

NHBS IDU4-HET4 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	Alcohol & drug treatment	
	13	HT	HIV testing & care	Perceived HIV stigma
	14	HC	Health conditions (STIs, hepatitis, mental health, disability)	
	15	JT	Justice system experiences & testing	
	16	PA	Prevention activities	Perceived HIV risk; Sexual 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 <u>not</u> to be read to R. May be triggered by an edit check. Distinct from Interviewer Instruction.

Term	Prefix / format	Definition
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 <u>not</u> 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.
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 IDU4-HET4 QUESTIONNAIRE

PRE-SET AND CALCULATED VARIABLES

Variables with pre-set values

ROUND	NHBS Round ROUND = "NHBS Round 4"
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-MSM4 - ENGLISH, V1, [BUILD DATE]'. If CYCLE=1 & LANGUAGE=2, VERSION = 'NHBS-MSM4 - SPANISH, V1, [BUILD DATE]' If CYCLE=2 & LANGUAGE=1, VERSION='NHBS-IDU4 - ENGLISH, V1, [BUILD DATE]' If CYCLE=2 & LANGUAGE=2, VERSION = 'NHBS-IDU4 - SPANISH, V1, [BUILD DATE]' If CYCLE=3 & LANGUAGE=1, VERSION='NHBS-HET4 - ENGLISH, V1, [BUILD DATE]' If CYCLE=3 & LANGUAGE=2, VERSION = 'NHBS-HET4 - SPANISH, V1, [BUILD DATE]'
IDATE	Interview date IDATE = Today's date {system date on device}
IDATED	Interview date: day IDATED = substring(IDATE,3,2)
IDATEM	Interview date: Month IDATEM = substring(idate,0,2)
IDATEMN	Interview date: Numeric month IDATEMN = if(idatem="01", 01, if(idatem="02", 02, if(idatem="03", 03, if(idatem="04", 04, if(idatem="05", 05, if(idatem="06", 06, if(idatem="07", 07, if(idatem="08", 08, if(idatem="09", 09, if(idatem="10", 10, if(idatem="11", 11, if(idatem="12", 12, 0))))))))))
IDATEY	Interview date: Year IDATEY = (TRUNCATE(idate/365))+1900
START	Start Time START = Current time {system time on device}
MODE	Mode of administration (HAPI or CAPI) MODE = 3 (CAPI)

DATAFILE	Data file name DATAFILE = Data file name
QYR	Current Questionnaire Year QYR = if ((CYCLE=2), 2015, if ((CYCLE=3), 2016, if ((CYCLE=1), 2014, 0)))
MSM4_IMP	MSM4 data collection start date MSM4_IMP = June 1, 2014
IDU4_IMP	IDU4 data collection start date IDU4_IMP = June 1, 2015
HET4_IMP	HET4 data collection start date HET4_IMP = June 1, 2016

Computed date and duration variables used throughout the interview

IDATE_C	Interview date: Century Month $IDATE_C = (IDATEY - 1900) * 12 + (IDATEMN)$
AGO2Y_C	2 yrs before interview: Century Month $AGO2Y_C = IDATE_C - 24$
AGO12M_C	12 mos before interview: Century Month $AGO12M_C = IDATE_C - 12$
AGO6M_C	6 mos before interview: Century Month $AGO6M_C = IDATE_C - 6$
AGO3M_C	3 mos before interview: Century Month $AGO3M_C = IDATE_C - 3$

NHBS IDU4-HET4 QUESTIONNAIRE

INTERVIEWER ENTERED INFORMATION (IE)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
Preloaded Variables	--	CYCLE	NHBS Cycle
Preloaded Variables	--	VERSION	Questionnaire Version
Preloaded Variables	--	MSM4_IMP	MSM4 data collection start date
Preloaded Variables	--	IDU4_IMP	IDU4 data collection start date
Preloaded Variables	--	HET4_IMP	HET4 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.

HardEdit_INTRO_VERSION. If year of interview date not equal to current questionnaire year (IDATEY NE QYR) or before current cycle implementation date (QYR EQ 2014 & IDATE LT MSM4_IMP or QYR EQ 2015 & IDATE LT IDU4_IMP or QYR EQ 2016 & IDATE LT HET4_IMP), DISPLAY: “**INTERVIEWER:** Today’s date is inconsistent with this questionnaire cycle.” Then, End Survey.
 Else, go to INTRO_VERSION.

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.”

IE1. Interviewer ID:

ICODE Interviewer ID

Range.....1-99.....

IE2. 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.....
Nassau-Suffolk, NY.....13.....
Newark, NJ.....14.....
New Orleans, LA.....15.....
New York City, NY.....16.....
Philadelphia, PA.....18.....
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_VBSSeries.

Check_VBSSeries. If MSM cycle (CYCLE EQ 1), go to VBS Recruitment (VBS) Series.
Else, go to RDS Recruitment (RDS) Series.

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

VBS Recruitment (VBS) Series (IE4-HardEdit IE8)

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

PEA Post Event Appointment

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

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

IE5. Venue Code:

VENUE Venue Code

{4 alphanumeric characters}

IE6. Event Number:

VBS_EVNT Event number

Range.....1:999.....

Don't know.....9999.....

Check_IE7. If interview is Post Event Appointment, (IE4 EQ 1), go to IE7.
Else, go to END_IE.

Post Event Appointment

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.....9999.....

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.

IE8. Enter the date of the recruitment event: (If unknown, select "Don't Know".)

PEARDTE PEA recruitment event date

___/___/____ (MM/DD/YYYY)

1900-

Range (Year).....Current.....

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

HardEdit_IE8. If PEA recruitment event date known & after interview date (IE8 NE DK & IE8 GT IDATE), DISPLAY: " **INTERVIEWER:** The date of the recruitment event cannot be after today's date. Please correct on next screen." Then return to IE8.
If PEA recruitment event date known & before MSM cycle implementation date (IE8 NE DK & IE8 LT MSM4_IMP), DISPLAY: " **INTERVIEWER:** The date of the recruitment event cannot be before June 1, [fill with current questionnaire year (QYR)]. Please correct on next screen." Then return to IE8.
Else, go to END_IE.

Universe_RDSSeries. All Rs in IDU & HET Cycle (CYCLE EQ 2 or 3).

RDS Recruitment (RDS) Series (IE9-HardEdit IE10)

IE9. Field Site ID:

FLDSTEID RDS Field site ID

---- {Must be 2 digits}

Range0-99.....

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 IE9conf.

IE9conf. INTERVIEWER: The field site ID that you entered was [fill with value entered for IE9]. Is this correct?

C_SITEID RDS Field Site ID confirmation

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

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

HardEdit_IE9conf. If value entered for IE9 NOT correct (IE9conf EQ 0), DISPLAY: "INTERVIEWER: Please enter the correct field site ID number in the next screen." Then, return to IE9.
Else, go to IE10.

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).

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NHBS IDU4-HET4 QUESTIONNAIRE

ELIGIBILITY SCREENER (ES)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
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. If MSM cycle (CYCLE EQ 1), go to CALC_RDATE.
 Else, go to ES1.

CALC_RDATE.

RDATE 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=PEARDTE

ES1. What is your date of birth?

DOB Date of birth

___/___/____ (MM/DD/YYYY)

Range (Year)1900:Current

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.

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

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.....

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.

ES3a. [READ choices. CHECK ALL that apply.]

HSPTYP Hispanic Ancestry (number reported)

HSPTYP A Mexican

HSPTYP B Puerto Rican

HSPTYP C Cuban

HSPTYP D Dominican

HSPTYP E 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_ATL1. 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 13, go to ES5_NAU. If IE2 EQ 14 & CYCLE EQ MSM, go to ES5_NEW_M. If IE2 EQ 14 & CYCLE EQ IDU OR CYCLE EQ HET, go to ES5_NEW. If IE2 EQ 15, go to ES5_NOL. If IE2 EQ 16, go to ES5_NYC. If IE2 EQ 18, go to ES5_PHL. If IE2 EQ 21, go to ES5_SDG. If IE2 EQ 22, go to ES5_SFO. If IE2 EQ 23, go to ES5_SJN1. If IE2 EQ 24, go to ES5_SEA. If IE2 EQ 25, go to ES5_WDC.
---------------------------------	--

County of Residence

What county do you currently live in?

ES5_ATL1. [DO NOT read choices.]

ATLCTY Eligibility, Atlanta county of residence

- Barrow, Bartow, or Butts County.....1.....
- 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, Heard, or Henry County.....16.....
- Jasper County.....19.....
- Lamar County.....20.....
- Meriwether County.....21.....
- Newton County.....22.....
- Paulding, Pickens, or Pike County.....23.....
- Rockdale County.....26.....
- Spalding County.....27.....
- Walton County.....28.....
- Other.....88.....
- Don't Know.....999.....

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

Check_ES5_ATL2. If R lives in Barrow, Bartow, Butts, Haralson, Heard, Henry, Paulding, Pickens, or Pike counties (ES5_ATL1 EQ 1, 16 or 23), go to ES5_ATL2.
Else, go to CALC_ATLEL.

INTERVIEWER: Please indicate which of the following counties the respondent lives in. If the respondent does not live in one of these counties, return to prior screen and correct the county entered.

ES5_ATL2. [DO NOT read choices.]

ATLCTYA

Atlanta Counties live in

- Barrow County.....1.....
- Bartow County.....2.....
- Butts County.....3.....
- Haralson County.....16.....
- Heard County.....17.....
- Henry County.....18.....
- Paulding County.....23.....
- Pickens County.....24.....
- Pike County.....25.....

CALC_ATLEL.

ATLEL = if ((ATLCTY=1 OR ATLCTY=4 OR ATLCTY=5 OR ATLCTY=6 OR ATLCTY=7 OR ATLCTY=8 OR ATLCTY=9 OR ATLCTY=10 OR ATLCTY=11 OR ATLCTY=12 OR ATLCTY=13 OR ATLCTY=14 OR ATLCTY=15 OR ATLCTY=16 OR ATLCTY=19 OR ATLCTY=20 OR ATLCTY=21 OR ATLCTY=22 OR ATLCTY=23 OR ATLCTY=26 OR ATLCTY=27 OR ATLCTY=28), 1,0)

ATLEL

Eligible county resident: ATL

Check_ES5_BLT.

Go to CALC_E_CITY.

What county do you currently live in?

ES5_BLT.

[DO NOT read choices.]

BLTCTY

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_BLTEL.

BLTEL

Eligible county resident: BLT

BLTEL = if ((BLTCTY=1 OR BLTCTY=2 OR BLTCTY=3 OR BLTCTY=4 OR BLTCTY=5 OR
 BLTCTY=6 OR BLTCTY=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.]

BOSCTY

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_BSTEL.

BSTEL = if ((BOSCTY=1 OR BOSCTY=2 OR BOSCTY=7 OR BOSCTY=8 OR BOSCTY=10 OR BOSCTY=12 OR BOSCTY=14 OR BOSCTY=15 OR BOSCTY=17 OR BOSCTY=18 OR BOSCTY=20 OR BOSCTY=21 OR BOSCTY=26 OR BOSCTY=28 OR BOSCTY=29 OR BOSCTY=30 OR BOSCTY=31 OR BOSCTY=37 OR BOSCTY=38 OR BOSCTY=39 OR BOSCTY=40 OR BOSCTY=41 OR BOSCTY=42), 1,0)

BSTEL Eligible county resident: BOS

Check_ES5_CHI. Go to CALC_E_CITY.

What county do you currently live in?

ES5_CHI. [DO NOT read choices.]

CHICTY Eligibility, Chicago county of residence

Cook County.....1.....

DeKalb County.....	2.....
DuPage County.....	3.....
Grundy County.....	4.....
Kane County.....	5.....
Kendall County.....	6.....
McHenry County.....	7.....
Will County.....	8.....
Other.....	.88.....
Don't Know.....	999.....
Refuse to Answer.....	777.....

CALC_CHIEL.

CHIEL

Eligible county resident: CHI

CHIEL = if ((CHICTY=1 OR CHICTY=2 OR CHICTY=3 OR CHICTY=4 OR CHICTY=5 OR CHICTY=6 OR CHICTY=7 OR CHICTY=8), 1,0)

Check_ES5_DAL.

Go to CALC_E_CITY.

What county do you currently live in?

ES5_DAL.

[DO NOT read choices.]

DALCTY

Eligibility, Dallas county of residence

Collin County.....	1.....
Dallas County.....	2.....
Delta County.....	3.....
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_DALEL.

DALEL Eligible county resident: DAL DALEL = if ((DALCTY=1 OR DALCTY=2 OR DALCTY=3 OR DALCTY=4 OR DALCTY=5 OR DALCTY=6 OR DALCTY=7 OR DALCTY=8), 1,0)

Check_ES5_DEN.

Go to CALC_E_CITY.

What county do you currently live in?

ES5_DEN. [DO NOT read choices.]

DENCTY 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_DENEL.

DENEL Eligible county resident: DEN DENEL = if ((DENCTY=1 OR DENCTY=2 OR DENCTY=3 OR DENCTY=4 OR DENCTY=5 OR DENCTY=6 OR DENCTY=7 OR DENCTY=8 OR DENCTY=9 OR DENCTY=10), 1,0)

Check_ES5_DET. Go to CALC_E_CITY.

What county do you currently live in?

ES5_DET. [DO NOT read choices.]

DETCTY Eligibility, Detroit county of residence

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

CALC_DETEL.
DETEL Eligible county resident: DET DETEL = if ((DETCTY=1 OR DETCTY=2), 1,0)

Check_ES5_HOU. Go to CALC_E_CITY.

What county do you currently live in?

ES5_HOU. [DO NOT read choices.]

HOUCTY 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.....
- San Jacinto County.....9.....
- Waller County.....10.....

Other.....88.....
Don't Know.....999.....
Refuse to Answer.....777.....

CALC_HOUEL.

