------------	--

Check_SX23c.o.	If 1 male partner (SX19 EQ 1), go to SX23c.o. Else, go to SX23c.m.
----------------	---

F M: Ps - Anal Sex, 12m

AS - One Casual Partner

SX23c.o. In the past 12 months, did you have anal sex with this man?

F_M1AS F_M AS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX23c.m.	Go to Check_SX23d.o.
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AS - Multiple Partners

SX23c.m. **Of your [fill with # partners (SX19)] male partners in the past 12 months, with how many did you have anal sex?**

F_MAS F_M AS partners - 12 months - number

— — — —

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX23c.m .	If # AS partners GT # partners (SX23c.m. GT SX19), DISPLAY: " INTERVIEWER: The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed. " Then, go back to SX23c.m. Else, go to Check_SX23d.o.
------------------------------	---

Check_SX23d.o.	If 1 AS partner ((SX23c.o EQ 1) or (SX23c.m EQ 1)), go to SX23d.o. If multiple AS partners (SX23c.m GT 1), go to SX23d.m. If no AS partners ((SX23c.o EQ 0, DK, or REF) or (SX23c.m EQ 0, DK, or REF)), go to Check_SX23e.o.
-----------------------	--

UAS - One AS Partner

SX23d.o. **In the past 12 months, did you have anal sex with him without using a condom?**

F_M1UAS F_M UAS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX23d.m .	Go to Check_SX23e.o.
---------------------------	----------------------

UAS - Multiple AS Casual Partners

SX23d.m. In the past 12 months, with how many of these [fill with # AS partners (SX23c.m)] men did you have anal sex without using a condom?

F_MUAS F_M UAS partners - 12 months - number

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX23d.m.	If # UAS partners GT # AS partners (SX23d.m GT SX23c.m), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male anal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX23d.m. Else, go to Check_SX23e.o.
--------------------------	--

Check_SX23e.o.	If 1 partner (SX19 EQ 1), go to SX23e.o. If multiple partners (SX19 GT 1), go to SX23e.m.
-----------------------	--

F M: Ps - Exchange Sex, 12m

EX - One Partner

SX23e.o. In the past 12 months, did this man give you money or drugs to have sex with him?

F_M1ER F_M1 Single exchange received

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX23e.m.	Go to CALC_F_MHET.
-----------------------	--------------------

EX - Multiple Partners

SX23e.m. Of your [fill with # partners (SX19)] male partners in the past 12 months, how many gave you money or drugs to have sex with them?

F_MMER F_M Multiple exchange received

 Range.....0:7000
 Don't Know.....9999
 Refuse to Answer.....7777

HardEdit_SX23e.m.	If # exchange partners GT # partners (SX23e.m. GT SX19), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX23e.m. Else, go to CALC_F_MHET.
--------------------------	---

CALC_F_MHET.		
F_MHET	F_M HET sex (Y/N)	F_MHET = IF ((F_MSX12=.DK or F_MSX12=.REF), 9, IF ((F_MSX12=0), 0, IF((F_MSX12=1),1, if ((F_MSX12>1),1,0))))

CALC_HETSEX.		
HETSEX	HET sex (Y/N)	HETSEX = IF (F_MHET = 1 or M_FHET=1) 1, 0.

Check_CALC_BEGLP.	If HET cycle & R did not report 1+ opposite-sex partners (CYCLE EQ 3 & F_MHET NE 1), go to CALC_ENDCORE. Else, go to CALC_BEGLP.
--------------------------	---

LastPartnerSeries

CALC_BEGLP.		
BEGLP	Time at beginning of Last Partner series	BEGLP = Current time

CALC_ASANY12M.		
ASANY12M	Any anal sex, 12m, for LP logic	If R reported anal sex in p 12m (M_F1AS or M_FAS or M_M1AS or M_MAS or F_M1AS or F_MAS GE 1 & NE DK, REF, or SK), ASANY12M=1. Else, ASANY12M=0.

CALC_EXANY12M.		
EXANY12M	Any exchange sex, 12m, for LP logic	If R reported exchange sex in p12m, (M_F1EG or M_FMEG, or M_M1EG or M_MMEG or M_M1ER or M_MMER or F_M1ER or F_MMER GE 1 & NE DK, REF, or SK), EXANY12M=1. Else, EXANY12M=0.

Check_INTRO_LPSeries.	If R is male & 1+ male or female sex partners 12m (ES8a EQ 1 & (M_FHET EQ 1 or M_MSX12 GE 1)) or R is female & had 1+ male sex partners 12m (ES8a EQ 2 & F_MHET EQ 1), go to INTRO_LPSeries. Else go to CALC_ENDSX.	
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Universe_LPSeries.	Male and female Rs with 1+ opposite sex or male-male partner in the past 12 months.
---------------------------	---

INTRO_LPSeries.	DISPLAY: "The next questions are about the last time you had sex [if R is female (ES8a EQ 2), fill with "with a man"]."
------------------------	---

LPSeries: Last Sex Date

INTRO_SX30.	DISPLAY: "First, please think about the last time you had [if R is male & reported only male partners 12m (ES8a EQ 1 & M_MSX12 GE 1 & M_FHET NE 1), fill with "oral or anal", else, fill with "oral, vaginal, or anal"] sex [if R is female (ES8a EQ 2), fill with "with a man"]."
--------------------	--

SX30. **When was the last time you had** [If R is male & reported only male partners 12m (ES8a EQ 1 & M_MSX12 GE 1 & M_FHET NE 1), fill with "oral or anal", else fill with "oral, vaginal or anal"] **sex** [if R is female (ES8a EQ 2), fill with "with a man"]? **Just tell me the month and year.**

LPDATE LP: date of most recent sex

__ / ____

Range (Year).....1900 - 2100

Don't Know (Year)..... 9999

Refuse to Answer (Year)..... 7777

CALC_LPDATE_C.	Century month version of	
LPDATE_C	LPDATE date	LPDATE_C= ((LPDATEY-1900)* 12) + LPDATEM.

Check_HardEdit_SX30.	If R did not report date of last sex with LP (SX30 EQ DK or REF), go to Check_SX31.
-----------------------------	---

	Else, go to HardEdit_SX30.
--	----------------------------

HardEdit_SX30.	<p>If R's date of last sex with LP after date of interview (LPDATE_C GT IDATE_C), DISPLAY: "INTERVIEWER: The date respondent last had sex cannot be after today's date." Then, go back to SX30.</p> <p>If date of last sex is more than 12 months before interview [(LPDATEM is missing) and ((IDATEY-LPDATEY) GE 2)] or (LPDATE_C LT AGO12M_C), DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (reported at least one sex partner in past 12 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX30.</p> <p>Else, go to Check_SX31.</p>
-----------------------	--

LP Series: LP Sex

Check_SX31.	<p>If R is male (ES8a EQ 1), go to SX31.</p> <p>Else go to SX32.</p>
--------------------	--

SX31. Is the person you had sex with that last time male or female?

LPSEX

LP: Sex

- Male..... 1
- Female..... 2
- Don't Know..... 9
- Refuse to Answer..... 7
- Not Applicable..... 8

LP Series: LP Type

Check_SX32.	<p>If R is male (ES8a EQ1) and LP sex NOT reported (SX31 EQ DK, REF, or NA), go to CALC_ENDSX.</p> <p>Else, go to Check_SX33a.</p>
--------------------	--

LP Series: Last Sex Event

LP: Last Sex - Exchange Sex

Check_SX33a.	<p>If LP is male or R is female (SX31 EQ 1 or ES8a EQ 2), & R reported exchange sex 12m (EXANY12M EQ 1), go to SX33a.</p> <p>Else, go to Check_SX33b.</p>
---------------------	---

SX33a. When you had sex that last time, did he give you money or drugs to have sex with him?

LPEXREC LP: Received money/drugs for sex at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX33b.	If R is male (ES8a EQ 1) & R reported exchange sex 12m (EXANY12M EQ 1), go to SX33b. Else, go to Check_SX34a.
---------------------	---

SX33b. When you had sex that last time, did you give [if LP is female (SX31 EQ 2), fill with "her"; Else, if LP is male (SX31 EQ 1), fill with "him"] money or drugs in exchange for having sex with you?

LPEXGAV LP: Gave money/drugs for sex at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

LP: Last Sex - Vaginal Sex

Check_SX34a.	If R is male and LP is male (ES8a EQ 1 and SX31 EQ 1), go to Check_SX34c. Else, go to SX34a.
---------------------	--

SX34a. When you had sex that last time, did you have vaginal sex?

LPLVS LP: VS at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX34b.	If R reported vaginal sex at last event (SX34a EQ 1), go to SX34b.
---------------------	--

	Else, go to Check_SX34c.
--	--------------------------

SX34b. During vaginal sex that last time, did you or your partner use a condom the whole time?

LPLVSCT

LP: Used condom during VS at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

LP: Last Sex - Anal Sex

Check_SX34c.	If R reported anal sex in past 12m (ASANY12M EQ 1), go to SX34c. Else, go to SoftEdit_SX34c.
---------------------	---

SX34c. When you had sex that last time, did you have anal sex?

