NHBS Round 6 CAPI REFERENCE QUESTIONNAIRE (CRQ)

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Overview

Questionnaire Sections & Abbreviations

Order in CAPI	Abbreviation	Domain	Other topics included
00	Overview	Overview	
0	CalcVars	Pre-set & calculated variables	
1	IE	Interviewer-entered information	
2	ES	Eligibility screener	
3	CN	Consent	
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	
9	AL	Alcohol use	
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 asked of R but this is a codable response option)
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	Definition
Calculated variable	CALC_	Item identifier (not prefix for variable name) for variables calculated by the CAPI program that appear in the CRQ.
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.
Message	**INTERVIEWER**:	Message displayed to the interviewer that is not to be read to R. May be triggered by an edit check. Distinct from Interviewer Instruction.
Fill text		Text to be displayed for which wording depends on prior responses or other conditions. Fill text is designated by quotation marks & square brackets enclose both instructions & fill text, e.g., [if condition is true, fill with "text"].
Filter question		A question that determines whether the respondent should receive subsequent question or set of questions, typically on a related topic.
Logic Check	Check_	Logic that must be checked (by the CAPI program) in order to determine proper routing to the next item in the CAPI programmed questionnaire.
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. Hard edit checks cannot be suppressed, i.e., program will not advance until interviewer has changed at least one of the inconsistent values.
Interviewer instruction		Instruction to interviewer regarding survey administration. Standard instructions are 'Give Respondent Flashcard {letter}', 'READ choices', 'DO NOT read choices', & 'CHECK ALL that apply'.
Introductory statement	INTRO_	Transitional statement read to R at the beginning of a new topic (e.g., Section, set of questions, etc.). Prefix is followed by section abbreviation, series, or first item in set to which it applies.
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 Questionnaire. 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. If yes, CAPI program displays message to interviewer; program may advance after closing the error message dialog box.

Term	Prefix / format	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.

NHBS ROUND 6 QUESTIONNAIRE

PRE-SET AND CALCULATED VARIABLES

Variables with pre-set values

ROUND

NHBS Round

ROUND = "NHBS Round 6"

CYCLE

NHBS Cycle

CYCLE = 1 (MSM) If MSM cycle
CYCLE = 2 (IDU) If IDU cycle
CYCLE = 3 (HET) If HET cycle

LANGUAGE

Language

LANGUAGE = 1 IF ENGLISH
LANGUAGE = 2 IF SPANISH

VERSION

Questionnaire Version

If CYCLE=1 & LANGUAGE=1, VERSION='NHBS-MSM2021 – ENGLISH, V1, [BUILD DATE]'
If CYCLE=1 & LANGUAGE=2, VERSION = 'NHBS-MSM2021 – SPANISH, V1, [BUILD DATE]'
If CYCLE=2 & LANGUAGE=1, VERSION='NHBS-IDU2022 – ENGLISH, V1, [BUILD DATE]'
If CYCLE=2 & LANGUAGE=2, VERSION = 'NHBS-IDU2022 – SPANISH, V1, [BUILD DATE]'
If CYCLE=3 & LANGUAGE=1, VERSION=''NHBS-HET2023 – ENGLISH, V1, [BUILD DATE]'
If CYCLE=3 & LANGUAGE=2, VERSION = 'NHBS-HET2023 – SPANISH, V1, [BUILD DATE]'

IDATE

Interview date

IDATE = Today's date {system date on device}

IDATEM

Interview date: Month

IDATEM = MONTH(IDATE)

IDATEY

Interview date: Year

IDATEY = YEAR(IDATE)

START

Start Time

START = Current time {system time on device}

DATETIME

Date and time identifier

DATETIME= CONCAT(IDATE, START)

DATAFILE

Data file name

DATAFILE = Data file name

QYR

Current Questionnaire Year

QYR = if ((CYCLE=1), 2021, if ((CYCLE=2), 2022, if ((CYCLE=3), 2023, 0)))

MSM21IMP

MSM2021 data collection start date

MSM21IMP = June 1, 2021

Computed date and duration variables used throughout the interview

IDATE_C Interview date: Century Month
IDATE_C= (IDATEY-1900) *12 + (IDATEM)

AGO12M_C 12 mos before interview: Century Month
AGO12M_C= IDATE_C -12

AGO6M_C 6 mos before interview: Century Month
AGO6M_C= IDATE_C -6

NHBS ROUND 6 QUESTIONNAIRE

INTERVIEWER ENTERED INFORMATION (IE)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded Variables	--	CYCLE	NHBS Cycle
Preloaded Variables	--	VERSION	Questionnaire Version
Preloaded Variables	--	MSM21IMP	MSM2021 data collection start date
Preloaded Variables	--	QYR	Current Questionnaire Year
Preloaded Variables	--	IDATE	Interview Date
Preloaded Variables	--	IDATEY	Interview Date: Year

Universe_IE. All Rs.

INTRO_DATETIME. DISPLAY: "The current date recorded on this device is [fill with current date, formatted as "Month date, year"] and the time is [fill with current time, formatted as "Hour: minute"]. If this is not correct, please close this interview and correct the date on the device."

INTRO_VERSION. DISPLAY: "This is questionnaire version [fill with value for VERSION]."

INTRO_OMB. DISPLAY: "Public reporting burden of this collection of information is estimated to average 5 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."

ID variables

IE1. **Interviewer ID:**
ICODE Interviewer ID
---- ----
Range..... 1-99

IE2. **City:**
CITY City
Atlanta, GA 1
Baltimore, MD 2
Boston, MA..... 3
Chicago, IL 4
Dallas, TX 5
Denver, CO 6
Detroit, MI 7
Houston, TX 9
Los Angeles, CA 10
Miami, FL 11
Memphis, TN 12
Nassau-Suffolk, NY 13

Newark, NJ	14
New Orleans, LA	15
New York City, NY	16
Norfolk, VA	17
Philadelphia, PA	18
Portland, OR	19
San Diego, CA	21
San Francisco, CA	22
San Juan, PR	23
Seattle, WA	24
Washington, DC	25

IE3. **Survey ID:**
SURID Survey ID
---- ---- ---- ---- Must be 4 digits
Range..... 1-9999

HardEdit_IE3.	If IE3 not 4 digits long, DISPLAY: "**INTERVIEWER:** The Survey ID must be four digits long." Then, go back to IE3. Else, go to IE3conf1.

IE3conf1. **INTERVIEWER: The Survey ID that you entered was** [fill with value entered for IE3]. **Is this correct?**
C_SURID Survey ID confirmation

No	0
Yes	1

HardEdit_IE3conf1.	If value entered for IE3 is not correct (IE3conf1 EQ 0), DISPLAY: "**INTERVIEWER**: Enter the correct Survey ID number in the next screen." Then, go back to IE3. Else, go to Check_IE3b.

Recruitment, MSM RDS

Check_IE3b.	If MSM cycle (CYCLE EQ 1) & interview year is 2021 (QYR EQ 2021), go to IE3b. Else, go to Check_IE5.

IE3b. **INTERVIEWER: Was this person recruited for RDS?**
RDSMSM RDS recruitment - MSM cycle

No	0
Yes	1

Interview type

IE3c. **INTERVIEWER: Is this interview being conducted remotely or in-person?**
ITYPE Interview type (remote or in-person)

Remotely	1
In-person	2

Interviewer location

Check_IE3d.	If interview is being conducted remotely, (IE3c EQ 1), go to interviewer's location (IE3d). Else, go to Check_IE5.

IE3d. **INTERVIEWER: Are you conducting this interview from your home or from the project office?**
RIVWRLOC Interviewer location (remote interviews)

Interviewer's home	1
Project office	2

Recruitment, MSM Venue

Check_IE5.	If MSM cycle (CYCLE EQ 1), and R not recruited via RDS (IE3b EQ 0), go to IE5. Else, go to Check_IE9.

Universe_VBSSeries.	All Rs in MSM Cycle (CYCLE EQ 1).

IE4. **INTERVIEWER: Is this interview a Post Event Appointment?**
PEA Post Event Appointment

No	0
Yes	1

IE5. **Venue Code:**
VENUE Venue Code

— — — —
Range 1-9900

IE6. **Event Number:**
VBS_EVNT Event number

---- ---- ----

Range	1-999
Don't Know	9999

Check_IE7.	Go to IE8.

IE7. **Enter the field site ID for the location of the interview: (If unknown, select "Don't Know".)**
PEASITE PEA Field site ID

---- ---- ---- ---- {4 alphanumeric characters}

Don't Know	9

Check_HardEdit_IE7.	If PEA field site is unknown (IE7 EQ DK), go to IE8. Else, go to HardEdit_IE7.

HardEdit_IE7.	If IE7 is NOT 4 digits long, DISPLAY: "**INTERVIEWER:** The PEA Field Site ID must be four alphanumeric characters long." Then, go back to IE7. Else, go to IE8.

Recruitment Date

IE8.	**Recruitment date: (If unknown, select "Don't Know".)**	
RECRDATE	Recruitment date	
	__ __ / __ __ / __ __ __ __ (MM/DD/YYYY)	
	Range (Year)	1900-2100
	Don't know (Year).....	9999

HardEdit_IE8.	If Recruitment date known & after interview date (IE8 NE DK & IE8 GT IDATE), DISPLAY: " **INTERVIEWER:** The date of recruitment cannot be after today's date. Please correct on next screen." Then return to IE8. Else, go to SoftEdit_IE8.

	If Recruitment date known & before MSM cycle implementation date (IE8 NE DK & IE8 LT MSM21IMP), DISPLAY: "**INTERVIEWER:** The date of recruitment is before June 1, [fill with current questionnaire year (QYR)]. If this is incorrect, go back to the previous screen and re-enter the date of recruitment ."
SoftEdit_IE8.	Else, go to Check_IE9.

Check_IE9.	If MSM cycle and interview is being conducted in person (CYCLE EQ 1 and IE3c EQ 2), or if IDU or HET cycle (CYCLE EQ 2 or CYCLE EQ 3), go to IE9. Else, go to Check_IE10.

Field Site ID

IE9.	**Field Site ID:**	
FLDSTEID	Field site ID	
	---- ---- {Must be 2 digits}	
	Range	0-99

HardEdit_IE9.	If IE9 is not 2 digits long, DISPLAY: "**INTERVIEWER:** The Field Site ID must be two digits long. Please correct on next screen." Then return to IE9. Else, go to Check_IE10.

Check_IE10.	If MSM cycle and R recruited via RDS (CYCLE EQ 1 and IE3b EQ 1), or if IDU or HET cycle (CYCLE EQ 2 or CYCLE EQ 3), go to IE10. Else, go to END_IE.

RDS Seed Status

IE10.	**INTERVIEWER: Is the respondent a seed?**	
ISEED	Respondent is a seed	
	No	0
	Yes	1

HardEdit_IE10.	If Survey ID in non-seed range & R is a seed (IE3 GE 1000 & IE10 EQ 1), DISPLAY: "**INTERVIEWER:** You indicated that the respondent is a seed but earlier, recorded a non-seed Survey ID. One of these is incorrect." Then return to IE10. If Survey ID in seed range & R NOT a seed (IE3 LT 1000 & IE10 EQ 0), DISPLAY: "**INTERVIEWER:** You indicated that the respondent is NOT a seed but earlier, recorded a seed Survey ID. One of these is incorrect." Then return to IE3.

	Else, go to END_IE.

END_IE.	Go to Eligibility Screener Section (ES).

NHBS ROUND 6 QUESTIONNAIRE

ELIGIBILITY SCREENER (ES)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded variables	--	CYCLE	NHBS Cycle
Preloaded variables	--	IDATE	Interview date
Preloaded variables	--	QYR	Current Questionnaire Year
Interviewer Entered Information	IE2	CITY	City
Interviewer Entered Information	IE4	PEA	Post Event Appointment
Interviewer Entered Information	IE8	PEARDTE	PEA recruitment event date
Interviewer Entered Information	IE10	ISEED	Respondent is a seed

Universe_ES. All Rs.

INTRO_ES. DISPLAY: "READ: I'd like to thank you again for your interest in this health survey. Remember that all information you give me will be kept private and I will not ask for your name. First, I will ask you a few questions about yourself and then the computer will determine if you have been selected to participate in the health survey."

CALC_BEGSCR.

BEGSCR	Time at beginning of screener	BEGSCR = Current time

Check_CALC_RDATE. Go to ES1.

CALC_RDATE.

RDATE	Calculated Recruitment Date	If interview is NOT a Post Event Appointment (IE4 EQ 0): RDATE=IDATE If interview is Post Event Appointment (IE4 EQ 1): RDATE=RECRDATE

Date of Birth

ES1. **What is your date of birth?**
DOB Date of birth
__ __ / __ __ / __ __ __ __ (MM/DD/YYYY)

Range (Year)	1900-2100
Don't Know (Year)	9999
Refuse to Answer (Year)	7777

Check_CALC_AGE. If R did not provide date of birth (ES1 EQ DK or REF), go to ES2.
Else, go to HardEdit_ES1.

HardEdit_ES1. If date of birth is on or after interview date (ES1 GE IDATE), DISPLAY: "**INTERVIEWER:** Date of birth cannot be TODAY or later." Then, go back to ES1.
Else, go to CALC_AGE.

CALC_AGE.		
AGE	QDS calculated age today	Calculate age from date of birth (DOB)

ES1a.	**So, you are** [fill with calculated age (AGE)] **years old. Is that correct?**
C_AGE	Confirm age
	No 0
	Yes 1

HardEdit_ES1a.	If calculated age NOT correct (ES1a EQ 0), DISPLAY: "**INTERVIEWER:** Please hit ok to re-enter the date of birth." Then, go back to ES1. Else, go to Check_ES2.

	If R LT 18 years old (AGE LT 18), go to Check_CALC_EL.
Check_ES2.	Else, go to ES2.

Previous Participation, Self-Report

ES2.	**During** [fill with current questionnaire year (QYR)], **did you already complete at least part of the health survey that (Insert Project Name) is conducting? It could have been here or at another location.**
E_PART	Eligibility, previous participant
	No 0
	Yes 1
	Don't Know 9
	Refuse to Answer 7

Race/Ethnicity

Notes_Ethnicity.	See Measure References.
	Do you consider yourself to be of Hispanic, Latino/a, or Spanish origin?
ES3.	[**INTERVIEWER:** If necessary, say "Just tell me Yes or No."]
HISPANIC	Latino ethnicity
	No 0
	Yes 1
	Don't Know 9
	Refuse to Answer 7

Check_ES3a.	If R is Latino (ES3 EQ 1), go to ES3a. Else, go to ES4.

	Which of the following describes your Hispanic, Latino/a, or Spanish origin? You may choose more than one option.
ES3a.	[READ choices. CHECK ALL that apply.]
HSPTYP	Hispanic Ancestry (number reported)
HSPTYPA	Mexican
HSPTYPB	Puerto Rican
HSPTYPC	Cuban
HSPTYPD	Dominican
HSPTYPE	Another Hispanic, Latino/a, or Spanish origin
	Don't Know 9
	Refuse to Answer 7

Check_ES3spec.	If R reports 'Another' Hispanic origin (HSPTYPE EQ 1), go to ES3spec. Else, go to ES4.

ES3spec.	**What is your Hispanic, Latino/a, or Spanish origin?**	
SPECHSP	Other specified Latino origin	
	__ __ __ __ __ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __	
	{text response; max length = 100 characters}	
	Don't Know	9
	Refuse to Answer	7
	[Give Respondent Flashcard A.]	
	Which racial group or groups do you consider yourself to be in? You may choose more than one option.	
ES4.	[READ choices. CHECK ALL that apply.]	
RACE	Racial group (number reported)	
RACEA	American Indian or Alaska Native	
RACEB	Asian	
RACEC	Black or African American	
RACED	Native Hawaiian or Other Pacific Islander	
RACEE	White	
	Don't Know	9
	Refuse to Answer	7
	Not Applicable	8

Check_CountyofResidence.	If IE2 EQ 1, go to ES5_ATL. If IE2 EQ 2, go to ES5_BLT. If IE2 EQ 3, go to ES5_BOS. If IE2 EQ 4, go to ES5_CHI. If IE2 EQ 5, go to ES5_DAL. If IE2 EQ 6, go to ES5_DEN. If IE2 EQ 7, go to ES5_DET. If IE2 EQ 9, go to ES5_HOU. If IE2 EQ 10, go to ES5_LAX. If IE2 EQ 11, go to ES5_MIA. If IE2 EQ 12, go to ES5_MEM. If IE2 EQ 13, go to ES5_NAU. If IE2 EQ 14 go to ES5_NEW. If IE2 EQ 15, go to ES5_NOL. If IE2 EQ 16, go to ES5_NYC. If IE2 EQ 17, go to ES5_NOR. If IE2 EQ 18, go to ES5_PHL. If IE2 EQ 19, go to ES5_PTL. If IE2 EQ 21, go to ES5_SDG. If IE2 EQ 22, go to ES5_SFO. If IE2 EQ 23, go to ES5_SJN. If IE2 EQ 24, go to ES5_SEA. If IE2 EQ 25, go to ES5_WDC.

<u>County of Residence</u>

What county do you currently live in?

ES5_ATL.	[DO NOT read choices.]	
ATLCTYR6	Eligibility, Atlanta county of residence	
	Barrow County	1
	Bartow County	2
	Butts County	3
	Carroll County	4
	Cherokee County	5
	Clayton County	6
	Cobb County	7
	Coweta County	8
	Dawson County	9
	DeKalb County	10
	Douglas County	11
	Fayette County	12
	Forsyth County	13
	Fulton County	14
	Gwinnett County	15
	Haralson County	16
	Heard County	17
	Henry County	18
	Jasper County	19
	Lamar County	20
	Meriwether County	21
	Morgan County	22
	Newton County	23
	Paulding County	24
	Pickens County	25
	Pike County	26
	Rockdale County	27
	Spalding County	28
	Walton County	29
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_ATLELR6.		
ATLELR6	Eligible county resident: ATL	ATLELR6 = if ((ATLCTYR6=1 OR ATLCTYR6=2 OR ATLCTYR6=3 OR ATLCTYR6=4 OR ATLCTYR6=5 OR ATLCTYR6=6 OR ATLCTYR6=7 OR ATLCTYR6=8 OR ATLCTYR6=9 OR ATLCTYR6=10 OR ATLCTYR6=11 OR ATLCTYR6=12 OR ATLCTYR6=13 OR ATLCTYR6=14 OR ATLCTYR6=15 OR ATLCTYR6=16 OR ATLCTYR6=17 OR ATLCTYR6=18 OR ATLCTYR6=19 OR ATLCTYR6=20 OR ATLCTYR6=21 OR ATLCTYR6=22 OR ATLCTYR6=23 OR ATLCTYR6=24 OR ATLCTYR6=25 OR ATLCTYR6=26 OR ATLCTYR6=27 OR ATLCTYR6=28 OR ATLCTYR6=29), 1,0)

Check_ES5_BLT.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_BLT.	[DO NOT read choices.]	
BLTCTYR5	Eligibility, Baltimore county of residence	
	Baltimore City	1

Anne Arundel	2
Baltimore	3
Carroll	4
Harford	5
Howard	6
Queen Anne's	7
Other	88
Don't Know	999
Refuse to Answer	777

CALC_BLTELR5.		
BLTELR5	Eligible county resident: BLT	BLTELR5 = if ((BLTCTYR5=1 OR BLTCTYR5=2 OR BLTCTYR5=3 OR BLTCTYR5=4 OR BLTCTYR5=5 OR BLTCTYR5=6 OR BLTCTYR5=7), 1,0)

Check_ES5_BOS.	Go to CALC_E_CITY.

What county/city/town do you currently live in?

ES5_BOS. [DO NOT read choices.]
BOSCTYR5 Eligibility, Boston city or town of residence

Allston	1
Back Bay	2
Brookline	7
Cambridge	8
Chelsea	10
Dorchester	12
East Boston	14
Fenway / Kenmore	15
Jamaica Plain	17
Lynn	18
Malden	20
Medford	21
Revere	26
Roxbury	28
Somerville	29
South Boston	30
South End	31
Boston (other)	37
Essex County (other)	38
Middlesex County (other)	39
Norfolk County (other)	40
Plymouth County (other)	41
Suffolk County (other)	42
Other	88
Don't Know	999
Refuse to Answer	777

CALC_BSTELR5.		
BSTELR5	Eligible county resident: BOS	BSTELR5 = if ((BOSCTYR5=1 OR BOSCTYR5=2 OR BOSCTYR5=7 OR BOSCTYR5=8 OR BOSCTYR5=10 OR BOSCTYR5=12 OR BOSCTYR5=14 OR BOSCTYR5=15 OR BOSCTYR5=17 OR BOSCTYR5=18 OR BOSCTYR5=20 OR BOSCTYR5=21 OR BOSCTYR5=26 OR BOSCTYR5=28 OR BOSCTYR5=29 OR BOSCTYR5=30 OR

	BOSCTYR5=31 OR BOSCTYR5=37 OR BOSCTYR5=38 OR BOSCTYR5=39 OR BOSCTYR5=40 OR BOSCTYR5=41 OR BOSCTYR5=42), 1,0)

Check_ES5_CHI.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_CHI.	[DO NOT read choices.]	
CHICTYR5	Eligibility, Chicago county of residence	
	Cook County	1
	DuPage County	3
	Grundy County	4
	Kendall County	6
	McHenry County	7
	Will County	8
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_CHIELR5.		
CHIELR5	Eligible county resident: CHI	CHIELR5 = if ((CHICTYR5=1 OR CHICTYR5=3 OR CHICTYR5=4 OR CHICTYR5=6 OR CHICTYR5=7 OR CHICTYR5=8), 1,0)

Check_ES5_DAL.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_DAL.	[DO NOT read choices.]	
DALCTYR5	Eligibility, Dallas county of residence	
	Collin County	1
	Dallas County	2
	Denton County	4
	Ellis County	5
	Hunt County	6
	Kaufman County	7
	Rockwall County	8
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_DALELR5.		
DALELR5	Eligible county resident: DAL	DALELR5 = if ((DALCTYR5=1 OR DALCTYR5=2 OR DALCTYR5=4 OR DALCTYR5=5 OR DALCTYR5=6 OR DALCTYR5=7 OR DALCTYR5=8), 1,0)

Check_ES5_DEN.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_DEN.	[DO NOT read choices.]	
DENCTYR5	Eligibility, Denver county of residence	
	Adams County	1
	Arapahoe County	2

Broomfield County	3
Clear Creek County	4
Denver County	5
Douglas County	6
Elbert County	7
Gilpin County	8
Jefferson County	9
Park County	10
Other	88
Don't Know	999
Refuse to Answer	777

CALC_DENELR5.		
DENELR5	Eligible county resident: DEN	DENELR5 = if ((DENCTYR5=1 OR DENCTYR5=2 OR DENCTYR5=3 OR DENCTYR5=4 OR DENCTYR5=5 OR DENCTYR5=6 OR DENCTYR5 =7 OR DENCTYR5=8 OR DENCTYR5=9 OR DENCTYR5=10), 1,0)

Check_ES5_DET.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_DET. [DO NOT read choices.]
DETCTYR5 Eligibility, Detroit county of residence

Macomb County	0
Oakland County	1
Wayne County	2
Other	88
Don't Know	999
Refuse to Answer	777