HOUEL = if ((HOUCTY=1 OR HOUCTY=2 OR HOUCTY=3 OR HOUCTY=4 OR
HOUCTY=5 OR HOUCTY=6 OR HOUCTY=7 OR HOUCTY=8 OR HOUCTY=9 OR
HOUCTY=10), 1,0)
HOUEL Eligible county resident: HOU

Check_ES5_LAX. Go to CALC_E_CITY.

What county do you currently live in?

ES5_LAX. [DO NOT read choices.]
LAXCTY Eligibility, Los Angeles county of residence
Los Angeles County.....1.....
Other.....88.....
Don't Know.....999.....
Refuse to Answer.....777.....

CALC_LAXEL.
LAXEL Eligible county resident: LAX LAXEL = if ((LAXCTY=1), 1,0)

Check_ES5_MIA. Go to CALC_E_CITY.

What county do you currently live in?

ES5_MIA. [DO NOT read choices.]
MIACTY Eligibility, Miami county of residence
Miami-Dade County.....1.....
Other.....88.....

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

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

CALC_MIAEL.

MIAEL Eligible county resident: MIA MIAEL = if ((MIACTY=1), 1,0)

Check_ES5_NAU. Go to CALC_E_CITY.

What county do you currently live in?

ES5_NAU. [DO NOT read choices.]

NAUCTY Eligibility, Nassau county of residence

Nassau County.....1.....

Suffolk County.....2.....

Other.....88.....

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

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

CALC_NAUEL.

NAUEL Eligible county resident: NAU NAUEL = if ((NAUCTY=1 OR NAUCTY=2), 1,0)

Check_ES5_NEW_M. Go to CALC_E_CITY.

What county do you currently live in?

ES5_NEW_M. [DO NOT read choices.]

NEWCTY_M Eligibility, Newark county of residence

Essex County, NJ.....1.....

Hunterdon County, NJ.....2.....

Hudson County, NJ.....3.....

Morris County, NJ.....4.....

Sussex County, NJ.....5.....
 Union County, NJ.....6.....
 Pike County, PA.....7.....
 Other.....88.....
 Don't Know.....999.....
 Refuse to Answer.....777.....

Check_ES5_NEW. Go to CALC_NEWEL.

What county do you currently live in?

ES5_NEW. [DO NOT read choices.]

NEWCTY Eligibility, Newark county of residence

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

CALC_NEWEL.

IF CYCLE EQ 1 (MSM):
 NEWEL = if ((NEWCTY_M=1 OR NEWCTY_M=2 OR NEWCTY_M=3 OR
 NEWCTY_M=4 OR NEWCTY_M=5 OR NEWCTY_M=6 OR NEWCTY_M=7), 1,0)

IF CYCLE=2 (IDU) or CYCLE=3 (HET):
 NEWEL = if ((NEWCTY=1 OR NEWCTY=2 OR NEWCTY=4 OR NEWCTY=5 OR
 NEWCTY=6 OR NEWCTY=7), 1,0)

NEWEL Eligible county resident: NEW

Check_ES5_NOL. Go to CALC_E_CITY.

What parish do you currently live in?

ES5_NOL. [DO NOT read choices.]

NOLCTY Eligibility, New Orleans parish of residence

- Jefferson Parish.....1.....
- Orleans Parish.....2.....
- Plaquemines Parish.....3.....
- St. Bernard Parish.....4.....
- St. Charles Parish.....5.....
- St. John the Baptist Parish.....6.....
- St. Tammany Parish.....7.....
- Other.....88.....
- Don't Know.....999.....
- Refuse to Answer.....777.....

CALC_NOLEL.

NOLEL

Eligible parish resident: NOL

NOLEL = if ((NOLCTY=1 OR NOLCTY=2 OR NOLCTY=3 OR NOLCTY=4 OR NOLCTY=5 OR NOLCTY=6 OR NOLCTY=7), 1,0)

Check_ES5_NYC.

Go to CALC_E_CITY.

What county do you currently live in?

ES5_NYC. [DO NOT read choices.]

NYCCTY Eligibility, New York City county of residence

- Bronx County, NY.....1.....
- Kings County, NY.....2.....
- New York County, NY.....3.....

Putnam County, NY.....	4.....
Queens County, NY.....	5.....
Richmond County, NY.....	6.....
Rockland County, NY.....	7.....
Westchester County, NY.....	8.....
Bergen County, NJ.....	9.....
Hudson County, NJ.....	10.....
Passaic County, NJ.....	11.....
Other.....	.88.....
Don't Know.....	999.....
Refuse to Answer.....	777.....

CALC_NYCEL.

NYCEL Eligible county resident: NYC
 NYCEL = if ((NYCCTY=1 OR NYCCTY=2 OR NYCCTY=3 OR NYCCTY=4 OR NYCCTY=5 OR NYCCTY=6 OR NYCCTY=7 OR NYCCTY=8 OR NYCCTY=9 OR NYCCTY=10 OR NYCCTY=11), 1,0)

Check_ES5_PHL. Go to CALC_E_CITY.

What county do you currently live in?

ES5_PHL. [DO NOT read choices.]

PHLCTY Eligibility, Philadelphia county of residence

Bucks County.....	1.....
Chester County.....	2.....
Delaware County.....	3.....
Montgomery County.....	4.....
Philadelphia County.....	5.....
Other.....	.88.....
Don't Know.....	999.....

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

CALC_PHELEL.

PHELEL

Eligible county resident: PHL

PHELEL = if ((PHLCTY=1 OR PHLCTY=2 OR PHLCTY=3 OR PHLCTY=4 OR PHLCTY=5), 1,0)

Check_ES5_SDG.

Go to CALC_E_CITY.

What county do you currently live in?

ES5_SDG.

[DO NOT read choices.]

SDGCTY

Eligibility, San Diego county of residence

- San Diego County.....1.....
- Other.....88.....
- Don't Know.....999.....
- Refuse to Answer.....777.....

CALC_SDGEL.

SDGEL

Eligible county resident: SDG

SDGEL = if ((SDGCTY=1), 1,0)

Check_ES5_SFO.

Go to CALC_E_CITY.

What county do you currently live in?

ES5_SFO.

[DO NOT read choices.]

SFOCTY

Eligibility, San Francisco county of residence

- Marin County.....1.....
- San Francisco County.....2.....
- San Mateo County.....3.....
- Other.....88.....

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

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

CALC_SFOEL.

SFOEL Eligible county resident: SFO SFOEL = if ((SFOCTY=1 OR SFOCTY=2 OR SFOCTY=3), 1,0)

Check_ES5_SJN1. Go to CALC_E_CITY.

What municipality (county) do you currently live in?

ES5_SJN1. [DO NOT read choices.]

SJNCTY Eligibility, San Juan county (municipio) of residence

- San Juan.....1.....
- Bayamón.....2.....
- Caguas.....3.....
- Canóvanas.....4.....
- Carolina.....5.....
- Cataño.....6.....
- Guaynabo.....7.....
- Loíza.....8.....
- Toa Alta.....9.....
- Toa Baja.....10.....
- Trujillo Alto.....11.....
- Aguas Buenas, Aibonito or Arecibo.....12.....
- Barceloneta or Barranquitas.....13.....
- Camuy, Cayey or Ciales.....14.....
- Cidra, Comerío or Corozal.....15.....
- Dorado, Florida or Gurabo.....16.....
- Hatillo or Humacao.....17.....
- Juncos or Las Piedras.....18.....

Manatí, Maunabo or Morovis.....	19.....
Naguabo or Naranjito.....	20.....
Orocovis or Quebradillas.....	21.....
Río Grande or San Lorenzo.....	22.....
Vega Alta, Vega Baja or Yabucoa.....	23.....
Other.....	88.....
Don't Know.....	999.....
Refuse to Answer.....	777.....

Check_ES5_SJN2. If R lives in 'other' San Juan municipio or does not report municipio of residence (ES5_SJN1 EQ 88, DK, or REF), go to CALC_SJNEL.
 If single county response entered (ES5_SJN1 EQ 1-11), go to CALC_SJNEL.
 If ES5_SJN1 EQ 12-16, go to ES5_SJN2.
 If ES5_SJN1 EQ 17-23, go to ES5_SJN3.

INTERVIEWER: Please indicate which of the following municipalities the respondent lives in. If the participant does not live in one of these municipalities, arrow back and correct the municipality entered.

ES5_SJN2. [DO NOT read choices.]

SJNCTYA

San Juan Municipalities live in: A

Aguas Buenas.....	1.....
Aibonito.....	2.....
Arecibo.....	3.....
Barceloneta.....	4.....
Barranquitas.....	5.....
Camuy.....	6.....
Cayey.....	7.....
Ciales.....	8.....
Cidra.....	9.....
Comerio.....	10.....
Corozal.....	11.....
Dorado.....	12.....

Florida.....13.....
 Gurabo.....14.....

Check_ES5_SJN3. Go to CALC_SJNEL.

INTERVIEWER: Please indicate which of the following municipalities the respondent lives in. If the participant does not live in one of these municipalities, arrow back and correct the municipality entered.

ES5_SJN3. [DO NOT read choices.]

SJNCTYB San Juan Municipalities live in: B

Hatillo.....1.....
 Humacao.....2.....
 Juncos.....3.....
 Las Piedras.....4.....
 Manatí.....5.....
 Maunabo.....6.....
 Morovis.....7.....
 Naguabo.....8.....
 Naranjito.....9.....
 Orocovis.....10.....
 Quebradillas.....11.....
 Río Grande.....12.....
 San Lorenzo.....13.....
 Vega Alta.....14.....
 Vega Baja.....15.....
 Yabucoa.....16.....

CALC_SJNEL.

SJNEL	Eligible municipality resident: SJN	SJNEL = if ((SJNCTY=1 OR SJNCTY=2 OR SJNCTY=3 OR SJNCTY=4 OR SJNCTY=5 OR SJNCTY=6 OR SJNCTY=7 OR SJNCTY=8 OR SJNCTY=9 OR SJNCTY=10 OR SJNCTY=11 OR SJNCTY=12 OR SJNCTY=13 OR SJNCTY=14 OR SJNCTY=15 OR SJNCTY=16 OR SJNCTY=17 OR SJNCTY=18 OR SJNCTY=19 OR SJNCTY=20 OR SJNCTY=21 OR
-------	--	--

SJNCTY=22 OR SJNCTY=23), 1,0)

Check_ES5_SEA. Go to CALC_E_CITY.

What county do you currently live in?

ES5_SEA. [DO NOT read choices.]

SEACTY Eligibility, Seattle county of residence

- King County.....1.....
- Snohomish County.....2.....
- Other.....88.....
- Don't Know.....999.....
- Refuse to Answer.....777.....

CALC_SEAEL.

SEAEL Eligible county resident: SEA SEAEL = if ((SEACTY=1 OR SEACTY=2), 1, 0)

Check_ES5_WDC. Go to CALC_E_CITY.

What county do you currently live in?

ES5_WDC. [DO NOT read choices.]

WDCCTY 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.....
Fairfax County, VA.....	13.....
Fauquier County, VA.....	14.....
Loudoun County, VA.....	15.....
Prince William County, VA.....	16.....
Spotsylvania County, VA.....	17.....
Stafford County, VA.....	18.....
Warren County, VA.....	19.....
Jefferson County, WV.....	20.....
Other.....	88.....
Don't Know.....	999.....
Refuse to Answer.....	777.....

CALC_WDCEL.

WDCEL = if ((WDCCTY=1 OR WDCCTY=2 OR WDCCTY=3 OR WDCCTY=4 OR WDCCTY=5 OR WDCCTY=6 OR WDCCTY=7 OR WDCCTY=8 OR WDCCTY=9 OR WDCCTY=10 OR WDCCTY=11 OR WDCCTY=12 OR WDCCTY=13 OR WDCCTY=14 OR WDCCTY=15 OR WDCCTY=16 OR WDCCTY=17 OR WDCCTY=18 OR WDCCTY=19 OR WDCCTY=20), 1,0)

WDCEL Eligible county resident: WDC

CALC_E_CITY.

E_CITY = if ((ATLEL=1 or BLTEL=1 or BSTEL=1 or CHIEL=1 or DALEL=1 or DENEL=1 or DETEL=1 or HOUEL=1 or MIAEL=1 or LAXEL=1 or NAUEL=1 or NEWEL=1 or NOLEL=1 or NYCEL=1 or PHLEL=1 or SDGEL=1 or SFOEL=1 or SJNEL=1 or SEael=1 or WDCEL=1),1,0)

E_CITY Eligible city resident

Check_ES5spec. If R is resident of 'other' county (ES5_ATL1 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_MIA. EQ 88 or ES5_NAU. EQ 88 or ES5_NEW_M. EQ 88 or ES5_NEW. EQ 88 or ES5_NOL. EQ 88 or ES5_NYC. EQ 88 or ES5_PHL. EQ 88 or ES5_SDG. EQ 88 or ES5_SFO. EQ 88 or ES5_SJN1. 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}

MSA Residence calculation

Check_ES6. If MSM cycle (CYCLE EQ 1), go to ES8.
If IDU cycle (CYCLE EQ 2), go to ES9.
If HET cycle (CYCLE EQ 3), go to ES6.

NHBS-HET Zip code & HRA Residence

ES6. What zip code do you live in?

ZIP_HET HET Zip code

Range00500..99501.....

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

Refuse to Answer.....77777.....

HardEdit_ES6. If ES6 LT 5 digits long, DISPLAY: "INTERVIEWER: The ZIP code you entered was [fill with response to ES6]. This number should be 5 digits long. Please re-enter the zip code." Then, go back to ES6.
Else, go to ES7.

[INTERVIEWER: SHOW Respondent the MAP.]

Please take a look at this map. Can you point to the area where you live?

ES7. [INTERVIEWER: Enter 6-digit census tract number:]

TRACT HET census tract

Range000100..999998.....

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

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

HardEdit_ES7. If ES7 less than 6 digits long, DISPLAY: **“INTERVIEWER: The census tract that you entered was [fill with response to ES7]. This census tract number should be 6 digits long. Please re-enter the census tract number.”** Then, go back to ES7.
Else, go to Check_ES7a.