LPLAS

LP: AS at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

SoftEdit_SX34c.	If no vaginal or anal sex at last event with LP (SX34a EQ 0) & (SX34c EQ 0 or SK), DISPLAY: "So, this means you only had oral sex the last time you had sex?" INTERVIEWER: If this is incorrect, GO BACK to the previous screens and re-enter the correct response. Then go to SX36a. Else, go to Check_SX34d.
------------------------	--

Check_SX34d.	If R reported anal sex at last event (SX34c EQ 1), go to SX34d. Else go to SX36a.
---------------------	--

SX34d. During anal sex that last time, did [if R is male & LP is female (ES8a EQ 1 & SX31 EQ 2), fill with "you", if R is female

(ES8a EQ 2), fill with "he", if R is male & LP is male (ES8a EQ 1 & SX31 EQ 1), fill with "you or your partner"] **use a condom the whole time?**

LPLASCT	LP: Used condom during AS at last event	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

LP: Last Sex - Partner HIV status

SX36a. **The last time you had sex with this partner, did you know** [if LP is male (SX31 EQ 1) or R is female (ES8a EQ 2), fill with "his"; if LP is female (SX31 EQ 2), fill with "her"] **HIV status?**

LPKNWSTS	LP: Knew partner HIV status at last event	
	No.....	0
	Yes.....	1
	Refuse to Answer.....	7

Check_SX36b.	If R knew LP HIV status (SX36a EQ 1), go to SX36b. Else, go to SX39a.
---------------------	--

What was [if LP is male (SX31 EQ 1) or R is female (ES8a EQ 2), fill with "his"; if LP is female (SX31 EQ 2), fill with "her"] **HIV status?**

SX36b. [DO NOT read choices.]

LPHIVSTS	LP: Partner HIV status at last event	
	HIV-negative.....	1
	HIV-positive.....	2
	Indeterminate.....	3
	Refuse to Answer.....	7

LP Series: Partner characteristics

LP: Relationship Length

How long have you been having a sexual relationship with this partner? Please tell me how many days, months, or years.

SX39a. [INTERVIEWER: If "one night stand," enter 0.]

LPLT_N LP: Relationship length - Number

— — — —

Range.....0:365

Don't Know.....999

Refuse to Answer.....777

Check_SX39b.	If relationship length at least one day (SX39a NE 0, DK or REF), go to SX39b. Else, go to CALC_LPRLLE1Y.
---------------------	---

SX39b. INTERVIEWER: Was this days or months or years?

LPLT_U LP: Relationship length - Unit

Days..... 0

Months..... 1

Years..... 2

CALC_LPRLLE1Y.		
LPRLLE1Y	Sexual relationship length for LP logic	If (LPLT_U=0 & LPLT_N<=365) or (LPLT_U=1 & LPLT_N<=12) or (LPLT_U=2 & LPLT_N<=1), LPRLLE1Y=1. Else, LPRLLE1Y=0.

LP: Partner risk

INTRO_SX40a.	DISPLAY: "Now I'm going to ask you some questions about experiences your partner may have had." [Give Respondent Flashcard O.]
---------------------	---

As far as you know, has [if LP is male (SX31 EQ 1) or R is female (ES8a EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] ever injected drugs like heroin, cocaine, or speed? Would you say [if LP is male (SX31 EQ 1) or R is female (ES8a EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"]:

SX40a.

[READ choices.]

LPIDU

LP: Ever injected

- Definitely did not..... 0
- Probably did not..... 1
- Probably did..... 2
- Definitely did..... 3
- Don't Know..... 9
- Refuse to Answer..... 7

Check_SX40d.	If R is female (ES8a EQ 2), go to SX40d. Else go to Check_SX41a.
---------------------	---

As far as you know, has he ever had sex with other men? Would you say he:

SX40d.

[READ choices.]

LPMSM

LP: Ever MSM

- Definitely did not..... 0
- Probably did not..... 1
- Probably did..... 2
- Definitely did..... 3
- Don't Know..... 9
- Refuse to Answer..... 7

LP: Concurrency

Check_SX41a.	If relationship was a one night stand (LPLT_N=0) or R did not report relationship length (LPLT_N EQ DK or REF), go to CALC_ENDLP. If relationship length GT 1y (LPRLLE1Y EQ 0), go to SX42a. Else, if relationship length LE 1y (LPRLLE1Y EQ 1), go to SX41a.
---------------------	---

SX41a.

As far as you know, during the time you were having a sexual relationship with this partner, did [if LP is male (SX31 EQ 1) or R is female (ES8a EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] have sex with other people?

Would you say [if LP is male (SX31 EQ 1) or R is female (ES8a EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"]:

[READ choices.]

LPPOTH

LP had other partners- relat ≤12m

- Definitely did not..... 0
- Probably did not..... 1
- Probably did..... 2
- Definitely did..... 3
- Don't Know..... 9
- Refuse to Answer..... 7

SX41b.

During the time you were having a sexual relationship with this partner, did you have sex with other people?

LPROTH

LP: R had other partners- relat ≤12m

- No..... 0
- Yes..... 1
- Don't Know..... 9
- Refuse to Answer..... 7

Check_SX42a.	Go to CALC_ENDLP.
---------------------	-------------------

As far as you know, during the past 12 months when you were having a sexual relationship with this partner, did [if LP is male (SX31 EQ 1) or R is female (ES8a EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] **have sex with other people? **Would you say** [if LP is male (SX31 EQ 1) or R is female (ES8a EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"]:**

SX42a.

[READ choices.]

LPPOTHYR

LP had other partners- relat >12m

- Definitely did not..... 0
- Probably did not..... 1
- Probably did..... 2
- Definitely did..... 3

Don't Know..... 9
 Refuse to Answer..... 7

SX42b. During the past 12 months when you were having a sexual relationship with this partner, did you have sex with other people?

LPROTHYR LP: R had other partners- relat >12m

No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

CALC_ENDLP.		
ENDLP	Time at end of last partner series	ENDLP = Current time

CALC_ENDSX.		
ENDSX	Time sexual behavior section ended	ENDSX = Current time

END_SX.	Go to Injection Drug Use Section (ID).
----------------	--

NHBS ROUND 8 QUESTIONNAIRE

INJECTION DRUG USE (ID)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
Preset variables	--	CYCLE	NHBS Cycle
Preset Variables	--	AGO12M_C	12 mos before interview: Century Month
Eligibility Screener	CALC_AGE	AGE	QDS calculated age today

UNIVERSE_ID.	All Eligible Rs who consented to interview and completed prior section.
---------------------	---

CALC_BEGID.		
BEGID	Time at beginning of ID section	BEGID = Current time

INTRO_Check_ID1.	DISPLAY: "The next questions are about injection drug use. This means injecting drugs yourself or having someone who isn't a health care provider inject you. Please remember your answers will be kept private."
-------------------------	---

Injection history, lifetime

Check_ID1.	If MSM or HET cycle (CYCLE EQ 1 or 3), go to ID1. Else, go to ID1a.
-------------------	--

ID1. Have you ever in your life shot up or injected any drugs other than those prescribed for you? By shooting up, I mean anytime you might have used a needle to inject drugs in your veins, under the skin, or in the muscle.

- EVRIINJ Ever Injected drugs
- No..... 0
- Yes..... 1
- Don't Know..... 9
- Refuse to Answer..... 7

Check_ID1a.	If R has ever injected (ID1 EQ 1), go to ID1a. Else, go to Check_CALC_LINJ12.
--------------------	--

ID1a. Think back to the very first time you injected any drugs, other than those prescribed for you. How old were you

when you first injected any drug?

AGEINJ

INJ Age at first injection

— —

Range.....0-75.....

Don't Know.....99.....

Refuse to Answer.....77.....

HardEdit_ID1a .	If age of first injection is greater than current age (ID1a GT AGE), DISPLAY: "INTERVIEWER: The age of first injection should be less than respondent's current age, ([fill with current age (AGE)])". Then, go back to ID1a. Else, go to Check_ID1b.num.
---------------------------	--

Check_ID1b.num .	If IDU cycle (CYCLE EQ 2), go to INTRO_ID2a. Else, go to ID1b.num.
----------------------------	---

Now, think about the last time you injected any drug. When was that - how many days or months or years ago did you last inject?

ID1b.num.

[INTERVIEWER: If today, enter "0"]

LINJN

When last injected, number

— — —

Range.....0-365.....

Don't Know.....999.....

Refuse to Answer.....777.....

Check_ID1b.dmy.	If R does not report time since last injection (ID1b.num EQ DK or REF), go to Check_CALC_LINJ12. If R last injected on day of interview (ID1b.num EQ 0), go to Check_INTRO_ID2a. Else, go to ID1b.dmy.
------------------------	--

ID1b.dmy.

INTERVIEWER: Was this days or months or years ago that you last injected?

LINJ_U

When last injected: day, month or year

of Days.....0.....

of Months.....1.....

of Years.....2.....

Check_INTRO_ID2a.	If R last injected in the past year (ID1b.num EQ 0 or (ID1b.num LE 12 & ID1b.dmy EQ 1) or (ID1b.num LE 365 & ID1b.dmy EQ 0) or (ID1b.num LE 1 & ID1b.dmy EQ 2)) go to INTRO_ID2a. Else, go to Check_CALC_LINJ12.
-------------------	--

UNIVERSE_InjectionFrequency.	All Rs who injected in the past year.
------------------------------	---------------------------------------

Injection Frequency, 12m

INTRO_ID2a.	DISPLAY: "The next questions are about injection drug use in the past <u>12 months</u> , that is, since [fill with interview month, formatted as text] of last year."
-------------	---

In the past 12 months, when you were injecting, about how often did you inject any drug?

ID2a. [READ choices.]

INJFX12 Overall injection frequency, 12m

- More than once a day..... 1
- Once a day..... 2
- More than once a week..... 3
- Once a week or less..... 4
- Don't Know..... 9
- Refuse to Answer..... 7

Check_ID2a.	If R injected more than once a day (ID2a EQ 1), go to ID2b. Else, go to Check_INTRO_ID3a.
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ID2b. **On a typical day, about how many times do you usually inject?**

INJFXDAY Average daily injection frequency

-
- Range.....0- 700.....
- Don't Know.....999.....