CALC_DETELR5.		
DETELR5	Eligible county resident: DET	DETELR5 = if ((DETCTYR5=0 OR DETCTYR5=1 OR DETCTYR5=2), 1,0)

Check_ES5_HOU.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_HOU. [DO NOT read choices.]
HOUCTYR5 Eligibility, Houston county of residence

Austin County	1
Brazoria County	2
Chambers County	3
Fort Bend County	4
Galveston County	5
Harris County	6
Liberty County	7
Montgomery County	8
Waller County	10
Other	88
Don't Know	999
Refuse to Answer	777

CALC_HOUELR5.		
HOUELR5	Eligible county resident: HOU	HOUELR5= if ((HOUCTYR5=1 OR HOUCTYR5=2 OR HOUCTYR5=3 OR HOUCTYR5=4 OR HOUCTYR5=5 OR HOUCTYR5=6 OR HOUCTYR5=7 OR HOUCTYR5=8 OR HOUCTYR5=10), 1,0)

Check_ES5_LAX.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_LAX. [DO NOT read choices.]
LAXCTYR5 Eligibility, Los Angeles county of residence

Los Angeles County	1
Other	88
Don't Know	999
Refuse to Answer	777

CALC_LAXELR5.		
LAXELR5	Eligible county resident: LAX	LAXELR5 = if ((LAXCTYR5=1), 1,0)

Check_ES5_MIA.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_MIA. [DO NOT read choices.]
MIACTYR5 Eligibility, Miami county of residence

Miami-Dade County	1
Other	88
Don't Know	999
Refuse to Answer	777

CALC_MIAELR5.		
MIAELR5	Eligible county resident: MIA	MIAELR5 = if ((MIACTYR5=1), 1,0)

Check_ES5_MEM.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_MEM. [DO NOT read choices.]
MEMCTYR5 Eligibility, Memphis county of residence

Fayette County, TN	1
Shelby County, TN	2
Tipton County, TN	3
Benton County, MS	4
DeSoto County, MS	5
Marshall County, MS	6
Tate County, MS	7
Tunica County, MS	8
Crittendon County, AR	9
Other	88
Don't Know	999

Refuse to Answer 777

CALC_MEMELR5.		
MEMELR5	Eligible county resident: MEM	MEMELR5 = if ((MEMCTYR5=1 OR MEMCTYR5=2 OR MEMCTYR5=3 OR MEMCTYR5=4 OR MEMCTYR5=5 OR MEMCTYR5=6 OR MEMCTYR5=7 OR MEMCTYR5=8 OR MEMCTYR5=9), 1,0)

Check_ES5_NAU.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_NAU. [DO NOT read choices.]
NAUCTYR5 Eligibility, Nassau county of residence

Nassau County 1
Suffolk County 2
Other 88
Don't Know 999
Refuse to Answer 777

CALC_NAUELR5.		
NAUELR5	Eligible county resident: NAU	NAUELR5 = if ((NAUCTYR5=1 OR NAUCTYR5=2), 1,0)

Check_ES5_NEW.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_NEW. [DO NOT read choices.]
NEWCTYR5 Eligibility, Newark county of residence

Essex County, NJ 1
Hunterdon County, NJ 2
Hudson County, NJ 3
Morris County, NJ 4
Somerset County, NJ 5
Sussex County, NJ 6
Union County, NJ 7
Pike County, PA 8
Other 88
Don't Know 999
Refuse to Answer 777

CALC_NEWELR5.		
NEWELR5	Eligible county resident: NEW	NEWELR5 = if ((NEWCTYR5=1 OR NEWCTYR5=2 OR NEWCTYR5=3 OR NEWCTYR5=4 OR NEWCTYR5=5 OR NEWCTYR5=6 OR NEWCTYR5=7 OR NEWCTYR5=8), 1,0)

Check_ES5_NOL.	Go to CALC_E_CITY.

ES5_NOL. **What parish do you currently live in?**

	[DO NOT read choices.]	
NOLCTYR5	Eligibility, New Orleans parish of residence	
	Jefferson Parish	1
	Orleans Parish	2
	Plaquemines Parish	3
	St. Bernard Parish	4
	St. Charles Parish	5
	St. James Parish	6
	St. John the Baptist Parish	7
	St. Tammany Parish	8
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_NOLEL.		
NOLELR5	Eligible parish resident: NOL	NOLELR5 = if ((NOLCTYR5=1 OR NOLCTYR5=2 OR NOLCTYR5=3 OR NOLCTYR5=4 OR NOLCTYR5=5 OR NOLCTYR5=6 OR NOLCTYR5=7 OR NOLCTYR5=8), 1,0)

Check_ES5_NYC.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_NYC.	[DO NOT read choices.]	
NYCCTYR5	Eligibility, New York City county of residence	
	Bronx County, NY	1
	Kings County, NY	2
	New York County, NY	3
	Orange County, NY	4
	Queens County, NY	5
	Richmond County, NY	6
	Rockland County, NY	7
	Westchester County, NY	8
	Bergen County, NJ	9
	Middlesex County, NJ	11
	Monmouth County, NJ	12
	Ocean County, NJ	13
	Passaic County, NJ	14
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_NYCELR5.		
NYCELR5	Eligible county resident: NYC	NYCELR5 = if ((NYCCTYR5=1 OR NYCCTYR5=2 OR NYCCTYR5=3 OR NYCCTYR5=4 OR NYCCTYR5=5 OR NYCCTYR5=6 OR NYCCTYR5=7 OR NYCCTYR5=8 OR NYCCTYR5=9 OR NYCCTYR5=11 OR NYCCTYR5=12 OR NYCCTYR5=13 OR NYCCTYR5=14), 1,0)

Check_ES5_NOR.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_NOR.	[DO NOT read choices.]	
NORCTYR5	Eligibility, Norfolk county of residence	
	Chesapeake City, VA	1
	Gloucester County, VA	2
	Hampton City, VA	3
	Isle of Wight County, VA	4
	James City County, VA	5
	Mathews County, VA	6
	Newport News City, VA	7
	Norfolk City, VA	8
	Poquoson City, VA	9
	Portsmouth City, VA	10
	Suffolk City, VA	11
	Virginia Beach City, VA	13
	Williamsburg City, VA	14
	York County, VA	15
	Currituck County, NC	16
	Gates County, NC	20
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_NORELR5.		
NORELR5	Eligible county resident: NOR	NORELR5 = if ((NORCTYR5=1 OR NORCTYR5=2 OR NORCTYR5=3 OR NORCTYR5=4 OR NORCTYR5=5 OR NORCTYR5=6 OR NORCTYR5=7 OR NORCTYR5=8 OR NORCTYR5=9 OR NORCTYR5=10 OR NORCTYR5=11 OR NORCTYR5=13 OR NORCTYR5=14 OR NORCTYR5=15 OR NORCTYR5=16 OR NORCTYR5=20), 1,0)

Check_ES5_PHL.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_PHL.	[DO NOT read choices.]	
PHLCTYR5	Eligibility, Philadelphia county of residence	
	Delaware County	3
	Philadelphia County	5
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_PHLELR5.		
PHLELR5	Eligible county resident: PHL	PHLELR5 = if ((PHLCTYR5=3 OR PHLCTYR5=5), 1,0)

Check_ES5_PTL.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_PTL.	[DO NOT read choices.]	
PTLCTYR5	Eligibility, Portland county of residence	
	Clackamas County, OR	1
	Columbia County, OR	2
	Multnomah County, OR	3
	Washington County, OR	4
	Yamhill County, OR	5
	Clark County, WA	6
	Skamania County, WA	7
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_PTLELR5.		
PTLELR5	Eligible county resident: PTL	PTLELR5 = if ((PTLCTYR5=1 OR PTLCTYR5=2 OR PTLCTYR5=3 OR PTLCTYR5=4 OR PTLCTYR5=5 OR PTLCTYR5=6 OR PTLCTYR5=7), 1,0)

Check_ES5_SDG.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_SDG.	[DO NOT read choices.]	
SDGCTYR5	Eligibility, San Diego county of residence	
	San Diego County	1
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_SDGELR5.		
SDGELR5	Eligible county resident: SDG	SDGELR5 = if ((SDGCTYR5=1), 1,0)

Check_ES5_SFO.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_SFO.	[DO NOT read choices.]	
SFOCTYR5	Eligibility, San Francisco county of residence	
	San Francisco County	2
	San Mateo County	3
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_SFOELR5.		
SFOELR5	Eligible county resident: SFO	SFOELR5 = if ((SFOCTYR5=2 OR SFOCTYR5=3), 1,0)

Check_ES5_SJN.	Go to CALC_E_CITY.

ES5_SJN. **What municipality (county) do you currently live in?**

	[DO NOT read choices.]	
SJNCTYR6	Eligibility, San Juan county (municipio) of residence	
	Aguas Buenas	1
	Aibonito	2
	Barceloneta	3
	Barranquitas	4
	Bayamón	5
	Caguas	6
	Canóvanas	7
	Carolina	8
	Cataño	9
	Cayey	10
	Ceiba	11
	Ciales	12
	Cidra	13
	Comerío	14
	Corozal	15
	Dorado	16
	Fajardo	17
	Florida	18
	Guaynabo	19
	Gurabo	20
	Humacao	21
	Juncoa	22
	Las Piedras	23
	Loíza	24
	Luquillo	25
	Manatí	26
	Manuabo	27
	Morovis	28
	Naguabo	29
	Naranjito	30
	Orocovis	31
	Río Grande	32
	San Juan	33
	San Lorenzo	34
	Toa Alta	35
	Toa Baja	36
	Trujillo Alto	37
	Vega Alta	38
	Vega Baja	39
	Yabucoa	40
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_SJNELR6.		
SJNELR6	Eligible municipality resident: SJN	SJNELR6 = if ((SJNCTYR6=1 OR SJNCTYR6=2 OR SJNCTYR6=3 OR SJNCTYR6=4 OR SJNCTYR6=5 OR SJNCTYR6=6 OR SJNCTYR6=7 OR SJNCTYR6=8 OR SJNCTYR6=9 OR SJNCTYR6=10 OR SJNCTYR6=11 OR SJNCTYR6=12 OR SJNCTYR6=13 OR

	SJNCTYR6=14 OR SJNCTYR6=15 OR SJNCTYR6=16 OR SJNCTYR6=17 OR SJNCTYR6=18 OR SJNCTYR6=19 OR SJNCTYR6=20 OR SJNCTYR6=21 OR SJNCTYR6=22 OR SJNCTYR6=23 OR SJNCTYR6=24 OR SJNCTYR6=25 OR SJNCTYR6=26 OR SJNCTYR6=27 OR SJNCTYR6=28 OR SJNCTYR6=29 OR SJNCTYR6=30 OR SJNCTYR6=31 OR SJNCTYR6=32 OR SJNCTYR6=33 OR SJNCTYR6=34 OR SJNCTYR6=35 OR SJNCTYR6=36 OR SJNCTYR6=37 OR SJNCTYR6=38 OR SJNCTYR6=39 OR SJNCTYR6=40), 1,0)

Check_ES5_SEA.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_SEA.	[DO NOT read choices.]	
SEACTYR5	Eligibility, Seattle county of residence	
	King County	1
	Snohomish County	2
	Other	88
	Don't Know	999
	Refuse to Answer	777

CALC_SEAELR5.		
SEAELR5	Eligible county resident: SEA	SEAELR5 = if ((SEACTYR5=1 OR SEACTYR5=2), 1, 0)

Check_ES5_WDC.	Go to CALC_E_CITY.

What county do you currently live in?

ES5_WDC.	[DO NOT read choices.]	
WDCCTYR5	Eligibility, Washington DC county of residence	
	District of Columbia	1
	Calvert County, MD	2
	Charles County, MD	3
	Prince George's County, MD	4
	Alexandria City, VA	5
	Fairfax City, VA	6
	Falls Church City, VA	7
	Fredericksburg City, VA	8
	Manassas City, VA	9
	Manassas Park City, VA	10
	Arlington County, VA	11
	Clarke County, VA	12
	Culpeper County, VA	13
	Fairfax County, VA	14
	Fauquier County, VA	15
	Loudoun County, VA	16
	Prince William County, VA	17
	Rappahannock County, VA	18
	Spotsylvania County, VA	19
	Stafford County, VA	20
	Warren County, VA	21
	Jefferson County, WV	22

Other	88
Don't Know	999
Refuse to Answer	777

CALC_WDCELR5.		
WDCELR5	Eligible county resident: WDC	WDCELR5 = if ((WDCCTYR5=1 OR WDCCTYR5=2 OR WDCCTYR5=3 OR WDCCTYR5=4 OR WDCCTYR5=5 OR WDCCTYR5=6 OR WDCCTYR5=7 OR WDCCTYR5=8 OR WDCCTYR5=9 OR WDCCTYR5=10 OR WDCCTYR5=11 OR WDCCTYR5=12 OR WDCCTYR5=13 OR WDCCTYR5=14 OR WDCCTYR5=15 OR WDCCTYR5=16 OR WDCCTYR5=17 OR WDCCTYR5=18 OR WDCCTYR5=19 OR WDCCTYR5=20 OR WDCCTYR5=21 OR WDCCTYR5=22), 1,0)

MSA Residence calculation

CALC_E_CITY.		
E_CITY	Eligible city resident	E_CITY = if ((ATLELR6=1 or BLTELR5=1 or BSTELR5=1 or CHIELR5=1 or DALELR5=1 or DENELR5=1 or DETELR5=1 or HOUELR5=1 or LAXELR5=1 or MEMELR5=1 or MIAELR5=1 or NAUELR5=1 or NEWELR5=1 or NOLELR5=1 or NORELR5=1 or NYCELR5=1 or PHLELR5=1 or PTLELR5=1 or SDGELR5=1 or SFOELR5=1 or SJNELR6=1 or SEAELR5=1 or WDCELR5=1),1,0)

Check_ES5spec.	If R is resident of 'other' county (ES5_ATL EQ 88 or ES5_BLT EQ 88 or ES5_BOS EQ 88 or ES5_CHI. EQ 88 or ES5_DAL. EQ 88 or ES5_DEN. EQ 88 or ES5_DET. EQ 88 or ES5_HOU. EQ 88 or ES5_LAX. EQ 88 or ES5_MEM. EQ 88 or ES5_MIA. EQ 88 or ES5_NAU. EQ 88 or ES5_NEW. EQ 88 or ES5_NOL. EQ 88 or ES5_NOR. EQ 88 or ES5_NYC. EQ 88 or ES5_PHL. EQ 88 or ES5_PTL. EQ 88 or ES5_SDG. EQ 88 or ES5_SFO. EQ 88 or ES5_SJN. EQ 88 or ES5_SEA.EQ 88 or ES5_WDC. EQ 88), go to ES5spec. Else, go to Check_ES6.

ES5spec.	**INTERVIEWER: Specify other county (If Boston, Specify other city or town):**
SPECCNTY	Specify other county __ __ __ __ __ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ {text response; max length = 100 characters}

Gender

Check_ES8.	If MSM cycle (CYCLE EQ 1), go to ES8. Else, go to ES9.

What was your sex at birth?

ES8. [DO NOT read choices.]
BIRTHSEX Sex at birth

Male	1
Female	2
Intersex/ambiguous	3
Don't Know	9
Refuse to Answer	7

ES9. **Do you consider yourself to be male, female or transgender?**

GENDER	Gender	
	Male	1
	Female	2
	Transgender	3
	Don't Know	9
	Refuse to Answer	7

Check_ES9a.	If MSM cycle (E_ 1), go to ES9a. If IDU cycle (CYCLE EQ 2), go to ES10. If HET cycle (CYCLE EQ 3), go to Check_INTRO_ES17.

Behavioral Eligibility, NHBS-MSM

ES9a.	**Have you ever had vaginal or anal sex with a woman?**	
E_EVRMSW	Eligibility: MSM, Ever had sex with woman	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

ES9b.	**Have you ever had oral or anal sex with a man?**	
E_EVRMSM	Eligibility: MSM, Ever had sex with man	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

NHBS-MSM Venue Attendance

ES9c.	**In the past 30 days, how many times have you gone to a place where gay men hang out, meet, or socialize? These could include bars, clubs, social organizations, parks, gay businesses, bookstores, sex clubs, etc. Do not include places where you are employed.**	
ATTEND30	Venue attendance, 30 days	
	__ __ __	
	Range	0 - 700
	Don't Know	999
	Refuse to Answer	777

Check_ES10.	Go to INTRO_ES18.

Behavioral Eligibility, NHBS-IDU

ES10.	**Have you ever in your life shot up or injected any drugs other than those prescribed for you? By shooting up, I mean any time you might have used drugs with a needle, either by mainlining, skin popping, or muscling.**	
E_EVRINJ	Eligibility: ever injected	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_ES11.	If R ever injected (ES10 EQ 1), go to ES11. Else (ES10 NE 1), go to INTRO_ES18.

When was the last time you injected any drug? That is, how many days or months or years ago did you last inject?

ES11. [**INTERVIEWER:** If today, enter "0"]
E_LINJN IDU ES: When last injected, number

__ __ __

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

Check_ES11a.	If R last injected today or did not report the last time they injected (ES11 EQ 0, DK, or REF), go to CALC_E_INJ12. Else, go to ES11a.

ES11a. [**INTERVIEWER:** Was this days or months or years?]
E_LINJU IDU ES : When last injected, unit

Days	0
Months	1
Years	2

CALC_E_INJ12.		
E_INJ12	injected in last 12 months	E_INJ12 = if (E_LINJN= .DK or E_LINJN= .REF),., if(E_LINJN=0), 1, if (E_LINJU=0 and E_LINJN<=365), 1, if ((E_LINJU=1 and E_LINJN<=12), 1, if ((E_LINJU=2 and E_LINJN <=1), 1, 0)))))

[Give Respondent Flashcard B.]

Which drug do you inject most often?

ES12. [READ choices.]
E_USINJ Eligibility, drug usually injected

Speedball, which is heroin and cocaine together	1
Heroin, by itself	2
Powder cocaine, by itself	3
Crack cocaine, by itself	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

Check_ES12spec.	If R most often injects 'something else' (ES12 EQ 7), go to ES12spec. Else, go to ES13.

ES12spec. **INTERVIEWER: Specify other injection drug**
SPECE_ID Specify other injection drug

__ __ __ __ __ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __
{text response; max characters = 100}

Where on your body do you usually inject?

ES13.

[**INTERVIEWER:** Have respondent show ALL injection areas on body. Check for physical signs of injection.]

[DO NOT read choices. CHECK ALL that apply.]

E_INJBD	Part of body injected	
E_INJBDA	Fresh track marks	
E_INJBDB	Needle-sized scabs	
E_INJBDC	Abscesses	
E_INJBDD	Old track marks or scars	
E_INJBDE	Injects in covered area	
E_INJBDF	Showed injection area(s) but NO physical signs	
	Refuse to Answer	7

HardEdit_ES13.	If interviewer records both physical signs & 'no physical signs' of injection (E_INJBDA EQ 1 or E_INJBDB EQ 1 or E_INJBDC EQ 1 or E_INJBDD EQ 1) & E_INJBDF EQ 1, DISPLAY: "**INTERVIEWER**: You indicated that the respondent had both physical signs and no physical signs of injection. Clarify and re-enter response to current or prior item as needed." Then go back to ES13. Else, go to CALC_E_INJSIG.

CALC_E_INJSIG.		
E_INJSIG	Eligible: Phy Sign Recent Injection	If R has fresh track marks, needle-sized scabs, or abcesses (E_INJBDA=1 OR E_INJBDB=1 OR E_INJBDC=1), E_INJSIG EQ 1. If R has old track marks or scars, has no physical signs of injection, or has no physical signs of injection and injects in a covered area (E_INJBDD=1 OR E_INJBDF=1 OR (E_INJBDE=1 and E_INJBDF=1)), E_INJSIG EQ 2. If R refused to answer (E_INJBD= REF) or only injected in a covered area (E_INJBDE=1 and (E_INJBDA EQ 0 and E_INJBDB EQ 0 and E_INJBDC EQ 0 and E_INJBDD EQ 0 and E_INJBDF=0)), E_INJSIG EQ 0.

Check_ES14.	If R has only non-recent signs of injection, no physical signs of injection, or has no physical signs of injection and injects in a covered area (E_INJSIG EQ 2), go to ES14. Else, go to CALC_E_INJCT.

Step-by-step, tell me how you prepare your drugs.

[**INTERVIEWER:** Description could include:
--Mix drugs with water or lemon juice/vinegar--Use cooker /Heat drugs--Use filter]

ES14. E_INJPRP Eligibility, prepare drugs

Description OK..... 1
Description Not OK..... 2

Step-by-step, tell me how you inject your drugs.

[**INTERVIEWER:** Description could include:
--Tie off and find vein (IVDU)--Clean injection site--Register (IVDU)]

ES15. E_HWINJ Eligibility, how is injection done

Description OK..... 1
Description Not OK..... 2

What type of syringe do you usually inject with?

ES16. [**INTERVIEWER:** Description could include:

--Syringe size (in cc's or units)--Needle size (gauge, length)--Cap (color, number)(Can also ask where they usually get syringes, what they do with them after injecting, and how they know if they are new or used.)]

E_STYP Eligibility, type of syringe used

Description OK..... 1

Description Not OK..... 2

CALC_E_INJKNW.		
E_INJKNW	Eligible: Injection knowledge	E_INJKNW = if ((E_INJPRP=1 AND E_HWINJ=1 AND E_STYP=1),1,0)

CALC_E_INJCT.		
E_INJCT	Eligible: Injection signs or knowledge	E_INJCT = if (E_INJSIG=1 OR (E_INJSIG=2 AND E_INJKNW=1),1,0)

Check_HET_Behavioral_Eligibility. Go to INTRO_ES18.

Behavioral Eligibility, NHBS-HET

Check_INTRO_ES17. If R male or female (ES9 EQ 1 or 2), go to INTRO_ES17.
If R NOT male or female (ES9 EQ 3, DK, or REF), go to CALC_E_VAS12.

INTRO_ES17. DISPLAY: "READ: The next questions are about having sex. Please remember your answers will be kept private."

ES17. **Have you had sex with a** [if R is male, fill with "woman"; if R is female, fill with "man"] **in the past 12 months?**

E_OPPSEX Eligibility: opposite sex partner, past 12 mos.

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer 7

Check_ES17a. If R had sex with opposite-sex partner (ES17 EQ 1), go to ES17a.
Else, go to CALC_E_VAS12.

ES17a. **Did you have vaginal sex? By vaginal sex, I mean** [if R is male, fill with "you put your penis in her vagina"; if R is female, fill with "he put his penis in your vagina"]**.**

E_VS12 Eligibility: Vaginal sex past 12mos

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer 7

Check_ES17b. If R had vaginal sex (ES17a EQ 1), go to CALC_E_VAS12.
Else, go to ES17b.

ES17b. **Did you have anal sex? By anal sex, I mean** [if R is male, fill with "you put your penis in her anus or butt"; if R is female, fill with "he put his penis in your anus or butt"]**.**

E_AS12 Eligibility: Anal sex past 12mos

No..... 0

Yes..... 1

	Don't Know	9
	Refuse to Answer	7

Check_ES17conf.	If R reported sex but neither vaginal nor anal sex with opposite sex partner (ES17 EQ 1 & ES17a EQ 0 & ES17b EQ 0), go to ES17conf. Else, go to CALC_E_VAS12.