Check_ES7a. If R is a seed (IE10 EQ 1), go to ES7a.
Else, go to Check_ES8.

INTERVIEWER: Does participant live in a High Risk Area?

ES7a.

HRA

Lives in an HRA

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

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

Check_ES8. 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 (CYCLE EQ 1), go to ES9a.
 If IDU cycle (CYCLE EQ 2), go to ES10.
 If HET cycle (CYCLE EQ 3), go to Check_INTRO_ES17.

NHBS-MSM Behavioral Eligibility

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

In the past 12 months, how often 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. Was it...

[Give Respondent Flashcard B.]

ES9c. [READ choices.]

VATTEND Venue attendance, 12 months

Never.....	0
More than once a day.....	1
Once a day.....	2
More than once a week.....	3
Once a week.....	4
More than once a month.....	5
Once a month.....	6
Less than once a month.....	7
Don't Know.....	99
Refuse to Answer.....	77

Check_ES10. Go to INTRO_ES18.

NHBS-IDU Behavioral Eligibility

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 ES11 EQ DK, or REF, go to CALC_E_INJ12.
 Else, go to ES11a.

ES11a. [INTERVIEWER: Was this days or months or years? If today, enter "Days".]

E_LINJU IDU ES : When last injected, unit

Days.....0.....
 Months.....1.....
 Years.....2.....

CALC_E_INJ12.

E_INJ12 injected in last 12 months $E_INJ12 = \text{if} ((E_LINJU=0 \text{ and } E_LINJN \leq 365), 1, \text{if} ((E_LINJU=1 \text{ and } E_LINJN \leq 12), 1, \text{if} ((E_LINJU=2 \text{ and } E_LINJN \leq 1), 1, 0)))$

[Give Respondent Flashcard C.]

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

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?

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

ES13. [DO NOT read choices. CHECK ALL that apply.]

E_INJBY Part of body injected

E_INJBYA Fresh track marks

E_INJBYB Needle-sized scabs

E_INJBYC Abscesses

E_INJBYD Old track marks or scars

E_INJBYE Injects in covered area

E_INJBYF No physical signs

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

HardEdit_ES13. If interviewer records both physical signs & 'no physical signs' of injection (E_INJBYA EQ 1 or E_INJBYB EQ 1 or E_INJBYC EQ 1 or E_INJBYD EQ 1 or E_INJBYE EQ 1) & E_INJBYF 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_INJSGN.

CALC_E_INJSGN.

E_INJSGN Eligible: Phy Sign Recent Injection

E_INJSGN = if ((E_INJBYA=1 OR E_INJBYB=1 OR E_INJBYC=1), 1, if ((E_INJBYD=1 OR E_INJBYE=1), 2, 0))

Check_ES14. If R has only non-recent or no physical signs of injection (E_INJSGN 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:

ES14. --Mix drugs with water or lemon juice/vinegar--Use cooker /Heat drugs--Use filter]

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:

ES15. --Tie off and find vein (IVDU)--Clean injection site--Register (IVDU)]

E_HWINJ Eligibility, how is injection done

Description OK.....1.....

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

What type of syringe do you usually inject with?

[INTERVIEWER: Description could include:

ES16. --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_INJSGN=1 OR (E_INJSGN=2 AND E_INJKNW=1),1,0)

Check_HET_Behavioral_Eligibility Go to INTRO_ES18.
.

NHBS-HET Behavioral Eligibility

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.

ES17conf. 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”]? 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.

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

Language Proficiency

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

INTRO_ES20. 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."

ES20a. INTERVIEWER: Is this person a known previous participant?

E_KNWPP

Eligibility: Known previous participant

- No.....0.....
- Yes.....1.....

ES20b. INTERVIEWER: Is this person alert and capable of completing the survey?

E_ALERT

Eligibility: alert

- No.....0.....

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

ES20c. INTERVIEWER: Is this person able to complete the survey in English or Spanish?

E_LANG Eligibility: able to complete in English or Spanish

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

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

HardEdit_ES20c. If interviewer entered that R is able to complete the survey in English or Spanish (ES20c EQ 1) & R reported they do not speak English or Spanish well or at all ((ES18 EQ 3 or 4) & (ES19 EQ 3 or 4), DISPLAY: "**INTERVIEWER:** You indicated that the respondent is able to complete the survey in English or Spanish, but the respondent indicated they do not speak English or Spanish well or at all. Clarify and re-enter response to current or prior item as needed." Then go back to ES20c.

ES20d. INTERVIEWER: Is this person thought to be too young to complete the interview?

E_YOUNG Eligibility: too young

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

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

Check_ES20e. If HET cycle, go to ES20e.
Else, go to Check_CALC_EL.

ES20e. INTERVIEWER: Is this person thought to be too old to complete the interview?

E_OLDER Eligibility: too old

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

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

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 AND E_PART=0 AND E_CITY=1 AND E_KNWPP=0 AND E_ALERT=1 AND E_LANG=1 AND E_YOUNG=0 AND GENDER=1 AND BIRTHSEX=1 AND E_EVRMSM=1),1,0)

CALC_EL_IDU.

EL_IDU

Eligible: IDU cycle

EL_IDU = if((DOB^=.DK AND DOB^=.REF AND AGE>17 AND E_PART=0 AND E_CITY=1 AND E_KNWPP=0 AND E_ALERT=1 AND E_LANG=1 AND E_YOUNG=0 AND E_EVRINJ=1 AND E_INJ12=1 AND E_INJCT=1),1,0)

CALC_EL_HET.

EL_HET

Eligible: HET cycle

EL_HET = IF((DOB^=.DK AND DOB^=.REF AND (GENDER=1 OR GENDER=2) and AGE>17 and AGE<61 AND E_KNWPP=0 AND E_ALERT=1 AND E_LANG=1 AND E_YOUNG=0 AND E_OLDER=0 AND E_CITY=1 AND (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 IDU4-HET4 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

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.....

SoftEdit_CN2. If R consented to HIV test (CN2 EQ 1), go to CN3.
 Else, DISPLAY: "INTERVIEWER: You have documented that the person DID NOT consent to HIV counseling and testing. If Respondent agreed to the HIV test, go back to the previous screen and re-enter the consent for HIV testing." Then, go to END_CN.

CN3. Do you agree to have other lab tests (if offered)?

CONSENTC Consent to other lab tests

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

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

CN4. Do you agree to let us store a sample of your blood for future testing?

CONSENTD Consent to blood storage

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

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

SoftEdit_CN4. If R consented to specimen storage (CN4 EQ 1), go to END_CN.
Else, DISPLAY: "**INTERVIEWER:** You have documented that the person DID NOT consent to storing a sample of blood for future testing. If Respondent agreed to specimen storage, go back to the previous screen and re-enter the consent for blood storage." Then 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.
Else, go to END9.

NHBS IDU4-HET4 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 "30"; if IDU cycle (CYCLE EQ 2), fill with "54"; if HET cycle (CYCLE EQ 3), fill with "39" (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

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."

INTRO_CORE. Then, go to END_CI.

END_CI. Go to Network Section (NS).

NHBS IDU4-HET4 QUESTIONNAIRE

NETWORK SECTION (NS)

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

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

IDU Network Series (INTRO NS1- Check Check INTRO NS3)

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 [fill with project area (city name from IE2)] who inject. 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.

- 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_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_IRELA or NS_IRELB or NS_IRELC or NS_IRELD or NS_IRELE EQ 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. [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_RSTRI 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 [fill with project area (city name from IE2)] who inject and whom you have seen in the past 30 days. Remember, we are only interested in those people you have seen in the past 30 days. I will not ask you questions about any specific person."

NS2a.1. Please tell me how many **males** in [fill with project area (city name from IE2)] you know who inject and whom you have seen in the past 30 days. [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are male."]

NS_IDUMA # male IDUs known: net size

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

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

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

How many females in [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."]

NS2b.1.

NS_IDUFE # female IDUs known: net size

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

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

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

Check_CALC_NSC_IDUM If (NS2a.1 EQ DK or REF) & (NS2b.1 EQ DK or REF), go to CALC_ENDDNS.
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.

You said you don't know anyone in [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?"]

NS2CONFa.

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. **Is there anyone else you know in [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?"]

NS_ILOWS 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. **So in the past 30 days, you've seen [fill with NSC_IDUS] people who you know inject and who live in [fill with project area (city name from IE2)]. Would you say that [fill with NSC_IDUS] people is about right?**

NS_ICHCK 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. **Please tell me how many males in [fill with project area (city name from IE2)] you know who inject and whom you have seen in the past 30 days.** [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the

coupon if they are male.”]

NS_IDUM2 # male IDUs known: net size, 2nd loop
 Range.....0-.7500.....
 Don't Know.....9999.....
 Refuse to Answer.....7777.....

How many females in [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.”]

NS2b.2.

NS_IDUF2 # 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.

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

CALC_NSC_IDUF2.

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

CALC_NSC_IDUS2.

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

NS2c.2. So in the past 30 days, you've seen [fill with NSC_IDUS] people who you know inject and who live in [fill with project area (city name from IE2)]. **Would you say that [fill with NSC_IDUS] people is about right?**

NS_ICHK2 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 [fill with project area (city name from IE2)]. Please remember that your answers will be kept private."

[Give Respondent Flashcard E.]

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_HRELA or NS_HRELB or NS_HRELC or NS_HRELD EQ 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 [fill with project area (city name from IE2)] whom you have seen in the past 30 days. Remember, we are only interested in those people 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 you have seen in the past 30 days, who are at least 18 years old, and live in** [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. How many **female friends, relatives, or people you associate with you have seen in the past 30 days, who are at least 18 years old, and live in** [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."]

NS_HETFE # females known: net size

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

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

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

Check_CALC_NSC_HETM. If (NS4a.1 EQ DK or REF) & (NS4b.1 EQ DK or REF), go to CALC_ENDNS.
Else, go to CALC_NSC_HETM.

CALC_NSC_HETM.

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

CALC_NSC_HETF.

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

CALC_NSC_HETS.

HETs known: calculated net
NSC_HETS 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. **You said you haven't seen anyone in the past 30 days in [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?"]

NS_HZERO 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. **Is there anyone else you know in [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?"]

NS_HLOWS 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_ENDDNS.
If R does know others (NS4CONFb EQ 1), DISPLAY: "INTERVIEWER: Please re-enter the correct network size." Then, go to NS4a.2.

NS4CONFc. So in the past 30 days, you've seen [fill with NSC_HETS] friends, relatives, or people you associate with that live in [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?

NS_HCHCK 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_ENDDNS.

HET Network Size: Second Loop

NS4a.2. 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 [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_HETM2 # males known: net size, 2nd loop

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

NS4b.2. 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 [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."]

NS_HETF2 # females known: net size, 2nd loop

END_NS.

Go to Demographic Section (DM).

NHBS IDU4-HET4 QUESTIONNAIRE

DEMOGRAPHICS (DM)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
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 Check_DM2.

DM1a. Are you currently homeless?

CURHMLSS Currently homeless

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

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

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

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

Check_DM2. If MSM or IDU cycle (CYCLE EQ 1 or 2), go to DM2.
Else, go to DM3.

DM2. What zip code do you live in?

ZIP Zip code

Range.....500-99501.....

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

Refuse to Answer.....77777.....

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

Nativity

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

COUNTRY [DO NOT read choices.]
Country of birth

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

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

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

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

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

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

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

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

DM3spec. INTERVIEWER: Specify other country of birth

SPECBORN Specify country of birth

{text response; max length = 100 characters}

Check_DM3a. If R interviewed in San Juan & born in Mexico, Cuba, or 'other' country (IE2 EQ 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 INTRO_DM3b1.

DM3a. What year did you first come to live in the United States?

YEARUSA Year first came to US

Range.....1900-Current

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 INTRO_DM3b1.

Language

INTRO_DM3b1. DISPLAY: "READ: I may have already asked you a similar question but need to ask everyone this next question."

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.....

Check_DM3b2. If R speaks language other than English at home (DM3b1 EQ 1), go to DM3b2.
Else, go to Check_DM4.

DM3b2. What is this language?

[DO NOT read choices.]

OTHLNG Other language spoken at home

Spanish.....1.....

Chinese.....2.....

Tagalog.....3.....

Korean.....4.....

Portuguese.....5.....

Other.....6.....

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

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

Check_DM3b2spec. If R reported 'other' language spoken at home (DM3b2 EQ 6), go to DM3b2spec.
Else, go to Check_DM4.

DM3b2spec. INTERVIEWER: Specify other language spoken at home:

SPECLNG Specified language spoken at home

{text response; max length = 100 characters}

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.....

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”] last year 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 F.]

[DO NOT read choices.]

HHINCOM

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 or more (M) \$75,000 or more (Y)12.....
- Don't Know.....99.....
- Refuse to Answer.....77.....

Check_DM7a.

If R reported income (DM7 GE 0 & LE 12), go to DM7a.
Else, go to Check_CALC_POVERTY.

DM7a. Including yourself, how many people depended on this income?

[INTERVIEWER: Must be at least 1.]

DEPEND How many people depend on income

— —

Range.....1:76

Don't Know.....99

Refuse to Answer.....77

Check_DM7b. If R has more than 1 dependent on income (DM7a GT 1 & LT 77), go to DM7b.
 Else, go to Check_CALC_POVERTY.

DM7b. Of the people who depended on this income, how many were younger than 18 years old?

DEPLT18Y Number of dependents younger than 18 yrs

— —

Range.....1:76

Don't Know.....99

Refuse to Answer.....77

HardEdit_DM7b. If number of dependents under age 18 GT total number of dependents (DM7b GT DM7a), DISPLAY: "INTERVIEWER:
 The response entered is inconsistent with a prior response (number of total dependents). Clarify and re-enter
 response to current or prior item as needed. Then, go back to DM7a.
 Else, go to Check_CALC_POVERTY.