Refuse to Answer.....777.....

Check_INTRO_ID3a.	If IDU cycle (CYCLE EQ 2), go to INTRO_ID3a. If MSM or HET cycle (CYCLE EQ 1 or 3), go to ID4a.
--------------------------	--

INTRO_ID3a.	DISPLAY: "[Give Respondent Flashcard H.] I'm going to read you a list of drugs. For each drug I mention, please tell me how often you <u>injected</u> it in the past <u>12 months</u> ."
--------------------	---

How often did you inject speedball, which is heroin and cocaine together?

ID3a. [READ choices.]

INJ_SB

Speedball (heroin and cocaine together) frequency - 12 months

- More than once a day..... 1
- Once a day..... 2
- More than once a week..... 3
- Once a week or less..... 4
- Never..... 5
- Don't Know..... 9
- Refuse to Answer..... 7

How often did you inject heroin?

ID3b. [READ choices.]

INJ_HEROR8

Heroin, frequency - 12 months

- More than once a day..... 1
- Once a day..... 2
- More than once a week..... 3
- Once a week or less..... 4
- Never..... 5
- Don't Know..... 9
- Refuse to Answer..... 7

How often did you inject powder cocaine?

ID3c.

[READ choices.]

INJ_COKER8

Powder cocaine, frequency - 12 months

- More than once a day..... 1
- Once a day..... 2
- More than once a week..... 3
- Once a week or less..... 4
- Never..... 5
- Don't Know..... 9
- Refuse to Answer..... 7

How often did you inject crack cocaine?

ID3d.

[READ choices.]

INJ_CRACR8

Crack cocaine, frequency - 12 months

- More than once a day..... 1
- Once a day..... 2
- More than once a week..... 3
- Once a week or less..... 4
- Never..... 5
- Don't Know..... 9
- Refuse to Answer..... 7

How often did you inject methamphetamine, which includes meth, crystal meth, speed, or crank?

ID3e.

[READ choices.]

INJ_METH

Methamphetamine frequency - 12 months

- More than once a day..... 1
- Once a day..... 2
- More than once a week..... 3
- Once a week or less..... 4
- Never..... 5

Don't Know..... 9

Refuse to Answer..... 7

How often did you inject painkillers, such as Oxycontin, Dilaudid, morphine, Percocet, or Demerol?

ID3f. [READ choices.]

INJ_PAIN Painkillers frequency - 12 months

More than once a day..... 1

Once a day..... 2

More than once a week..... 3

Once a week or less..... 4

Never..... 5

Don't Know..... 9

Refuse to Answer..... 7

ID3g.1. As far as you know, did you inject fentanyl in the past 12 months?

IDFNTYNR7 Injected fentanyl 12m, y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_ID3g.2.	If IDg3.1 EQ 1, go to ID3g.2. Else, go to ID3h.1.
----------------------	--

In the past 12 months, how often did you inject fentanyl?

ID3g.2 [READ choices.]

INJ_FNTR7 Fentanyl frequency - 12 months

More than once a day..... 1

Once a day..... 2

- More than once a week..... 3
- Once a week or less..... 4
- Never..... 5
- Don't Know..... 9
- Refuse to Answer..... 7

Did you inject any other drugs in the past 12 months?

ID3h.1.

INJ_OTH

Other drug injected, 12m, y/n - IDU

- No..... 0
- Yes..... 1
- Don't Know..... 9
- Refuse to Answer..... 7

Check_ID3h.2 .	If R injected another drug in the past 12 months (ID3h.1 EQ 1), go to ID3h.2. Else, go to INTRO_ID5a.
--------------------------	--

ID3h.2.

What other drugs did you inject?

INJ_OTHS

INJ Other drug specify, 12m—IDU

{text response; max length = 100 characters}

- Don't Know 9
- Refuse to Answer 7

Check_ID4A .	Go to INTRO_ID5a.
------------------------	-------------------

ID4a.

In the past 12 months, which drug did you inject most often?

[Give Respondent Flashcard B.]

[READ choices.]

INJMOST1R8 Drug injected most often - 12 months - MSM, HET

Speedball, which is heroin and cocaine together..... 1

Heroin..... 2

Powder cocaine..... 3

Crack cocaine..... 4

Methamphetamine, also known as meth, crystal meth, speed,
or crank..... 5

Painkillers, such as Oxycontin, Dilaudid, morphine, Percocet, or
Demerol..... 6

Something else..... 7

Don't Know.....99

Refuse to Answer.....77

ID4b.1. Did you inject any other drugs in the past 12 months?

INJOTHNI Other drug injected, 12m, y/n - MSM, HET

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

<p>Check_ID4b.2 .</p>	<p>If R injected another drug in the past 12 months (ID4b.1 EQ 1), go to ID4b.2. Else, go to INTRO_ID5a.</p>
----------------------------------	--

What other drugs did you inject?

[Give Respondent Flashcard B.]

ID4b.2. [READ choices. CHECK ALL that apply.]

INJMOSTR8 Other drugs injected, 12m - MSM, HET

INJMOSTR8A Speedball, which is heroin and cocaine together

INJMOSTR8B Heroin

INJMOSTR8C Powder cocaine

INJMOSTR8D Crack cocaine

INJMOSTR8E Methamphetamine, also known as meth, crystal meth, speed, or crank

INJMOSTR8F Painkillers such as Oxycontin, Dilaudid, morphine, Percocet, or Demerol

INJMOSTR8G Something else

Don't Know.....99

Refuse to Answer.....77

INTRO_ID5a.	DISPLAY: "Next, I'm going to ask you about the needles you used in the past <u>12 months</u> , that is, since [fill with interview month, formatted as text] of last year. When I ask you about "needles," I'm talking about needles and syringes."
-------------	---

Injection Equipment Sharing, 12m

[Give Respondent Flashcard T.]

In the past 12 months when you injected, how often did you use a new, sterile needle? By a new, sterile needle, I mean a needle never used before by anyone, even you.

ID8. [READ choices.]

STERILE INJ Frequency used sterile needle - 12 months

Never..... 0

Rarely..... 1

About half the time..... 2

Most of the time..... 3

Always..... 4

Don't Know..... 9

Refuse to Answer..... 7

Notes_InjectionEquipmentSharing. See [Measure References](#).

INTRO_ID9	DISPLAY: "Next, I'm going to ask you about your injecting behaviors in the past <u>12 months</u> , that is, since [fill
-----------	---

	with interview month, formatted as text] of last year. When I ask you about "needles," I'm talking about needles and syringes."
--	---

In the past 12 months, how often did you use needles that someone else had already injected with?

[Give Respondent Flashcard T.]

ID13. [READ choices.]

SHARNdle Used needle after- frequency

- Never..... 0
- Rarely..... 1
- About half the time..... 2
- Most of the time..... 3
- Always..... 4
- Don't Know..... 9
- Refuse to Answer..... 7

In the past 12 months, how often did you give your needle to someone else to use after you had already injected with it?

[Give Respondent Flashcard T.]

ID14. [READ choices.]

GIVENDLE Gave needle after injected – freq.

- Never..... 0
- Rarely..... 1
- About half the time..... 2
- Most of the time..... 3
- Always..... 4
- Don't Know..... 9
- Refuse to Answer..... 7

In the past 12 months, how often did you use cookers, cottons, or water that someone else had already used?

[Give Respondent Flashcard T.]

ID15. [READ choices.]

SHARWORK Used cooker, cotton, water after - freq.

- Never..... 0
- Rarely..... 1
- About half the time..... 2
- Most of the time..... 3
- Always..... 4
- Don't Know..... 9
- Refuse to Answer..... 7

In the past 12 months, how often did you use drugs that had been divided with a syringe that someone had already injected with?

[Give Respondent Flashcard T.]

ID16. [READ choices.]

SAMESYR Used drugs divided up after - frequency

- Never..... 0
- Rarely..... 1
- About half the time..... 2
- Most of the time..... 3
- Always..... 4
- Don't Know..... 9
- Refuse to Answer..... 7

Check_CALC_LINJ12	If R reported whether ever injected (ID1 EQ 0 or 1) go to CALC_LINJ12. If R reported when last injected (ID1b.num NE DK, REF, or SK), go to CALC_LINJ12. Else, go to CALC_ENDID.
--------------------------	--

CALC_LINJ12.		
---------------------	--	--

LINJ12	Injected in last 12 months	$\text{LINJ12} = \text{IF}(\text{((LINJN=0)}, 1, \text{if}(\text{((LINJ_U=0 \& LINJN \leq 365)}, 1, \text{if}(\text{((LINJ_U=1 \& LINJN \leq 12)}, 1, \text{if}(\text{((LINJ_U=2 \& LINJN} \leq 1), 1, 0))))))$
--------	----------------------------	--

CALC_ENDID.		
ENDID	Time injection drug use section ended	ENDID = Current time

END_ID.	Go to Non-Injection Drug Use Section (ND).
----------------	--

NHBS ROUND 8 QUESTIONNAIRE

NON-INJECTION DRUG USE (ND)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label

UNIVERSE_ND	All Eligible Rs who consented to interview and completed prior section.		
-------------	---	--	--

CALC_BEGND.			
BEGND	Time at beginning of ND section	BEGND = Current time	

INTRO_ND.	DISPLAY: "Now I'm going to ask you about times you may have used drugs but did NOT inject them. This includes smoking, snorting, inhaling, or swallowing drugs like methamphetamine, cocaine, crack, or painkillers. Do NOT include marijuana."		
-----------	---	--	--

ND1. In the past **12 months**, that is, since [fill with interview month, formatted as text] of last year, have you used any drugs that were not prescribed for you [if IDU cycle (CYCLE EQ 2) or if R injected in past 12m (LINJ12 EQ 1), fill with "and that you did not inject"]?