	So, in the last 12 months, you only had oral sex with a [if R is male, fill with "woman"; if R is female, fill with "man"]**?**	
ES17conf.	**Is that correct?**	
C_OS12	Eligibility: Oral sex confirmation only	
	No	0
	Yes	1 .

Check_CALC_E_VAS12.	If oral sex only NOT correct (ES17conf EQ 0), go back to ES17a. Else, go to CALC_E_VAS12.

CALC_E_VAS12.		
		If (E_VS12 =DK or REF) & (E_AS12 =DK or REF), E_VAS12=9.
	Eligibility: Opposite Sex	Else if (E_VS12 = 1 or E_AS12 = 1), E_VAS12 =1.
E_VAS12	Partner, p 12mos	Else, E_VAS12 = 0.

Language Proficiency

Notes_LanguageProficiency See Measure References.

INTRO_ES18.	DISPLAY: "READ: The next questions are about languages you speak."

ES18.	**How well do you speak English?**	
	[READ choices.]	
ENGPFCY	English proficiency	
	Very well	1
	Well	2
	Not well	3
	Not at all	4
	Don't Know	9
	Refuse to Answer	7

ES19.	**How well do you speak Spanish?**	
	[READ choices.]	
SPNPFCY	Spanish proficiency	
	Very well	1
	Well	2
	Not well	3
	Not at all	4
	Don't Know	9
	Refuse to Answer	7

Interviewer assessment, Pre-Interview

ES20a.	**INTERVIEWER: Is this person alert and capable of completing the survey in English or Spanish?**	
E_CAP	Eligibility: able to complete	
	No	0
	Yes	1

Check_ES20b.	If R is not able to complete the survey, go to ES20b. Else, go to ES20c.

ES20b.	**INTERVIEWER: Specify reason person not able to complete the interview: [CHECK ALL THAT APPLY.]**	
E_CAPA	Eligibility: Reason not able to complete	
E_CAPAA	Not able to understand or consent	
E_CAPAB	Cannot speak and understand English or Spanish	

ES20c.	**INTERVIEWER: Did your field supervisor tell you that this person cannot complete the survey for some other reason?**	
E_FS	Eligibility: field supervisor reason	
	No	0
	Yes	1

Check_ES20d.	If field supervisor stated that R is not able to complete the survey for some other reason (ES20c EQ 1) and MSM or IDU cycle (CYCLE EQ 1 OR 2), go to ES20d. If field supervisor stated that R is not able to complete the survey for some other reason (ES20c EQ 1) and HET cycle (CYCLE EQ 3), go to ES20e. Else, go to INTRO_Check_CALC_EL.

ES20d.	**INTERVIEWER: Specify other reason person not able to complete the interview: [CHECK ALL THAT APPLY.]**	
E_FSMI	Eligibility: cannot complete- MSM, IDU	
E_FSMIA	Known previous participant	
E_FSMIB	Reported age not plausible (<18 years old)	

Check_ES20e.	Go to INTRO_Check_CALC_EL.

ES20e.	**INTERVIEWER: Specify other reason person not able to complete the interview: [CHECK ALL THAT APPLY.]**	
E_FSHET	Eligibility: cannot complete- HET	
E_FSHETA	Known previous participant	
E_FSHETB	Reported age not plausible (<18 years old)	
E_FSHETC	Reported age not plausible (>60 years old)	

INTRO_Check_CALC_EL.	DISPLAY: "READ: We've finished the first series of questions. Now the computer will determine whether you've been selected to participate in the survey."

Cycle Eligibility Calculation

Check_CALC_EL.	If MSM cycle (CYCLE EQ 1), go to CALC_EL_MSM. If IDU cycle (CYCLE EQ 2), go to CALC_EL_IDU. If HET cycle (CYCLE EQ 3), go to CALC_EL_HET.

CALC_EL_MSM.		
EL_MSM	Eligible: MSM cycle	EL_MSM = if((DOB^=.DK AND DOB^=.REF AND AGE>17 & E_PART=0 & E_CITY=1 & E_CAP=1 & E_FS=0 & GENDER=1 & BIRTHSEX=1 & E_EVRMSM=1),1,0)

CALC_EL_IDU.		
EL_IDU	Eligible: IDU cycle	EL_IDU = if((DOB^=.DK & DOB^=.REF & AGE>17 & E_PART=0 & E_CITY=1 & E_CAP=1 & E_FS=0 & E_EVRINJ=1 & E_INJ12=1 & E_INJCT=1),1,0)

CALC_EL_HET.		
EL_HET	Eligible: HET cycle	EL_HET = if((DOB^=.DK & DOB^=.REF & AGE>17 & AGE<61 & E_PART=0 & E_CITY=1 & E_CAP=1 & E_FS=0 & (GENDER=1 OR GENDER=2) & (E_VAS12=1)),1,0)

CALC_ENDSCR.		
ENDSCR	Time eligibility screener ended	ENDSCR = Current time

END_ES.	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), go to END Section (END). If R eligible for cycle (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1), DISPLAY: "READ: Congratulations! The computer has selected you to participate in the health survey. Let me tell you about it. [**INTERVIEWER:** Proceed with the consent process.]" Then go to Consent Section (CN).

NHBS ROUND 6 QUESTIONNAIRE

CONSENT (CN)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
CalcVars	--	CYCLE	NHBS Cycle
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle

Consent, Pre-Interview

Universe_CN.	All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1).

CN1. **Do you agree to take part in the survey?**
CONSENTA Consent to survey
No 0
Yes 1

Check_CN2.	If R consented to interview (CN1 EQ 1), go to CN2. Else, go to INTRO_CN5.

CN2. **Do you agree to HIV counseling and testing?**
CONSENTB Consent to HIV testing
No 0
Yes 1

CN3a. **[INTERVIEWER:** If you did not offer the person hepatitis testing, enter 'Not offered.'**]**

Do you agree to hepatitis testing?
CNSTHEP1 Consent to hepatitis testing
No 0
Yes 1
Not offered 2

Check_CN3b.	If MSM or HET cycle (CYCLE EQ 1 or 3), go to CN3b. Else, go to Check_CN4.

[INTERVIEWER: If you did not offer the person STD testing, enter 'Not offered.'**]**

CN3b.
Do you agree to STD testing?
CNSTSTD1 Consent to STD testing
No 0
Yes 1
Not offered 2

Check_CN4.	If R consented to HIV, hepatitis, or STD testing (CN2 EQ 1 or CN3a EQ 1 or CN3b EQ 1), go to CN4. Else, go to INFO_Consent_2.

CN4.	**Do you agree to let us store some of your test sample(s) for future testing?**	
CNSTSTG1R6	Consent to specimen storage	
	No	0
	Yes	1

	DISPLAY: "**INTERVIEWER:** Respondent has consented to the survey and: - **HIV** testing, [If R consented to HIV testing (CN2 EQ 1), then fill with "**DID** consent", else fill with "did **NOT** consent"] - **hepatitis** testing, [If R consented to hepatitis testing (CN3a EQ 1), then fill with "**DID** consent", if R not offered (CN3a EQ 2), hepatitis testing, fill with "not offered", else fill with "did **NOT** consent"] If MSM or HET Cycle, (CYCLE EQ 1 or CYCLE EQ 3), fill with "- **STD** testing, [If R consented to STD testing (CN3b EQ 1), then fill with "**DID** consent", if R not offered STD testing (CN3b EQ 2), fill with "not offered", else fill with "did **NOT** consent"]", if IDU cycle, fill with " " - specimen <u>storage,</u> [If R consented to specimen storage (CN4 EQ 1), then fill with "**DID** consent", else fill with "did **NOT** consent"]
INFO_Consent_1.	If any of these is incorrect, GO BACK to the previous screens and re-enter the correct consent."

Check_ INFO_Consent_2.	Go to END_CN.

INFO_Consent_2.	DISPLAY: "**INTERVIEWER**: Respondent has only consented to the survey. If this is incorrect, GO BACK to the previous screens and re-enter the correct consent."

Check_CN5.	Go to END_CN.

INTRO_CN5.	DISPLAY: "READ: Thank you for answering the questions."

We're interested in knowing why people do not want to do this study. Would you mind telling me which of the following best describes the reason you do not want to do this study?

CN5.	[READ choices. CHECK ALL that apply.]
DECLINE	Reason declined study
DECLINEA	You don't have time
DECLINEB	You don't want to talk about these topics
DECLINEC	Some other reason
DECLINED	You'd rather not say why

END_CN.	If R consented to interview (CN1 EQ 1), go to Core Introduction (CI) Section. If R did not consent to interview (CN1 NE 1) and MSM cycle (CYCLE EQ 1), go to Check_END6a. If R did not consent to interview (CN1 NE 1) and IDU or HET cycle (CYCLE EQ 2 or CYCLE EQ 3), go to END12.

NHBS ROUND 6 QUESTIONNAIRE

CORE INTRODUCTION (CI)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded Variables	--	CYCLE	NHBS Cycle
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Consent	CN1	CONSENTA	Consent to survey

Universe_CI.	All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1).

CI1_OMB.	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" (CI1OMB_F)] 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.

CALC_START_C.		
START_C	Interview start time	START_C = Current time

INTRO_CORE.	On one screen, DISPLAY: "GET READY TO BEGIN THE SURVEY." On the next screen, DISPLAY: "READ: 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." Then, go to END_CI.

END_CI.	Go to Network Section (NS).

NHBS ROUND 6 QUESTIONNAIRE

NETWORK SECTION (NS)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded variables	--	CYCLE	NHBS Cycle
Interviewer Entered Information	IE2	CITY	City
Interviewer Entered Information	IE10	ISEED	Respondent is a seed
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle

UNIVERSE_NS. IDU or HET cycle eligible Rs (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1).

CALC_BEGNS.

BEGNS Time at beginning of network section BEGNS = Current time

IDU Network Series (INTRO_NS1- Check_Check_INTRO_NS3)

If IDU cycle (CYCLE EQ 2) & R is not a seed (IE10 EQ 0), go to INTRO_NS1.
If IDU cycle (CYCLE EQ 2) & R is a seed (IE10 EQ 1), go to INTRO_NS2a.1.
If HET cycle (CYCLE EQ 3) & R is not a seed (IE10 EQ 0), go to INTRO_NS3.
If HET cycle (CYCLE EQ 3) & R is a seed (IE10 EQ 1), go to INTRO_NS4a.1.

Check_INTRO_NS1. If MSM cycle (CYCLE EQ 1), go to CALC_ENDNS.

IDU Recruiter Relationship

INTRO_NS1. DISPLAY: "READ: 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 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] who inject. Please remember that your answers will be kept private."

[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

HardEdit_NS1. If recruiter was a stranger and some other relationship type (NS_IRELF EQ 1 & NS_IREL>1), then DISPLAY:
"**INTERVIEWER**: Respondent cannot choose stranger along with some other relationship type. Clarify respondent's relationship with their recruiter." Then, go back to NS1.
Else, go to Check_NS1CONF.

Check_NS1CONF.	If recruiter was a stranger (NS_IRELF EQ 1), go to NS1CONF. If recruiter was not a stranger (NS_IRELF NE 1), go to INTRO_NS2a.1.

When and where did you first see this person?

NS1CONF. NS_RSTRI	[**INTERVIEWER:** If the respondent indicates that he first saw the recruiter in a situation related to the project (e.g. receiving their coupon, waiting outside of the storefront, etc.), then check "Recruiter is a stranger".] Confirmation: recruiter is a stranger Recruiter is a stranger ..... 1 Recruiter is NOT a stranger 2

Check_INTRO_NS2a.1.	If R does not confirm that his recruiter was a stranger (NS1CONF EQ 2), go back to NS1. If R confirms that his recruiter was a stranger (NS1CONF EQ 1), go to INTRO_NS2a.1.

IDU Network Size: First Loop

INTRO_NS2a.1.	DISPLAY: "READ: 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 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] who inject and whom you have seen in the past 30 days. I will not ask you questions about any specific person."

NS2a.1. NS_IDUMA	**Please tell me how many men in** [if the project area is Norfolk (IE2 EQ 17), 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."] # male IDUs known: net size Range..... 0 - 7500 Don't Know..... 9999 Refuse to Answer 7777
NS2b.1. NS_IDUFE	**How many women in** [if the project area is Norfolk (IE2 EQ 17), 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."] # 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_NS2CONFa.	If NSC_IDUS EQ 0, go to NS2CONFa. If NSC_IDUS EQ 1, 2, or 3, go to NS2CONFb. If NSC_IDUS GT 3, go to NS2CONFc.

NS2CONFa.
NS_IZERO

You said you don't know anyone in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **who injects that you have seen in the past 30 days. Is this correct?** [If R is not a seed (IE10 EQ 0), fill with "Did you include the person who gave you the coupon?"]
Confirmation: NSC_IDUS = 0

No - - DOES know other injectors	0
Yes - - does NOT know any other injectors	1

Check_NS2CONFb.	If R does not know any other injectors (NS2CONFa EQ 1), go to CALC_ENDNS. If R does know other injectors (NS2CONFa EQ 0), DISPLAY: "**INTERVIEWER**: Please re-enter the correct network size." Then, go to NS2a.2.

NS2CONFb.
NS_ILOWS

Is there anyone else you know in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **who injects that you have seen in the past 30 days?** [If R is not a seed (IE10 EQ 0), fill with "Did you include the person who gave you the coupon?"]
Confirmation: NSC_IDUS < 4

No - - does NOT know any other injectors	0
Yes - - DOES know more injectors	1

Check_NS2CONFc.	If R does not know any other injectors (NS2CONFb EQ 0), go to CALC_ENDNS. If R does know other injectors (NS2CONFb EQ1), DISPLAY: "**INTERVIEWER**: Please re-enter the correct network size." Then, go to NS2a.2.

NS2CONFc.
NS_ICHCK

So in the past 30 days, you've seen [fill with NSC_IDUS] **people who you know inject and who live in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]**. Would you say that** [fill with NSC_IDUS] **people is about right?**
Confirmation: NSC_IDUS correct

Yes, about right	0
No, you actually know FEWER people who inject	1
No, you actually know MORE people who inject	2
Don't Know	9
Refuse to Answer	7

Check_NS2a.2.	If R knows fewer or more people who inject (NS2CONFc EQ 1 or 2), go to NS2a.2. Else, go to CALC_ENDNS.

IDU Network Size: Second Loop

NS2a.2.
NS_IDUM2

Please tell me how many men in [if the project area is Norfolk (IE2 EQ 17), 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."]
male IDUs known: net size, 2nd loop

Range	0 - 7500
Don't Know	9999
Refuse to Answer	7777

NS2b.2. NS_IDUF2	**How many women in** [if the project area is Norfolk (IE2 EQ 17), 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."] # female IDUs known: net size , 2nd loop	
	Range.....	0 - 7500
	Don't Know.....	9999
	Refuse to Answer	7777

Check_CALC_NSC_IDUM2.	If (NS2a.2 EQ DK or REF) & (NS2b.2 EQ DK or REF), go to CALC_ENDNS. Else, go to CALC_NSC_IDUM2.

CALC_NSC_IDUM2.		
NSC_IDUM	# male IDUs known: calculated net size	NSC_IDUM = if(NS_IDUM2=.DK OR NS_IDUM2=.REF,0,NS_IDUM2)

CALC_NSC_IDUF2.		
NSC_IDUF	# female IDUs known: calculated net size	NSC_IDUF = if(NS_IDUF2=.DK OR NS_IDUF2=.REF,0,NS_IDUF2)

CALC_NSC_IDUS2.		
NSC_IDUS	# IDUs known: calculated net size	NSC_IDUS = NSC_IDUM+NSC_IDUF

NS2c.2. NS_ICHK2	**So in the past 30 days, you've seen** [fill with NSC_IDUS] **people who you know inject and who live in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]**. Would you say that** [fill with NSC_IDUS] **people is about right?** Confirmation: NSC_IDUS correct, 2nd loop	
	Yes, about right	0
	No, you actually know FEWER people who inject	1
	No, you actually know MORE people who inject.....	2
	Don't Know.....	9
	Refuse to Answer	7

Check_INTRO_NS3.	Go to CALC_ENDNS.

HET Network Series (INTRO_NS3- NS4c.2)

HET Recruiter Relationship

INTRO_NS3.	DISPLAY: "READ: 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 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]. Please remember that your answers will be kept private."

[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.

NS3.	[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

HardEdit_NS3.	If recruiter was a stranger and some other relationship type (NS_HRELE EQ 1 & NS_HREL>1), DISPLAY: "**INTERVIEWER**: Respondent cannot choose stranger along with some other relationship type. Clarify respondent's relationship with their recruiter." Then, go back to NS3. Else, go to Check_NS3CONF.

Check_NS3CONF.	If R's recruiter was a stranger (NS_HRELE EQ 1), go to NS3CONF. If R's recruiter was not a stranger (NS_HRELE NE 1), go to INTRO_NS4a.1.

When and where did you first see this person?

NS3CONF.	[**INTERVIEWER**: If the respondent indicates that he first saw the recruiter in a situation related to the project (e.g. receiving their coupon, waiting outside of the storefront, etc.), then check "Recruiter is a stranger".]
NS_RSTRH	Confirmation: recruiter is a stranger
	Recruiter is a stranger 1
	Recruiter is NOT a stranger 2

Check_INTRO_NS4a.1.	If R does not confirm that recruiter was a stranger (NS3CONF EQ 2), go back to NS3. If R confirms that recruiter was a stranger (NS3CONF EQ 1), go to INTRO_NS4a.1.

HET Network Size: First Loop

INTRO_NS4a.1.	DISPLAY: "READ: 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 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] whom you have seen in the past 30 days. I will not ask you any questions about any specific person."

NS4a.1.	**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 17), 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."]
NS_HETMA	# males known: net size
	Range..... 0 - 7500
	Don't Know..... 9999
	Refuse to Answer 7777

NS4b.1.
NS_HETFE

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 17), 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."]

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.

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

Check_NS4CONFa. If NSC_HETS EQ 0, go to NS4CONFa.
If NSC_HETS EQ 1, 2 or 3, go to NS4CONFb.
If NSC_HETS GT 3, go to NS4CONFc.

NS4CONFa.
NS_HZERO

You said you haven't seen anyone in the past 30 days in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **who is a friend, relative, or someone you associate with who is at least 18 years old. Is this correct?** [If R is not a seed (IE10 EQ 0), fill with "Did you include the person who gave you the coupon?"]

Confirmation: NSC_HETS = 0

No - - DOES know others	0
Yes - - does NOT know any others	1

Check_NS4CONFb. If R does not know others (NS4CONFa EQ 1), go to CALC_ENDNS.
If R does know others (NS4CONFa EQ 0), DISPLAY: "**INTERVIEWER**: Please re-enter the correct network size."
Then, go to NS4a.2.

NS4CONFb.
NS_HLOWS

Is there anyone else you know in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **who is a friend, relative, or someone you associate with who is at least 18 years old who you've seen in the past 30 days?** [If R is not a seed (IE10 EQ 0), fill with "Did you include the person who gave you the coupon?"]

Confirmation: NSC_HETS < 4

No - - Does NOT know any others	0
Yes - - DOES know others	1

Check_NS4CONFc.	If R does not know others (NS4CONFb EQ 0), go to CALC_ENDNS. If R does know others (NS4CONFb EQ 1), DISPLAY: "**INTERVIEWER**: Please re-enter the correct network size." Then, go to NS4a.2.

NS4CONFc. NS_HCHCK	**So in the past 30 days, you've seen** [fill with NSC_HETS] **friends, relatives, or people you associate with that live in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **and are at least 18 years old. Would you say that** [fill with NSC_HETS] **people is about right?** Confirmation: NSC_HETS correct	
	Yes, about right	0
	No, you actually know FEWER people	1
	No, you actually know MORE people	2
	Don't Know	9
	Refuse to Answer	7

Check_NS4a.2.	If R knows fewer or more people (NS4CONFc EQ 1 or 2), go to NS4a.2. Else, go to CALC_ENDNS.

HET Network Size: Second Loop

NS4a.2. NS_HETM2	**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 17), 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."] # males known: net size, 2nd loop	
	Range	0 - 7500
	Don't Know	9999
	Refuse to Answer	7777

NS4b.2. NS_HETF2	**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 17), 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."] # females known: net size, 2nd loop	
	Range	0 - 7500
	Don't Know	9999
	Refuse to Answer	7777

Check_CALC_NSC_HETM2.	If (NS4a.2 EQ DK or REF) & (NS4b.2 EQ DK or REF), go to CALC_ENDNS. Else, go to CALC_NSC_HETM2.

CALC_NSC_HETM2.		
	# males known: calculated	
NSC_HETM	net size	NSC_HETM = if(NS_HETM2=.DK OR NS_HETM2=.REF,0,NS_HETM2)

CALC_NSC_HETF2.		
	# females known: calculated	
NSC_HETF	net size	NSC_HETF = if(NS_HETF2=.DK OR NS_HETF2=.REF,0,NS_HETF2)

CALC_NSC_HETS2.		
NSC_HETS	# HETs known: calculated net size	NSC_HETS = NSC_HETM+NSC_HETF

NS4c.2. NS_HCHK2	**So in the past 30 days, you've seen** [fill with NSC_HETS] **friends, relatives, or people you associate with that live in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]**and are at least 18 years old. Would you say that** [fill with NSC_HETS] **people is about right?** Confirmation: NSC_HETS correct, 2nd loop

Yes, about right	0
No, you actually know FEWER people	1
No, you actually know MORE people	2
Don't Know	9
Refuse to Answer	7

CALC_ENDNS.		
ENDNS	Time network section ended	ENDNS = Current time

END_NS.	Go to Demographic Section (DM).

NHBS ROUND 6 QUESTIONNAIRE

DEMOGRAPHICS (DM)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded variables	--	CYCLE	NHBS Cycle
Preloaded variables	--	IDATE	Interview date
Interviewer Entered Information	IE2	CITY	City
Eligibility Screener	ES1	DOB	Date of birth
Eligibility Screener		EL_MSM	Eligible: MSM cycle
Eligibility Screener		EL_IDU	Eligible: IDU cycle
Eligibility Screener		EL_HET	Eligible: HET cycle
Consent	CN1	CONSENTA	Consent to survey

Universe_DM.	All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1).

CALC_BEGDM.		
BEGDM	Time at beginning of DM section	BEGDM = Current time

Residence

INTRO_DM1.	If MSM cycle (CYCLE EQ 1), DISPLAY: "READ: I'd like to start by asking you some questions about where you live. Please remember your answers will be kept private." If IDU or HET cycle (CYCLE EQ 2 or 3), DISPLAY: "READ: Next, I'd like to ask you some questions about where you live. Please remember your answers will be kept private."

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.	If R homeless in last 12 months (DM1 EQ 1), go to DM1a. Else, go to DM2.

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?**	
	[DO NOT read choices.]	
COUNTRY	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 23 & DM3 EQ 2, 4, or 5) or R interviewed in any other city & born in Mexico, Puerto Rico, Cuba, or 'other' country (IE2 NE 23 & DM3 EQ 2, 3, 4, or 5), go to DM3a. Else, go to Check_DM3b1.

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 Check_DM3b1.

Language

Notes_Language. See Measure References.

Check_DM3b1.	If R is being interviewed in English (LANGUAGE=1), go to DM3b1. Else, go to Check_DM4.