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

CALC_POVERTY POVERTY	Poverty Status	IF((HHINCOM=.DK or HHINCOM=.REF or HHINCOM=.SK), 9, IF((DEPEND=.DK or DEPEND=.REF or DEPEND=.SK) and (HHINCOM > 2)),9, IF((HHINCOM=0 or HHINCOM=1 or HHINCOM=2)),1, IF((DEPEND=1 AND (HHINCOM>2))),0, IF((DEPEND=2 OR DEPEND=3) AND (HHINCOM>4)),0, IF((DEPEND=4 AND (HHINCOM>5))),0, IF((DEPEND=5 AND (HHINCOM>6))),0, IF((DEPEND=6 OR DEPEND=7) AND (HHINCOM>7)),0, IF((DEPEND=8 AND (HHINCOM>8))),0,
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IF((DEPEND=9 OR DEPEND=10) AND (HHINCOM>9),0,
 IF((DEPEND=11 OR DEPEND=12 OR DEPEND=13) AND(HHINCOM>10),0,
 IF((DEPEND=14 OR DEPEND=15 OR DEPEND=16 OR DEPEND=17) AND
 (HHINCOM>11),0,
 IF((DEPEND>=18 AND (HHINCOM>12)),0,1)))))))))

 Note: Calculation for NHBS HET4 to be updated as needed per 2015 HHS poverty
 guidelines (anticipated publication date: January 2015).

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 G.]

[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

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}

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 ago3.....
Don't Know.....9.....
Refuse to Answer.....7.....

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.....

Sexual identity

DM9. 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 IDU4-HET4 QUESTIONNAIRE

SOCIAL EXPERIENCES (SO)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
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 social experiences 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 Outness - y/n

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

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

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

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

Check_INTRO_SO2a. If R ever disclosed identity (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 Told non-GLB friends

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

SO2b. Family members

OUT_FAM Told family members

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

SO2c. Female partners

OUT_FEM Told female partner

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

SO2d. Health care providers

OUT_HCP Told health care provider

No.....0.....
Yes.....1.....
Don't Know.....9.....

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

MSM Discrimination

INTRO_SO3a. DISPLAY: "READ: During the past 12 months, that is, since [fill with interview month, formatted as text] of last year, have any of the following things happened to you because someone knew or assumed you were attracted to men?"

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

SO3a. You were called names or insulted

DISC_VER Discrimination - Verbal

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

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

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

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

SO3b. You received poorer services than other people in restaurants, stores, other businesses, or agencies

DISC_SVC Discrimination - Poor service

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

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

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

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

SO3c. You were treated unfairly at work or school

DISC_WRK Discrimination - Work/school

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

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

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

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

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

SO3d. You were denied or given lower quality health care

DISC_HC Discrimination - Health care

No.....0.....
Yes.....1.....
Don't Know.....9.....
Refuse to Answer.....7.....
Not Applicable.....8.....

SO3e. You were physically attacked or injured

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 H.]

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 [fill with project area (city name from IE2)] are tolerant of gays and bisexuals. Do you...

SO4. [READ choices.]

TOLRNC 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.....

Internet use

In the past 12 months, how often have you used the internet to meet or socialize with gay men either for friendship or sex? This could include social network websites, such as Facebook, websites directed towards gay men, such as Manhunt or Gay.com, dating websites, or the use of mobile social applications, such as Foursquare or Grindr. Was it...

[Give Respondent Flashcard I.]

SO5. [READ choices.]

M_MWEB M_M Internet usage

At least once a day..... 4

At least once a week but not every day..... 3

At least once a month but not every week..... 2

Less than once a month..... 1

Never..... 0

Don't Know..... 9

Refuse to Answer..... 7

CALC_ENDSO.

ENDSO Time social experiences section ended ENDSO = Current time

END_SO. Go to Sexual behavior section (SX).

NHBS QUESTIONNAIRE - IDU4-HET4

SEXUAL BEHAVIOR (SX)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
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 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 sexual behavior 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 after you have read item as worded, 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).

M F Series: Male Rs - Female Sex Partners (INTRO M FSeries - CALC M FHET)

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 J.]

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 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_FUVAS.

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.....Q-7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX3conf. If HET cycle (CYCLE EQ 3) & R does not report 1 or more female partners (SX3 EQ 0, DK, or REF), 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 Confirmation had sex in past year - HET cycle only

No..... 0

Yes..... 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_FUVAS.
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 K.]”

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 K.]”

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.

M_FMSX

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_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 & LE 7000) & (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 & LE 7000), go to INTRO_SX6a.m.
If no main partners (SX3 EQ 1 & SX4 EQ 2, DK, or REF) or ((SX3 GT 1 & LE 7000) & (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 & LE 7000), 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.

M F: Main Ps - Anal Sex, 12m

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_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 & LE 7000), go to INTRO_SX7a.m.
If R reports no casual partners (SX3 EQ 1 & SX4 EQ 1, DK, or REF) or ((SX3 GT 1 & LE 7000) & (SX5b EQ 0, DK, or REF)) or (SX3 EQ SX5a) , go to CALC_M_FUVAS.

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. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

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. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

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 & LE 7000), 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_INTRO_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.

M F: Casual Ps - Anal Sex, 12m

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 & LE 7000), 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 & LE 7000), 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_FUVAS.

EX - Multiple Casual Partners

SX7e.m. Of your [fill with # casual partners (SX5b)] female casual partners in the past 12 months, how many did you give 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_FUVAS.

CALC_M_FUVAS.

M_FUVAS M_F had UVS or UAS, 12m If male R reported UVS or UAS with 1 or more female partners (M_FM1UVS or M_FMUVS or M_FM1UAS or M_FMUAS or M_FO1UVS or M_FOUVS or M_FO1UAS or M_FOUAS GE 1 & NE DK, REF, or SK), M_FUVAS EQ 1. Else, M_FUVAS EQ 0.

Check_SX8. If M_FUVAS EQ 1, go to SX8.
Else, go to CALC_M_FHET.

M_F: UVAS by partner HIV status, 12m

SX8. In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, did you have vaginal or anal sex without a condom with a woman you knew was HIV negative?

M_FNCHN M_F no condom w/ partner HIV negative
No..... 0
Yes..... 1
Don't Know..... 9
Refuse to Answer..... 7

SX8a. In the past 12 months, did you have vaginal or anal sex without a condom with a woman you knew was HIV-positive?

M_FNCHP M_F no condom w/ partner HIV-positive
No..... 0
Yes..... 1
Don't Know..... 9
Refuse to Answer..... 7

SX8b. In the past 12 months, did you have vaginal or anal sex without a condom with a woman whose HIV status you didn't know?

M_FNCHU M_F no condom w/ partner HIV status unknown

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

CALC_M_FHET.

M_FHET M_F HET sex (Y/N) $M_FHET = IF((M_FSX12=DK \text{ or } M_FSX12=REF), 9, IF((M_FSX12=0), 0, IF((M_FSX12=1), 1, if((M_FSX12>1 \text{ AND } M_FSX12<7001), 1, 0))))$

Check_M_MSeries If HET cycle & R reported 0 opposite-sex partners (M_FHET EQ 0 & CYCLE EQ 3), go to CALC_ENDCORE.
 Else, go to M_MSeries.

Universe_M_MSeries. All male Rs (ES9 EQ 1).

M_MSeries: Male Rs - Male Sex Partners (INTRO_M_MSeries -SX16b)

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 L.]

 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."

M_M: Sex with male Ps, lifetime

Check_SX9. If MSM cycle (CYCLE EQ 1), go to SX10.
 Else, go to SX9.

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 Partner-by-Partner Series (PxPSeries).

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_M_MUAS.
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_M_MUAS.

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 M.]"

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 M.]

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 & LE 7000) & (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 & LE 7000) , go to INTRO_SX14a.m.

If no main partners ((SX11 EQ 1 & SX12 EQ 2, DK, or REF) or ((SX11 GT 1 & LE 7000) & (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 & LE 7000), 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 & LE 7000), go to INTRO_SX15a.m.
If R reports no casual partners ((SX11 EQ 1 & SX12 EQ 1, DK, or REF) or ((SX11 GT 1 & LE 7000) & (SX13b EQ 0, DK, or REF)), or (SX11 EQ SX13a)), go to CALC_M_MUAS.

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 & LE 7000), 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 & LE 7000), go to SX15c.m.
If R reports no male casual partners ((SX11 EQ 1 & SX12 EQ 1, DK, or REF) or ((SX11 GT 1 & LE 7000) & (SX13b EQ 0, DK, or REF)), go to CALC_M_MUAS.

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_M_MUAS

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_M_MUAS.

CALC_M_MUAS.

M_MUAS M_M had UAS, 12m If R reported UAS with 1 or more male partners (M_MM1UAS or M_MMUAS or M_MO1UAS or M_MOUAS GE 1 & NE DK, REF, or SK), M_MUAS EQ 1. Else, M_MUAS EQ 0.

Check_SX16. If M_MUAS EQ 1, go to SX16.
 Else, go to Check_F_MSeries.

M_M: UAS by partner HIV status, 12m

SX16. **In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, did you have anal sex without a condom with a man you knew was HIV negative?**

M_MNCHN M_M no condom w/ partner HIV negative

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

SX16a. **In the past 12 months, did you have anal sex without a condom with a man you knew was HIV-positive?**

M_MNCHP M_M no condom w/ partner HIV-positive

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

SX16b. **In the past 12 months, did you have anal sex without a condom with a man whose HIV status you didn't know?**

M_MNCHU M_M no condom w/ partner HIV status unknown

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_F_MSeries. Go to Partner-by-Partner Series (PxPSeries).

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 J.]”

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 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_MUVAS.

SX18. How old were you the first time you had vaginal or anal 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 does not report 1 or more male partners (SX19 EQ 0, DK, or REF), 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 Confirmation had sex in past year - HET cycle only

No..... 0
Yes..... 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_MUVAS.
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 M.]"

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 M.]"

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 with in 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 & LE 7000) & ((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 & LE 7000), go to INTRO_SX22a.m.

If no main partners (SX19 EQ 1 & SX20 EQ 2, DK, or REF) or ((SX19 GT 1 & LE 7000) & (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 & LE 7000), 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 & LE 7000), 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.

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 & LE 7000), go to INTRO_SX23a.m.
If R reports no casual partners (SX19 EQ 1 & SX20 EQ 1, DK, or REF) or ((SX19 GT 1 & LE 7000) & (SX21b EQ 0, DK, or REF)), or (SX19 EQ SX21a),go to CALC_F_MUVAS.

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_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 & LE 7000), 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_INTRO_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.

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 & LE 7000), 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 a using 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 & LE 7000), 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_MUVAS.

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..... 9
 - Refuse to Answer..... 7

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_MUVAS.

CALC_F_MUVAS.

If R reported UVS or UAS with 1 or more male partners (F_MM1UVS or F_MMUVS or F_MM1UAS or F_MMUAS or F_MO1UVS or F_MCUVS or F_MO1UAS or F_MCUAS GE 1 & NE DK, REF, or SK), F_MUVAS EQ 1.
Else, F_MUVAS EQ 0.

F_MUVAS F_M had UVS or UAS, 12m

Check_SX24. If F_MUVAS EQ 1, go to SX24.
Else, go to INTRO_SX25a.

F M: UVAS by partner HIV status, 12m

SX24. In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, did you have anal or vaginal sex without a condom with a man you knew was HIV negative?

F_MNCHN F_M no condom w/ partner HIV status negative

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

SX24a. In the past 12 months, did you have vaginal or anal sex without a condom with a man you knew was HIV-positive?

F_MNCHP F_M no condom w/ partner HIV-positive

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

SX24b. In the past 12 months, did you have vaginal or anal sex without a condom with a man whose HIV status you did not know?

F_MNCHU F_M No condom w/ partner HIV status unknown

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Hormonal contraceptive use, 12m

INTRO_SX25a. On one screen, DISPLAY: "READ: Now, I'm going to read you a list of products some women use to prevent pregnancy. For each one, please tell me if you have used it at any time during the past 12 months, that is, since [fill with interview month, formatted as text] of [fill with interview year-1].

[Give Respondent Flashcard N.]"

On the next screen, DISPLAY: "In the past 12 months, did you use...
[READ Choices. Check YES or NO for EACH ONE.] "

SX25a. Birth control pills?

HBCPILL	Hormonal BC 12m (Pills)	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

SX25b. Birth control shots, such as Depo Provera® ?

HBCSHOT	Hormonal BC, 12m (Depo)	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

SX25c. Birth control patch, such as OrthoEvra® ?

HBCPAT	Hormonal BC 12m (Patch)	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

SX25d. Birth control ring that you insert once a month, such as NuvaRing® ?

HBCRNG	Hormonal BC, 12m (Ring)	
	No.....	0
	Yes.....	1

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

SX25e. A hormonal implant placed under the skin, such as Implanon™?

HBCIMP

Hormonal BC,12m (Implant)

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

SX25f. A hormonal IUD that lasts for 5 years, such as Mirena®?

HBCIUD

Hormonal BC, 12m (IUD)

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

SX25g. A copper IUD that lasts for 10 years, also called ParaGard®?

CIUD

Copper IUD, 12m

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

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 AND F_MSX12<7001),1,0))))

Check_SX26.

If HET cycle & R reported 0 opposite-sex partners (CYCLE EQ 3 & F_MHET EQ 0), go to CALC_ENDCORE.

Else, go to SX26.

F F: Total Ps, 12m

SX26. 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

PxP Series: Partner-by-Partner (CALC PS12PXP - SX72b)

CALC_BEGPXP.

BEGPXP	Time at beginning of partner by partner series	BEGPXP = Current time
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CALC_PS12PXP.

PS12PXP	# Ps, 12m for PxP logic only	Male Rs (ES9=1): If (M_FSX12 & M_MSX12 GE 0 & NE DK, REF, or SK), PS12PXP =M_FSX12+M_MSX12. If (M_FSX12 GE 0 & NE DK, REF, or SK) & (M_MSX12 EQ DK, REF, or SK), PS12PXP=M_FSX12. If (M_FSX12 EQ DK, REF, or SK) & (M_MSX12 GE 0 & NE DK, REF, or SK), PS12PXP=M_MSX12. Else, PS12PXP=0. Female Rs (ES9=2): If (F_MSX12 GE 0 & NE DK, REF, or SK), PS12PXP=F_MSX12. Else, PS12PXP=0.
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CALC_ASANY12M.