- NIUSE12 Non-injection drug use - 12 months
- No..... 0
 - Yes..... 1
 - Don't Know..... 9
 - Refuse to Answer..... 7

Check_INTRO_ND2.	If R has used non-injection drugs other than marijuana (ND1 EQ 1), go to INTRO_ND2B. Else, go to CALC_ENDND.		
------------------	--	--	--

INTRO_ND2B.	<p>DISPLAY: "[Give Respondent Flashcard H.]</p> <p>READ: I'm going to read you a list of drugs. For each drug I mention, please tell me how often you used it in the past 12 months. Do NOT include the times that you injected or used drugs that were prescribed for you."</p>		
-------------	--	--	--

How often did you use methamphetamine, which includes meth, crystal meth, speed, or crank?

ND2B. [READ choices.]

ND_METH How often used methamphetamine past 12 months

- More than once a day..... 1
- Once a day..... 2
- More than once a week..... 3
- Once a week or less..... 4
- Never..... 5
- Don't Know..... 9
- Refuse to Answer..... 7

How often did you use crack cocaine?

ND2C. [READ choices.]

ND_CRACK How often used crack cocaine past 12 months

- More than once a day..... 1
- Once a day..... 2
- More than once a week..... 3
- Once a week or less..... 4
- Never..... 5
- Don't Know..... 9
- Refuse to Answer..... 7

How often did you smoke or snort powder cocaine?

ND2D. [READ choices.]

ND_COKE How often used powder cocaine that is smoked or snorted past 12 months

- More than once a day..... 1
- Once a day..... 2
- More than once a week..... 3
- Once a week or less..... 4

Never.....	5
Don't Know.....	9
Refuse to Answer.....	7

How often did you use downers (benzos) such as Klonopin, Valium, Ativan, or Xanax?

ND2E. [READ choices.]

ND_DOWN How often used downers (benzos) such as Valium past 12 months

More than once a day.....	1
Once a day.....	2
More than once a week.....	3
Once a week or less.....	4
Never.....	5
Don't Know.....	9
Refuse to Answer.....	7

How often did you use pain killers such as Oxycontin, Vicodin, morphine, or Percocet?

ND2F. [READ choices.]

ND_PAIN How often used pain killers such as Oxycontin, Vicodin past 12 months

More than once a day.....	1
Once a day.....	2
More than once a week.....	3
Once a week or less.....	4
Never.....	5
Don't Know.....	9
Refuse to Answer.....	7

How often did you smoke or snort heroin?

ND2H. [READ choices.]

- ND_HER How often used heroin that is smoked or snorted past 12 months
- More than once a day..... 1
 - Once a day..... 2
 - More than once a week..... 3
 - Once a week or less..... 4
 - Never..... 5
 - Don't Know..... 9
 - Refuse to Answer..... 7

ND21.1. As far as you know, did you use fentanyl in the past 12 months?

- NDFNTYN Used non-injection fentanyl 12m, y/n
- No..... 0
 - Yes..... 1
 - Don't Know..... 9
 - Refuse to Answer..... 7

Check_ND21.2.	If ND21.1 EQ 1, go to ND21.2. Else, go to ND2J.
----------------------	--

How often did you use fentanyl?

ND21.2. [READ choices.]

- ND_FNTR7 How often used fentanyl in past 12 months
- More than once a day..... 1
 - Once a day..... 2
 - More than once a week..... 3
 - Once a week or less..... 4
 - Never..... 5
 - Don't Know..... 9
 - Refuse to Answer..... 7

ND2J. In the past 12 months, have you used any other drugs that you did NOT inject?

ND_OTHYN Used other non-injection drugs past 12 mos

- No..... 0
- Yes..... 1
- Don't Know..... 9
- Refuse to Answer..... 7

Check_ND2J.spec. If R has used another non-injection drug (ND2J EQ 1), go to ND2J.spec.
Else, go to CALC_ENDND.

ND2J.spec. What other drugs did you use that you did NOT inject?

ND_OTHSP Other non-injection drugs

{text response; max length = 100 characters}

- Don't Know..... 9
- Refuse to Answer..... 7

CALC_ENDND.		
ENDND	Time ND section ended	ENDND = Current time

END_ND. Go to Drug Treatment Section (TX).

NHBS ROUND 8 QUESTIONNAIRE

DRUG OVERDOSE AND DRUG TREATMENT (TX)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
Eligibility Screener	ES12	E_USINJR8	Eligibility, drug usually injected Speedball (heroin and cocaine together) frequency - 12 months
Injection Drug Use	ID3a	INJ_SB	Heroin, by itself frequency - 12 months
Injection Drug Use	ID3b	INJ_HEROR8	Painkillers frequency - 12 months
Injection Drug Use	ID3f	INJ_PAIN	Drug injected most often - 12 months - MSM, HET
Injection Drug Use	ID4a	INJMOST1R8	Other drugs injected, 12m - MSM, HET
Injection Drug Use	ID4b.2.	INJMOSTR8	How often used pain killers such as Oxycontin, Vicodin past 12 months
Non-Injection Drug Use	ND2F	ND_PAIN	How often used heroin that is smoked or snorted past 12 months
Non-Injection Drug Use	ND2H	ND_HER	How often used non-injected fentanyl past 12 months
Non-Injection Drug Use	ND2I	ND_FNTR7	

UNIVERSE_TX.	All Eligible Rs who consented to interview and completed prior section.
---------------------	---

CALC_BEGTX.		
BEGTX	Time at beginning of TX section	BEGTX = Current time

Drug Treatment

INTRO_TX1.	DISPLAY: "Next, I'm going to ask you about programs that you may have participated in to treat drug use. These include out-patient, in-patient, residential, detox, or 12-step programs."
-------------------	---

TX1. Have you participated in a program to treat drug use in the past 12 months, that is since [fill with interview month, formatted as text] of last year?

- DRUGTXR5 Drug treatment - 12 months
- No..... 0
 - Yes..... 1
 - Don't Know..... 9
 - Refuse to Answer..... 7

Medication-Assisted Drug Treatment

Check_INTRO_TX3	If R has used opioids or heroin in the past 12 months (ES12 EQ 1 OR ES12 EQ 2 OR ES12 EQ 6 OR ID3A LT 5 OR ID3B LT 5 OR ID3F LT 5 or ID3g.2 LT 5 OR ID4a EQ 1,2, or 6 OR INJMOSTR8A EQ 1 OR INJMOSTR8B EQ 1 OR INJMOSTR8F EQ 1 OR ND2F LT 5 OR ND2H LT 5 OR ND2I.2 LT 5 OR ID3g.1 EQ 1) go to INTRO_TX3Else, go to ENDTX.
------------------------	---

INTRO_TX3.	DISPLAY: "Now, I am going to ask you about your experiences with taking medicines to treat drug use, like methadone, buprenorphine, Suboxone or Subutex. Please only think about these medicines given to you by a doctor or other health care provider."
-------------------	---

TX3. Have you taken medicines, like methadone, buprenorphine, Suboxone or Subutex, to treat drug use in the past 12 months?

MAT

Drug tx - meds in past 12 months

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

TX4. In the past 12 months, did you try to get medicines, like methadone, buprenorphine, Suboxone or Subutex, to treat drug use but were unable to?

MATTRY

Drug tx - tried to get meds

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Overdose

INTRO_TX5.	DISPLAY: "The next question is about overdose. By overdose, I mean you passed out, turned blue, or stopped breathing from using drugs. "
-------------------	--

TX5. In the past 12 months, did you overdose on heroin, fentanyl, or painkillers?

OVERDOSER8 Overdosed in past 12 months

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

CALC_ENDTX.		
ENDTX	Time drug treatment section ended	ENDTX = Current time

END_TX.	Go to HIV Testing Experiences Section (HT).
----------------	---

NHBS ROUND 8 QUESTIONNAIRE

HIV TESTING EXPERIENCES (HT)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label
Preset Variables	--	IDATE	Interview date
Preset Variables	--	IDATEY	Interview date: Year
Preset Variables	--	IDATE_C	Interview date: Century Month
Preset Variables	--	AGO12M_C	12 mos before interviewe: Century Month
Eligibility Screener	ES1	DOB	Date of birth
Interviewer Entered Information	IE2	CITYR8	City

Universe_HT. All Eligible Rs who consented to interview and completed prior section.

CALC_BEGHT.		
BEGHT	Time at beginning of HIV testing section	BEGHT = Current time

HIV Test, Ever

INTRO_HT1. DISPLAY: "Now I'm going to ask you a few questions about getting tested for HIV. Remember, an HIV test checks whether someone has the virus that causes AIDS."

HT1. **Have you ever had an HIV test?**
 EVERTEST Ever tested for HIV
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

HIV Status, Self-Report

Check_HT2. If R ever tested for HIV (HT1 EQ 1), go to HT2.
 ,Else, go to CALC_ENDHT.

HT2. **Have you ever tested positive for HIV, that is, do you have HIV?**
 EVERPOS Ever test positive for HIV
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

Check_NSRRSeries. If R ever tested HIV-positive (HT2 EQ 1), go to Self-reported Positive (SRP) series.
 If R ever tested & did NOT report ever testing HIV-positive (HT1 EQ 1) & (HT2 EQ 0, DK, or REF), go to Non-Self-reported Positive (NSRP) Series.

Universe_NSRRSeries. Rs who ever tested and did NOT report ever testing HIV-positive.