DM3b1. **Do you speak a language other than English at home?**
SPKOTLN Speak language other than English at home

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

Marital status

Check_DM4.	If IDU or HET cycle (CYCLE EQ 2 or 3), go to DM4. Else, go to DM5.

DM4. **What is your current marital status?**

[READ choices.]
MSTAT Marital status

Married	1
Living together as married	2
Separated	3
Divorced	4
Widowed	5
Never married	6
Don't Know	9
Refuse to Answer	7

Check_DM4a.	If current marital status is cohabitation (DM4 EQ 2), go to DM4a. Else, go to DM5.

DM4a. **Is your formal marital status separated, divorced, widowed, or never married?**
MSTAT_M Formal marital status

Separated	1
Divorced	2
Widowed	3
Never married	4
Don't Know	9
Refuse to Answer	7

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. If R currently homeless (DM1a EQ 1), DISPLAY: "READ: 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."

Else, DISPLAY: "READ: 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."

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 INTRO_DM8.

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

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 DM8b.

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}

Notes_UsualSourceOfCare. See Measure References.

DM8b. **Is there a place that you usually go when you are sick or you need advice about your health? Do NOT include internet web sites.**

SRCCAREA Have a usual source of care

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

Check_DM8b1.	If R has no usual source of care (DM8b EQ 0), go to DM8b.1. Else, go to Check_DM8c.

DM8b.1. **Is this because there is no place you go for health care or because there is more than one place?**

SRCCAREB Why no usual source of care

There is NO place	1
There is more than one place	2
Don't Know	9
Refuse to Answer	7

Check_DM8c.	If R has usual or more than 1 source of care (DM8b EQ 1 or DM8b.1 EQ 2), go to DM8c. Else, go to DM8d.

DM8c. **What kind of place** [if R has usual source of care (DM8B EQ 1), fill with "is it", else, fill with "do you go to most often"] **- a clinic, doctor's office, emergency room, or some other place?**

SRCLOC Location of usual care

Clinic or health center	1
Doctor's office or HMO	2
Hospital emergency room	3
Some other place	4
Doesn't go to one place most often	5
Don't Know	9
Refuse to Answer	7

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 whether R saw health care provider not reported (DM8d EQ DK or REF), go to DM8f. If R saw health care provider (DM8d EQ 1), go to DM8e.1 If R did NOT see health care provider (DM8d EQ 0), go to DM8e.2

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

Check_DM8e.2.	Go to DM8f.

DM8e.2. **About how long has it been since you last saw a doctor, nurse, or other health care provider about your own health? Would you say it was...**

[READ choices.]
WHNLHCP When last visited health care provider
More than 1 year ago but less than 2 years ago 1
2 to 5 years ago 2
More than 5 years ago 3
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

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.”

Sexual identity

DM10.	**Do you consider yourself to be:**	
	[READ choices.]	
IDENTITY	Sexual identity	
	Heterosexual or "Straight"	1
	Homosexual, 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 6 QUESTIONNAIRE

SOCIAL EXPERIENCES (SO)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded variables	--	CYCLE	NHBS Cycle
Interviewer Entered Information	IE2	CITY	City
Eligibility Screener	--	EL_MSM	Eligible:MSM cycle
Consent	CN1	CONSENTA	Consent to survey

Universe_SO. All Rs in MSM cycle (CYCLE EQ 1) who are eligible for & consent to interview (EL_MSM EQ 1 & CONSENTA EQ 1).

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

SO1. **Have you ever told anyone that you are attracted to or have sex with men?**
OUT_YN Disclosed sexuality - Anyone

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

Check_INTRO_SO2a. If R ever disclosed sexuality (SO1 EQ 1), go to INTRO_SO2a.
Else, go to INTRO_SO3a.

Identity disclosure index

INTRO_SO2a. DISPLAY: "READ: I'm going to read you a list of people you may have told. Please tell me whether you have told anyone in each group of people. Have you told any…"

[READ choices. CHECK YES or NO for EACH ONE.]

SO2a. **Friends who are not gay, lesbian, or bisexual?**
OUT_FRI Disclosed sexuality - Non-GLB friends

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

SO2b. **Family members?**
OUT_FAM Disclosed sexuality - Family members

No	0
Yes	1
Don't Know	9

Refuse to Answer 7

Check_SO2c.	If R ever had sex with a woman (ES9a EQ 1), go to SO2c. Else, go to SO2d.

SO2c. **Women you have sex with?**
OUT_FEM Disclosed sexuality - Women R has sex with
No 0
Yes 1
Don't Know 9
Refuse to Answer 7

SO2d. **Health care providers?**
OUT_HCP 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: "READ: The next questions are about things that may have happened to you in the past 12 months, 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. DISPLAY: "[Give Respondent Flashcard G.]

READ: 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."

MOST PEOPLE in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **are tolerant of gays and bisexuals. Do you...**

SO4. [READ choices.]
TOLRNC Comm. tolerance of gays and bisexuals

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).

NHBS ROUND 6 QUESTIONNAIRE

SEXUAL BEHAVIOR (SX)

Variables from prior section(s) used in this section of the questionnaire

Section	Question #	Variable name	Variable label
Preloaded variables	--	CYCLE	NHBS Cycle
Preloaded variables	--	AGO12M_C	12 mos before interview: Century Month
Preloaded variables	--	AGO3M_C	3 mos before interview: Century Month
Preloaded variables	--	IDATEY	Interview date: Year
Preloaded variables	--	IDATE	Interview date
Eligibility Screener	ES9	GENDER	Gender
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	QDS calculated age today
Consent	CN1	CONSENTA	Consent to survey
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle

Universe_SX. All male & female Rs (ES9 EQ 1 or 2) who are eligible for cycle (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) & consent to interview (CN1 EQ 1).

CALC_BEGSX.

BEGSX Time at beginning of SX section BEGSX = Current time

Check_INTRO_SX. If R is transgender or does not report gender (ES9 EQ 3, DK, or REF), go to CALC_ENDSX.

INTRO_SX. DISPLAY: "**INTERVIEWER**: Remember to read questions and definitions as worded. If respondent does not understand a sexual behavior term <u>after you have read item as worded</u>, you may use slang."

Check_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 (ES9 EQ 2), go to F_MSeries.
Else, go to INTRO_M_FSeries.

Universe_M_FSeries. All male Rs in IDU and HET Cycle ((ES9 EQ 1) & (CYCLE EQ 2 or 3)) and Rs in MSM cycle who reported male-female sex ever (CYCLE EQ 1 & ES9a EQ 1).

<u>M_F Series: Male Rs – Female Sex Partners (INTRO_M_FSeries – CALC_M_FHET)</u>

INTRO_M_FSeries. On one screen, DISPLAY: "READ: Next, I'm going to ask you some questions about having sex. Please remember your answers will be kept private."

[Give Respondent Flashcard I.]

	On next screen, DISPLAY: "READ: 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_SX2.	If R ever had male-female sex (SX1 EQ 1), go to SX2. Else, go to CALC_M_FHET.

SX2. **How old were you the first time you had vaginal or anal sex with a woman?**
M_FDEBUT M_F Age at sexual debut

__ __

Range	0-70
Don't Know	99
Refuse to Answer	77

HardEdit_SX2.	If age of first sex greater than current age (SX2 GT AGE), DISPLAY: "**INTERVIEWER**: The age of first sex cannot be greater than respondent's current age ([fill with R's age (AGE)]). Please clarify and re-enter response." Then, go back to SX2. Else, go to SX3.

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_INTRO_SX4.

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_INTRO_SX4.

Check_INTRO_SX4.	If R does not report sex with a woman in past 12 months (SX3 EQ 0, DK or REF) or (SX3conf EQ 1, DK, or REF), go to CALC_M_FHET. If 1 female partner (SX3 EQ 1), go to INTRO_SX4. If multiple female partners (SX3 GT 1) go to INTRO_SX5a.

M_F: Total Main & Casual Ps, 12m

One Partner (.o)

INTRO_SX4.	On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual partner. [Give Respondent Flashcard J.]" On next screen, DISPLAY: "READ: By "main partner" I mean a woman you have sex with and who you feel committed to above anyone else. This is a partner you would call your girlfriend, wife, significant other, or life partner. And by "casual partner" I mean a woman you have sex with but do not feel committed to or don't know very well."

SX4.	**Was this woman a main partner or a casual partner?**	
M_F1SX	M_F Type of partner - single	
	Main partner	1
	Casual partner	2
	Don't Know	9
	Refuse to Answer	7

Check_INTRO_SX5a.	Go to Check_INTRO_SX6a.o.

Multiple Partners (.m)

INTRO_SX5a.	On one screen, DISPLAY: "READ: Now I'm going to ask you to describe these sex partners as either main or casual partners. [Give Respondent Flashcard J.]" On next screen, DISPLAY: "READ: By "main partner" I mean a woman you have sex with and who you feel committed to above anyone else. This is a partner you would call your girlfriend, wife, significant other, or life partner. And by "casual partner" I mean a woman you have sex with but do not feel committed to or don't know very well."

SX5a.	**Of the** [fill with total female partners (SX3)] **women you've had oral, vaginal or anal sex with in the past 12 months, how many of them were main partners?**	
M_FMSX	M_FM Number of main partners - 12 months	
	__ __ __ __	
	Range.....	0-7000
	Don't Know.....	9999
	Refuse to Answer	7777

HardEdit_SX5a.	If # main partners GT total female partners (SX5a 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 SX5a.

	Else, go to Check_SX5b.

Check_SX5b.	If # main partners EQ total female partners (SX5a EQ SX3), go to Check_INTRO_SX6a.o. Else, go to SX5b.

SX5b.	**How many were casual partners?**	
M_FCSX	M_FC Number of casual partners - 12 months	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX5b.	If # casual partners GT total female partners (SX5b 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 SX5b. If # main & casual partners NE total female partners ((SX3 GT 1) & ((SX5a NE DK or REF) & (SX5b NE DK or REF)) & (SX5a + SX5b NE SX3)), DISPLAY: "**INTERVIEWER**: The number of main and casual partners is not equal to the total number of female partners. Clarify and re-enter response to current or prior item as needed." Then, go back to SX5a. Else, go to Check_INTRO_SX6a.o.

M_F: Main Ps - Vaginal Sex, 12m

Check_INTRO_SX6a.o.	If 1 main partner (SX4 EQ 1 or SX5a EQ 1), go to INTRO_SX6a.o. If multiple main partners (SX5a GT 1), go to INTRO_SX6a.m. If no main partners (SX3 EQ 1 & SX4 EQ 2, DK, or REF) or ((SX3 GT 1) & (SX5a EQ 0, DK, or REF)), go to Check_INTRO_SX7a.o.

VS - One Main Partner

INTRO_SX6a.o.	DISPLAY: "READ: Now I'm going to ask you about the female main sex partner you had in the past 12 months."

SX6a.o.	**In the past 12 months, did you have vaginal sex with this woman?**	
M_FM1VS	M_FM VS partners - 12 months - y/n	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_INTRO_SX6a.m.	Go to Check_SX6b.o.

VS - Multiple Main Partners

INTRO_SX6a.m.	DISPLAY: "READ: Now I'm going to ask you about the [fill with # main partners (SX5a)] female main sex partners you had in the past 12 months."

SX6a.m.	**Of your** [fill with # of female main partners (SX5a)] **female main partners in the past 12 months, with how many did you have vaginal sex?**
M_FMVS	M_FM VS partners - 12 months - number
	__ __ __ __

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

HardEdit_SX6a.m.	If # main VS partners GT # main partners (SX6a.m. GT SX5a), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female main partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX6a.m. Else, go to Check_SX6b.o.

Check_SX6b.o.	If 1 main VS partner (SX6a.o EQ 1 or SX6a.m EQ 1), go to SX6b.o. If multiple main VS partners (SX6a.m GT 1), go to SX6b.m. If no main VS partners (SX6a.o EQ 0, DK, or REF) or (SX6a.m. EQ 0, DK, or REF), go to Check_SX6c.o.

UVS - One Main VS Partner

SX6b.o.	**In the past 12 months, did you have vaginal sex with her without using a condom?**	
M_FM1UVS	M_FM UVS partners - 12 months - y/n	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_SX6b.m.	Go to Check_SX6c.o.

UVS - Multiple Main VS Partners

SX6b.m.	**In the past 12 months, with how many of these** [fill with # main VS partners (SX6a.m)] **women did you have vaginal sex without using a condom?**	
M_FMUVS	M_FM UVS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX6b.m.	If # main UVS partners GT # main VS partners (SX6b.m. GT SX6a.m), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female main vaginal sex partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX6b.m. Else, go to Check_SX6c.o.

Check_SX6c.o.	If 1 main partner (SX4 EQ 1or SX5a EQ 1), go to SX6c.o. Else, go to SX6c.m.

<u>M_F: Main Ps - Anal Sex, 12m</u>

AS - One Main Partner

SX6c.o.	**In the past 12 months, did you have anal sex with this woman?**	
M_FM1AS	M_FM AS partners - 12 months - y/n	
	No	0
	Yes	1

Don't Know	9
Refuse to Answer	7

Check_SX6c.m.	Go to Check_SX6d.o.

AS - Multiple Main Partners

SX6c.m.	**Of your** [fill with # main partners (SX5a)] **female main partners in the past 12 months, with how many did you have anal sex?**
M_FMAS	M_FM AS partners - 12 months - number
	__ __ __ __
	Range 0-7000
	Don't Know 9999
	Refuse to Answer 7777

HardEdit_SX6c.m.	If # main AS partners GT # main partners (SX6c.m. GT SX5a), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female main partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX6c.m. Else, go to Check_SX6d.o.

Check_SX6d.o.	If 1 main AS partner ((SX6c.o EQ 1) or (SX6c.m EQ 1)), go to SX6d.o. If GT 1 main AS partner (SX6c.m GT 1), go to SX6d.m. If no main AS partners ((SX6c.o EQ 0, DK, or REF) OR (SX6c.m EQ 0, DK, or REF)), go to Check_INTRO_SX7a.o.

UAS - One Main AS Partner

SX6d.o.	**In the past 12 months, did you have anal sex with her without using a condom?**
M_FM1UAS	M_FM UAS partners - 12 months - y/n
	No 0
	Yes 1
	Don't Know 9
	Refuse to Answer 7

Check_SX6d.m.	Go to Check_INTRO_SX7a.o.

UAS - Multiple Main AS Partners

SX6d.m.	**In the past 12 months, with how many of these** [fill with # main AS partners (SX6c.m)] **women did you have anal sex without using a condom?**
M_FMUAS	M_FM UAS partners - 12 months - number
	__ __ __ __
	Range 0-7000
	Don't Know 9999
	Refuse to Answer 7777

HardEdit_SX6d.m.	If # main UAS partners GT # main AS partners (SX6d.m. GT SX6c.m), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female main anal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX6d.m. Else, go to Check_INTRO_SX7a.o.

M_F: Casual Ps – Vaginal Sex, 12m

Check_INTRO_SX7a.o.	If 1 casual partner (SX4 EQ 2 or SX5b EQ 1), go to INTRO_SX7a.o. If multiple casual partners (SX5b GT 1), go to INTRO_SX7a.m. If R reports no casual partners (SX3 EQ 1 & SX4 EQ 1, DK, or REF) or ((SX3 GT 1) & (SX5b EQ 0, DK, or REF)) or (SX3 EQ SX5a) , go to CALC_M_FHET.

VS - One Casual Partner

INTRO_SX7a.o.	DISPLAY: "READ: Now I'm going to ask you about the female casual sex partner you had in the past 12 months. "

SX7a.o.	**In the past 12 months, did you have vaginal sex with this woman?**	
M_FO1VS	M_FC VS partner - 12 months - y/n	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_INTRO_SX7a.m.	Go to Check_SX7b.o.

VS - Multiple Casual Partners

INTRO_SX7a.m.	DISPLAY: "READ: Now I'm going to ask you about the [fill with # casual partners (SX5b)] female casual sex partners you had in the past 12 months."

SX7a.m.	**Of your** [fill with # casual partners (SX5b)] **female casual partners in the past 12 months, with how many did you have vaginal sex?**	
M_FOVS	M_FC VS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX7a.m.	If # casual VS partners GT # casual partners (SX7a.m. GT SX5b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female casual 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 casual VS partner (SX7a.o EQ 1 or SX7a.m. EQ 1), go to SX7b.o. If multiple casual VS partners (SX7a.m GT 1), go to SX7b.m. If no casual VS partners ((SX7a.o EQ 0, DK, or REF) or (SX7a.m. EQ 0, DK, or REF)), go to Check_SX7c.o.

UVS - One Casual VS Partner

SX7b.o.	**In the past 12 months, did you have vaginal sex with her without using a condom?**	
M_FO1UVS	M_FC 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 Casual Partners

SX7b.m.	**In the past 12 months, with how many of these** [fill with # casual VS partners (SX7am)] **women did you have vaginal sex without using a condom?**
M_FOUVS	M_FC UVS partners - 12 months - number
	__ __ __ __
	Range 0-7000
	Don't Know 9999
	Refuse to Answer 7777

HardEdit_SX7b.m.	If # casual UVS partners GT # casual VS partners (SX7b.m. GT SX7a.m), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female casual 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 casual female partner (SX4 EQ 2 or SX5b EQ 1), go to SX7c.o. Else, go to SX7c.m.

<u>M_F: Casual Ps – Anal Sex, 12m</u>

AS - One Casual Partner

SX7c.o.	**In the past 12 months, did you have anal sex with this woman?**
M_FO1AS	M_FC 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 Casual Partners

SX7c.m.	**Of your** [fill with # female casual partners (SX5b)] **female casual partners in the past 12 months, with how many did you have anal sex?**
M_FOAS	M_FC AS partners - 12 months - number
	__ __ __ __
	Range 0-7000
	Don't Know 9999
	Refuse to Answer 7777

HardEdit_SX7c.m.	If # casual AS partners GT # casual partners (SX7c.m. GT SX5b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female casual 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 casual AS partner ((SX7c.o EQ 1) or (SX7c.m EQ 1)), go to SX7d.o. If multiple casual AS partners (SX7c.m GT 1), go to SX7d.m. If no casual AS partners ((SX7c.o EQ 0, DK, or REF) or (SX7c.m EQ 0, DK, or REF)), go to Check_SX7e.o.

UAS - One Casual AS Partner

SX7d.o.	**In the past 12 months did you have anal sex with her without using a condom?**	
M_FO1UAS	M_FC 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 Casual Partners

SX7d.m.	**In the past 12 months, with how many of these** [fill with # casual AS partners (SX7c.m)] **women did you have anal sex without using a condom?**	
M_FOUAS	M_FC UAS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX7d.m.	If # casual UAS partners GT # casual AS partners (SX7d.m GT SX7c.m), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female casual 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.

Check_SX7e.o.	If 1 casual partner (SX4 EQ 2 or SX5b EQ 1), go to SX7e.o. If multiple casual partners (SX5b GT 1), go to SX7e.m.

M_F: Casual Ps – Exchange Sex, 12m

EX - One Casual Partner

SX7e.o.	**In the past 12 months, did you give this woman money or drugs in exchange for having sex with you?**	
M_FO1EG	M_FC Single exchange - gave	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_SX7e.m.	Go to CALC_M_FHET.

EX - Multiple Casual Partners

SX7e.m.	**Of your** [fill with # casual partners (SX5b)] **female casual partners in the past 12 months, how many did <u>you give</u> money or drugs in exchange for having sex with you?**	
M_FOMEG	M_FC Multiple exchange gave	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX7e.m.	If # exchange partners GT # casual partners (SX7e.m. GT SX5b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female casual 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 reported 0 opposite-sex partners (CYCLE EQ 3 & M_FHET EQ NE 1), go to CALC_ENDCORE. Else, go to M_MSeries.

Universe_M_MSeries.	All male Rs (ES9 EQ 1).

<u>M_MSeries: Male Rs – Male Sex Partners (INTRO_M_MSeries –SX16b)</u>

INTRO_SX9.	On one screen, DISPLAY: "READ: 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: "READ: 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."

<u>M_M: Sex with male Ps, lifetime</u>

Check_SX9.	If IDU or HET cycle, (CYCLE EQ 2 or 3), go to SX9. Else, go to SX10.

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_SX10.	If R reports sex with a man (SX9 EQ 1), go to SX10. Else, go to CALC_BEGLP.

SX10. **How old were you the first time you had oral or anal sex with a man?**
M_MDEBUT M_M Age at first MSM encounter

__ __

Range	0-70
Don't Know	99
Refuse to Answer	77

HardEdit_SX10.	If age of first sex greater than current age (SX10 GT AGE), DISPLAY: "**INTERVIEWER**: The age of first sex cannot be greater than respondent's current age ([fill with R's age (AGE)]). Please clarify and re-enter response." Then go back to SX10. Else, go to SX11.

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

Check_SX11a.	If R does not report # male partners (SX11 EQ DK, or REF), go to CALC_BEGLP. If zero male partners (SX11 EQ 0), go to SX11a. If 1 male partner (SX11 EQ 1), go to INTRO_SX12. If multiple male partners (SX11 GT 1), go to INTRO_SX13a.

SX11a. **Think about the last time you had either oral or anal sex with a man. How many years ago was that?**
M_MLOA M_M last oral/anal

__ __

Range	1-99
Don't Know	999
Refuse to Answer	777

HardEdit_SX11a.	If years since last male-male sex GT current age (SX11a GT AGE), DISPLAY: "**INTERVIEWER**: The number of years since last sex with a man cannot be greater than respondent's current age ([fill with R's age (AGE)]). Please clarify and re-enter response." Then, go back to SX11a. Else, go to CALC_BEGLP.

Check_INTRO_SX12.	If R reports more than 1 male sex partner (SX11 GT 1), go to INTRO_SX13a. Else, go to INTRO_SX12.

M_M: Total Main & Casual Ps, 12m

One Partner (.o)

INTRO_SX12.	On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual partner. [Give Respondent Flashcard L.]" On next screen, DISPLAY: "READ: By "main partner" I mean a man you have sex with and who you feel committed to above anyone else. This is a partner you would call your boyfriend, husband, significant other, or life partner. And by "casual partner" I mean a man you have sex with but do not feel committed to or don't know very well."

SX12.	**Was this man a main partner or a casual partner?**	
M_M1SX	M_M Type of partner - single	
	Main partner	1
	Casual partner	2
	Don't Know.....	9
	Refuse to Answer	7

Check_INTRO_SX13a.	Go to Check_INTRO_SX14a.o.

Multiple Partners (.m)

INTRO_SX13a.	On one screen, DISPLAY: "READ: Now I'm going to ask you to describe these sex partners as either main or casual partners." [Give Respondent Flashcard L.] On next screen, DISPLAY: "READ: By "main partner" I mean a man you have sex with and who you feel committed to above anyone else. This is a partner you would call your boyfriend, husband, significant other, or life partner. And by "casual partner" I mean a man you have sex with but do not feel committed to or don't know very well."

SX13a.	**Of the** [fill with # male partners (SX11)] **men you've had oral or anal sex with in the past 12 months, how many of them were main partners?**	
M_MMSX	M_MM Number of main partners - 12 months	
	__ __ __ __	
	Range.....	0-7000
	Don't Know.....	9999
	Refuse to Answer	7777

HardEdit_SX13a.	If # male main partners GT # male partners (SX13a 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 SX13a. Else, go to Check_SX13b.