ASANY12M.	Any anal sex, 12m	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.
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CALC_EXANY12M.

EXANY12M Any exchange sex, 12m 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_PxPSeries. If R is male & 1+ male or female Ps or R is female & had 1+ male Ps in past 12m (PS12PXP GE 1), go to INTRO_PxPSeries.
Else go to CALC_ENDSX.

Universe_PXPSeries. All Rs with 1+ opposite sex or male-male partner in the past 12 months (PS12PXP GE 1).

PxP: Number of Partners, 3m

INTRO_PxPSeries. On one screen, DISPLAY: “READ: This next set of questions is about your [if R is male (ES9 EQ 1) & 1 partner in past 12m (PS12PXP EQ 1), fill with “sex partner”; else, if R is male (ES9 EQ 1), fill with “sex partners”; if R is female (ES9 EQ 2) & 1 male partner in past 12m (PS12PXP EQ 1), fill with “male sex partner”; else, if R is female (ES9 EQ 2), fill with “male sex partners”], things you did with them, and when you did those things.

I’ve brought this calendar to help you remember things that may have happened and when they happened.

Some of the questions are about the past 3 months, that is, since the [(if interview month is May & interview day is 29, 30, or 31, fill with “28th of February”); (if interview month is July & interview day is 31, fill with “30th of April”); (if interview month is December & interview day is 31, fill with “30th of September”); else fill with “[interview day] [suffix] of [interview month - 3, formatted as text]]”.

[INTERVIEWER: Give respondent the Calendar. Point out holidays or other significant days.]

On the next screen, DISPLAY: “READ: For these questions, having sex means oral, vaginal or anal sex.

[INTERVIEWER: Give Respondent Flashcard J.]”

Check_SX27a. If R is male & had 1 female partner in p 12m (ES9 EQ 1 & SX3 EQ 1), go to SX27a.
If R is male & had multiple female partners in p 12m (ES9 EQ 1 & (SX3 GE 2 & LE 7000)), go to SX27b.
Else, go to Check_SX27c.

SX27a. **Earlier, you told me that you had sex with one woman during the past 12 months. Have you had sex with her during the past 3 months, that is, since the [(if interview month is May & interview day is 29, 30, or 31, fill with “28th of February”); (if interview month is July & interview day is 31, fill with “30th of April”); (if interview month is December & interview day is 31, fill with “30th of September”); else fill with “[interview day][suffix] of [interview month - 3, formatted as text]]”?**

FP3MYN Had female partner, 3m-y/n

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

Check_SX27b. Go to Check_SX27c.

SX27b. How many **women** have you had sex with in the **past 3 months, that is, since the** [(if interview month is May & interview day is 29, 30, or 31, fill with "28th of February"); (if interview month is July & interview day is 31, fill with "30th of April"); (if interview month is December & interview day is 31, fill with "30th of September"); else fill with "[interview day][suffix] of [interview month - 3, formatted as text]]" ?

FEMPS3M Number female partners, 3m

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

HardEdit_SX27b. If number of female Ps-3m GT number of female Ps-12m (SX27b GT SX3), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of female partners in past 12 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX27b. Else, go to Check_SX27c.

Check_SX27c. If R had 1 male partner in p 12m (SX11 EQ 1 or SX19 EQ 1), go to SX27c.
If R had multiple male partners in p 12m ((ES9 EQ 1 & (SX11 GE 2 & NE DK, REF, or SK)) or (ES9 EQ 2 & (SX19 GE 2 & NE DK, REF, or SK))), go to SX27d.
Else, go to CALC_PS3MPXP.

SX27c. Earlier, you told me that you had sex with one man during the past 12 months. Have you had sex with him during the **past 3 months, that is, since the** [(if interview month is May & interview day is 29, 30, or 31, fill with "28th of February"); (if interview month is July & interview day is 31, fill with "30th of April"); (if interview month is December & interview day is 31, fill with "30th of September"); else fill with "[interview day][suffix] of [interview month - 3, formatted as text]]" ?

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

Check_SX27d. Go to CALC_PS3MPXP.

SX27d. How many men have you had sex with in the past 3 months, that is, since the [(if interview month is May & interview day is 29, 30, or 31, fill with "28th of February"); (if interview month is July & interview day is 31, fill with "30th of April"); (if interview month is December & interview day is 31, fill with "30th of September"); else fill with "[interview day][suffix] of [interview month - 3, formatted as text]]" ?

MALPS3M Number male partners, 3m

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

HardEdit_SX27d. If number of male Ps-3m GT number male Ps-12m ((SX27d GT SX11) or (SX27d GT SX19)), DISPLAY:
 "INTERVIEWER: The response entered is inconsistent with a prior response (number of male partners in past 12 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX27d.
 Else, go to CALC_PS3MPXP.

CALC_PS3MPXP.

PS3MPXP	# Ps, 3m for PxP logic only	Male Rs (ES9=1): If (FP3MYN & MP3MYN EQ 0 or 1), PS3MPXP=FP3MYN+MP3MYN. If (FP3MYN EQ 0 or 1) & (MALPS3M GE 0 & NE DK, REF, or SK), PS3MPXP=FP3MYN+MALPS3M). If (MP3MYN EQ 0 or 1) & (FEMPS3M GE 0 & NE DK, REF, or SK), PS3MPXP=MP3MYN+FEMPS3M. If (FEMPS3M & MALPS3M GE 0 & NE DK, REF, or SK), PS3MPXP =FEMPS3M+MALPS3M. If (FEMPS3M GE 0 & NE DK, REF, or SK) & (MALPS3M EQ DK, REF, or SK), PS3MPXP=FEMPS3M. If (FEMPS3M EQ DK, REF, or SK) & (MALPS3M GE 0 & NE DK, REF, or SK), PS3MPXP=
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MALPS3M.
Else, PS3MPXP=0.
Female Rs (ES9=2):
If (MALPS3M GE 0 & NE DK, REF, or SK), PS3MPXP= MALPS3M.
If (MP3MYN EQ 0 or 1), PS3MPXP=MP3MYN.
Else, PS3MPXP=0.

Check_INTRO_SX28a.o. If R had 0 or 1 partners in past 3m (PS3MPXP EQ 0 or 1), go to INTRO_SX28a.o;
Else, go to INTRO_SX28a.m

INTRO_SX28a.o. DISPLAY: "READ: Now, I would like to ask some questions about the last [if R is male (ES9 EQ 1), fill with "person"; if R is female (ES9 EQ 2), fill with "man"] you had sex with. To help you think of that partner and guide you through the questions, I will ask you their initials. If you don't know or aren't comfortable giving me their real initials, you can make up initials or a nickname that reminds you of that partner. Please DON'T give me a last name or any other identifying information. Remember, your answers today are kept private."

Check_INTRO_SX28a.m Go to SX28.
.

INTRO_SX28a.m. DISPLAY: "READ: Now, I would like to ask some questions about your most recent [if R is female (ES9 EQ 2), fill with "male"] sex partners in the past 3 months. To help you think of those partners and guide you through the questions, I will ask you the initials of up to 3 of your most recent [if R is male (ES9 EQ 1), fill with "female or"] male sex partners. If you don't know or aren't comfortable giving me their real initials, you can make up initials or a nickname that reminds you of that person. Please DON'T give me a last name or any other identifying information. Remember, your answers today are kept private."

SX28. Please think of the last [if R is female (ES9 EQ 2) fill with "man"; else fill with "person"] you had sex with." What are the initials of the last [if R is female (ES9 EQ 2), fill with "man", else, fill with "person"] you had sex with?

P1_FILL Partner 1 initials, 3m

{text response; max length = 100 characters}

Refuse to Answer..... 7

Check_SX29. If R reports 2+ sex partners in the past 3 months (PS3MPXP GE 2), go to SX29.
Else, go to Check_P1Series.

SX29. Now, think of the last [if R is female (ES9 EQ 2), fill with "man"; else, fill with "person"] you had sex with before [if

not missing (SX28 NE REF), fill with P1 initials (SX28); else fill with "your last partner". **What are the initials of the second-to-last** [if R is female (ES9 EQ 2), fill with "man", else, fill with "person"] **you had sex with?**

[INTERVIEWER: Be sure that initials for second-to-last partner are different from last partner.]

P2_FILL Partner 2 initials, 3m

{text response; max length = 100 characters}

Refuse to Answer..... 7

Check_SX30. If R reports 3+ sex partners in the past 3 months (PS3MPXP GE 3), go to SX30.
Else, go to Check_ P1Series.

Now, think of the last [if R is female (ES9 EQ 2), fill with "man"; else, fill with "person"] **you had sex with before** [if not missing (SX29 NE REF), fill with P2 initials (SX29); else fill with "your second-to-last partner"]. **What are the initials of the third-to-last** [if R is female (ES9 EQ 2), fill with "man", else, fill with "person"] **you had sex with?**

SX30. [INTERVIEWER: Be sure that initials for third-to-last partner are different from the previous two partners recorded.]

P3_FILL Partner 3 initials, 3m

{text response; max length = 100 characters}

Refuse to Answer..... 7

Check_P1Series. If P1 initials reported (SX28 NE REF), go to INTRO_P1Series.
If P1 initials NOT reported (SX28 EQ REF) & more than 1 total partner, past 3 months (PS3MPXP GT 1), go to Check_INTRO_P2Series.
Else, go to CALC_ENDSX.

Universe_P1Series. All Rs with 1+ opposite sex or male-male partner in the past 12 months (PS12PXP GE 1) who reported last sex partner initials (SX28 NE REF).

P1Series: Last Partner (SX31 - SX50b)

INTRO_P1Series. DISPLAY: "READ: Now I'm going to ask you some questions about [if 0 or 1 P in the past 3M (PS3MPXP EQ 0 or 1) , fill with ["this partner"], else fill with ["your most recent sex partner"], [fill with "P1 initials" (SX28)]. Some of the questions may seem the same as ones I already asked you or the answer may seem obvious, but please bear with me. I need to ask the questions as they are written here."

Check_SX31. If R is female (ES9 EQ 2), go to SX32.

Else go to SX31.

P1: Demographics

SX31. Is [fill with "Partner 1 initials" (SX28)] male or female?

P1GENDR P1: gender

Male..... 1

Female..... 2

Don't Know..... 9

Refuse to Answer..... 7

Check_SX32. If R is male (ES9 EQ1) and P1 gender NOT reported (SX31 EQ DK or REF), go to Check_INTRO_P2Series.
Else, go to SX32.

Which of the following age groups best describes [fill with "Partner 1 initials" (SX28)]?

[Give Respondent Flashcard P.]

SX32. [READ Choices.]

P1AGE P1: age

24 years or younger..... 1

25-29 years..... 2

30-39 years..... 3

40-49 years..... 4

50 years or older..... 5

Don't Know..... 9

Refused to Answer..... 7

Which of the following best describes [fill with "Partner 1 initials" (SX28)]'s racial or ethnic background?

SX33. [READ choices.]

P1RACE P1: race / ethnicity

American Indian or Alaska Native..... 1

Asian.....	2
Black or African American.....	3
Hispanic or Latino.....	4
Native Hawaiian or Other Pacific Islander.....	5
White.....	6
Don't Know.....	9
Refuse to Answer.....	7

P1: Type

Was the person you had sex with that last time, [fill with "Partner 1 initials" (SX28)], a main partner or a casual partner?

[Give Respondent Flashcard Q.]

SX34. Remember, a main sex partner is someone you feel committed to above anyone else. And a casual sex partner is someone you do not feel committed to or don't know very well.

P1TYPE

P1: type

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

P1: Relationship Length

How long have you been having a sexual relationship with [fill with "P1 initials" (SX28)]? Please tell me how many days, months, or years.

SX35a. [INTERVIEWER: If "one night stand," enter 0.]

P1LT_N

P1: Relationship length - Number

— — —

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

Check_SX35b. If relationship length at least one day (SX35a NE 0, DK or REF), go to SX35b.
Else, go to SX36.

INTERVIEWER: Was this days or months or years?

SX35b. [INTERVIEWER: If today, enter "Days".]

P1LT_U P1: Relationship length - Unit

Days..... 0

Months..... 1

Years..... 2

CALC_P1RLGT1Y If (P1LT_U=0 & P1LT_N<=365) or (P1LT_U=1 & P1LT_N<=12) or (P1LT_U=2 & P1LT_N<=1), P1RLGT1Y=1.
. Else, P1RLGT1Y=0.
P1RLGT1Y

Where did you first meet [fill with "Partner 1 initials" (SX28)]?

SX36. [DO NOT read choices.]

P1WHMET P1: Where met

Internet..... 1

Chat line..... 2

Bar/Club 3

Circuit party or Rave..... 4

Cruising area..... 5

Adult bookstore..... 6

Bath house, sex club or sex resort..... 7

Private sex party..... 8

Somewhere else..... 9

Don't Know.....99

Refuse to Answer.....77

P1: Partner risk

INTRO_SX37a. DISPLAY: "READ: Now I'm going to ask you some questions about experiences [fill with P1initials (SX28)] may have

had.”

[Give Respondent Flashcard R.]

As far as you know, has [fill with “P1 initials” (SX28)] ever injected drugs like heroin, cocaine, or speed? Would you say they:

SX37a. [READ choices.]

P1IDU P1: 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 [fill with “P1 initials” (SX28)] ever used crack cocaine? Would you say they:

SX37b. [READ choices.]

P1CRACK P1: 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 [fill with “P1 initials” (SX28)] ever been in prison or jail for more than 24 hours? Would you say they:

SX38. [READ choices.]

P1JAIL P1: 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_SX39. If R is male (ES9 EQ 1), go to Check_SX40a.
Else go to SX39.

As far as you know, has [fill with "P1 initials" (SX28)] ever had sex with other men? Would you say he:

SX39. [READ choices.]