Non-Self-reported Positive (NSRP) Series

HIV Testing, Recent

HT4. **When did you have your most recent HIV test? Please tell me the month and year.**
 RCNTST Date of most recent HIV test
 ___/___/____ (MM/YYYY)
 Range (Year)1900-2100
 Don't Know (Year)..... 9999
 Refuse to Answer (Year)..... 7777

Check_CALC_RCNTST_C.	If R did not report when they had their most recent HIV test, (HT4 EQ DK or REF), go to Check_HT4conf. Else, go to CALC_RCNTST_C.
-----------------------------	---

CALC_RCNTST_C.	Century month version of RCNTST date	$RCNTST_C = ((RCNTSTY - 1900) * 12) + RCNTSTM.$
-----------------------	--------------------------------------	--

SoftEdit_HT4.	If year of most recent test is before 1985 (HT4 (year) LT 1985), DISPLAY: " INTERVIEWER: HIV testing was not widely available before 1985. Please confirm the year of the most recent HIV test. If [fill with response to HT4 (year)] is NOT correct, please go back to the previous screen and re-enter the correct year." Then go to HardEdit_HT4.
----------------------	---

HardEdit_HT4.	<p>If HT4 after interview date ((RCNTST_C GT IDATE_C) or (RCNTSTY AFTER IDATEY)), DISPLAY: "INTERVIEWER: The date of the most recent HIV test cannot be after today's date." Then, go back to HT4.</p> <p>If HT4 before date of birth (HT4 BEFORE ES1), DISPLAY: "INTERVIEWER: The date of respondent's most recent HIV test cannot be before the date of birth, [fill with response to ES1, formatted as Month DD, YYYY]." Then go back to HT4.</p> <p>Else, go to Check_HT4conf.</p>
----------------------	--

Check_HT4conf.	If R did not know either month or year of last test (HT4 EQ DK), or if year of last test is year before interview year & month of last test not reported ((HT4Y EQ IDATEY-1) & (HT4M is missing), go to HT4conf. Else, go to HT4b.
-----------------------	--

HT4conf. **Was your most recent HIV test in the past 12 months, that is, since [fill with interview month, formatted as text] of last year?**
 C_RCNTST HIV test in 12 months - y/n
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

HT4b. **Did you get the result of your most recent HIV test?**
 GOTRCNT Got result most recent HIV test
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

Check_HT4c. If R received result of recent test (HT4b EQ 1), go to HT4c.
Else, go to CALC_ENDHT.

What was the result of your most recent HIV test?

HT4c. [READ choices.]
RCNTRST Result most recent HIV test

Negative, you do NOT have HIV.....	1
Positive, you DO have HIV.....	2
Don't Know.....	9
Refuse to Answer.....	7

Check_SRPSeries.. If recent test result was positive (HT4c EQ 2), go to Self-Reported HIV-Positive (SRP) Series.
.
Else, go to CALC_ENDHT.

Universe_SRPSeries. Rs who reported ever testing HIV-positive.

Self-Reported HIV-positive (SRP) Series

HIV Test, First Positive

HT7. **When did you first test positive? Please tell me the month and year.**
POS1ST Date of first positive test
____ / ____ ____ (MM/YYYY)
Range (Year) 1900-2100
Don't Know (Year)..... 9999
Refuse to Answer (Year)..... 7777

Check_CALC_POS1ST_C If R did not report when they first tested positive (HT7 EQ DK or REF), go to HT9.
.
Else, go to CALC_POS1ST_C.

CALC_POS1ST_C. Century month version of POS
POS1ST_C 1ST date $POS1ST_C = ((POS1STY-1900)*12) + POS1STM$

SoftEdit_HT7. If year of first positive test is before 1985 (HT7 (year) LT 1985), DISPLAY: "INTERVIEWER: HIV testing was not widely available before 1985. Please confirm the year respondent first tested HIV-positive. If [fill with response to HT7 (year)] is NOT correct, please go back to the previous screen and re-enter the correct year." Then go to HardEdit_HT7.

HardEdit_HT7. If date R first tested positive after interview date ((POS1ST_C GT IDATE_C) or (POS1STY AFTER IDATEY)), DISPLAY: "INTERVIEWER: The date respondent first tested HIV-positive cannot be after today's date." Then, go back to HT7.

If date R first tested positive before date of birth (HT7 BEFORE ES1), DISPLAY: "INTERVIEWER: The date respondent

first tested HIV-positive cannot be before the date of birth, [fill with response to ES1, formatted as Month DD, YYYY]." Then go back to HT7.

If date R first tested positive after most recent test date ((POS1ST_C GT RCNTST_C) or (POS1STY AFTER RCNTSTY)),
 DISPLAY: "**INTERVIEWER:** The date respondent first tested HIV-positive cannot be after the most recent test [if month & year of last test are known, fill with response to HT4, formatted as "in month, YYYY"; if month missing but year known, fill with response to HT4 (year), formatted as "in YYYY"]., Then go back to HT7.

Else, go to HT9.

HIV Medications

Universe_HIVMedications. Rs who reported having seen a health care provider for HIV care.

HT9.	Are you currently taking antiretroviral medicines to treat your HIV infection?	
CURRAMED	Currently taking antiretrovirals	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

CALC_ENDHT.		
ENDHT	Time HIV testing section ended	ENDHT = Current time

END_HT. Go to Health Conditions Section (HC).

NHBS ROUND 8 QUESTIONNAIRE

HEALTH CONDITIONS (HC)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
Preset Variables	--	AGE	QDS calculated age today
Preset variables	--	CYCLE	NHBS Cycle

Universe_HC. All Eligible Rs who consented to interview and completed prior section.

CALC_BEGHC.		
BEGHC	Time at beginning of HC section	BEGHC = Current time

INTRO_HealthConditions. DISPLAY: "Next, I'd like to ask you some questions about your health."

Hepatitis C (HCV)

INTRO_HC1. DISPLAY: "The first questions are about hepatitis C. There are three common types of hepatitis- hepatitis A, hepatitis B and hepatitis C. Hepatitis C is spread through infected blood and is the type of hepatitis that DOES NOT have a vaccine."

HC1. **Have you ever been tested for hepatitis C infection?**
 EVRHCTST Ever tested for HCV
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

Check_HC2a. If R ever tested for hepatitis C (HC1 EQ 1), go to HC2a.
 Else, go to INTRO_HC5a.

HC2a. **In what year did you have your most recent hepatitis C test?**
 RCHCTST When most recent HCV test
 ----- 1900-2100
 Don't Know..... 9999
 Refuse to Answer..... 7777

HardEdit_HC2a. If year of most recent hepatitis test after current year (RCHCTSTY GT IDATEY), Display: "INTERVIEWER: The year of the most recent hepatitis C test cannot be after the current year". Then, go back to HC2a.
 Else, go to HC3.

HC3. Has a doctor, nurse, or other health care provider ever told you that you had hepatitis C?
 HEPCEVER Ever told had hepatitis C by doctor or nurse
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

HC4b. Have you ever taken medicine to treat your hepatitis C infection?
 HCVMEDS Ever taken medicine to treat HCV
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

Sexually Transmitted Diseases

INTRO_HC5a. DISPLAY: "Now, I'm going to ask you some questions about sexually transmitted diseases, or STDs, other than HIV and hepatitis."

HC6. In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, were you tested by a doctor or other health care provider for a sexually transmitted disease like gonorrhea, chlamydia, or syphilis? Do NOT include tests for HIV or hepatitis.
 STDTEST Tested for STD past 12 months
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

INTRO_HC8a. DISPLAY: "In the past 12 months, has a doctor or other health care provider told you that you had...
 [READ choices. CHECK YES or NO for each one.]"

HC8a. Gonorrhea?
 GONORR Gonorrhea past 12 months
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

HC8b. Chlamydia?
 CHLAMYD Chlamydia past 12 months
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

HC8c.	Syphilis?	
SYPHILIS	Syphilis past 12 months	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

INTRO_HC9a. DISPLAY: "Doxycycline – or Doxy, for short - is a common antibiotic. Taking it within a day or two after sex can lower the chances of getting certain sexually transmitted diseases, like gonorrhea, chlamydia, and syphilis. This is sometimes called doxycycline post-exposure prophylaxis, or Doxy PEP."

HC9a.	Before today, have you ever heard of Doxy PEP?	
DOXAWRR8	Doxy PEP, Awareness	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

Check_HC9b. If R aware of Doxy PEP (HC9a EQ 1), go to HC9b.
Else, go to INTRO_HC10a.

HC9b.	In the past <u>12 months</u>, have you used Doxy PEP to reduce your chances of getting gonorrhea, chlamydia, or syphilis?	
DOXUS12R8	Doxy PEP use, 12m (y/n)	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

Psychological Distress – Kessler-6 (K6) scale

Notes_K6Scale. See [Measure References](#).

INTRO_HC10a. DISPLAY: [Give Respondent Flashcard Y.]

"These next questions ask how you have been feeling during the past 30 days. Please tell me how you have been feeling using one of the options on this card."

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

HC10a.	[READ choices.]	
FEELNERV	How often nervous in past 30 days	
	All of the time.....	0
	Most of the time.....	1
	Some of the time.....	2
	A little of the time.....	3
	None of the time.....	4
	Don't Know.....	9
	Refuse to Answer.....	7

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

HC10b.
FEELHOPE

- [READ choices.]
- How often hopeless in past 30 days
- All of the time..... 0
- Most of the time..... 1
- Some of the time..... 2
- A little of the time..... 3
- None of the time..... 4
- Don't Know..... 9
- Refuse to Answer..... 7

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

HC10c.
FEELREST

- [READ choices.]
- How often restless in past 30 days
- All of the time..... 0
- Most of the time..... 1
- Some of the time..... 2
- A little of the time..... 3
- None of the time..... 4
- Don't Know..... 9
- Refuse to Answer..... 7

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

HC10d.
FEELSAD

- [READ choices.]
- How often sad/depressed in past 30 days
- All of the time..... 0
- Most of the time..... 1
- Some of the time..... 2
- A little of the time..... 3
- None of the time..... 4
- Don't Know..... 9
- Refuse to Answer..... 7

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

HC10e.
FEELEFRT

- [READ choices.]
- How often everything an effort in past 30 days
- All of the time..... 0
- Most of the time..... 1
- Some of the time..... 2
- A little of the time..... 3
- None of the time..... 4
- Don't Know..... 9
- Refuse to Answer..... 7

During the past 30 days, how often did you feel down on yourself, no good or worthless?