Check_SX13b.	If # male main partners EQ # male partners (SX13a EQ SX11), go to Check_INTRO_SX14a.o. Else, go to SX13b.

SX13b.	**How many were casual partners?**
M_MCSX	M_MC Number of casual partners - 12 months
	__ __ __ __

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

HardEdit_SX13b. If # casual partners GT # male partners (SX13b 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 SX13b.
If # main & casual partners NE # male partners ((SX11 GT 1) & (SX13a NE DK or REF & SX13b NE DK or REF) & (SX13a + SX13b NE SX11)), DISPLAY: "**INTERVIEWER**: The number of main and casual partners is not equal to the total number of male partners. Clarify and re-enter response to current or prior item as needed." Then go back to SX13a.
Else, go to Check_INTRO_SX14a.o.

Check_INTRO_SX14a.o. If 1 main partner (SX12 EQ 1 or SX13a EQ 1), go to INTRO_SX14a.o.
If multiple main partners (SX13a GT 1) , go to INTRO_SX14a.m.
If no main partners ((SX11 EQ 1 & SX12 EQ 2, DK, or REF) or ((SX11 GT 1) & (SX13a EQ 0, DK, or REF)), go to Check_INTRO_SX15a.o.

M_M: Main Ps – Anal Sex, 12m

AS - One Main Partner

INTRO_SX14a.o. DISPLAY: "READ: Now I'm going to ask you about the male main sex partner you had in the past 12 months."

SX14a.o. **In the past 12 months, did you have anal sex with this man?**
M_MM1AS M_MM AS partner - 12 months - y/n

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

Check_INTRO_SX14a.m. Go to Check_SX14b.o.

AS - Multiple Main Partner

INTRO_SX14a.m. DISPLAY: "READ: Now I'm going to ask you about the [fill with # main partners (SX13a)] male main sex partners you had in the past 12 months."

SX14a.m. **Of your** [fill with # main partners (SX13a)] **male main partners in the past 12 months, with how many did you have anal sex?**
M_MMAS M_MM AS partners - 12 months - number

__ __ __ __

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

HardEdit_SX14a.m. If # main AS partners GT # main partners (SX14a.m GT SX13a), DISPLAY: "**INTERVIEWER**: The response entered is inconsistent with a prior response (number of male main partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX14a.m.
Else, go to Check_SX14b.o.

Check_SX14b.o.	If 1 main AS partner (SX14a.o EQ 1) or (SX14a.m EQ 1), go to SX14b.o. If multiple main AS partners (SX14a.m GT 1), go to SX14b.m. If no AS partners (SX14a.o EQ 0, DK, or REF) or (SX14a.m EQ 0, DK, or REF), go to Check_INTRO_SX15a.o.

UAS - One Main AS Partner

SX14b.o.	**In the past 12 months, did you have anal sex with him without using a condom?**	
M_MM1UAS	M_MM UAS partner - 12 months - y/n	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_SX14b.m.	Go to Check_INTRO_SX15a.o.

UAS - Multiple Main AS Partners

SX14b.m.	**In the past 12 months, with how many of these** [fill with # of main AS partners (SX14a.m)] **men did you have anal sex without using a condom?**	
M_MMUAS	M_MM UAS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX14b.m.	If # main UAS partners GT main AS partners (SX14b.m GT SX14a.m) DISPLAY: "**INTERVIEWER**: The response entered is inconsistent with a prior response (number of male main anal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX14b.m. Else, go to Check_INTRO_SX15a.o.

M_M: Casual Ps – Anal Sex, 12m

Check_INTRO_SX15a.o.	If 1 casual partner (SX12 EQ 2 or SX13b EQ 1), go to INTRO_SX15a.o. If multiple casual partners (SX13b GT 1), go to INTRO_SX15a.m. If R reports no casual partners ((SX11 EQ 1 & SX12 EQ 1, DK, or REF) or ((SX11 GT 1) & (SX13b EQ 0, DK, or REF)), or (SX11 EQ SX13a)), go to CALC_BEGLP.

AS - One Casual Partner

INTRO_SX15a.o.	DISPLAY: "READ: Now I'm going to ask you about the male casual sex partner you had in the past 12 months. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

SX15a.o.	**In the past 12 months, did you have anal sex with this man?**	
M_MO1AS	M_MC 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 Casual Partners

INTRO_SX15a.m.	DISPLAY: "READ: Now I'm going to ask you about the [fill with # casual partners (SX13b)] male casual sex partners you had in the past 12 months. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

SX15a.m.	**Of your** [fill with # casual partners (SX13b)] **male casual partners in the past 12 months, with how many did you have anal sex?**	
M_MOAS	M_MC AS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX15a.m.	If # male casual AS partners GT # male casual partners (SX15a.m. GT SX13b), DISPLAY: "**INTERVIEWER**: The response entered is inconsistent with a prior response (number of male casual 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 casual AS partner ((SX15a.o EQ 1) or (SX15a.m. EQ 1)), go to SX15b.o. If multiple casual AS partners (SX15a.m GT 1), go to SX15b.m. If no casual AS partners ((SX15a.o EQ 0, DK, or REF) or (SX15a.m EQ 0, DK, or REF)), go to Check_SX15c.o.

UAS - One Casual AS Partner

SX15b.o.	**In the past 12 months, did you have anal sex with him without using a condom?**	
M_MO1UAS	M_MC 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 # casual AS partners (SX15a.m)] **men did you have anal sex without using a condom?**	
M_MOUAS	M_MC UAS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX15b.m.	If # casual UAS partners GT # of casual AS partners (SX15b.m. GT SX15a.m.), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual 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: Casual Ps – Exchange Sex, 12m

Check_SX15c.o.	If 1 male casual partner (SX12 EQ 2 or SX13b EQ 1), go to SX15c.o. If multiple male casual partners (SX13b GT 1), go to SX15c.m. If R reports no male casual partners ((SX11 EQ 1 & SX12 EQ 1, DK, or REF) or ((SX11 GT 1) & (SX13b EQ 0, DK, or REF) OR (SX11 EQ SX13a)), go to CALC_BEGLP**.**

EX - One Casual Partner

SX15c.o. **In the past 12 months, did you give this man money or drugs in exchange for having sex with you?**
M_MO1EG M_MO 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_MO1ER M_MO1 Single exchange received

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

Check_SX15c.m.	Go to CALC_BEGLP.

EX - Multiple Casual Partners

SX15c.m. **Of your** [fill with casual partners (SX13b)] **male casual partners in the past 12 months, how many did you give money or drugs in exchange for having sex with you?**
M_MOMEG M_MO Multiple exchange gave

__ __ __ __

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

HardEdit_SX15c.m.	If # exchange partners GT # casual partners (SX15c.m GT SX13b), DISPLAY: "**INTERVIEWER**: The response entered is inconsistent with a prior response (number of male casual 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 # casual partners (SX13b)] **male casual partners in the past 12 months, how many gave you money or drugs to have sex with them?**
M_MOMER M_MO Multiple exchange received

__ __ __ __

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

HardEdit_SX15d.m.	If # exchange partners GT # casual partners (SX15d.m GT SX13b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual 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).

Universe_F_MSeries.	All female Rs (ES9 EQ 2).

F_MSeries: Female Rs – Male Sex Partners (INTRO_F_MSeries – SX26)

INTRO_F_MSeries.	On one screen, DISPLAY: "READ: Next, I'm going to ask you some questions about having sex. Please remember your answers will be kept private. [Give Respondent Flashcard I.]" On next screen, DISPLAY: "READ: 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 SX18. Else, go to CALC_F_MHET.

SX18.	**How old were you the first time you had <u>vaginal</u> or <u>anal</u> sex with a man?**	
F_MDEBUT	F_M Age at sexual debut	
	__ __	
	Range	0-70
	Don't Know	99
	Refuse to Answer	77

HardEdit_SX18.	If age of first sex greater than current age (SX18 GT AGE), DISPLAY: "**INTERVIEWER**: The age of first sex cannot be greater than respondent's current age ([fill with R's age (AGE)]). Please clarify and re-enter response." Then, go back to SX18. Else, go to SX19.

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_INTRO_SX20.

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_INTRO_SX20.

Check_INTRO_SX20.	If R does not report sex with a man in past 12 months (SX19 EQ 0, DK or REF) or (SX19conf EQ 1, DK, or REF), go to CALC_F_MHET. If R reports 1 sex partner (SX19 EQ 1), go to INTRO_SX20. If R reports more than 1 sex partner (SX19 GT 1) go to INTRO_SX21a.

F_M: Total Main & Casual Ps, 12m

One Partner (.o)

INTRO_SX20.	On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual partner. [Give Respondent Flashcard L.]" On next screen, DISPLAY: "READ: By "main partner" I mean a man you have sex with and who you feel committed to above anyone else. This is a partner you would call your boyfriend, husband, significant other, or life partner. And by "casual partner" I mean a man you have sex with but do not feel committed to or don't know very well."

SX20.	**Was this man a main partner or a casual partner?**	
F_M1SX	F_M Type of partner - single	
	Main partner	1
	Casual partner	2
	Don't Know	9
	Refuse to Answer	7

Check_INTRO_SX21a.	Go to Check_INTRO_SX22a.o.

Multiple Partners (.m)

INTRO_SX21a.	On one screen, DISPLAY: "READ: Now I'm going to ask you to describe these sex partners as either main or casual partners. [Give Respondent Flashcard L.]" On next screen, DISPLAY: "READ: By "main partner" I mean a man you have sex with and who you feel committed to above anyone else. This is a partner you would call your boyfriend, husband, significant other, or life partner. And by "casual partner" I mean a man you have sex with but do not feel committed to or don't know very well."

SX21a. **Of the** [fill with # male partners (SX19)] **men you've had oral, vaginal, or anal sex within the past 12 months, how many of them were main partners?**

F_MMSX F_MM Number of main partners - 12 months

__ __ __ __

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

HardEdit_SX21a.	If # main partners GT # male partners (SX21a 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 SX21a. Else, go to Check_SX21b.

Check_SX21b.	If # male main partners EQ # male partners (SX21a EQ SX19), go to INTRO_SX22a.m. Else, go to SX21b.

SX21b. **How many were casual partners?**

F_MCSX F_MC Number of casual partners - 12 months

__ __ __ __

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

HardEdit_SX21b.	If # casual partners GT # male partners (SX21b 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 SX21b. If # main & casual partners NE # male partners (SX19 GT 1) & ((SX21a NE DK or REF) & (SX21b NE DK or REF)) & ((SX21a + SX21b) NE SX19), DISPLAY: "**INTERVIEWER**: The number of main and casual partners is not equal to the total number of male partners. Clarify and re-enter response to current or prior item as needed." Then, go back to SX21a. Else, go to Check_INTRO_SX22a.o.

F_M: Main Ps - Vaginal Sex, 12m

Check_INTRO_SX22a.o.	If 1 main partner (SX20 EQ 1 or SX21a EQ 1), go to INTRO_SX22a.o. If multiple main partners (SX21a GT 1), go to INTRO_SX22a.m. If no main partners (SX19 EQ 1 & SX20 EQ 2, DK, or REF) or ((SX19 GT 1) & (SX21a EQ 0, DK, or REF)), go to Check_INTRO_SX23a.o.

VS - One Main Partner

INTRO_SX22a.o.	DISPLAY: "READ: Now I'm going to ask you about the male main sex partner you had in the past 12 months."

SX22a.o.	**In the past 12 months, did you have vaginal sex with this man?**	
F_MM1VS	F_MM VS partners - 12 months - y/n	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_INTRO_SX22a.m.	Go to Check_SX22b.o.

VS - Multiple Main Partners

INTRO_SX22a.m.	DISPLAY: "READ: Now I'm going to ask you about the [fill with # main partners (SX21a)] male main sex partners you had in the past 12 months."

SX22a.m.	**Of your** [fill with # main partners (SX21a)] **male main partners in the past 12 months, with how many did you have vaginal sex?**	
F_MMVS	F_MM VS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX22a.m.	If # main VS partners GT # main partners (SX22a.m. GT SX21a), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male main partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX22a.m. Else, go to Check_SX22b.o.

Check_SX22b.o.	If 1 main VS partner (SX22a.o EQ 1 or SX22a.m EQ 1), go to SX22b.o. If multiple main VS partners (SX22a.m GT 1), go to SX22b.m. If no main VS partners (SX22a.o EQ 0, DK, or REF) or (SX22a.m. EQ 0, DK, or REF), go to Check_SX22c.o.

UVS - One Main VS Partner

SX22b.o.	**In the past 12 months, did you have vaginal sex with him without using a condom?**	
F_MM1UVS	F_MM UVS partners - 12 months - y/n	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_SX22b.m.	Go to Check_SX22c.o.

UVS - Multiple Main VS Partners

SX22b.m.	**In the past 12 months, with how many of these** [fill with # VS partners (SX22a.m)] **men did you have vaginal sex without using a condom?**

F_MMUVS	F_MM UVS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX22b.m.	If # UVS partners GT # VS partners (SX22b.m. GT SX22a.m.), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male main vaginal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX22b.m. Else, go to Check_SX22c.o.

Check_SX22c.o.	If 1 main partner (SX20 EQ 1 or SX21a EQ 1), go to SX22c.o. Else, go to SX22c.m.

F_M: Main Ps - Anal Sex, 12m

AS - One Main Partner

SX22c.o.	**In the past 12 months, did you have anal sex with this man?**	
F_MM1AS	F_MM AS partners - 12 months - y/n	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_SX22c.m	Go to Check_SX22d.o.

AS - Multiple Main Partners

SX22c.m.	**Of your** [fill with # main partners (SX21a)] **male main partners in the past 12 months, with how many did you have anal sex?**	
F_MMAS	F_MM AS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX22c.m.	If # main AS partners GT # main partners (SX22c.m. GT SX21a), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male main partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX22c.m. Else, go to Check_SX22d.o.

Check_SX22d.o.	If 1 main AS partner ((SX22c.o EQ 1) or (SX22c.m EQ 1)), go to SX22d.o. If GT 1 main AS partner (SX22c.m GT 1), go to SX22d.m. If no main AS partners ((SX22c.o EQ 0, DK, or REF) OR (SX22c.m EQ 0, DK, or REF)), go to Check_INTRO_SX23a.o.

UAS - One Main AS Partner

SX22d.o.	**In the past 12 months, did you have anal sex with him without using a condom?**	
F_MM1UAS	F_MM UAS partners - 12 months - y/n	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_SX22d.m.	Go to Check_INTRO_SX23a.o.

UAS - Multiple Main AS Partners

SX22d.m.	**In the past 12 months, with how many of these** [fill with # AS partners (SX22c.m)] **men did you have anal sex without using a condom?**	
F_MMUAS	F_MM UAS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX22d.m.	If # UAS partners GT # AS partners (SX22d.m. GT SX22c.m), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male main anal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX22d.m. Else, go to Check_INTRO_SX23a.o.

F_M: Casual Ps – Vaginal Sex, 12m

Check_INTRO_SX23a.o.	If 1 casual partner (SX20 EQ 2 or SX21b EQ 1), go to INTRO_SX23a.o. If multiple casual partners (SX21b GT 1), go to INTRO_SX23a.m. If R reports no casual partners (SX19 EQ 1 & SX20 EQ 1, DK, or REF) or ((SX19 GT 1) & (SX21b EQ 0, DK, or REF)), or (SX19 EQ SX21a),go to CALC_F_MHET.

VS - One Casual Partner

INTRO_SX23a.o.	DISPLAY: "READ: Now I'm going to ask you about the male casual sex partner you had in the past 12 months. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

SX23a.o.	**In the past 12 months, did you have vaginal sex with this man?**	
F_MO1VS	F_MC VS partner - 12 months - y/n	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_INTRO_SX23a.m.	Go to Check_SX23b.o.

VS - Multiple Casual Partners

INTRO_SX23a.m.	DISPLAY: "READ: Now I'm going to ask you about the [fill with # casual partners (SX21b)] male casual sex partners you had in the past 12 months. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

SX23a.m. **Of your** [fill with # casual partners (SX21b)] **male casual partners in the past 12 months, with how many did you have vaginal sex?**
F_MCVS F_MC VS partners - 12 months - number

__ __ __ __

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

HardEdit_SX23a.m.	If # casual VS partners GT # casual partners (SX23a.m. GT SX21b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual 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 casual VS partner (SX23a.o EQ 1 or SX23a.m. EQ 1), go to SX23b.o. If multiple casual VS partners (SX23a.m GT 1), go to SX23b.m. If no casual VS partners ((SX23a.o EQ 0, DK, or REF) or (SX23a.m. EQ 0, DK, or REF)), go to Check_SX23c.o.

UVS - One Casual VS Partner

SX23b.o. **In the past 12 months, did you have vaginal sex with him without using a condom?**
F_MO1UVS F_MC 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 Casual Partners

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

__ __ __ __

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

HardEdit_SX23b.m.	If # casual UVS partners GT # VS partners (SX23b.m. GT SX23a.m), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual 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 casual male partner (SX20 EQ 2 or SX21b EQ 1), go to SX23c.o. Else, go to SX23c.m.

F_M: Casual Ps – Anal Sex, 12m

AS - One Casual Partner

SX23c.o.	**In the past 12 months, did you have anal sex with this man?**	
F_MO1AS	F_MC 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.

AS - Multiple Casual Partner

SX23c.m.	**Of your** [fill with # casual partners (SX21b)] **male casual partners in the past 12 months, with how many did you have anal sex?**	
F_MCAS	F_MC AS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX23c.m.	If # casual AS partners GT # casual partners (SX23c.m. GT SX21b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual 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 casual AS partner ((SX23c.o EQ 1) or (SX23c.m EQ 1)), go to SX23d.o. If multiple casual AS partners (SX23c.m GT 1), go to SX23d.m. If no casual AS partners ((SX23c.o EQ 0, DK, or REF) or (SX23c.m EQ 0, DK, or REF)), go to Check_SX23e.o.

UAS - One Casual AS Partner

SX23d.o.	**In the past 12 months, did you have anal sex with him without using a condom?**	
F_MO1UAS	F_MC 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 # casual AS partners (SX23c.m)] **men did you have anal sex without using a condom?**	
F_MCUAS	F_MC UAS partners - 12 months - number	
	__ __ __ __	
	Range	0-7000

Don't Know	9999
Refuse to Answer	7777

HardEdit_SX23d.m.	If # casual UAS partners GT # casual AS partners (SX23d.m GT SX23c.m), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual 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 casual partner (SX20 EQ 2 or SX21b EQ 1), go to SX23e.o. If multiple casual partners (SX21b GT 1), go to SX23e.m.

F_M: Casual Ps – Exchange Sex, 12m

EX - One Casual Partner

SX23e.o.	**In the past 12 months, did this man give you money or drugs to have sex with him?**	
F_MC1ER	F_MC1 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 Casual Partners

SX23e.m.	**Of your** [fill with # casual partners (SX21b)] **male casual partners in the past 12 months, how many gave you money or drugs to have sex with them?**	
F_MCMER	F_MC Multiple exchange received	
	__ __ __ __	
	Range	0-7000
	Don't Know	9999
	Refuse to Answer	7777

HardEdit_SX23e.m.	If # casual exchange partners GT # casual partners (SX23e.m GT SX21b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual 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))))

Check_CALC_BEGLP.	If HET cycle & R reported 0 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_FM1AS or M_FMAS or M_FO1AS or M_FOAS or M_MM1AS or M_MMAS or M_MO1AS or M_MOAS or F_MM1AS or F_MMAS or F_MO1AS or F_MCAS 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_FO1EG or M_FOMEG, or M_MO1EG or M_MOMEG or M_MO1ER or M_MOMER or F_MC1ER or F_MCMER 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 (ES9 EQ 1 & (M_FHET EQ 1 or M_MSX12 GE 1)) or R is female & had 1+ male sex partners 12m (ES9 EQ 2 & F_MHET EQ 1), go to INTRO_LPSeries. Else go to Check_SX50.

Universe_LPSeries.	Male and female Rs with 1+ opposite sex or male-male partner in the past 12 months (ES9 EQ 1 & (M_FHET EQ 1 or M_MSX12 GE 1)) or (ES9 EQ 2 & F_MHET EQ 1).

INTRO_LPSeries.	DISPLAY: "READ: The next questions are about the last time you had sex [if R is female (ES9 EQ 2), fill with “with a man”]."

LPSeries: Last Sex Date

INTRO_SX30.	DISPLAY: "READ: First, please think about the last time you had [if R is male & reported only male partners 12m (ES9 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 (ES9 EQ 2), fill with “with a man”]."

SX30.
LPDATE

When was the last time you had [If R is male & reported only male partners 12m (ES9 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 (ES9 EQ 2), fill with “with a man”]**? Just tell me the month and year.**
LP: date of most recent sex
__ __ / __ __ __ __

Range (Year)	1900 - 2100
Don't Know (Year)	9999
Refuse to Answer (Year)	7777

CALC_LPDATE_C.		
LPDATE_C	Century month version of 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.	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. 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. Else, go to Check_SX31.

LPSeries: LP Gender

Check_SX31.	If R is male (ES9 EQ 1), go to SX31. Else go to SX32.

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

LPGENDR LP: Gender

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

LPSeries: LP Type

Check_SX32.	If R is male (ES9 EQ1) and LP gender NOT reported (SX31 EQ DK, REF, or NA), go to CALC_ENDSX. Else, go to SX32.

Was the [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "man"; if LP is female (SX31 EQ 2), fill with "woman"] **you had sex with that last time a main partner or a casual partner?**

SX32. [Give Respondent Flashcard N.]

LPTYPE LP: type

Main partner	1
Casual partner	2
Don't Know	9
Refuse to Answer	7

LPSeries: Last Sex Event

LP: Last Sex – Exchange Sex

Check_SX33a.	If LP is male or R is female (SX31 EQ 1 or ES9 EQ 2), and LP is casual (SX32 EQ 2) & R reported exchange sex 12m (EXANY12M EQ 1), go to SX33a. Else, go to Check_SX33b.

SX33a. **When you had sex that last time, did he <u>give you</u> 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 (ES9 EQ 1) and LP is casual (SX32 EQ 2) & 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 <u>you give</u>** [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 (ES9 EQ 1 and SX31 EQ 1), go to SX35a. 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: Opp-sex 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: "READ: 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 had AS with opposite gender partner at last sex (SX34c EQ 1), go to SX34d. Else go to SX36a.

SX34d. **During anal sex that last time, did** [if R is male, fill with "you", if R is female, fill with "he"] **use a condom the whole time?**
LPLASCT LP: Used condom during opp-sex AS at last event

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

Check_SX35a.	Go to SX36a.

LP: Last Sex – Anal Sex, Receptive

SX35a. **When you had sex that last time, did you have receptive anal sex where he put his penis in your anus or butt?**
LPLRAS LP: Receptive AS at last event

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

Check_SX35b.	If male R had RAS with male partner at last sex (SX35a EQ 1), go to SX35b. Else go to SX35c.

SX35b. **During receptive anal sex that last time, did he use a condom the whole time?**
LPLRASCT LP: Condom use during RAS at last event

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

LP: Last Sex – Anal Sex, Insertive

SX35c. **When you had sex that last time, did you have insertive anal sex where you put your penis in his anus or butt?**
LPLIAS LP: Insertive AS at last event

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

SoftEdit_SX35c.	If no RAS or IAS at last event (SX35a EQ 0 & SX35c EQ 0), DISPLAY: "READ: 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_SX35d.