P1MSM P1: Ever MSM

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

P1: Concurrency

Check_SX40a. If relationship length LE 1 year (P1RLGT1Y=1), go to SX40a.
Else, go to SX41a.

As far as you know, during the time you were having a sexual relationship with [fill with "Partner 1 initials" (SX28)], did [if P1 is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P1 is female (SX31 EQ 2), fill with "she"] have sex with other people? Would you say [if P1 is male(SX31=1) or R is female (ES9 EQ 2), fill with "he"; if P1 is female (SX31 EQ 2), fill with "she"]:

SX40a. [READ choices.]

P1POTH P1 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

SX40b. During the time you were having a sexual relationship with [fill with "Partner 1 initials" (SX28)], did you have sex with other people?

P1ROTH P1: R had other partners- relat ≤12m
No..... 0
Yes..... 1
Don't Know..... 9
Refuse to Answer..... 7

Check_SX41a.	Go to SX42.
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As far as you know, during the past 12 months when you were having a sexual relationship with [fill with "P1 initials" (SX28)], did [if P1 is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P1 is female (SX31 EQ 2), fill with "she"] have sex with other people? Would you say [if P1 is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P1 is female (SX31 EQ 2), fill with "she"]:

SX41a. [READ choices.]

P1POTHYR P1 had other partners- relat >12m
Definitely did not..... 0
Probably did not..... 1
Probably did 2
Definitely did..... 3
Don't Know..... 9
Refuse to Answer..... 7

SX41b. During the past 12 months when you were having a sexual relationship with [fill with "Partner 1 initials" (SX28)], did you have sex with other people?

P1ROTHYR P1: R had other partners- relat >12m
No..... 0

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

P1: Date of Last Sex

SX42. When was the last time you had vaginal or anal sex with [fill with "P1 initials" (SX28)]? Just tell me the month and year.

P1DATE P1: date of most recent sex

___ / ___

Range (Year).....1900.- Current

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

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

CALC_P1DATE_C.
P1DATE_C Century month version of P1DATE date $P1DATE_C = ((P1DATEY - 1900) * 12) + P1DATEM.$

Check_HardEdit_SX42. If R did not report date of last sex with P1 (SX42 EQ DK or REF), go to Check_INTRO_SX43a. Else, go to HardEdit_SX42.

HardEdit_SX42.
If R reported 0 sex partners in past 3m (PS3MPXP EQ 0) and & date of last sex with P1 is before 12 months before interview [(P1DATEM is missing) and ((IDATEY-P1DATEY) GE 2)] or (P1DATE_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 SX42.
If R reports 0 sex partners in past 3m (PS3MPXP EQ 0) & date of last sex with P1 is within the last 3 months (P1DATE_C GE AGO3M_C), DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (reported no sex partners in past 3 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX42.
If R reported 1 or more sex partners in past 3m (PS3MPXP GE 1) and & date of last sex with P1 is before 3 months before interview [(P1DATEM is missing) and ((IDATEY-P1DATEY) GE 1)] or (P1DATE_C LT AGO3M_C), DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (reported at least one sex partner in past 3 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX42.
Else, go to Check_INTRO_SX43a.

Check_INTRO_SX43a. If R reports 1 or more partners in past 3m (PS3MPXP GE 1), go to INTRO_SX43a.

Else, go to INTRO_SX47a.

Universe_P1Frequency ofSex. All Rs with 1+ opposite sex partner or male-male partner in the past 3 months (PS3MPXP GE 1) who reported last sex partner initials (SX28 NE REF).

P1: Frequency of sex, 3m

INTRO_SX43a. DISPLAY: "READ: I would now like to ask you about the times you had sex with [fill with "P1 initials" (SX28)] in the past 3 months. Take a moment to think back about the times you had sex with [fill with P1 initials (SX28)] in the past 3 months, that is, since the [(if interview month is May & interview day is 29, 30, or 31, fill with "28th of February"); (if interview month is July & interview day is 31, fill with "30th of April"); (if interview month is December & interview day is 31, fill with "30th of September"); else fill with "[interview day][suffix] of [interview month - 3, formatted as text]]".

[INTERVIEWER: Give Respondent the Calendar.]

Check_SX43a. If opposite sex partner ((R is male (ES9 EQ 1) & P1 is female (SX31 EQ 2) or R is female (ES9 EQ 2), go to SX43a. Else, go to Check_SX44a.

SX43a. In the past three months, how many times did you have vaginal sex with [fill with "P1 initials" (SX28)]?

P1VS3M P1: Times had vaginal sex, 3m

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX43b.o. If R had vaginal sex once (SX43a EQ 1), go to SX43b.o.
If R had vaginal sex more than once (SX43a GE 2), go to SX43b.m.
Else, go to Check_SX44a.

SX43b.o. That time you had vaginal sex with [fill with "P1 initials" (SX28)], did you or your partner use a condom?

P1VS1C3M P1: Had VS once and used condom, 3m

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX43b.m	Go to Check_SX44a.
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SX43b.m. Of the [fill with "# of times engaged in vaginal sex" (SX43a)] times you had vaginal sex with [fill with "P1 initials" (SX28)], how many times did you or your partner use a condom?

P1VSC3M P1: Times had VS with condom, 3m

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX43b.m.	If # of times R had VS with condom is higher than the total time had VS with this partner (SX43b.m GT SX43a), DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (number of times had vaginal sex with this partner). Clarify and re-enter response to current or prior item as needed." Then, go back to SX43a. Else, go to Check_SX44a.
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Check_SX44a.	If R had anal sex in p 12m (ASANY12M EQ 1) & R is female (ES9 EQ 2) or P1 is female (SX31 EQ 2), go to SX44a. If R had anal sex in p 12 m (ASANY12M EQ 1) & R is male (ES9 EQ 1) & P1 is male (SX31 EQ 1), go to SX45a. Else, go to CALC_ASANY3M.
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SX44a. In the past three months, how many times did you have anal sex with [fill with "P1 initials" (SX28)]?

P1AS3M P1: Times had anal sex, 3m

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX44b.o.	If R had anal sex once (SX44a EQ 1), go to SX44b.o. If R had anal sex more than once (SX44a GE 2 & NE (DK, REF, or SK), go to SX44b.m. Else, go to CALC_ASANY3M.
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SX44b.o. That time you had anal sex with [fill with "P1 initials" (SX28)], did you or your partner use a condom?

P1AS1C3M

P1: Had AS once and used condom, 3m

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX44b.m	Go to CALC_ASANY3M.
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SX44b.m Of the [fill with "# of times engaged in anal sex" (SX44a)] times you had anal sex with [fill with "Partner 1 initials" (SX28)], how many times did you or your partner use a condom?

P1ASC3M

P1: Times had anal sex with condom, 3m

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX44b.m.	If # of times R had AS with condom is higher than the total time had AS with this partner (SX44b.m GT SX44a), DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (number of times had anal sex with this partner). Clarify and re-enter response to current or prior item as needed." Then, go back to SX44a. Else, go to CALC_ASANY3M.
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SX45a. In the past three months, how many times did you have insertive anal sex, meaning you put your penis in [fill with "P1 initials" (SX28)]'s anus or butt?

P1IAS3M

P1: Frequency IAS, 3m

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX45b.o. If R had IAS once (SX45a EQ 1), go to SX45b.o.
If R had IAS more than once (SX45a GE 2 & NE (DK, REF, or SK), go to SX45b.m.
Else, go to SX46a.

SX45b.o. That time you had insertive anal sex with [fill with "P1 initials" (SX28)], did you use a condom?

P1IA1C3M P1: Had IAS once and used condom, 3m

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX45b.m Go to SX46a.

SX45b.m. Of the [fill with "# of times engaged in insertive anal sex" (SX45a)] times you had insertive anal sex with [fill with "P1 initials" (SX28)], how many times did you use a condom?

P1XIAC3M P1: Frequency IAS with condom, 3m

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX45b.m. If # of times R had IAS with condom is higher than the total time had IAS with this partner (SX45b.m GT SX45a),
DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (number of times had insertive anal sex with this partner). Clarify and re-enter response to current or prior item as needed."
Then, go back to SX45a.
Else, go to SX46a.

SX46a. In the past three months, how many times did you have receptive anal sex with [fill with P1 initials (SX28)], meaning he put his penis in your anus or butt?

P1RAS3M P1: Frequency RAS, 3m

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX46b.o. If R had RAS once (SX46a EQ 1), go to SX46b.o.
If R had RAS more than once (SX46a GE 2 & NE (DK, REF, or SK), go to SX46b.m.
Else, go to CALC_ASANY3M.

SX46b.o. That time you had receptive anal sex with [fill with "P1 initials" (SX28)], did he use a condom?

P1RA1C3M P1: Had RAS once and used condom, 3m

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX46b.m Go to CALC_ASANY3M.

SX46b.m. Of the [fill with "# of times engaged in receptive anal sex" (SX46a)] times you had receptive anal sex with [fill with "Partner 1 initials" (SX28)], how many times did he use a condom?

P1RAC3M P1: Frequency RAS with condom, 3m

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX46b.m. If # of times R had RAS with condom is higher than the total time had RAS with this partner (SX46b.m GT SX46a),
DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (number of times had receptive anal sex with this partner). Clarify and re-enter response to current or prior item as needed."
Then, go back to SX46a.
Else, go to CALC_ASANY3M.

CALC_ASANY3M.

ASANY3M. P1: Any anal sex, 3m If R reported anal sex with P1 in p 3m ((P1AS3M GE 1 & NE (DK, REF, or SK)) or (P1IAS3M GE 1 & NE (DK, REF, or SK)) or (P1RAS3M GE 1 & NE (DK, REF, or SK)), ASANY3M EQ 1.

Else, ASANY3M EQ 0.

P1: Last event

INTRO_SX47a. DISPLAY: "READ: Now I'm going to ask you about the very last time you had sex with [fill with P1 initials (SX28)]."

Check_SX47a. If P1 is male or R is female (SX31 EQ 1 or ES9 EQ 2) & R reported exchange in past 12 months (EXANY12M EQ 1), go to SX47a.
Else, go to Check_SX47b.

SX47a. When you had sex that last time, did [fill with "P1 initials" (SX28)] **give you money or drugs to have sex with him?**

P1EXREC

P1: Received money/drugs for sex at last event

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

Check_SX47b. If R is male (ES9 EQ 1) & R reported exchange in past 12 months (EXANY12M EQ 1), go to SX47b.
Else, go to Check_SX48a.

SX47b. When you had sex that last time, did **you give** [fill with "P1 initials" (SX28)] **money or drugs in exchange for having sex with you?**

P1EXGAV

P1: Gave money/drugs for sex at last event

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

Check_SX48a. If R is male (ES9 EQ 1) and P1 is male (SX31 EQ 1), go to Check_SX49a.
Else, go to SX48a.

SX48a. When you had sex that last time with [fill with "P1 initials" (SX28)], **did you have vaginal sex?**

P1: VS at last event

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

Check_SX48b. If R reports no vaginal sex (SX48a NE 1), go to Check_SX49a.
Else, go to SX48b.

SX48b. During vaginal sex that last time, did you or [fill with "P1 initials" (SX28)] use a condom the whole time?

P1LVST P1: Used condom during VS at last event

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

Check_SX49a. If R reported anal sex in the past 12 months (ASANY12M EQ 1) or in the past 3 months (ASANY3M EQ 1), go to SX49a.
Else, go to Check_SX49conf.

SX49a. When you had sex that last time with [fill with "P1 initials" (SX28)], did you have anal sex?

P1LAS P1: AS at last event

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

Check_SX49conf . If R had anal sex at last event (SX49a EQ 1), go to SX49b.
If R is female (ES9 EQ 2) & no vaginal or anal sex at last event with P1 (SX48a EQ 0, DK, or REF) & (SX49a EQ 0, DK, REF, or SK), go to SX49conf.
If R is male (ES9 EQ 1) & P1 is female (SX31 EQ 2) & no vaginal or anal sex at last event with P1 (SX48a EQ 0, DK, or REF) & (SX49a EQ 0, DK, REF, or SK), go to SX49conf.
If R & P1 both male (ES9 EQ 1 & SX31 EQ 1) & no anal sex at last event (SX49a EQ 0, DK, REF, or SK), go to SX49conf.

Else, go to SX50a.

SX49conf. So this means you only had oral sex the last time you had sex?

P1OSONLY

P1: Oral sex only at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX49b.

If R is male (ES9 EQ 1) and P1 is male (SX31 EQ 1) and R reports sex other than oral (SX49conf EQ 0), go back to SX49a.

If R and P1 are opposite sex ((ES9 EQ 1 and SX31 EQ 2) or (ES9 EQ 2)) and reports sex other than oral (SX49conf EQ 0), go back to SX48a.

Else go to SX50a.

SX49b.

During anal sex that last time, did you or [fill with "Partner 1 initials" (SX28)] use a condom the whole time?

P1LASCT

P1: Used condom during AS at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

SX50a.

The last time you had sex with [fill with "Partner 1 initials" (SX28)], did you know [if P1 is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P1 is female (SX31 EQ 2), fill with "her"] HIV status?

P1KNWSTS

P1: Knew partner HIV status at last event

No..... 0

Yes..... 1

Refuse to Answer..... 7

Check_SX50b.

If R knew P1 HIV status (SX50a EQ 1), go to SX50b.

Else, go to Check_INTRO_P2Series.

What was [[fill with "Partner 1 initials" (SX28)]]'s HIV status?

SX50b. [DO NOT read choices.]

P1HIVSTS P1: Partner HIV status at last event

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

Check_INTRO_P2Series. If P2 initials reported (SX29 NE REF) & 2+ total partners in past 3 months (PS3MPXP GE 2), go to INTRO_P2Series.
 If P2 initials NOT reported (SX29 EQ REF) & 3+ total partners in past 3 months (PS3MPXP GE 3), go to INTRO_P3Series.
 Else, go to CALC_ENDSX.