HC10f.
FEELDOWN

- [READ choices.]
- How often down in past 30 days
- All of the time..... 0
- Most of the time..... 1
- Some of the time..... 2
- A little of the time..... 3
- None of the time..... 4

Don't Know..... 9
Refuse to Answer..... 7

CALC_ENDHC.		
ENDHC	Time health conditions section ended	ENDHC = Current time

END_HC.	Go to Prevention Activities Section (PA).
----------------	---

NHBS ROUND 8 QUESTIONNAIRE

PREVENTION ACTIVITIES (PA)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label
Preset Variables	--	CYCLE	NHBS Cycle
Injection Drug Use	--	LINJ12	injected in last 12 months
Injection Drug Use	ID8	STERILE	INJ Frequency used sterile needle- 12 months
Eligibility Screener	--	E_INJ12	injected in last 12 months
HIV Testing	HT2	EVERPOS	Ever test positive for HIV
HIV Testing	HT4c	RCNTRST	Result most recent HIV test

Universe_PA. All Eligible Rs who consented to interview and completed prior section.

CALC_BEGPA.		
BEGPA	Time at beginning of PA section	BEGPA = Current time

HIV Prevention Resources

Check_INTRO_PA. If R injected in p 12m (LINJ12 EQ 1 or E_INJ12 EQ 1), or R did not self-report having HIV (HT2 NE 1 & HT4c NE 2), go to INTRO_PA.
Else, go to Check_INTRO_PA5.

INTRO_PA. DISPLAY: "Now, I'd like to ask you about HIV prevention activities."
Check_PA2a. If R injected in p 12m (LINJ12 EQ 1 OR E_INJ12 EQ 1), go to PA2a.
Else go to Check_INTRO_PA5.

PA2a. **STLNDL12** In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, have you gotten any new sterile needles? By new sterile needle, I mean no one - not even you - had ever used it before.
Got new sterile needles, 12m
No..... 0
Yes..... 1
Don't Know..... 9
Refuse to Answer..... 7

Check_PA2b. If R got new sterile needles (PA2a EQ 1), go to PA2b. Else, go to PA2c.

[Give Respondent Flashcard AA]

From which of the following places or people did you get new sterile needles in the past 12 months? You may choose more than one option.

PA2b. [READ CHOICES. CHECK ALL that apply.]
SNDLSRCR7 Sources of new sterile needles, 12m
SNDLSRCR7A Needle or syringe exchange program

SNDLRRCR7B	Someone who got them from a needle exchange	
SNDLRRCR7C	Pharmacy or other store	
SNDLRRCR7D	Doctor's office, clinic, or hospital	
SNDLRRCR7E	Some other place	
	Don't Know.....	9
	Refuse to Answer.....	7

PA2c. In the past 12 months, did you try to get new, sterile needles but were unable to?

SNDLTRY	Tried to get new sterile needles	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

PrEP/PEP

Universe_PrEP.	Rs who did not self-report HIV-positive.
-----------------------	--

Check_INTRO_PA5.	If R did not self-report being HIV-positive (HT4c NE 2 and HT2 NE 1), go to INTRO_PA5. If R reported being HIV-positive (HT2 EQ 1 or HT4c EQ 2), go to CALC_ENDPA.
-------------------------	---

INTRO_PA5.	DISPLAY: "The next questions are about the use of anti-HIV medicines, also called antiretrovirals. There are two ways that people who are HIV-negative can take anti-HIV medicines to reduce their risk of becoming infected."
-------------------	--

PEP use, 12m

PA5. When a person who is HIV-negative takes pills for 28 days after a single high-risk exposure to reduce their chances of getting HIV, this is called POST-exposure prophylaxis, or PEP. In the past 12 months, have you taken PEP?

PEPUSE	PEP, use, 12m	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

PrEP Awareness

PA6a. PRE-exposure prophylaxis, or PrEP, is an antiretroviral medicine, such as Truvada, that is used for months or years by a person who is HIV-negative to reduce the risk of getting HIV. Before today, have you ever heard of PrEP?

PRPAWRR7	PrEP, awareness	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

PrEP use, 12m

Check_PA6b.	If R aware of PrEP (PA6a EQ 1), go to PA6b. Else, go to CALC_ENDPA.
--------------------	--

PA6b. In the past 12 months, have you had any discussion with a health care provider about using PrEP?
PRPDSCR7 PrEP, discussed with HCP, 12m

No.....	0
Yes.....	1
Don't Know.....	9
Refuse to Answer.....	7

PA6c. In the past 12 months, have you used PrEP to reduce the risk of getting HIV?

PRPUS12R7

PrEP use, 12m (y/n)

No.....	0
Yes.....	1
Don't Know.....	9
Refuse to Answer.....	7

Check_PA6e.1. If R reported using PrEP, 12m (PA6c EQ 1), go to PA6e.1.
 If R reported not using PrEP, 12m, (PA6c EQ 0) go to Check_INTRO_PA7a.
 Else, go to CALC_ENDPA.

PA6e.1. When was the last time you used PrEP? That is, how many days, weeks, or months ago did you last use PrEP?

[INTERVIEWER: If today, enter "0".]

PRPLDNR7

Time since last PrEP, number

— — —

Range.....	0-365.....
Don't Know.....	999.....
Refuse to Answer.....	777.....

Check_PA6e.2. If R last took PrEP at least 1 day ago (PA6e.1. GE 1), go to PA6e.2.
 Else, go to CALC_PRP30D.

PA6e.2. INTERVIEWER: Was this days, weeks, or months?

PRPLDU

Time since last PrEP, unit

Days.....	0.....
Weeks.....	1.....
Months.....	2.....

CALC_PRP30D.

PRP30D	Took PrEP in past 30 days	PRP30D = if (PRPLDNR7=DK or PRPLDNR7=REF), ., if((PRPLDNR7=0), 1, if((PRPLDU=0 & PRPLDNR7<=31), 1, if((PRPLDU=1 & PRPLDNR7<=5), 1, if((PRPLDU=2 & PRPLDNR7<= 1), 1, 0))))))
---------------	---------------------------	--

PA6f. Currently, PrEP is available in 2 main forms. People can take PrEP pills, or they can get long-acting PrEP injections, that is shots, from a healthcare provider.

The last time you used PrEP, was it a pill or an injection?

PRPLFORM	Last PrEP, form (pill or shot)	
	Pill.....	1
	Injection.....	2
	Don't Know.....	9
	Refuse to Answer.....	7

Check_PA6g.1.	If R's last PrEP was pill (PA6f EQ 1), go to PA6g.1. If R's last PrEP was an injection (PA6f EQ 2), go to PA6g.2. Else, go to Check_INTRO_PA7a.
----------------------	---

PrEP. Drug Last Used

PA6g.1. Which PrEP drug did you use the last time you used PrEP?

[READ choices.]

PRPDRGR8A	PrEP, Drug last used (pills)
	Truvada, either brand or generic.....10.....
	Descovy20.....
	Something else.....50.....
	Don't Know.....99.....
	Refuse to Answer.....77.....

Check_PA6g.2.	Go to Check_INTRO_PA6j.
----------------------	-------------------------

PA6g.2. That last time you used PrEP, which injection did you get? Was it Apretude, which is a shot given every other month, Yeztugo, which is a PrEP shot given every 6 months, or something else?

PRPDRGR8B	PrEP, Drug last used (injectable)
	Apretude.....30.....

Yeztugo.....	45.....
Something else.....	50.....
Don't Know.....	99.....
Refuse to Answer.....	77.....

Check_INTRO_PA6j.	If R last took PrEP in past 30 days or 5 weeks or 1 month (PRP30D EQ 1) & R last took Truvada or Descovy (PRPDRGR8A EQ 10 or 20), go to INTRO_PA6j. Else, go to CALC_ENDPA.
--------------------------	--

PrEP Adherence

Notes_PrEPAdherence.	See Measure References .
-----------------------------	--

INTRO_PA6j.	DISPLAY: "A lot of people don't take medications exactly as they are supposed to, at least some of the time. We'd like to know about your experiences with PrEP."
--------------------	---

PA6j. **In the past 30 days, on how many days did you miss a dose of your PrEP medicine?**

PRPDM30 PrEP adherence, Days missed, 30 d

Range.....	0 - 30.....
Don't Know.....	99.....
Refuse to Answer.....	77.....

PrEP use, Ever

Universe_PrEP use, Ever.	Rs who are R aware of PrEP & did not use PrEP 12m.
---------------------------------	--

Check_INTRO_PA7a.	If R is aware of PrEP (PA6a EQ 1) & did not use PrEP 12m (PA6c EQ 0), go to PA7a . Else, go to CALC_ENDPA.
--------------------------	---

PA7a. **Have you ever used PrEP to reduce the risk of getting HIV?**

PRPEVRR7 PrEP use, ever

No 0

Yes..... 1.....
Don't Know..... 9.....
Refuse to Answer..... 7.....