Check_SX35d.	If male R had IAS with male partner at last sex (SX35c EQ 1), go to SX35d. Else go to SX36a.

SX35d. **During insertive anal sex that last time, did you use a condom the whole time?**
LPLIASCT LP: Condom use during IAS 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 (ES9 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 L**P** HIV status (SX3**6**a EQ 1), go to SX36b. Else, go to SX37a.

SX36b. **What was** [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if LP is female (SX31 EQ 2), fill with "her"] **HIV status?**
LPHIVSTS [DO NOT read choices.]
LP: Partner HIV status at last event

HIV-negative	1
HIV-positive	2
Indeterminate	3
Refuse to Answer	7

LP: Last Sex – Partner ART Use

Notes_PartnerARTUse. See Measure References.

Check_SX36c.	If LP HIV-positive (SX36b EQ 2), go to SX36c. Else, go to SX37a.

SX36c. **Did** [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] **tell you whether** [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] **was taking antiretroviral medicines or ART to treat** [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if LP is female (SX31 EQ 2), fill with "her"] **HIV infection?**
LPARTDS LP: Whether P disclosed ART use

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

Check_SX36d.	If LP disclosed ART use, (SX36c EQ 1), go to SX36d. Else, go to SX37a.

SX36d. LPONART	**Did** [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] **say** [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] **WAS taking antiretroviral medicines or was NOT taking antiretroviral medicines?** LP: HIV+ partner on ART at last event	
	No, partner was NOT taking ART	0
	Yes, partner WAS taking ART	1
	Don't Know	9
	Refuse to Answer	7

LPSeries: Partner characteristics

LP: Age

SX37a. LPAGERL	**Was this partner younger than you, older than you, or the same age as you?** LP: Relative age	
	Younger	0
	Older	1
	Same age	2
	Don't Know	9
	Refuse to Answer	7

Check_SX37b.	If LP is older than R (SX37a EQ 1), go to SX37b. Else, go to SX38.

SX37b. LPAGEY	**What was** [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if LP is female (SX31 EQ 2), fill with "her"] **age?** LP: Age in years __ __ __	
	Range	0-100
	Don't Know	999
	Refuse to Answer	777

HardEdit_SX37b.	If LP's age is less than R's age (SX37b LT AGE), DISPLAY: "**INTERVIEWER**: The response entered is inconsistent with a prior response (R reported that partner was older than them). Clarify and re-enter response to current or prior item as needed." Then, go back to SX37b. Else, go to SX38.

LP: Race/Ethnicity

[Give Respondent Flashcard M.]

Which of the following best describes [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if LP is female (SX31 EQ 2), fill with "her"] **racial or ethnic background? You may choose more than one option.**

SX38.	[READ choices. CHECK ALL that apply.]	
LPRCETH	LP: race / ethnicity	
LPRCETHA	American Indian or Alaska Native	
LPRCETHB	Asian	
LPRCETHC	Black or African American	
LPRCETHD	Hispanic or Latino	
LPRCETHE	Native Hawaiian or Other Pacific Islander	
LPRCETHF	White	
	Don't Know	9
	Refuse to Answer	7

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

SX40a.	**As far as you know, has** [if LP is male (SX31 EQ 1) or R is female (ES9 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 (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"]**:**

[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

As far as you know, has [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] **ever used crack cocaine? Would you say [**if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"]**:**

SX40b. [READ choices.]

LPCRACK LP: Ever used crack

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

As far as you know, has [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] **ever been in prison or jail for more than 24 hours? Would you say [**if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"]**:**

SX40c. [READ choices.]

LPJAIL LP: Ever incarcerated

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 (ES9 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.

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 (ES9 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 (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"]**:**

SX41a.
LPPOTH

[READ choices.]
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.
LPROTH

During the time you were having a sexual relationship with this partner, did you have sex with other people?
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 <u>past 12 months</u> when you were having a sexual relationship with this partner, did [if LP is male (SX31 EQ 1) or R is female (ES9 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 (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"]**:**

SX42a.
LPPOTHYR

[READ choices.]
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.
LPROTHYR

During the <u>past 12 months</u> when you were having a sexual relationship with this partner, did you have sex with other people?
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

Check_SX50.	If R is female (ES9 EQ 2), go to SX50. Else, go to CALC_ENDSX.

F_F: Total Ps, 12m

SX50.	**Now I'm going to ask you about having sex with other women. In the past 12 months, with how many different women have you had sex?**	
F_FSXYR	F_F Number of female sex partners - 12 months	
	__ __ __ __	
	Range	0-1000
	Don't Know.....	9999
	Refuse to Answer	7777

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

END_SX.	Go to Alcohol Use Section (AL).

NHBS ROUND 6 QUESTIONNAIRE

ALCOHOL USE (AL)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded variables	--	CYCLE	NHBS Cycle
Eligibility Screener	ES9	GENDER	Gender
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Consent	CN1	CONSENTA	Consent to survey
Sexual Behavior	--	ENDSX	Time sexual behavior section ended

UNIVERSE_AL. All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDSX is not missing).

CALC_BEGAL.

BEGAL Time at beginning of alcohol use section BEGAL = Current time

Notes_Alcohol. See Measure References.

INTRO_AL1. DISPLAY: "READ: The next questions are about alcohol use. Please remember your answers will be kept private. For these questions, "a drink of alcohol" means a 12 oz beer, a 5 oz glass of wine, or a 1.5 oz shot of liquor.

[Give Respondent Flashcard Q.]"

AL1. **During the past 30 days, have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage, or liquor?**
ALC30D Had one or more drinks past 30 days

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

Check_AL2. If R had at least one drink in the past 30 days (AL1 EQ 1), go to AL2.
Else, go to CALC_ENDAL.

AL2. **During the past 30 days, what is the largest number of drinks you had within about two hours?**
ALCLG30D Largest number drinks on single occasion - past 30 days

__ __

Range	0-99
Don't Know	999
Refuse to Answer	777

Check_AL3M. If R is male, transgender, or did not report gender (ES9 NE 2) and had at least 5 drinks in about 2 hours (AL2 GE 5), go to AL3M.
If R is female (ES9 EQ 2) and had at least 4 drinks in about 2 hours (AL2 GE 4), go to AL3F.
Else, go to CALC_ENDAL.

AL3M. **During the past 30 days, how many <u>times</u> did you drink 5 or more drinks of any kind of alcohol in about two hours?**
ALC530D Male: number times had 5+ drinks - past 30 days

__ __

Range	0-99
Don't Know	999
Refuse to Answer	777

	If # times R had 5 or more drinks in 2 hours LT 1 (AL3M LT 1), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (R reported drinking 5 drinks in about 2 hours). Clarify and re-enter response to current or prior item as needed." Then, go back to AL3M.
HardEdit_AL3M.	Else, go to CALC_ENDAL.

AL3F. **During the past 30 days, how many <u>times</u> did you drink 4 or more drinks of any kind of alcohol in about two hours?**
ALC430D Female: number times had 4+ drinks - past 30 days

__ __

Range	0-99
Don't Know	999
Refuse to Answer	777

	If # times R had 4 or more drinks in 2 hours LT 1 (AL3F LT 1), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (R reported drinking 4 drinks in about 2 hours). Clarify and re-enter response to current or prior item as needed." Then go back to AL3F.
HardEdit_AL3F.	Else, go to CALC_ENDAL.

CALC_ENDAL.

ENDAL Time alcohol use section ended ENDAL = Current time

END_AL. Go to Injection Drug Use Section (ID).

NHBS ROUND 6 QUESTIONNAIRE

INJECTION DRUG USE (ID)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded variables	--	CYCLE	NHBS Cycle
Preloaded Variables	--	AGO12M_C	12 mos before interview: Century Month
Eligibility Screener	CALC_AGE	AGE	QDS calculated age today
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Consent	CN1	CONSENTA	Consent to survey
Alcohol Use	--	ENDAL	Time alcohol use section ended

UNIVERSE_ID. All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDAL is not missing).

CALC_BEGID.

BEGID Time at beginning of ID section BEGID = Current time

INTRO_Check_ID1. DISPLAY: "READ: 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.**
EVRINJ 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 ID1b.

ID1b. **Were you hooked on painkillers <u>before</u> you injected drugs for the very first time?**
OPIFIRST Hooked on painkillers prior 1st injected

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

Check_ID1b.num.	If IDU cycle (CYCLE EQ 2), go to INTRO_ID2. Else, go to ID1b.num.

Now, think about the <u>last</u> 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_ID2. Else, go to ID1b.dmy.

INTERVIEWER: Was this days or months or years ago that you last injected?
ID1b.dmy.
LINJ_U When last injected: day, month or year

# of Days	0
# of Months	1
# of Years	2

Check_INTRO_ID2.	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_ID2. Else, go to Check_CALC_LINJ12.

UNIVERSE_InjectionFrequency.	All Rs who 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)).

<u>Injection Frequency, 12m</u>

INTRO_ID2.	DISPLAY: "READ: 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?

ID2. [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_ 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.] READ: I'm going to read you a list of drugs. For each drug I mention, please tell me how often you injected it in the past 12 months."

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, by itself?

ID3b.	[READ choices.]	
INJ_HERO	Heroin, by itself 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, by itself?

ID3c.	[READ choices.]	
INJ_COKE	Powder cocaine, by itself 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, by itself?

ID3d. [READ choices.]
INJ_CRAC Crack cocaine, by itself 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

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

ID3g.1.
INJ_OTH Other drug injected, 12m, y/n – IDU

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

Check_ID3gspec.	If R injected another drug in the past 12 months (ID3g.1 EQ 1), go to ID3gspec. Else, go to INTRO_ID5a.

ID3gspec. **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.

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

[Give Respondent Flashcard B.]

ID4a.	[READ choices.]	
INJMOST1	Drug injected most often - 12 months – MSM, HET	
	Speedball, which is heroin and cocaine together	1
	Heroin, by itself	2
	Powder cocaine, by itself	3
	Crack cocaine, by itself	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

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

What other drugs did you inject?

[Give Respondent Flashcard B.]

ID4b.2.	[READ choices. CHECK ALL that apply.]	
INJMOST	Other drugs injected, 12m – MSM, HET	
INJMOSTA	Speedball, which is heroin and cocaine together	
INJMOSTB	Heroin, by itself	
INJMOSTC	Powder cocaine, by itself	
INJMOSTD	Crack cocaine, by itself	
INJMOSTE	Methamphetamine, also known as meth, crystal meth, speed, or crank	
INJMOSTF	Painkillers such as Oxycontin, Dilaudid, morphine, Percocet, or Demerol	
INJMOSTG	Something else	
	Don't Know	99
	Refuse to Answer	77

Injection Equipment Type, 12m

Notes_HighDeadSpaceSyringeUse. See Measure References.

INTRO_ID5a.	DISPLAY: "READ: Next, I'm going to ask you about the needles you used in the past 12 months, 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, have you used a syringe with a needle that can be removed?

ID5a.	[Give Respondent Flashcard R.]	
INJREM	Used syringe with removable needle - 12 months	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_ID5b.	If R used a syringe with a needle that can be removed in the past 12 months (ID5A EQ 1), go to ID5B. Else, go to ID7.

In the past 12 months, how often did you use a syringe with a needle that can be removed?

ID5b.	[READ choices.]	
INJREMFR	Frequency used syringe with removable needle - 12 months	
	Rarely	1
	About half the time	2
	Most of the time	3
	Always	4
	Don't Know	9
	Refuse to Answer	7

Notes_DispositionOfUsedNeedles. See Measure References.

In the past 12 months, after you injected, what did you do with the used needle? You may choose more than one option.

[Give Respondent Flashcard S.]

ID7.	[READ choices. CHECK ALL that apply.]	
NDLEDSP	How disposed of used needle - 12 months	
NDLEDSPA	Put it in a medical sharps container	
NDLEDSPB	Threw it away	
NDLEDSPC	Kept it	
NDLEDSPD	Gave or sold it to someone else	
NDLEDSPE	Took it to a needle or syringe exchange program	
NDLEDSPF	Did something else with it	
	Don't Know	9
	Refuse to Answer	7

Check_ID7spec.	If R did something else with the used needle (NDLEDSPF EQ 1), go to ID7spec. Else, go to ID8.

ID7spec. **INTERVIEWER: Specify other method of disposing of used needles.**

SPECDISP How disposed of used needle: Other specify

__ __ __ __ __ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __

{text response; max length = 100 characters}

Don't Know 9
Refuse to Answer 7

[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

Injection Equipment Sharing, 12m

Notes_InjectionEquipmentSharing. See Measure References.

Check_INTRO_ID9.	If R always used a sterile needle in the past 12 months (ID8 EQ 4), go to ID10. Else, go to INTRO_ID9.

INTRO_ID9.	DISPLAY: "READ: Next, I'm going to ask you about your injecting behaviors in the past 12 months, 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."

ID9. **In the past 12 months, with how many different people did you use a needle after they injected with it?**
NUM_NA Used needle after-number of people

__ __ __

Range..... 0-300
Don't Know 999
Refuse to Answer 777

ID10. **In the past 12 months, how many different people did you give your needle to use after you had already injected with it?**
NUM_GIVE Gave needle after injected with it - number of people

__ __ __

Range..... 0-300
Don't Know 999
Refuse to Answer 777

ID11. **In the past 12 months, with how many <u>different people</u> did you use the same cooker, cotton, or water that they had already used? By "water", I mean water for rinsing needles or preparing drugs.**

NUM_CCW Used cooker, cotton, water after - number of people

__ __ __

Range	0-300
Don't Know	999
Refuse to Answer	777

In the past 12 months, with how many <u>different people</u> did you use drugs that had been divided with a syringe that they had already used?

ID12.

NUM_DDA Used drugs divided up after - number of people

__ __ __

Range	0-300
Don't Know	999
Refuse to Answer	777

Check_ID13.
If R always used a sterile needle in the past 12 months or refuses to report how many people he used a needle after in the past 12 months (ID8 EQ 4 or (ID9 EQ 0,REF, or SK)), go to Check_ID14.
Else, go to ID13.

In the past 12 months, <u>how often</u> 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

HardEdit_ID13.
If R reported earlier that he had used needles after one or more persons & reports that he never used needles after someone (ID9 GT 0 and ID13 EQ 0), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (reported using needles after at least one other person). Clarify and re-enter response to current or prior item as needed." Then go back to ID13.
Else, go to Check_ID14.

Check_ID14.
If R did not give or refused to report if he gave someone a needle after he injected with it in the past 12 months (ID10 EQ 0 or REF), go to Check_ID15.
Else, go to ID14.

In the past 12 months, <u>how often</u> 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

	If R reported earlier that he had given needles to one or more persons and reports that he never gave needles to someone else (ID10 GT 0 and ID14 EQ 0), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (reported giving needles to at least one other person). Clarify and re-enter response to current or prior item as needed." Then go back to ID14.
HardEdit_ID14.	Else, go to Check_ID15.

	If R did not use or refused to report if he used cookers, cottons, or water after someone else in the past 12 months (ID11 EQ 0 or REF), go to Check_ID16.
Check_ID15.	Else, go to ID15.

In the past 12 months, <u>how often</u> 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

	If R reported earlier that he had used cookers, cottons, or water after one or more persons and reports that he never used cookers, cottons, or water after someone else (ID11 GT 0 and ID15 EQ 0), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (reported using cookers, cottons, or water after at least one other person). Clarify and re-enter response to current or prior item as needed." Then go back to ID15.
HardEdit_ID15.	Else, go to Check_ID16.

	If R did not use or refused to report if he used drugs that had been divided with a used syringe (ID12 EQ 0 or REF), go to Check_CALC_LINJ12.
Check_ID16.	Else, go to ID16.

In the past 12 months, <u>how often</u> 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

	If R reported earlier that he had used drugs that been divided with a used syringe after one or more persons and reports that he never used drugs divided with a used syringe (ID12 GT 0 and ID16 EQ 0), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (reported using drugs that had been divided with a used syringe with at least one person). Clarify and re-enter response to current or prior item as needed." Then go back to ID16.
HardEdit_ID16.	Else, go to Check_CALC_LINJ12.

	If R reported never injected (ID1 EQ 0) go to CALC_LINJ12. If R reported when last injected (ID1b.num NE DK, REF, or SK), go to CALC_LINJ12.
Check_CALC_LINJ12.	Else, go to CALC_ENDID.

CALC_LINJ12.		
LINJ12	Injected in last 12 months	LINJ12 = IF((LINJN=0), 1, if((LINJ_U=0 & LINJN<=365), 1, if((LINJ_U=1 & LINJN<=12), 1, if((LINJ_U=2 & LINJN <= 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 6 QUESTIONNAIRE

NON-INJECTION DRUG USE (ND)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded variable	--	CYCLE	NHBS Cycle
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Consent	CN1	CONSENTA	Consent to survey
Injection Drug Use	--	ENDID	Time injection drug use section ended

UNIVERSE_ND. All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDID is not missing).

CALC_BEGND.

BEGND Time at beginning of ND section BEGND = Current time

INTRO_ND1. DISPLAY: "READ: Now I'm going to ask you about times when you may have used drugs but did NOT inject them. This includes times that you may have smoked, snorted, inhaled, or ingested drugs such as marijuana, methamphetamine, cocaine, or crack."

ND1. NIUSE12

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"]**?**

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 (ND1 EQ 1), go to INTRO_ND2A.
Else, go to CALC_ENDND.

INTRO_ND2A. DISPLAY: "[Give Respondent Flashcard H.]

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 drugs or used drugs that were prescribed for you."

ND2A. ND_MJ

How often did you use marijuana?

[READ choices.]

How often used marijuana 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 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 use X or ecstasy?

ND2G. [READ choices.]

ND_X How often used X or ecstasy 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

Check_ND2I. If MSM cycle (CYCLE EQ 1), go to ND2I.
Else, go to ND2J.

How often did you use poppers, also known as amyl nitrite?

ND2I. [READ choices.]

ND_POP How often used poppers (amyl nitrite) 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 6 QUESTIONNAIRE

DRUG OVERDOSE AND DRUG TREATMENT (TX)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Consent	CN1	CONSENTA	Consent to survey
Non-Injection Drug Use	--	ENDND	Time non-injection drug use section ended
Injection Drug Use	--	ENDID	Time injection drug use section ended
Sexual Behavior	--	ENDSX	Time sexual behavior section ended
Alcohol Use	--	ENDAL	Time alcohol use section ended

UNIVERSE_TX. All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDND is not missing).

CALC_BEGTX.

BEGTX Time at beginning of TX section BEGTX = Current time

Drug Treatment

INTRO_TX1. DISPLAY: "READ: 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

TX2. **In the past 12 months, did you try to get into a program to treat drug use but were unable to?**
DTXTRYR5 Drug tx tried to get in

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 LT5 OR ID4a EQ 1,2, or 6 OR INJMOSTA EQ 1 OR INJMOSTB EQ 1 OR INJMOSTF EQ 1 OR ND2F LT 5 OR ND2H LT 5) go to INTRO_TX3.
Else, go to CALC_ENDTX.

INTRO_TX3.	DISPLAY: "READ: 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

TX5.	**In the past 12 months, did you overdose on heroin or painkillers? By overdose, I mean if you passed out, turned blue, or stopped breathing from using drugs.**	
OVERDOSE	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 6 QUESTIONNAIRE

HIV TESTING EXPERIENCES (HT)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded Variable	--	IDATE	Interview date
Preloaded Variable	--	IDATEY	Interview date: Year
Preloaded Variable	--	IDATE_C	Interview date: Century Month
Preloaded Variable	--	AGO6M_C	6 mos before interview: Century Month
Preloaded Variable	--	AGO12M_C	12 mos before interviewe: Century Month
Preloaded Variable	--	AGO2Y_C	2 yrs before interview: Century Month
Eligibility Screener	ES1	DOB	Date of birth
Interviewer Entered Information	IE2	CITY	City
Consent	CN1	CONSENTA	Consent to survey
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Drug Treatment	---	ENDTX	Time drug treatment section ended

Universe_HT.	All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDTX is not missing).

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

HIV Test, Ever

INTRO_HT1.	DISPLAY: "READ: 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. If R never tested for HIV (HT1 EQ 0), go to HT6. If R did not report if ever tested for HIV (HT1 EQ DK or REF), 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_NSRPSeries.	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_NSRPSeries.	Rs who ever tested and did NOT report ever testing HIV-positive (HT1 EQ 1) & (HT2 EQ 0, DK, or REF).

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.		
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.	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. 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. Else, go to Check_HT4conf.

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 HT4a.

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

When you got tested [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"; if month & year of last test not reported (HT4 EQ DK or REF), fill with "that last time"], **where did you get tested?**

HT4a. [DO NOT READ choices.]
LOCHIV Location of recent HIV test

HIV counseling and testing site	1
HIV/AIDS street outreach program or mobile unit	2
Drug treatment program	4
Needle or syringe exchange program	5
Correctional facility (jail or prison)	6
Family planning or obstetrics clinic	7
Public health clinic or community health center	8
Private doctor's office (including HMO)	9
Emergency room	10
Hospital (inpatient)	11
At home	12
Other	13
Don't Know	99
Refuse to Answer	77

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 Check_BarrierstoHIVTesting.

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_ BarrierstoHIVTesting. If recent test result was positive (HT4c EQ 2), go to Self-Reported Positive (SRP) Series.

If recent test not positive (HT4c NE 2) & R NOT tested in past 12 months ((RCNTST_C LT AGO12M_C) or (IDATEY- RCNTSTY GT 1) or (HT4conf EQ 0)), go to HT6.

Else, go to CALC_ENDHT.

HIV Testing Barriers

Universe_Barriers. R's who have NOT tested in the past 12 months (HT1 EQ 0) or (HT4 GT 12 months) or (HT4conf EQ 0)

I'm going to read you a list of reasons why some people have not been tested for HIV. Which of these best describes the <u>most important reason</u> you have not been tested for HIV in the past <u>12 months</u>?

HT6. [READ choices.]
RENT12M Reason not tested past 12 mos

You think you are at low risk for HIV infection?	1

You were afraid of finding out that you had HIV?	2
You didn't have time?	3
Some other reason?	4
No particular reason	5
Don't Know	9
Refuse to Answer	7

Check_HT6a.	If most important reason not tested was 'other' (HT6 EQ 4), go to HT6a. Else, go to CALC_ENDHT.

HT6a. **What was the <u>most important reason</u> you have not been tested for HIV in the past 12 months?**
SPECNTST Most important reason not tested past 12 months

__ __ __ __ __ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __
{text response; max length = 100 characters}

Don't Know	9
Refuse to Answer	7

Check_SRPSeries.	Go to CALC_ENDHT.

Universe_SRPSeries.	Rs who reported ever testing HIV-positive (HT2 EQ 1) or (HT4c EQ 2).

<u>Self-Reported HIV-positive (SRP) Series</u>

<u>HIV Test, First Positive</u>

HT7. **When did you <u>first</u> 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 HT7a. Else, go to CALC_POS1ST_C.

CALC_POS1ST_C.		
POS1ST_C	Century month version of POS 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 HT7a.

Where did you first test positive?