Universe_P2Series. All Rs with 2+ opposite sex partners or male-male partners in the past 3 months (PS3MPXP GE 2) who reported second to last sex partner initials (SX29 NE REF).

P2Series: Second to Last Partner (INTRO_P2Series - SX61b)

INTRO_P2Series. If R is male (ES9 EQ 1), DISPLAY: "READ: To save time, I'll only ask a few questions about [if 2 partners in past 3 months (PS3MPXP EQ 2), fill with initials for P2 (SX29); if 3 or more partners in past 3 months (PS3MPXP GE 3), fill with initials for P2 (SX29)] and if SX30 NE REF, fill with "and initials for P3 (SX30)". Now I will ask you about your second-to-last partner, [fill with "Partner 2 initials" (SX29)]. "

If R is female (ES9 EQ 2), DISPLAY: "READ: To save time, I'll only ask a few questions about [if 2 partners in past 3 months (PS3MPXP EQ 2), fill with initials for P2 (SX29); if 3 or more partners in past 3 months (PS3MPXP GE 3), fill with initials for P2 (SX29)] and if SX30 NE REF, fill with "and initials for P3 (SX30)". Now I will ask you about your second-to-last male partner, [fill with "Partner 2 initials" (SX29)]. "

P2: Demographics

Check_SX51. If R is female (ES9 EQ 2), go to SX52.
 Else, go to SX51.

SX51. Is [fill with "Partner 2 initials" (SX29)] **male or female?**

P2GENDR P2: gender

- Male.....1
- Female.....2

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

Check_SX52. If P2 gender reported (SX51 NE DK or REF), go to SX52.
 Else go to Check_INTRO_P3Series.

Which of the following age groups best describes [fill with "Partner 2 initials" (SX29)]?

[Give Respondent Flashcard P.]

SX52. [READ Choices.]

P2AGE P2: age

24 years or younger.....	1
25-29 years.....	2
30-39 years.....	3
40-49 years.....	4
50 years or older.....	5
Don't Know.....	9
Refused to Answer.....	7

Which of the following best describes [fill with "Partner 2 initials" (SX29)]'s racial or ethnic background?

SX53. [READ choices.]

P2RACE P2: race / ethnicity

American Indian or Alaska Native.....	1
Asian.....	2
Black or African American.....	3
Hispanic or Latino.....	4
Native Hawaiian or Other Pacific Islander.....	5
White.....	6

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

P2: Type

Was [fill with "Partner 2 initials" (SX29)] a main partner or a casual partner?

SX54. [Give Respondent Flashcard Q.]

P2TYPE P2: type
 Main partner.....1
 Casual partner.....2
 Don't Know.....9
 Refuse to Answer.....7

P2: Date of Last Sex

SX55. **When was the last time you had vaginal or anal sex with [fill with "P2 initials" (SX29)]? Just tell me the month and year.**

P2DATE P2: date of most recent sex
 ___ / ___
 Range (Year).....1900.- Current
 Don't Know (Year)..... 9999
 Refuse to Answer (Year)..... 7777

CALC_P2DATE_C.
 Century month version of
 P2DATE_C P2DATE date $P2DATE_C = ((P2DATEY - 1900) * 12) + P2DATEM.$

Check_HardEdit_SX55. If R did not report date of last sex with P2 (SX55 EQ DK or REF), go to INTRO_SX56a.
 Else, go to HardEdit_SX55.

HardEdit_SX55. If date of last sex with 2nd to last SP was before 3 months before interview ((P2DATE_C LT AGO3M_C) or ((P2DATEM is missing) and ((IDATEY-P2DATEY) GE 1)) DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (reported sex with 2nd to last sex partner in past 3 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX55.
Else, go to INTRO_SX56a.

P2: Frequency of sex, 3m

INTRO_SX56a. DISPLAY: "READ: I would now like to ask you about the times you had sex with [fill with "Partner 2 initials" (SX29)] in the past 3 months."

Check_SX56a. If opposite sex partner ((R is male (ES9 EQ 1) & P2 is female (SX51 EQ 2)) or (R is female (ES9 EQ 2))), go to SX56a.
Else, go to Check_SX57a.

SX56a. In the past three months, how many times did you have vaginal sex with [fill with "P2 initials" (SX29)]?

P2VS3M P2: Times had vaginal sex, 3m

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX56b.o. If R had vaginal sex once (SX56a EQ 1), go to SX56b.o.
If R had vaginal sex more than once (SX56a GE 2 & NE (DK, REF, or SK)), go to SX56b.m.
Else, go to Check_SX57a.

SX56b.o. That time you had vaginal sex with [fill with "P2 initials" (SX29)], did you or your partner use a condom?

P2VS1C3M P2: Had VS once and used condom, 3m

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX56b.m Go to Check_SX57a.
.

SX56b.m. Of the [fill with "# of times engaged in vaginal sex" (SX56a)] times you had vaginal sex with [fill with "P2 initials" (SX29)], how many times did you or your partner use a condom?

P2VSC3M P2: Times had VS with condom, 3m

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX56b.m. If # of times R had VS with condom is higher than the total time had VS with this partner (SX56b.m GT SX56a),
DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of times had vaginal sex with this partner). Clarify and re-enter response to current or prior item as needed." Then, go back to SX56a.
Else, go to Check_SX57a.

Check_SX57a. If R had anal sex in p 12m (ASANY12M EQ 1) & R is female (ES9 EQ 2) or P2 is female (SX51 EQ 2), go to SX57a.
If R had anal sex in p 12 m (ASANY12M=1) & R is male (ES9 EQ 1) & P2 is male (SX51 EQ 1), go to SX58a.
Else, go to INTRO_SX60a.

SX57a. In the past three months, how many times did you have anal sex with [fill with "P2 initials" (SX29)]?

P2AS3M P2: Times had anal sex, 3m

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX57b.o. If R had anal sex once (SX57a EQ 1), go to SX57b.o.
If R had anal sex more than once (SX57a GE 2 & NE (DK, REF, or SK)), go to SX57b.m.
Else, go to INTRO_SX60a.

SX57b.o. That time you had anal sex with [fill with "P2 initials" (SX29)], did you or your partner use a condom?

P2AS1C3M P2: Had AS once and used condom, 3m

No..... 0

SX58b.o. That time you had insertive anal sex with [fill with "P2 initials" (SX29)], did you use a condom?

P2IA1C3M

P2: Had IAS once and used condom, 3m

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

Check_SX58b.m Go to SX59a.

SX58b.m. Of the [fill with "# of times engaged in insertive anal sex" (SX58a)] times you had insertive anal sex with [fill with "P2 initials" (SX29)], how many times did you use a condom?

P2XIAC3M

P2: Frequency IAS with condom, 3m

— — — —

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

HardEdit_SX58b.m. If # of times R had IAS with condom is higher than the total time had IAS with this partner (SX58b.m GT SX58a),
DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of times had insertive anal sex with this partner). Clarify and re-enter response to current or prior item as needed."
Then, go back to SX58a.
Else, go to SX59a.

SX59a. In the past three months, how many times did you have receptive anal sex with [fill with P2 initials (SX29)], meaning he put his penis in your anus or butt?

P2RAS3M

P2: Frequency RAS, 3m

— — — —

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

Check_SX59b.o. If R had RAS once (SX59a EQ 1), go to SX59b.o.

If R had RAS more than once (SX59a GE 2 & NE (DK, REF, or SK)), go to SX59b.m.
Else, go to INTRO_SX60a.

SX59b.o. That time you had receptive anal sex with [fill with "P2 initials" (SX29)], did he use a condom?

P2RA1C3M

P2: Had RAS once and used condom, 3m

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX59b.m Go to INTRO_SX60a.

SX59b.m. Of the [fill with "# of times engaged in receptive anal sex" (SX59a)] times you had receptive anal sex with [fill with "Partner 2 initials" (SX29)], how many times did he use a condom?

P2RAC3M

P2: Frequency RAS with condom, 3m

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX59b.m. If # of times R had RAS with condom is higher than the total time had RAS with this partner (SX59b.m GT SX59a),
DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of times had
receptive anal sex with this partner). Clarify and re-enter response to current or prior item as needed."
Then, go back to SX59a.
Else, go to INTRO_SX60a.

P2: Last Event

INTRO_SX60a. DISPLAY: "READ: Now I'm going to ask you about the very last time you had sex with [fill with P2 initials (SX29)]."

Check_SX60a. If P2 is male or R is female (SX51 EQ 1 or ES9 EQ 2) & R reported exchange in past 12 months (EXANY12M EQ 1), go to
SX60a.
Else, go to Check_SX60b.

SX60a. When you had sex that last time, did [fill with "Partner 2 initials" (SX29)] give you money or drugs to have sex with him?

P2EXREC

P2: Received money/drugs for sex at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX60b. If R is male (ES9 EQ 1) & R reported exchange in past 12 months (EXANY12M EQ 1), go to SX60b. Else, go to SX61a.

SX60b. When you had sex that last time, did you give [fill with "Partner 2 initials" (SX29)] money or drugs in exchange for having sex with you?

P2EXGAV

P2: Gave money/drugs for sex at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

SX61a. The last time you had sex with [fill with "Partner 2 initials" (SX29)], did you know [if P2 is male (SX51 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P2 is female (SX51 EQ 2), fill with "her"] HIV status?

P2KNWSTS

P2: Knew partner HIV status at last event

No..... 0

Yes..... 1

Refuse to Answer..... 7

Check_SX61b. If R knew P2 HIV status (SX61a EQ 1), go to SX61b. Else, go to Check_P3Series.

SX61b. What was [fill with "Partner 2 initials" (SX29)]'s HIV status?

[DO NOT read choices.]

P2HIVSTS	P2: Partner HIV status at last event	
	HIV-negative.....	1
	HIV-positive.....	2
	Indeterminate.....	3
	Refuse to Answer.....	7

Check_INTRO_P3Series. If P3 initials reported (SX30 NE REF) & 3+ total partners in past 3 months (PS3MPXP GE 3), go to INTRO_P3Series.
Else, go to CALC_ENDSX.

Universe_P3Series. All Rs with 3+ opposite sex partners or male-male partners in the past 3 months (PS3MPXP GE 3) who reported third to last sex partner initials (SX30 NE REF).

P3Series: Third to Last Partner (SX62 - SX72b)

INTRO_P3Series. If R is male (ES9 EQ 1), DISPLAY: "READ: Now I will ask you about your third-to-last partner, [fill with "Partner 3 initials" (SX30)]. "

If R is female (ES9 EQ 2), DISPLAY: "READ: Now I will ask you about your third-to-last male partner, [fill with "Partner 3 initials" (SX30)]. "

P3: Demographics

Check_SX62. If R is female (ES9 EQ 2), go to SX63.
Else, go to SX62.

Is [fill with "Partner 3 initials" (SX30)] **male or female?**

SX62.

P3GENDR	P3: gender	
	Male.....	1
	Female.....	2
	Don't Know.....	9
	Refuse to Answer.....	7

Check_SX63. If P3 gender reported (SX62 NE DK or REF), go to SX63.
Else, go to CALC_ENDSX.

Which of the following age groups best describes [fill with "Partner 3 initials" (SX30)]?

[Give Respondent Flashcard P.]

SX63. [READ choices.]

P3AGE

P3: age

- 24 years or younger..... 1
- 25-29 years..... 2
- 30-39 years..... 3
- 40-49 years..... 4
- 50 years or older..... 5
- Don't Know..... 9
- Refused to Answer..... 7

Which of the following best describes [fill with "Partner 3 initials" (SX30)]'s racial or ethnic background?

SX64. [READ choices.]

P3RACE

P3: race / ethnicity

- American Indian or Alaska Native..... 1
- Asian..... 2
- Black or African American..... 3
- Hispanic or Latino..... 4
- Native Hawaiian or Other Pacific Islander..... 5
- White..... 6
- Don't Know..... 9
- Refuse to Answer..... 7

P3: Type

SX65. Was [fill with "Partner 3 initials" (SX30)] a main partner or a casual partner?

[Give Respondent Flashcard Q.]

P3TYPE	P3: type	
	Main partner.....	1
	Casual partner.....	2
	Don't Know.....	9
	Refuse to Answer.....	7

P3: Date of Last Sex

SX66. When was the last time you had vaginal or anal sex with [fill with "P3 initials" (SX30)]? Just tell me the month and year.

P3DATE	P3: date of most recent sex	
	___/___	
	Range (Year).....	1900.- Current
	Don't Know (Year).....	9999
	Refuse to Answer (Year).....	7777

CALC_P3DATE_C.		
P3DATE_C	Century month version of P3DATE date	$P3DATE_C = ((P3DATEY - 1900) * 12) + P3DATEM.$

<p>Check_HardEdit_SX66. If R did not report date of last sex with P3 (SX66 EQ DK or REF), go to INTRO_SX67a. Else, go to HardEdit_SX66.</p>
--

<p>HardEdit_SX66. If date of last sex with 3rd to last sex partner was before 3 months ago ((P3DATE_C LT AGO3M_C) or ((P3DATEM is missing) and ((IDATEY-P3DATEY) GE 1)), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (reported sex with 3rd to last sex partner in past 3 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX66. Else, go to INTRO_SX67a.</p>
--

P3: Frequency of sex, 3m

INTRO_SX67a. DISPLAY: "READ: I would now like to ask you about the times you had sex with [fill with "Partner 3 initials" (SX30)] in the past 3 months."

Check_SX67a. If opposite sex partner ((R is male (ES9 EQ 1) & P3 is female (SX62 EQ 2) or R is female (ES9 EQ 2)), go to SX67a. Else, go to Check_SX68a.

SX67a. In the past three months, how many times did you have vaginal sex with [fill with "P3 initials" (SX30)]?

P3VS3M P3: Times had vaginal sex, 3m

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX67b.o. If R had vaginal sex once (SX67a EQ 1), go to SX67b.o.
If R had vaginal sex more than once (SX67a GE 2 & NE (DK, REF, or SK)), go to SX67b.m.
Else, go to Check_SX68a.

SX67b.o. That time you had vaginal sex with [fill with "P3 initials" (SX30)], did you or your partner use a condom?