CALC_ENDPA.		
ENDPA	Time prevention activities section ended	ENDPA = Current time

END_PA.	Go to Justice System Experiences Section (JS).
----------------	--

NHBS ROUND 8 QUESTIONNAIRE

JUSTICE SYSTEM EXPERIENCES (JS)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label

Universe_JS.	All Eligible Rs who consented to interview and completed prior section.		
---------------------	---	--	--

CALC_BEGJS.			
BEGJS	Time at beginning of JS section	BEGJS = Current time	

INTRO_JS1.	DISPLAY: "Now I will ask you about experiences you may have had with the criminal justice system."		
-------------------	--	--	--

JS1. Have you ever been held in a detention center, jail, or prison for more than 24 hours?
 EVHELD Ever held or arrested
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

Check_JS1a.	If R ever arrested (JS1 EQ 1), go to JS1a. Else, go to CALC_ENDJS.		
--------------------	---	--	--

JS1a. During the past 12 months, that is, since [fill with interview month, formatted as text] of last year, have you been held in a detention center, jail, or prison for more than 24 hours?
 HELD12M Held or arrested past 12 months
 No..... 0
 Yes..... 1
 Don't Know..... 9
 Refuse to Answer..... 7

CALC_ENDJS.			
ENDJS	Time justice system experiences section ended	ENDJS = Current time	

END_JS.	Go to Violence Section (VE).		
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NHBS ROUND 8 QUESTIONNAIRE

VIOLENCE (VE)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label

Universe_VE. All Eligible Rs who consented to interview and completed prior section.

CALC_BEGVE.		
BEGVE	Time at beginning of VE section	BEGVE = Current time

Notes_Violence. See [Measure References](#).

Violence, Physical

INTRO_VE1. DISPLAY: "Next, I would like to ask you about some difficult situations that may have happened to you."

VE1. **In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, has anyone slapped, punched, shoved, kicked, shaken or otherwise physically hurt you?**
 PHVIO12M Physical violence, 12 mo

No.....	0
Yes.....	1
Don't Know.....	9
Refuse to Answer.....	7

Violence, Sexual

VE2. **In the past 12 months, has anyone forced or pressured you to have vaginal, oral, or anal sex when you did not want to?**
 SXVIO12M Sexual violence, 12 mo

No.....	0
Yes.....	1
Don't Know.....	9
Refuse to Answer.....	7

CALC_ENDVE.		
ENDVE	Time violence section ended	ENDVE = Current time

END_VE. Go to End of Survey Section (END).

NHBS ROUND 8 QUESTIONNAIRE

END OF SURVEY (END)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label
Prevention Activities	VE2	SXVIO12M	Sexual violence, 12 mo
Preset Variables	--	CYCLE	NHBS Cycle
Preset Variables	--	LANGUAGE	Language
Eligibility Screener	ES8a	RSEX	Respondent's Sex
Consent	CN1	CONSENTA	Consent to survey
Consent	CN2	CONSENTB	Consent to HIV testing
Interviewer Entered Information	IE10	ISEED	Respondent is a seed
Injection Drug Use	ID1	EVRINJ	Ever Injected drugs
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle

UNIVERSE_END. All Rs.

Check_END1. If R NOT eligible for cycle (CYCLE EQ 1 & EL_MSM EQ 0) or (CYCLE EQ 2 & EL_IDU EQ 0) or (CYCLE EQ 3 & EL_HET EQ 0) or R did not consent to survey (CONSENTA NE 1), go to END9.
 If last question asked of all Rs EQ DK or REF (VE2 EQ DK or REF), go to END1.
 Else, go to CALC_ENDCORE.

END1. **INTERVIEWER: Please confirm. Did the person complete the survey?**
C_CMPLT Confirm Complete
 Did NOT complete the survey..... 0
 DID complete the survey..... 1

CALC_ENDCORE.
ENDCORE Timestamp at end of core ENDCORE = Current time

CALC_COMPLETE.
COMPLETE Interview complete COMPLETE = IF(SXVIO12M=0 or SXVIO12M=1, 1, IF(C_CMPLT=1, 1, 0))

Check_END2a. If R did NOT consent to HIV test before interview (CN2 EQ 0), go to END2a.
 Else, go to END5.

Consent. Post-Interview

My records reflect that you did not agree to HIV testing when asked earlier during the interview. Before I close out the survey, I'd like to ask you again about whether or not you would like an HIV test. Did you want the HIV test that is part of today's survey?

END2a. [DO NOT read choices.]
C_T_CNST Confirmation of HIV Testing Consent
 No - Respondent DOES NOT want an HIV test..... 0
 Yes - Respondent DOES want an HIV test..... 1

Check_END2b.	If R wants HIV test (END2a EQ 1), go to END2b. Else, go to END5.
---------------------	---

END2b.	Do you agree to HIV counseling and testing?
HIVCNSTB	Revised Consent to HIV testing
	No..... 0
	Yes..... 1

Check_END4.	If R consented to HIV test after interview (END2b EQ 1), go to END4. Else, go to END5.
--------------------	---

END4.	Do you agree to let us store some of your test sample(s) for future testing?
CNSTSTG2R6	Revised Consent to Specimen Storage
	No..... 0
	Yes..... 1

Interviewer Assessment - Post-Interview

END5.	INTERVIEWER: How confident are you of the validity of the respondent's answers?
VALIDITY	Confidence in validity of answers
	Confident..... 1
	Some doubts..... 2
	Not confident at all..... 3

Check_END5a.	If Interviewer doubts validity of responses (END5 EQ 2 or 3), Go to END5a. Else, go to Check_CALC_RDS Recruiter Variables.
---------------------	---

END5a.	INTERVIEWER: Please explain why you are not confident in the respondent's answers:
VALSPEC	Specify why not confident in answers

	{text response; max length = 1000 characters}

Check_CALC_RDSRecruiterVariables.	If IDU cycle (CYCLE EQ 2), go to CALC_IDU_RCTRR6. If HET cycle (CYCLE EQ 3), go to CALC_INJECT. Else, go to END9.
--	---

RDS Recruiter Variables

IDU Recruiter

CALC_IDU_RCTRR6.		If data are valid (VALIDITY EQ 1 or 2) & complete (COMPLETE EQ 1), R selected to receive coupons (IDU_RCTRR6=1). Else, R is NOT to receive coupons (IDU_RCTRR6 EQ=0).
IDU_RCTRR6	Eligible: IDU RDS Recruiter	

CALC_IDU_RCTR_DCC.

IDU_RCTR_DCC	IDU Recruiter for DCC Portal	IDU_RCTR_DCC = IDU_RCTRR6
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Check_CALC_HET_RCTR.	Go to INFO_RCTR.
-----------------------------	------------------

HET Definition

CALC_INJECT.		
INJECT	Whether injected in the past 12 months, for HETDEF calculation	INJECT= IF(EVRINJ=0), 0, IF(EVRINJ=1 & LINJ12=0), 0, IF(EVRINJ=1 & LINJ12=1), 1, 9).

CALC_MMSEX.		
MMSEX	Whether had male-male sex in the past 12 months, for HETDEF calculation	MMSEX= IF(RSEX=1 & M_MEVER=0), 0, IF(RSEX=1 & (M_MEVER=1 & M_MSX12=0)), 0, IF(RSEX=1 & (M_MEVER=1 & M_MSX12 GE 1), 1, 9))).

CALC_HETDEFR8.		
HETDEFR8	Met HET Definition	If R has low socioeconomic status (LOWSES=1) & is male or female (RSEX_YN=1) & did not inject in past 12m (INJECT=0) & did not have male-male sex in past 12m (RSEX=2 or MMSEX=0) & had an opposite sex partner in past 12m (HETSEX=1), R meets the HET definition (HETDEFR8=1). Else, R does not meet the HET definition (HETDEFR8=0).

CALC_HETDEF_DCC.		
HETDEF_DCC	HET Definition for DCC portal	HETDEF_DCC = HETDEFR8

HET Recruiter

CALC_HET_RCTRR7.		
		If R is NOT a seed: (ISEED EQ 0): If data are valid (VALIDITY=1 OR VALIDITY=2) & complete (COMPLETE=1) and R met the HET definition (HETDEFR8=1), R selected to receive coupons (HET_RCTRR7=1). Else, R is not to receive coupons (HET_RCTRR7=0). If R IS a seed: (ISEED EQ 1): If R has never injected (EVRINJ=0) & never had male-male sex ((RSEX=2) or (M_MEVER=0)) & data are valid (VALIDITY=1 OR VALIDITY=2) & complete (COMPLETE=1) and R met the HET definition (HETDEFR8=1), R selected to receive coupons (HET_RCTRR7=1). Else, R is not to receive coupons (HET_RCTRR7=0).
HET_RCTRR7	Eligible: HET RDS Recruiter	

CALC_HET_RCTR_DCC.		
HET_RCTR_DCC	HET Recruiter for DCC portal	HET_RCTR_DCC = HET_RCTRR7

Recruiter Selection Messages

INFO_RCTR.	If RDS cycle & R IS eligible to recruit (CYCLE EQ 1 & MSM_RCTRR6 EQ 1), (CYCLE EQ 2 & IDU_RCTRR6 EQ 1), or (CYCLE EQ 3 & HET_RCTRR7 EQ 1), DISPLAY: " INTERVIEWER: The computer SELECTED this respondent to recruit others and receive coupons."
	If RDS cycle & R NOT eligible to recruit (CYCLE EQ 1 & MSM_RCTRR6 EQ 0), (CYCLE EQ 2 & IDU_RCTRR6 EQ 0) or (CYCLE EQ 3 & HET_RCTRR7 EQ 0), DISPLAY: " INTERVIEWER: The computer did NOT select this respondent to recruit others and receive coupons."
Programming Note:	Please use a font size 1.5 times larger than is used in standard item text.