HT7a.
LOC1POS

[DO NOT READ choices.]
Location of first HIV-positive test

HIV counseling and testing site	1
HIV/AIDS street outreach program or mobile unit	2
Drug treatment program	4
Needle or syringe exchange program	5
Correctional facility (jail or prison)	6
Family planning or obstetrics clinic	7
Public health clinic or community health center	8
Private doctor's office (including HMO)	9
Emergency room	10
Hospital (inpatient)	11
At home	12
Other	13
Don't Know	99
Refuse to Answer	77

HT7d.
TLDCARE

Within 30 days after you got your first positive HIV test, did someone let you know where you could go for outpatient care?
Told where to get HIV care

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

HIV Linkage to Care

Universe_LinkagetoCare.	All HIV-positive Rs (HT2 EQ 1 or HT4c EQ 2).

Notes_LinkagetoCare.	See Measure References.

HT8a.
POSMD

Have you ever been seen by a doctor, nurse, or other health care provider for a medical evaluation or care related to your HIV infection?
Seen health care provider for HIV infection

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

Check_HT8b.	If R has ever been seen for HIV care (HT8a EQ 1), go to HT8b. Else, go to CALC_ENDHT.

HT8b. **When did you first go to your health care provider after learning you had HIV? Please tell me the month and year.**
FRSMD First saw health care provider after learning HIV+
__ __ / __ __ __ __ (MM/YYYY)

Range (Year)	1900-2100
Don't Know (Year)	9999
Refuse to Answer (Year)	7777

Check_CALC_FRSMD_C. If R did not report when they first went to a health care provider (HT8b EQ DK or REF), go to Check_HT8b.1
Else, go to CALC_FRSMD_C.

CALC_FRSMD_C.
FRSMD_C Century month version of FIRST MD date FRSMD_C = (FRSMDY-1900)*12) + FRSMDM

HardEdit_HT8b. If R's date of first visit for HIV care is after date of interview ((FRSMD_C GT IDATE_C) or (FRSMDY AFTER IDATEY)), DISPLAY: "**INTERVIEWER:** The date respondent first saw a health care provider about his or her positive serostatus cannot be after today's date." Then, go back to HT8b.

If R's date of first visit for HIV care is before date of birth (HT8b BEFORE ES1), DISPLAY: "**INTERVIEWER:** The date respondent first saw a health care provider about his or her positive serostatus cannot be before the date of birth, [fill with (value for ES1, formatted as Month DD, YYYY)]. Then, go back to HT8b.

If R's date of first visit for HIV care is before date of first HIV-positive test date ((POS1ST_C GT FRSMD_C) or (POS1STY AFTER FRSMDY)), DISPLAY: "**INTERVIEWER:** The date respondent first saw a health care provider about his or her positive serostatus should not be before the first positive test." Then, go back to HT8b.

Else, go to Check_HT8b.1

Check_HT8b.1 If R did not know when first visit for HIV care occurred or date of first positive test result (HT8b or HT7 EQ DK) or if R did not know the month of first visit for HIV care or month of first positive test date (FRSMDM is missing or POS1STM is missing), go to HT8b.1.

Else, go to HT8c.

HT8b.1. **Did you first go to your health care provider for HIV care more than 30 days after learning you had HIV?**
C_FRSMD Confirm: 1st MD visit more than 30 days before 1st HIV-pos Dx

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

HT8c. **When did you last go to your health care provider for HIV care? Please tell me the month and year.**
LASTMD Last saw health care provider
__ __ / __ __ __ __ (MM/YYYY)

Range (Year)	1900-2100
Don't Know (Year)	9999
Refuse to Answer (Year)	7777

Check_CALC_LASTMD_C. If R did not report when they last visited a health care provider (HT8c EQ DK or REF), go to Check_HT8c.1.
Else, go to CALC_LASTMD_C.

CALC_LASTMD_C.		
LASTMD_C	Century month version of LAST MD date	LASTMD_C = (LASTMDY-1900)*12) + LASTMDM

HardEdit_HT8c.	If R's date of last visit for HIV care after date of interview ((LASTMD_C GT IDATE_C) or (LASTMDY AFTER IDATEY)), DISPLAY: "**INTERVIEWER:** The date respondent last saw a health care provider cannot be after today's date." Then, go back to HT8c. If R's date of last visit for HIV care before date of birth (HT8d BEFORE ES1, DISPLAY: "**INTERVIEWER:** The date of respondent's last visit cannot be before the date of birth, [fill with value for ES1, formatted as Month DD, YYYY)]." Then, go back to HT8c. If R's date of last visit for HIV care is before date of first visit for HIV care ((LASTMD_C LT FRSMD_C)) or (FRSMDY AFTER LASTMDY)), DISPLAY: "**INTERVIEWER:** The date of respondent's last visit cannot be earlier than the date of the first visit." Then, go back to HT8c. If R's date of last visit for HIV care is before date of first positive test ((LASTMD_C LT POS1ST_C) or (POS1STY AFTER LASTMDY)), DISPLAY: "**INTERVIEWER:** The date of respondent's last visit cannot be earlier than the date of the first positive test." Then, go back to HT8c. Else, go to Check_HT8c.1.

Check_HT8c.1.	If the date of R's last visit for HIV care is more than 6 months ago (LASTMD_C LT AGO6M_C) go to HT9. If R's date of last visit for HIV care is DK or month is missing, go to HT8c.1. Else, go to HT9.

HT8c.1.	**Was your last visit for HIV care in the past <u>6 months</u>?**	
C_LASTMD	Last HIV care in the past 6 months - n/y	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

<u>HIV Medications</u>

Universe_HIVMedications.	Rs who reported having seen a health care provider for HIV care (HT8a EQ 1).

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

<u>HIV Viral Load</u>

Notes_ViralLoad.	See Measure References.

INTRO_HT10.	DISPLAY: "READ: Now I'm going to ask you a few questions about HIV viral load. HIV viral load tests measure the amount of HIV in your blood."

HT10. **Have you ever had an HIV viral load test?**
EVRVLTST Ever had viral load test

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

Check_HT10a. If R never had a viral load test or did not respond (HT10 EQ 0, DK or REF), go to CALC_ENDHT.
Else, go to HT10a.

HT10a. **When was your most recent viral load test? Please tell me the month and year.**
RCVLTST Date of most recent VL
__ __ / __ __ __ __ (MM/YYYY)

Range (Year)	1900-2100
Don't Know (Year)	9999
Refuse to Answer (Year)	7777

Check_CALC_VLTST_C. If R did not report when they had most recent viral load test (HT10a EQ DK or REF), go to INTRO_HT10b.
Else, go to CALC_VLTST_C.

CALC_VLTST_C.
VLTST_C Century month version of RCVLTST date VLTST_C = (RCVLTSTY-1900)*12) + RCVLTSTM

HardEdit_HT10a. If R's date of most recent viral load test after date of interview ((VLTST_C GT IDATE_C) or (RCVLTSTY AFTER IDATEY)), DISPLAY: "**INTERVIEWER:** The date of respondent's most recent viral load test cannot be after today's date." Then, go back to HT10a.

If R's date of most recent viral load test before date of birth (HT10a BEFORE ES1), DISPLAY: "**INTERVIEWER:** The date of respondent's most recent viral load test cannot be before his or her date of birth [fill with (value for ES1, formatted as Month DD, YYYY])." Then, go back to HT10a.

If R's date of most recent viral load test is before date of first positive test ((VLTST_C LT POS1ST_C) or (POS1STY AFTER RCVLTSTY)), DISPLAY: "**INTERVIEWER:** The date of respondent's most recent viral load test cannot be earlier than the date of the first positive test." Then, go back to HT10a.

Else, go to INTRO_HT10b.

INTRO_HT10b. DISPLAY: "READ: Next, I am going to ask about the result of your most recent viral load test. Looking at this flashcard, which category represents your most recent result?"

[Give Respondent Flashcard V.]

What was the result of your most recent viral load test?

HT10b. [READ choices.]
VRLTRSLT Result for most recent VL

Below the level of detection, undetectable	1
Detectable but less than 5,000 viral copies/ml	2
5,000 to 100,000 viral copies/ml	3
Greater than 100,000 viral copies/ml	4
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 6 QUESTIONNAIRE

HEALTH CONDITIONS (HC)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded Variables	--	AGE	QDS calculated age today
Preloaded variables	--	CYCLE	NHBS Cycle
Consent	CN1	CONSENTA	Consent to survey
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
HIV Testing	--	ENDHT	Time HIV testing section ended

Universe_HC. All eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 2) or (CYCLE EQ 3 & EL_HET EQ 3) who consent to interview (CN1 EQ 1) and completed prior section (ENDHT is not missing).

CALC_BEGHC.

BEGHC Time at beginning of HC section BEGHC = Current time

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

Hepatitis C (HCV)

INTRO_HC1. DISPLAY: "READ: 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 HC2b.

[Give Respondent Flashcard W.]

Which of the following best describes where you got that last hepatitis C test?

HC2b.
HCVTLOC

[READ choices.]
Location of last HCV test

Doctor's office, clinic, or health center	1
Hospital	2
Jail, prison, or detention center	3
Drug or alcohol treatment program	4
Needle or syringe exchange program	5
Other HIV/AIDS-focused organization	6
Some other place	7
Don't Know	99
Refuse to Answer	77

Check_HC2c.	If R does not report 'Other' (HC2b NE 7), go to HC3. Else, go to HC2c.

HC2c.
SPECHCVT

INTERVIEWER: Type in other location where respondent got the last hepatitis C test.
Other location where R got hepatitis C test

__ __ __ __ __ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __
{text response; max length = 100 characters}
Refuse to Answer 7

HC3.
HEPCEVER

Has a doctor, nurse, or other health care provider ever told you that you had hepatitis C?
Ever told had hepatitis C by doctor or nurse

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

Check_HC4a.	If R never told they had hepatitis C (HC3 NE 1), go to INTRO_HC5a. Else, go to HC4a.

[Give Respondent Flashcard X.]

When were you told you had hepatitis C?

HC4a.
WHENTHC

[READ choices.]
When told had HCV

6 months ago or less	0
More than 6 months, but less than 1 year ago	1
At least 1 year but less than 5 years ago	2
At least 5 years but less than 10 years ago	3
10 years ago or more	4
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

Notes_STDs.	See Measure References.

INTRO_HC5a.	On one screen, DISPLAY: "READ: Now, I'm going to ask you some questions about sexually transmitted diseases, or STDs, other than HIV and hepatitis." On the next screen, DISPLAY: "READ: Has a doctor or other health care provider EVER told you that you had either of the following: [READ choices. CHECK YES or NO for each one.]"

HC5a. **Genital herpes?**
EVRHERP Ever diagnosed genital herpes

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

HC5b. **Genital warts?**
EVRGWAR Ever diagnosed genital warts

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

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

Check_HC7.	If MSM cycle and R reported STD testing in past 12 months, (CYCLE EQ 1 AND HC6 EQ 1), go to HC7. Else, go to INTRO_HC8a.

HC7. **In the past 12 months, did you have an anal or rectal STD test?**
RSTDTEST Rectal STD test past 12 months

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

INTRO_HC8a.	DISPLAY: "READ: 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
HC9a.	**Have you ever received a vaccine against HPV, for example, GARDASIL, which prevents genital warts, anal cancer, and cervical cancer?**	
HPVVAC	Ever received HPV shot	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_HC9b.	If R has received HPV vaccine (HC9a EQ 1), go to HC9b. Else, go to INTRO_HC10a.

HC9b.	**How old were you when you received your first dose of the HPV vaccine?**	
AGEVAC	Age first dose HPV vaccine	
	__ __ __	
	Range	0-100
	Don't Know	999
	Refuse to Answer	777

HardEdit_HC9b.	If age at first dose of vaccine is greater than R's age (HC9b GT AGE), DISPLAY: "**INTERVIEWER:** The age of first vaccination cannot be greater than respondent's current age, [fill with value for R's age (AGE)]." Then, go back to HC9b. Else, go to INTRO_HC10a.

Psychological Distress – Kessler-6 (K6) scale

Notes_K6Scale.	See Measure References.

INTRO_HC10a.	DISPLAY: [Give Respondent Flashcard Y.] "READ: 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. FEELNERV

[READ choices.]
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.	[READ choices.]	
FEELDOWN	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 6 QUESTIONNAIRE

PREVENTION ACTIVITIES (PA)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded 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
Injection Drug Use	--	ENDID	Time injection drug section ended
Consent	CN1	CONSENTA	Consent to survey
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Eligibility Screener	--	E_INJ12	injected in last 12 months
Health Conditions	--	ENDHC	Time health conditions section ended
HIV Testing	HT2	EVERPOS	Ever test positive for HIV
HIV Testing	HT4c	RCNTRST	Result most recent HIV test

Universe_PA. All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) OR (CYCLE EQ 2 & EL IDU EQ 1) OR (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDHC is not missing).

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

HIV Prevention Resources

INTRO_PA1a. DISPLAY: "READ: Next I'd like to ask you about HIV prevention activities that happen around here."

PA1a. **In the past 12 months, that is, since** [fill with interview month, formatted as text] **of last year, have you gotten any free condoms, not counting those given to you by a friend, relative or sex partner?**

COND12 Received free condoms past 12 mos

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

Check_PA1b. If R got free condoms (PA1a EQ 1) go to PA1b.
Else, go to Check_PA2a.

[Give Respondent Flashcard Z.]

Which place or places on this list did you get free condoms from?

PA1b. [READ choices. CHECK ALL that apply.]

FCON	Location got free condoms
FCONA	HIV/AIDS-focused organization
FCONB	Gay, lesbian, bisexual, transgender, or queer organization
FCONC	Needle or syringe exchange program

FCOND	IDU outreach program	
FCONE	Doctor's office, health center, clinic or hospital	
FCONF	Drug or alcohol treatment center	
FCONG	Bar, club, bookstore, or other business	
FCONH	Other community organization	
FCONI	Some other place	
	Don't Know	99
	Refuse to Answer	77

Check_PA2a.	If R injected in p 12m (LINJ12 EQ 1 OR E_INJ12 EQ 1), go to PA2a. Else go to PA4a.

PA2a.	**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.**	
STLNDL12	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 PA3a.

[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.]	
SNDLSRC	Sources of new sterile needles, 12m	
SNDLSRCA	Needle or syringe exchange program	
SNDLSRCB	Someone who got them from a needle exchange	
SNDLSRCC	Pharmacy or drug store	
SNDLSRCD	Doctor's office, clinic, or hospital	
SNDLSRCE	HIV/AIDS-focused organization	
SNDLSRCF	Some other place	
	Don't Know	9
	Refuse to Answer	7

PA3a.	**In the past 12 months, have you gotten any other new injection supplies, such as cookers, cotton, or water?**	
KITS12R5	Got new injection equipment, 12m	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_PA3b.	If R got new cookers, cotton, or water (PA3a EQ 1), go to PA3b. Else, go to PA4a.

[Give Respondent Flashcard AA.]

Which place or places on this list did you get those new injection supplies from? You may choose more than one option.

PA3b. [READ CHOICES. CHECK ALL that apply.]

KTSRCR5	Sources of new injection equipment, 12m	
KTSRCR5A	Needle or syringe exchange program	
KTSRCR5B	Someone who got them from a needle exchange	
KTSRCR5C	Pharmacy or drug store	
KTSRCR5D	Doctor's office, clinic, or hospital	
KTSRCR5E	HIV/AIDS-focused organization	
KTSRCR5F	Some other place	
	Don't Know	9
	Refuse to Answer	7

HIV Behavioral Interventions

PA4a. **In the past 12 months, have you had a one-on-one conversation with an outreach worker, counselor, or prevention program worker about ways to prevent HIV? Don't count the times when you had a conversation as part of an HIV test.**

TALKHIV	Talked to cnslr. about prevention p 12m	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

PA4b. **In the past 12 months, have you been a participant in any organized session(s) involving a small group of people to discuss ways to prevent HIV? Don't include discussions you had with a group of friends.**

GROUP12	Participate in group session p 12m	
	No	0
	Yes	1
	Don't Know	9
	Refuse to Answer	7

Check_INTRO_PA5. If R did not report ever testing HIV-positive (HT4c NE 2 and HT2 NE 1), go to INTRO_PA5.
Else, go to CALC_ENDPA.

PrEP/PEP

Universe_PrEP. R's that reported no previous HIV-positive test result (HT4c NE 2 and HT2 NE 1).

INTRO_PA5. DISPLAY: "READ: 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, Taken in p12m

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, taken 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?**
PRPAWR PrEP, awareness

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

PrEP, Taken in p12m

Check_PA6b.	If R heard of PrEP before today (PA6a EQ 1), go to PA6b. Else, go to CALC_ENDPA.

PA6b. **In the past 12 months, have you had a discussion with a health care provider about taking PrEP?**
PRPDSC 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 taken PrEP to reduce the risk of getting HIV?**
PRPUS12M PrEP use, 12m (y/n)

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

PrEP Prescription

Check_PA6d.	If R did not take PrEP, 12m (PA6c EQ 0), go to PA6d. If R reported using PrEP, 12m (PA6c EQ 1), go to PA6f. Else, go to CALC_ENDPA.

PA6d. **Sometimes people are prescribed medications but later decide not to take them. In the past 12 months, did a health care provider prescribe PrEP for you?**
PRPPRSB PrEP, HCP prescribed, 12m

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

Check_PA6e.	If R received PrEP Rx in p 12m (PA6d EQ 1), go to PA6e. Else, go to CALC_ENDPA.

PA6e. **Did you fill the PrEP prescription that the health care provider gave you?**
PRPFLPR PrEP, filled prescription, 12m

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

Check_PA6f.	Go to CALC_ENDPA.

PrEP Sources

Notes_PrEPSources.	See Measure References.

[Give Respondent Flashcard BB.]

Please tell me which of the following people or places describe how you got PrEP during the last 12 months. You may choose more than one option.

PA6f. [READ choices. CHECK ALL that apply.]
PRPSRC PrEP, sources, 12m
PRPSRCA Prescription from a health care provider
PRPSRCB Directly from a health care provider or clinic
PRPSRCC A friend or relative
PRPSRCD A person you have sex with
PRPSRCE A person you use drugs with
PRPSRCF Some other source
Don't Know 9
Refuse to Answer 7

Check_PA6f.1.	If R got PrEP from some other source (PRPSRCF EQ 1), go to PA6f.1. Else, go to PA6g.

PA6f.1. **What was that other source?**
SPECPRS PrEP, sources, text

__ __ __ __ __ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __
{text response; max length = 100 characters}
Don't Know 9
Refuse to Answer 7

PrEP Use, Frequency

Notes_PrEPUse.	See Measure References.

PA6g. **When you took PrEP in the past 12 months, did you take it every day, almost every day, or less often?**
PRPFX12M PrEP use, frequency, 12m
Every day 2
Almost every day 1
Less often 0
Don't Know 9
Refuse to Answer 7

PA6h. **When was the last time you took PrEP? That is, how many days, weeks, or months ago did you last take PrEP?**

[**INTERVIEWER:** If today, enter "0".]
PRPLDN Time since last PrEP, number

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

Check_PA6i.	If R last took PrEP at least 1 day ago (PA6h GE 1), go to PA6i. Else, go to CALC_PRP30D.

PA6i. [**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 (PRPLDN=DK or PRPLDU=REF), ., if((PRPLDN=0), 1, if((PRPLDU=0 & PRPLDN<=31), 1, if((PRPLDU=1 & PRPLDN<=5), 1, if((PRPLDU=2 & PRPLDN<= 1), 1, 0)))))

Check_INTRO_PA6j.	If R last took PrEP in past 30 days or 5 weeks or 1 month (PRP30D EQ 1), 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

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

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

NHBS ROUND 6 QUESTIONNAIRE

JUSTICE SYSTEM EXPERIENCES (JS)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Consent	CN1	CONSENTA	Consent to survey
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Prevention Activities	--	ENDPA	Time prevention activities section ended

Universe_JS. All eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDPA is not missing).

CALC_BEGJS.

BEGJS Time at beginning of JS section BEGJS = Current time

INTRO_JS1. DISPLAY: "READ: 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 <u>12 months</u>, 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).

NHBS ROUND 6 QUESTIONNAIRE

VIOLENCE (VE)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Consent	CN1	CONSENTA	Consent to survey
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Justice System Experiences	--	ENDJS	Time justice system experiences ended

Universe_VE. All eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDJS is not missing).

CALC_BEGVE.

BEGVE Time at beginning of VE section BEGVE = Current time

Notes_Violence. See Measure References.

Violence, Physical

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

VE1.
PHVIO12M

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?**
Physical violence, 12 mo

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

Violence, Sexual

VE2.
SXVIO12M

In the past 12 months, has anyone forced or pressured you to have vaginal, oral, or anal sex when you did not want to?
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 6 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
Preloaded Variables	--	CYCLE	NHBS Cycle
Preloaded Variables	--	LANGUAGE	Language
Eligibility Screener	ES7a	HRA	Lives in a HRA
Eligibility Screener	ES9	GENDER	Gender
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), go to INTRO_END6a.
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 MSM cycle (CYCLE EQ 1), and R recruited via RDS (IE3b EQ 1), go to CALC_MSM_RCTRR6. If IDU cycle (CYCLE EQ 2), go to CALC_IDU_RCTRR6. If HET cycle (CYCLE EQ 3), go to CALC_HHINLOR6. Else, go to Check_END6a.

RDS Recruiter Variables

MSM Recruiter

CALC_MSM_RCTRR6.

MSM_RCTRR6	Eligible: MSM RDS Recruiter	If R is NOT a seed: (ISEED EQ 0): If data are valid (VALIDITY EQ 1 or 2) & complete (COMPLETE EQ 1), R selected to receive coupons (MSM_RCTRR6=1). Else, R is NOT to receive coupons (MSM_RCTRR6 EQ=0). If R IS a seed: (ISEED EQ 1):

		If R had sex with a man in the past 12 months (M_MSX12 GE 1) and data are valid (VALIDITY EQ 1 or 2) & complete (COMPLETE EQ 1), R selected to receive coupons (MSM_RCTRR6=1). Else, R is NOT to receive coupons (MSM_RCTRR6 EQ=0).

CALC_MSM_RCTR_DCC.		
MSM_RCTR_DCC	MSM Recruiter for DCC Portal	MSM_RCTR_DCC = MSM_RCTRR6

Check_CALC_IDU_RCTR.	Go to INFO_RCTR.

IDU Recruiter

CALC_IDU_RCTRR6.		
IDU_RCTRR6	Eligible: IDU RDS Recruiter	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).

CALC_IDU_RCTR_DCC.		
IDU_RCTR_DCC	IDU Recruiter for DCC Portal	IDU_RCTR_DCC = IDU_RCTRR6

Check_CALC_HET_RCTR.	Go to INFO_RCTR.