Interviewer Comments

END9.	INTERVIEWER: Do you have any comments to add?
INTCOMM	Interviewer Comments
	No..... 0
	Yes..... 1

Check_END10.	If interviewer has comments (END9 EQ 1), go to END10. Else, go to CALC_END.
---------------------	--

END10.	Enter interviewer comments
INTTXT	Interviewer comments text
	----- ----- -----
	{text response; max length = 1000 characters}

CALC_END.	Interview end time	END = Current time
END		

CALC_EDATE.	End date	EDATE = Today's date
EDATE		

Check_END11.	If MSM cycle & R not eligible (CYCLE EQ 1 & EL_MSM EQ 0), go to END11. If IDU cycle & R not eligible (CYCLE EQ 2 & EL_IDU EQ 0), go to END11. If HET cycle & R not eligible (CYCLE EQ 3 & EL_HET EQ 0), go to END11. Else, go to Check_END12.
---------------------	--

END11.	INTERVIEWER: Click "Next" to end this survey.
ENDSURVR8	End survey
Programming Note:	Interviewers should not be able to go back into the NHBS interview after reaching END11. The page for END11 should not have a 'Back' button but should have a 'Next' button.

Check_END12.	If R not eligible or did not consent to interview ((CYCLE EQ 1 & EL_MSM NE 1) or (CYCLE EQ 2 & EL_IDU NE 1) or (CYCLE EQ 3 & EL_HET NE 1) or (CONSENTA EQ 0)), go to INFO_ClosingPage. If interview was conducted (COMPLETE EQ 0 or 1), go to END12.
---------------------	---

END12.	INTERVIEWER: Do you want to proceed to the local survey?
LOCSURV	Proceed to local survey
	No..... 0
	Yes..... 1

Programming	Interviewers should not be able to go back into the NHBS interview after reaching END12. The page for END12 should
--------------------	--

Note:	not have a 'Back' button but should have a 'Next' button. If interviewer does <u>not</u> proceed to local questions (LOCSURV EQ 0), go to INFO_ClosingPage. If Interviewer wants to proceed to local survey, redirect to project area's local questions. At end of project area's local questions, go to INFO_ClosingPage.
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INFO_ClosingPage.	DISPLAY: " INTERVIEWER: The interview for survey ID [fill with SURID] is closed."
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Programming Note:	From INFO_ClosingPage, program should navigate back to interview landing page.
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NHBS ROUND 8 QUESTIONNAIRE

APPENDIX A - FLASHCARDS

FLASHCARD A

- American Indian or Alaska Native
- Asian
- Black or African American
- Hispanic or Latino
- Middle Eastern or North African
- Native Hawaiian or Other Pacific Islander
- White

FLASHCARD B

- Speedball, which is heroin and cocaine together
- Heroin
- Powder cocaine
- Crack cocaine
- Methamphetamine, also known as meth, crystal meth, speed, or crank
- Painkillers, such as Oxycontin, Dilaudid, morphine, Percocet, or Demerol
- Something else

FLASHCARD C

- A relative or family member
- A person you have sex with
- A person you use drugs with or buy drugs from
- A friend
- An acquaintance, that is, a person you know but do not consider a friend
- A stranger, you don't know the person or just met them

FLASHCARD D

- A relative or family member
- A person you have sex with
- A friend
- An acquaintance, that is, a person you know but do not consider a friend
- A stranger, you don't know the person or just met them

FLASHCARD E

	<u>MONTHLY</u> Income	<u>OR</u>		<u>YEARLY</u> Income
A.	\$0 to \$416	or	A.	\$0 to \$4,999
B.	\$417 to \$833	or	B.	\$5,000 to \$9,999
C.	\$834 to \$1,041	or	C.	\$10,000 to \$12,499
D.	\$1,042 to \$1,249	or	D.	\$12,500 to \$14,999
E.	\$1,250 to \$1,666	or	E.	\$15,000 to \$19,999
F.	\$1,667 to \$2,083	or	F.	\$20,000 to \$24,999
G.	\$2,084 to \$2,499	or	G.	\$25,000 to \$29,999
H.	\$2,500 to \$2,916	or	H.	\$30,000 to \$34,999
I.	\$2,917 to \$3,333	or	I.	\$35,000 to \$39,999
J.	\$3,334 to \$4,166	or	J.	\$40,000 to \$49,999
K.	\$4,167 to \$4,999	or	K.	\$50,000 to \$59,999
L.	\$5,000 to \$6,249	or	L.	\$60,000 to \$74,999
M.	\$6,250 to \$8,332	or	M.	\$75,000 to \$99,999
N.	\$8,333 or more	or	N.	\$100,000 or more

FLASHCARD F

- A private health plan - through an employer or purchased directly
- Medicaid - for people with low incomes
- Medicare - for the elderly and people with disabilities
- Some other government plan
- TRICARE / CHAMPUS
- Veterans Administration coverage
- Some other health insurance

FLASHCARD G

- Strongly agree
- Agree
- Neither agree nor disagree
- Disagree
- Strongly disagree

FLASHCARD H

- More than once a day
- Once a day
- More than once a week
- Once a week or less
- Never

FLASHCARD I

Definition of "Having Sex"

Oral, vaginal, or anal sex.

- Oral sex means mouth on the vagina or penis
- Vaginal sex means penis in the vagina
- Anal sex means penis in the anus or butt

FLASHCARD K

Definition of "Having Sex"

Oral or anal sex.

- Oral sex means mouth on the penis
- Anal sex means penis in the anus or butt

FLASHCARD O

- Definitely did not
- Probably did not
- Probably did
- Definitely did

FLASHCARD T

- Never
- Rarely
- About half the time
- Most of the time
- Always

FLASHCARD Y

- All of the time
- Most of the time
- Some of the time
- A little of the time
- None of the time

FLASHCARD AA

- Needle or syringe exchange program
- Someone who got them from a needle exchange
- Pharmacy or other store
- Doctor's office, clinic, or hospital
- Some other place

NHBS Round 8 QUESTIONNAIRE

APPENDIX B - MEASURE REFERENCES

NHBS Round 8 CRQ Measure References

The table below describes measures in the CRQ that were adopted or adapted from sources external to the CDC's Division of HIV Prevention. CRQ measures that were adapted from the original source are listed as "Adapted from;" other CRQ measures listed were adopted as described in the reference listed. Measures not listed were developed for NHBS by the Behavioral Surveillance Team and other subject matter experts. All measures below are based on respondent self-report.

Topic	Measure	Variable(s)	Source and citation
Participant Demographic Characteristics			
English proficiency	English proficiency, 2011 DHHS data standard	ENGPFCY	Office of Minority Health. Data Collection Standards for Race, Ethnicity, Sex, Primary Language, and Disability Status. US Department of Health and Human Services website. Accessed August 25, 2025.
Spanish proficiency	Spanish proficiency	SPNPFCY	Adapted from the 2011 DHHS data standard for English proficiency. Office of Minority Health. Data Collection Standards for Race, Ethnicity, Sex, Primary Language, and Disability Status. US Department of Health and Human Services website. Accessed October 27, 2022.
Disability	Disability status, 2011 DHHS data standard	DISDEAF; DISBLND; DISCOGN; DISWALK; DISCARE; DISERNND	Office of Minority Health. Data Collection Standards for Race, Ethnicity, Sex, Primary Language, and Disability Status. US Department of Health and Human Services website. Accessed August 25, 2025.
General Health Care			
General health care utilization	Unmet need for health care, 12m	HCAFF	Adapted from: Centers for Disease Control and Prevention (CDC). National Center for Health Statistics (NCHS). National Health Interview Survey Sample Adult Questionnaire. Hyattsville, MD: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2008. Available at: https://www.cdc.gov/nchs/nhis/data-questionnaires-documentation.htm . Accessed October 27, 2022.
Injection Drug Use			
Injection equipment sharing, frequency	Syringe sharing, relative frequency, 12m,	GIVENDLE	Adapted from New York City local NHBS survey items. Contact information for local NHBS surveys available at: http://www.cdc.gov/hiv/statistics/systems/nhbs/contacts.html .

Topic	Measure	Variable(s)	Source and citation
distributive			
Other Health Conditions			
Psychological distress	Kessler 6 (K-6) scale	FEELNERV; FEELHOPE; FEELREST; FEELSAD; FEELEFRT; FEELDOWN	Kessler RC, Barker, PR., Colpe LJ, et al. Screening for serious mental illness in the general population. <i>Arch Gen Psychiatry</i> 2003; 60: 184-189.
Prevention Activities			
PrEP and PEP	PrEP adherence, Days missed, 30d	PRPDM30	1 of 3 questions in Wilson's medication adherence scale: Wilson IB, Lee Y, Michaud J, Fowler FJ, Rogers WH. Validation of a new three-item self-report measure for medication adherence. <i>AIDS Behav</i> 2016; 20(11):2700-2708.
Other Topics			
Discrimination due to sexual identity	MSM Discrimination	DISC_VER; DISC_SVC; DISC_WRK; DISC_HC; DISC_ATT	Adapted from: Williams D, Yu Y, Jackson JS, Anderson NB. Racial differences in physical and mental health: Socio-economic status, stress and discrimination. <i>J Health Psychol</i> 1997; 2(3): 335-351. and Huebner DM, Rebchook GM, Kegeles SM. Experiences of harassment, discrimination, and physical violence among young gay and bisexual men. <i>Am J Public Health</i> . 2004;94:1200-1203.
Violence	Physically assaulted, 12m; Sexually assaulted, 12m	PHVIO12M; SXVIO12M	Adapted from: Centers for Disease Control and Prevention (CDC). National Intimate Partner and Sexual Violence Survey (NIPSVS) Questionnaire. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2012].