HET Definition

CALC_HHINLOR6		
HHINLOR6	Income range reported, min.	If HHINCR6=0 , HHINLOR6=0; If HHINCR6=1 , HHINLOR6=5000; If HHINCR6=2 , HHINLOR6=10000; If HHINCR6=3 , HHINLOR6=12500; If HHINCR6=4 , HHINLOR6=15000; If HHINCR6=5 ,HHINLOR6=20000; If HHINCR6=6 , HHINLOR6=25000; If HHINCR6=7 , HHINLOR6=30000; If HHINCR6=8 , HHINLOR6=35000; If HHINCR6=9 , HHINLOR6=40000; If HHINCR6=10 , HHINLOR6=50000; If HHINCR6=11 , HHINLOR6=60000; If HHINCR6=12 , HHINLOR6=75000; If HHINCR6=13 , HHINLOR6=100000; If HHINCR6=(DK or REF) , HHINLOR6= .;

CALC_HHINHIR6		
HHINHIR6	Income range reported, max.	If HHINCR6=0 , HHINHIR6=4999; If HHINCR6=1 , HHINHIR6=9999; If HHINCR6=2 , HHINHIR6=12499; If HHINCR6=3 , HHINHIR6=14999; If HHINCR6=4 , HHINHIR6=19999; If HHINCR6=5 , HHINHIR6=24999; If HHINCR6=6 , HHINHIR6=29999; If HHINCR6=7 , HHINHIR6=34999; If HHINCR6=8 , HHINHIR6=39999; If HHINCR6=9 , HHINHIR6=49999; If HHINCR6=10 , HHINHIR6=59999; If HHINCR6=11 ,HHINHIR6=74999;

		If HHINCR6=12 , HHINHIR6= 99999; If HHINCR6=13 , HHINHIR6= .; If HHINCR6= (DK or REF) , HHINHIR6= .;

CALC_HHSGL18		
HHSGL18	DHHS Poverty Guidelines, 2018	If HET5 (2019): If DEPENDR6= SK , HHSGL18= .; If DEPENDR6= (DK, REF, or 1) , HHSGL18= 12140 ; If DEPENDR6=2 , HHSGL18= 16460 ; If DEPENDR6=3 , HHSGL18= 20780 ; If DEPENDR6=4 , HHSGL18= 25100 ; If DEPENDR6=5 , HHSGL18= 29420 ; If DEPENDR6=6 , HHSGL18= 33740 ; If DEPENDR6=7 , HHSGL18= 38060 ; If DEPENDR6=8 , HHSGL18= 42380 ; If DEPENDR6=9 , HHSGL18= 46700 ; If DEPENDR6=10 , HHSGL18= 51020 ; If DEPENDR6=11 , HHSGL18= 55340 ; If DEPENDR6=12 , HHSGL18= 59660 ; If DEPENDR6=13 , HHSGL18= 63980 ; If DEPENDR6=14 , HHSGL18= 68300 ; If DEPENDR6=15 , HHSGL18= 72620 ; If DEPENDR6=16 , HHSGL18= 76940 ; If DEPENDR6=17 , HHSGL18= 81260 ; If DEPENDR6=18 , HHSGL18= 85580 ; If DEPENDR6=19 , HHSGL18= 89900 ; If DEPENDR6=20 , HHSGL18= 94220 ;
Notes:		Variable name, label, calculation, and reference are updated when new DHHS poverty guidelines applicable to the next HET cycle are released.
Reference:		US Department of Health and Human Services. Annual Update of the HHS Poverty Guidelines. Federal Register; 2018. Available at: https://www.govinfo.gov/content/pkg/FR-2018-01-18/pdf/2018-00814.pdf. Accessed September 12, 2018.

CALC_HHS150I8		
HHS15018	150% HHS Guideline for # dependents, 2018	If HET5 (2019), HHS15018= HHSGL18*1.50 ; Else, HHS15018 = . ;
Notes:		Variable name, label, & calculation are updated when new DHHS poverty guidelines applicable to the next HET cycle are released.

CALC_LIMLT18		
LIMLT18	MSA Low income multiplier, 2018	If HET5 (2019): If Memphis or San Juan (CITY= 12 or 23), LIMLT18= 1.0. If Atlanta, Chicago, Dallas, Detroit, Houston, New Orleans, Norfolk, or Portland (CITY= 1, 4, 5, 7, 9, 15, 17, or 19), LIMLT18= 1.1. If Baltimore, Denver, Miami, Philadelphia, or Seattle (CITY= 2, 6, 11, 18, or 24), LIMLT18= 1.2. If Boston, Nassau, Newark, or New York City (CITY= 3, 13, 14, or 16), LIMLT18= 1.3. If Los Angeles, San Diego, or Washington DC (CITY=10, 21, or 25), LIMLT18= 1.4. If San Francisco (CITY=22) LIMLT18= 1.5.

Notes:	Weight to adjust for geographic differences in cost of living. Calculated as the ratio of the Metropolitan Statistical Area Supplemental Poverty Measure threshold for 2-adult 2-children families (renters) to the Official Poverty Measure threshold for 2 adult 2 children families. Variable name, label, calculation, and references are updated when new Census poverty thresholds applicable to the next HET cycle are released.
References:	US Census Bureau table of Poverty Thresholds for 2017 by Size of Family and Number of Children. Available at: https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-thresholds.html. Accessed September 12, 2018. US Census Bureau table of Supplemental Poverty Thresholds by Metro Area for 2017. Available at: https://www.census.gov/content/census/en/library/publications/2018/demo/p60-265.html. Accessed September 12, 2018.

CALC_LITH18		
LITH18	Low income threshold, 2018	If HET5 (2019), LITH18= HHS15018*LIMLT18 ; Else, LITH18 = . ;

CALC_LOWINC18		
LOWINC18	Low income status, 2018	If HET5 (2019): If HHINCR6 in(DK, REF, or SK), LOWINC18=. ; Else if 0 LE HHINLOR6 LE LITH18 LE HHINHIR6, LOWINC18 = 1 ; Else if 0 LT HHINHIR6 LE LITH18, LOWINC18 = 1 ; Else if HHINLOR6 GT LITH18 GT 0, LOWINC18 = 0 ; Else, LOWINC18 = . ; If data collection year NE 2019, LOWINC18 = . ;

CALC_LOWINC_DCC		
LOWINC_DCC	Low income status	LOWINC_DCC = LOWINC18

CALC_HETDEFR5.		
HETDEFR5	Met HET definition	If R has a low income (LOWINC18=1) & is male or female (GENDER=1 or GENDER=2) & did not inject in past 12m (LINJ12=0 OR EVRINJ=0) & did not have male-male sex in past 12m ((GENDER=2) or (M_MEVER=0 or M_MSX12=0)) & had an opposite sex partner in past 12m (M_FHET=1 or F_MHET=1), R meets the HET definition (HETDEFR5=1). Else, R does not meet the HET definition (HETDEFR5=0).

CALC_HETDEF_DCC		
HETDEF_DCC	HET Definition for DCC portal	HETDEF_DCC = HETDEFR5

HET Recruiter

CALC_HET_RCTRR5.		
HET_RCTRR5	Eligible: HET RDS Recruiter	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 (HETDEFR5=1), R selected to receive coupons (HET_RCTRR5=1). Else, R is not to receive coupons (HET_RCTRR5=0). If R IS a seed: (ISEED EQ 1): If R has never injected (EVRINJ=0) & never had male-male sex ((GENDER=2) or (M_MEVER=0)) & data are valid (VALIDITY=1 OR VALIDITY=2) & complete

	(COMPLETE=1) and R met the HET definition (HETDEFR5=1), R selected to receive coupons (HET_RCTRR5=1). Else, R is not to receive coupons (HET_RCTRR5=0).

CALC_HET_RCTR_DCC		
HET_RCTR_DCC	HET Recruiter for DCC portal	HET_RCTR_DCC = HET_RCTRR5

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_RCTRR5 EQ 1), DISPLAY: "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_RCTRR5 EQ 0), DISPLAY: "The computer did NOT select this respondent to recruit others and receive coupons."

Check_INTRO_END6a.	Go to Check_END6a.

INTRO_END6a.	DISPLAY: "READ: Thank you for answering these questions. Unfortunately, the computer has not selected you to participate in the health survey. Thank you again for your time."

Check_END6a.	If MSM cycle (CYCLE EQ 1) and interview conducted remotely, (IE3c EQ 1) go to END6a. Else, go to Check_END9.

Interview Mode, Evaluation

END6a.	**INTERVIEWER: Did you use video to administer this interview?**	
INTVIDEO	Used video for interview	
	No	0
	Yes	1

Check_END6b.	If interview conducted by video (END6a EQ 1) go to END6b. Else, go to END7.

END6b.	**INTERVIEWER: During this interview, for about how much of the time were you able to see the participant?**	
VIDEOSEE	Able to see participant during interview	
	All of the time	3
	Most of the time	2
	Some of the time	1
	None of the time.....	0

END6c.	**INTERVIEWER: During this interview, did you share your screen with the participant for them to view the flashcards?**	
FLASHSEE	Used screen share for flashcards	
	No	0
	Yes	1

END7. **INTERVIEWER: Did you experience any technical difficulties during this interview?**

TECHDIFF	Technical difficulties	
	No	0
	Yes	1

Check_END8.	If experienced technical difficulties during the interview (END7 EQ 1), go to END8. Else, go to Check_END9.

END8.	**Specify technical difficulties experienced**
SPECTECH	Technical difficulties text

__ __ __ __ __ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __
__ __ __ __ __ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __
__ __ __ __ __ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __ __ __ __ ____ __ __ __ ____ __ __ __ ____ __

{text response; max length = 1000 characters}

Check_END9.	If R did not consent to interview (CN1 EQ 0), go to END12. Else, go to END9.

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}

Check_CALC_END.	If R did not consent to interview (CN1 EQ 0), go to END12. Else, go to CALC_END.

CALC_END.		
END	Interview end time	END = Current time

CALC_EDATE.		
EDATE	End date	EDATE = Today's date

CALC_INTTIME.		
INTTIME	Elapsed interview/data entry time	INTTIME = Elapsed interview/data entry time

Check_END11.	If MSM cycle & R not eligible (CYCLE EQ 1 & EL_MSM EQ 0), go to END12. If IDU cycle & R not eligible (CYCLE EQ 2 & EL_IDU EQ 0), go to END12.

If HET cycle & R not eligible (CYCLE EQ 3 & EL_HET EQ 0), go to END12.
Else, go to END11.

END11. **INTERVIEWER: Do you want to proceed to the local survey?**
LOCSURV Proceed to local survey

No	0
Yes	1

Check_END12. If Interviewer wants to proceed to local survey & English interview (END11 EQ 1 & LANGUAGE EQ 1), open ENGLISH LOCAL FILE.
If Interviewer wants to proceed to local survey & Spanish interview (END11 EQ 1 & LANGUAGE EQ 2), open SPANISH LOCAL FILE.
Else, go to END12.

END12. **INTERVIEWER: Do you want to end this survey?**
ENDSURV End survey

No	0
Yes	1

Check_ENDSURVEY. If Interviewer does not want to end survey (END12 EQ 0), go back to END9.
Else, end interview.

NHBS ROUND 6 QUESTIONNAIRE

FLASHCARDS & CALENDARS

Flashcard A

FLASHCARD A

- American Indian or Alaska Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White

Flashcard B

FLASHCARD B

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

Flashcard C

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

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

FLASHCARD E

	MONTHLY Income	***OR***		**YEARLY 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

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

FLASHCARD G

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

Flashcard H

FLASHCARD H

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

Flashcard I

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 J

FLASHCARD J

Female Sex Partners

Main partner:
A woman you have sex with and who you feel committed to above anyone else. This is a partner you would call your girlfriend, wife, significant other, or life partner.

Casual partner:
A woman you have sex with but do not feel committed to or don't know very well.

Flashcard K

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 L

FLASHCARD L

Male Sex Partners

Main partner:
A man you have sex with and who you feel committed to above anyone else. This is a partner you would call your boyfriend, husband, significant other, or life partner.

Casual partner:
A man you have sex with but do not feel committed to or don't know very well.

Flashcard M

FLASHCARD M

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

Flashcard N

FLASHCARD N

Main sex partner:
Someone you feel committed to above anyone else.

Casual sex partner:
Someone you do not feel committed to or don't know very well.

Flashcard O

FLASHCARD O

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

Flashcard Q

FLASHCARD Q
FOR USE WITH ALCOHOL QUESTIONS

1 Shot of Liquor
(Whisky, Vodka, Gin, etc.)
1.5 oz.

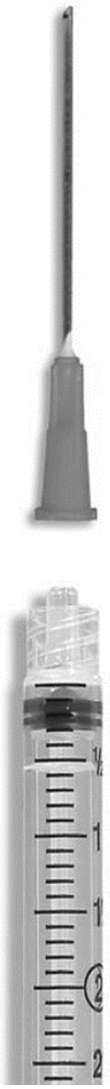
1 Regular Beer
12 oz.

1 Glass of Wine
5 oz.

Flashcard R

FLASHCARD R

Syringe with a needle that can be removed



Flashcard S

FLASHCARD S

- Put it in a medical sharps container
- Threw it away
- Kept it
- Gave it or sold it to someone else
- Took it to a needle or syringe exchange program
- Did something else with it

Flashcard T

FLASHCARD T

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

Flashcard V

FLASHCARD V

- Below the level of detection, undetectable
- Detectable but less than 5,000 viral copies/ml
- 5,000 to 100,000 viral copies/ml
- Greater than 100,000 viral copies/ml

Flashcard W

FLASHCARD W

- Doctor’s office, clinic, or health center
- Hospital
- Jail, prison, or detention center
- Drug or alcohol treatment program
- Needle or syringe exchange program
- Other HIV/AIDS-focused organization
- Some other place

Flashcard X

FLASHCARD X

- 6 months ago or less
- More than 6 months, but less than 1 year ago
- At least one year but less than 5 years ago
- At least 5 years but less than 10 years ago
- 10 years ago or more

Flashcard Y

FLASHCARD Y

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

Flashcard Z

FLASHCARD Z

- HIV/AIDS-focused organization
- Gay, lesbian, bisexual, transgender, or queer organization
- Needle or syringe exchange program
- IDU outreach program
- Doctor's office, health center, clinic or hospital
- Drug or alcohol treatment center
- Bar, club, bookstore, or other business
- Other community organization
- Some other place

Flashcard AA

FLASHCARD AA

- Needle or syringe exchange program
- Someone who got them from a needle exchange
- Pharmacy or drug store
- Doctor’s office, clinic, or hospital
- HIV/AIDS-focused organization
- Some other place

Flashcard BB

FLASHCARD BB

- Prescription from a health care provider
- Directly from a health care provider or clinic
- A friend or relative
- A person you have sex with
- A person you use drugs with
- Some other source

CALENDAR: 2020

2020 CALENDAR

2019

January '19

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

February '19

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

March '19

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

April '19

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21	22	23	24	25	26	27
28	29	30				

May '19

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

June '19

S	M	T	W	T	F	S
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23	24	25	26	27	28	29
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July '19

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28	29	30	31			

August '19

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25	26	27	28	29	30	31

September '19

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October '19

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November '19

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December '19

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2020

January '20

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February '20

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March '20

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April '20

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May '20

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June '20

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July '20

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August '20

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September '20

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October '20

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November '20

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December '20

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CALENDAR: 2021

2021 CALENDAR

2020

January '20						
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February '20						
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March '20						
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April '20						
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May '20						
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June '20						
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July '20						
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August '20						
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September '20						
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October '20						
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November '20						
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December '20						
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2021

January '21						
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February '21						
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March '21						
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April '21						
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May '21						
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June '21						
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July '21						
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August '21						
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September '21						
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October '21						
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November '21						
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December '21						
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19	20	21	22	23	24	25
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CALENDAR: 2022

2022 CALENDAR

2021

January '21

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17	18	19	20	21	22	23
24	25	26	27	28	29	30
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February '21

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21	22	23	24	25	26	27
28						

March '21

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7	8	9	10	11	12	13
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21	22	23	24	25	26	27
28	29	30	31			

April '21

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25	26	27	28	29	30	

May '21

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23	24	25	26	27	28	29
30	31					

June '21

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20	21	22	23	24	25	26
27	28	29	30			

July '21

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

August '21

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

September '21

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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

October '21

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3	4	5	6	7	8	9
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17	18	19	20	21	22	23
24	25	26	27	28	29	30

November '21

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

December '21

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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

2022

January '22

S	M	T	W	T	F	S
						1
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February '22

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6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

March '22

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6	7	8	9	10	11	12
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20	21	22	23	24	25	26
27	28	29	30	31		

April '22

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

May '22

S	M	T	W	T	F	S
1	2	3	4	5	6	7
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June '22

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

July '22

S	M	T	W	T	F	S
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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

August '22

S	M	T	W	T	F	S
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14	15	16	17	18	19	20
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28	29	30	31			

September '22

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

October '22

S	M	T	W	T	F	S
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23	24	25	26	27	28	29
30	31					

November '22

S	M	T	W	T	F	S
		1	2	3	4	5
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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December '22

S	M	T	W	T	F	S
				1	2	3
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NHBS Round 6 Measure References

The measures in the following table were adopted or adapted from sources external to the CDC's Division of HIV Prevention. Measures that were adapted from the original source are listed as "Adapted from;" other 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.

Topic	Measure	Variable(s)	Source and citation
Participant Demographic Characteristics			
Ethnicity	Ethnicity, 2011 DHHS data standard	HISPANIC; HSPTYPA; HSPTYPB; HSPTYPC; HSPTYPD; HSPTYPE	Office of Minority Health. Data Collection Standards for Race, Ethnicity, Sex, Primary Language, and Disability Status. US Department of Health and Human Services website. https://minorityhealth.hhs.gov/omh/browse.aspx?lvl=2&lvlid=23. Accessed December 14, 2016.
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. https://minorityhealth.hhs.gov/omh/browse.aspx?lvl=2&lvlid=23. Accessed December 14, 2016.
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. https://minorityhealth.hhs.gov/omh/browse.aspx?lvl=2&lvlid=23. Accessed December 14, 2016.
Language spoken	Language, 2011 DHHS data standard	SPKOTLN	Office of Minority Health. Data Collection Standards for Race, Ethnicity, Sex, Primary Language, and Disability Status. US Department of Health and Human Services website. https://minorityhealth.hhs.gov/omh/browse.aspx?lvl=2&lvlid=23. Accessed December 14, 2016.
General Health Care			
General health care access	Usual source of care	SRCCAREA; SRCCAREB; SRCLOC	Adapted from: Centers for Disease Control and Prevention (CDC). National Center for Health Statistics (NCHS). National Health and Nutrition Examination Survey Questionnaire. Hyattsville, MD: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2007-2008. Available at: https://www.cdc.gov/Nchs/Nhanes/index.htm. Accessed December 14, 2016.
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 December 14, 2016.

Topic	Measure	Variable(s)	Source and citation
Sexual Behavior			
Partner ART use	Partner ART use, last sex	LPARTDS; LPONART	Adapted from measure in the Element study baseline instrument. PIs: Patrick Sullivan (pssulli@emory.edu) and Eli Rosenberg (erosenberg2@albany.edu). NIH grant # 1R01DA038196.
Alcohol Use			
Current alcohol use	Had 1+ alcoholic drinks, 30d	ALC30D	Adapted from: Centers for Disease Control and Prevention (CDC). Behavioral Risk Factor Surveillance System Questionnaire. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2013]. Available at: https://www.cdc.gov/brfss/questionnaires/index.htm . Accessed December 14, 2016.
Alcohol use intensity	Maximum # drinks, 30d	ALCLG30D	Adapted from: Centers for Disease Control and Prevention (CDC). Behavioral Risk Factor Surveillance System Questionnaire. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2013]. Available at: https://www.cdc.gov/brfss/questionnaires/index.htm . Accessed December 14, 2016.
Binge drinking	Had 5+ alcoholic drinks, 30d; Had 4+ alcoholic drinks, 30d	ALC530D; ALC430D	Centers for Disease Control and Prevention (CDC). National Center for Health Statistics (NCHS). National Health and Nutrition Examination Survey Questionnaire. Hyattsville, MD: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2013-2014. Available at: https://www.cdc.gov/Nchs/Nhanes/index.htm. Accessed December 14, 2016.
Injection Drug Use			
Disposition of used needles	Disposition of used needles	NDLEDSPA; NDLEDSPB; NDLEDSPC; NDLEDSPD; NDLEDSPE; NDLEDSPF	Adapted from: Tookes HE, Kral AH, Wenger LD, et al. A comparison of syringe disposal practices among injection drug users in a city with versus a city without needle and syringe programs. *Drug Alcohol Depend* 2012; 123(1-3):255-9. and Coffin PO, Latka MH, Latkin C, et al;, INSPIRE Study Group. Safe syringe disposal is related to safe syringe access among HIV-positive injection drug users. *AIDS Behav* 2007; 11(5):652-62.
Injection equipment sharing, frequency	Syringe sharing, relative frequency, 12m, distributive	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
High dead space syringe use	High dead space syringe use, 12m, (y/n); High dead space syringe use, 12m, frequency	INJREM; INJREMFR	Adapted from Dallas local NHBS surveys, in consultation with Dr. William Zule. Zule WA, Bobashev G. High dead-space syringes and the risk of HIV and HCV infection among injecting drug users. *Drug Alcohol Depend* 2009; 100(3):204-213. Contact information for local NHBS surveys available at: http://www.cdc.gov/hiv/statistics/systems/nhbs/contacts.html.
HIV Testing and Care			
Linkage to HIV care	Referred to HIV care within 30 days of first positive HIV test	TLDCARE	Adapted from: Centers for Disease Control and Prevention (CDC). Case-Surveillance-Based-Sampling Questionnaire for the Medical Monitoring Project. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2012-2013].
Viral load testing	Viral load test, ever; Viral load, last test date; Viral load, last test result	EVRVLTST; RCVLTST; VRLTRSLT	Adapted from: Centers for Disease Control and Prevention (CDC). Medical Monitoring Project Standard Questionnaire. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2012].
Other Health Conditions			
Disability	Disability status, 2011 DHHS data standard	DISDEAF; DISBLND; DISCOGN; DISWALK; DISCARE; DISERND	Office of Minority Health. Data Collection Standards for Race, Ethnicity, Sex, Primary Language, and Disability Status. US Department of Health and Human Services website. https://minorityhealth.hhs.gov/omh/browse.aspx?lvl=2&lvlid=23 . Accessed December 14, 2016.
STD Diagnosis	Genital herpes diagnosis, ever; Genital warts diagnosis, ever	EVRHERP; EVRGWAR	Adapted from: Centers for Disease Control and Prevention (CDC). National Center for Health Statistics (NCHS). National Health and Nutrition Examination Survey Questionnaire. Hyattsville, MD: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 20137-2014. Available at: https://www.cdc.gov/Nchs/Nhanes/index.htm. Accessed December 14, 2016.
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. *Arch Gen Psychiatry* 2003; 60: 184-189.

Topic	Measure	Variable(s)	Source and citation
Prevention Activities			
PrEP and PEP	PrEP sources, 12m	PRPSRCA; PRPSRCB; PRPSRCC; PRPSRCD; PRPSRCE; PRPSRCF	Adapted from measure in the Element study baseline instrument. PIs: Patrick Sullivan (pssulli@emory.edu) and Eli Rosenberg (erosenberg2@albany.edu). NIH grant # 1R01DA038196.
PrEP and PEP	PrEP use, frequency, 12m	PRPFX12M	Adapted from measure in the Element study baseline instrument. PIs: Patrick Sullivan (pssulli@emory.edu) and Eli Rosenberg (erosenberg2@albany.edu). NIH grant # 1R01DA038196.
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. *AIDS Behav* 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. *J Health Psychol* 1997; 2(3): 335-351.
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].