P3VS1C3M P3: Had VS once and used condom, 3m

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX67b.m Go to Check_SX68a.
.

SX67b.m. Of the [fill with "# of times engaged in vaginal sex" (SX67a)] times you had vaginal sex with [fill with "P3 initials" (SX30)], how many times did you or your partner use a condom?

P3VSC3M P3: Times had VS with condom, 3m

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX67b.m. If # of times R had VS with condom is higher than the total time had VS with this partner (SX67b.m GT SX67a),
DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of times had vaginal sex with this partner). Clarify and re-enter response to current or prior item as needed." Then, go back to SX67a.
Else, go to Check_SX68a.

Check_SX68a. If R had anal sex in p 12m (ASANY12M EQ 1) & R is female (ES9 EQ 2) or P3 is female (SX62 EQ 2), go to SX68a.
If R had anal sex in p 12 m (ASANY12M EQ 1) & R is male (ES9 EQ 1) & P3 is male (SX62 EQ 1), go to SX69a.
Else, go to INTRO_SX71a.

SX68a. In the past three months, how many times did you have anal sex with [fill with "P3 initials" (SX30)]?

P3AS3M

P3: Times had anal sex, 3m

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX68b.o. If R had anal sex once (SX68a EQ 1), go to SX68b.o.
If R had anal sex more than once (SX68a GE 2 & NE (DK, REF, or SK)), go to SX68b.m.
Else, go to INTRO_SX71a.

SX68b.o. That time you had anal sex with [fill with "P3 initials" (SX30)], did you or your partner use a condom?

P3AS1C3M

P3: Had AS once and used condom, 3m

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX68b.m Go to INTRO_SX71a.

SX68b.m Of the [fill with "# of times engaged in anal sex" (SX68a)] times you had anal sex with [fill with "Partner 3 initials" (SX30)], how many times did you or your partner use a condom?

P3: Times had anal sex with condom, 3m

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

HardEdit_SX68b.m. If # of times R had AS with condom is higher than the total time had AS with this partner (SX68b.m GT SX68a),
DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of times had anal sex with this partner). Clarify and re-enter response to current or prior item as needed." Then, go back to SX68a.
Else, go to INTRO_SX71a.

SX69a. In the past three months, how many times did you have insertive anal sex, meaning you put your penis in [fill with "P3 initials" (SX30)]'s anus or butt?

P3IAS3M P3: Frequency IAS, 3m

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

Check_SX69b.o. If R had IAS once (SX69a EQ 1), go to SX69b.o.
If R had IAS more than once (SX69a GE 2 & NE (DK, REF, or SK)), go to SX69b.m.
Else, go to SX70a.

SX69b.o. That time you had insertive anal sex with [fill with "P3 initials" (SX30)], did you use a condom?

P3IA1C3M P3: Had IAS once and used condom, 3m

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

Check_SX69b.m Go to SX70a.

SX69b.m. Of the [fill with "# of times engaged in insertive anal sex" (SX69a)] times you had insertive anal sex with [fill with "P3 initials" (SX30)], how many times did you use a condom?

P3XIAC3M P3: Frequency IAS with condom, 3m

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX69b.m. If # of times R had IAS with condom is higher than the total time had IAS with this partner (SX69b.m GT SX69a),
DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of times had insertive anal sex with this partner). Clarify and re-enter response to current or prior item as needed."
Then, go back to SX69a.
Else, go to SX70a.

SX70a. In the past three months, how many times did you have receptive anal sex with [fill with P3 initials (SX30)], meaning he put his penis in your anus or butt?

P3RAS3M P3: Frequency RAS, 3m

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

Check_SX70b.o. If R had RAS once (SX70a EQ 1), go to SX70b.o.
If R had RAS more than once (SX70a GE 2 & NE (DK, REF, or SK)), go to SX70b.m.
Else, go to INTRO_SX71a.

SX70b.o. That time you had receptive anal sex with [fill with "P3 initials" (SX30)], did he use a condom?

P3RA1C3M P3: Had RAS once and used condom, 3m

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX70b.m Go to INTRO_SX71a.

.

SX70b.m. Of the [fill with "# of times engaged in receptive anal sex" (SX70a)] times you had receptive anal sex with [fill with "Partner 3 initials" (SX30)], how many times did he use a condom?

P3RAC3M P3: Frequency RAS with condom, 3m

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

HardEdit_SX70b.m. If # of times R had RAS with condom is higher than the total time had RAS with this partner (SX70b.m GT SX70a),
DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of times had receptive anal sex with this partner). Clarify and re-enter response to current or prior item as needed."
Then, go back to SX70a.
Else, go to INTRO_SX71a.

P3: Last Event

INTRO_SX71a. DISPLAY: "READ: Now I'm going to ask you about the very last time you had sex with [fill with P3 initials (SX30)]."

Check_SX71a. If P3 is male or R is female (SX62 EQ 1 or ES9 EQ 2) & R reported exchange in past 12 months (EXANY12M EQ 1), go to SX71a.
Else, go to Check_SX71b.

SX71a. When you had sex that last time, did [fill with "Partner 3 initials" (SX30)] give you money or drugs to have sex with him?

P3EXREC P3: Received money/drugs for sex at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_SX71b. If R is male (ES9 EQ 1) & R reported exchange in past 12 months (EXANY12M EQ 1), go to SX71b.

Else, go to SX72a.

SX71b. When you had sex that last time, did you give [fill with "Partner 3 initials" (SX30)] money or drugs in exchange for having sex with you?

P3EXGAV P3: Gave money/drugs for sex at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

SX72a. The last time you had sex with [fill with "Partner 3 initials" (SX30)], did you know [if P3 is male (SX62 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P3 is female (SX62 EQ 2), fill with "her"] HIV status?

P3KNWSTS P3: Knew partner HIV status at last event

No..... 0

Yes..... 1

Refuse to Answer..... 7

Check_SX72b. If R knew P3 HIV status (SX72a EQ 1), go to SX72b.
 Else, go to CALC_ENDSX.

SX72b. What was [fill with "Partner 3 initials" (SX30)]'s HIV status?
 [DO NOT read choices.]

P3HIVSTS P3: Partner HIV status at last event

HIV-negative..... 1

HIV-positive..... 2

Indeterminate..... 3

Refuse to Answer..... 7

CALC_ENDSX.

ENDSX Time sexual behavior section ended ENDSX = Current time

END_SX. Go to Alcohol Use Section (AL).

NHBS IDU4-HET4 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
Preloaded variables	--	IDATEM	Interview date: Month
Preloaded variable	--	IDATED	Interview date: day
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 all prior sections (ENDSX is not missing).

CALC_BEGAL.

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

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 S.]"

The next questions are about drinking alcohol during the past 30 days, that is, since the [(if interview month is January, March, May, July, August, October, or December (IDATEM EQ 01, 03, 05, 07, 08, 10, or 12) & interview day is the 31st (IDATED EQ 31), fill with "1st of this month"); if interview month is March (IDATEM EQ 03) & interview day is the 29th or 30th (IDATED EQ 29 or 30), fill with "28th of February"; else, [[Fill with interview date]][Fill with suffix] of last month]. **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?**

AL1.

ALC30D

Had one or more drinks past 30 days

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_AL2M. If R did not have any drinks in the past 30 days or did not report if had any drinks in the past 30 days (AL1 NE 1), go to CALC_ENDAL.
If R is male, transgender, or did not report gender (ES9 NE 2), go to AL2M.
If R is female (ES9 EQ 2), go to AL2F.

AL2M. During the past 30 days, how many times 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.....

Check_AL2F. Go to AL3.

AL2F. During the past 30 days, how many times 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.....

AL3. 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.....

CALC_ENDAL.

ENDAL Time alcohol use section ended **ENDAL** = Current time

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

NHBS IDU4-HET4 QUESTIONNAIRE

INJECTION DRUG USE (ID)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
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	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
Demographics	DM5	SCHOOL	Education
Demographics	--	POVERTY	Poverty Status
Sexual Behavior	--	M_FHET	M_F HET sex (Y/N)
Sexual Behavior	--	F_MHET	F_M HET sex (Y/N)
Sexual Behavior	--	ENDSX	Time sexual behavior section ended
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 all prior sections ((ENDSX & ENDAL) are not missing).

CALC_BEGID.

BEGID Time at beginning of IDsection
 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."

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 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.num.

When was the last time you injected any drug? That is, 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 refuses to report the last time he injected (ID1b.num EQ REF), go to CALC_LINJ12.
If R doesn't know when he last injected (ID1b.num EQ DK), go to ID1b.dmyConf.
Else, go to ID1b.dmy.

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

ID1b.dmy. [If today, enter "# of Days".]

LINJ_U When last injected: day, month or year

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

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

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

Check_ID1b.dmyConf . If R last injected one year ago ((ID1b.num EQ 1 & ID1b.dmy EQ 2) or (ID1b.num EQ 12 & ID1b.dmy EQ 1) or (ID1b.num EQ 365 & ID1b.dmy EQ 0)), go to ID1b.dmyConf.
Else, go to Check_INTRO_ID2.

ID1b.dmyConf. **INTERVIEWER: Was this more than one year ago or within the past year?**

C_INJ_D When last injected: within a year or more

Within the past year.....0.....

More than 1 year ago.....1.....

Check_INTRO_ID2. If R last injected in the past year ((ID1b.num LT 12 & ID1b.dmy EQ 1) or (ID1b.num LT 365 & ID1b.dmy EQ 0) or ID1b.dmyConf EQ 0), go to INTRO_ID2.
Else, go to CALC_LINJ12.

UNIVERSE_InjectionFrequency. All Rs who injected in the past year ((ID1b.num LT 12 & ID1b.dmy EQ 1) or (ID1b.num LT 365 & ID1b.dmy EQ 0) or ID1b.dmyConf EQ 0).

Injection Frequency, 12m

INTRO_ID2. DISPLAY: "READ: The next questions are about injection drug use in the past 12 months, that is, since [fill with interview month, formatted as text] of last year."

Check_ID2. If IDU cycle (CYCLE EQ 2), go to ID2.
If MSM or HET cycle (CYCLE EQ 1 or 3), go to ID4A.

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

ID2. [READ choices.]

INJOFTEN Injection frequency past 12 months - IDU

- 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

DISPLAY: “[Give Respondent Flashcard T.]

INTRO_ID3A.

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, that is, since [fill with interview month, formatted as text] of last year.”

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. [READ choices.]

INJ_OTH Other drug injected - 12 months

- 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 - 12 months

{text response; max length = 100 characters}

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

Check_ID4A
. Go to INTRO_ID5A.

[Give Respondent Flashcard U.]

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

ID4A. [READ choices.]

INJOFTNI Injection frequency past 12 months - MSM, HET

- More than once a day..... 1
- Once a day..... 2
- More than once a week..... 3
- Once a week..... 4
- More than once a month..... 5
- Once a month..... 6
- Less than once a month..... 7
- Don't Know.....99
- Refuse to Answer.....77

ID4B. **In the past 12 months, which drug did you inject most often?**

[Give Respondent Flashcard C.]

[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

ID4C.1. Did you inject any other drugs in the past 12 months?

INJOTHNI Other drug injected - 12 months - MSM, HET

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_ID4C.2	If R injected another drug in the past 12 months (ID4C.1 EQ 1), go to ID4C.2. Else, go to INTRO_ID5A.
---------------------	--

What other drugs did you inject?

[Give Respondent Flashcard C.]

ID4C.2. [READ choices. CHECK ALL that apply.]

INJMOST Other drugs injected - 12 months - 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.....	9
	Refuse to Answer.....	7

Injection Behaviors, 12m

INTRO_ID5A. 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."

In the past 12 months, have you used a syringe with a needle that can be removed?

ID5A. [Give Respondent Flashcard V.]

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 INTRO_ID6A.

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

[Give Respondent Flashcard W.]

In the past 12 months when you injected, did you get your needles at any of the following places:

INTRO_ID6A.

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

ID6A. Needle or syringe exchange program?

EXCHPROG

INJ Needle source: Needle or syringe exchange

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

ID6B. Pharmacy or drug store?

PHARMACY

INJ Needle source: pharmacy

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

ID6C. Doctor's office, clinic, or hospital?

MDHOSP

INJ Needle source: DR, clinic, hosp

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

ID6D. Friend, relative, or sex partner?

FRIEND INJ Needle source: Friend, partner

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

ID6E. Needle or drug dealer, shooting gallery, or off the street?

DEALER INJ Needle source: Dealer, gallery, street

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

ID6F. Did you get your needles from some other place?

NDLEOTH INJ Needle source: Other

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_ID6Fspec	If R does not report getting needles from some other place (ID6F NE 1), go to Check_ID6G. Else, go to ID6Fspec.
-----------------------	--

ID6Fspec. What other place did you get your needles from?

SPECNDLE INJ Needle source: Other specify

{text response; max length = 100 characters}

Don't Know..... 9

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

Check_ID6G	If R got needles from more than one place (more than one "Yes" response to ID6A to ID6F), go to ID6G. Else, go to ID7.
-------------------	--

[Give Respondent Flashcard X.]

In the past 12 months, when you injected, what was the most common place where you got your needles?

ID6G.

[READ choices.]

NDLEMOST

INJ Needle source: Most common

- Needle or syringe exchange program..... 1
- Pharmacy or drug store..... 2
- Doctor's office, clinic, or hospital..... 3
- Friend, relative, or sex partner..... 4
- Needle or drug dealer, shooting gallery, or off the street..... 5
- Other..... 6
- Don't Know..... 9
- Refuse to Answer..... 7

In the past 12 months, after you injected, what did you do with the used needle?

[Give Respondent Flashcard Y.]

ID7.

[READ choices. CHECK ALL that apply.]

NDLEDIS

How disposed of used needle - 12 months

NDLEDISA

Put it in a medical waste disposal container - a Red Box

NDLEDISB

Threw it away, for example in the trash, on the street, or in a container that is not a medical waste disposal container

NDLEDISC

Kept it to re-use it

NDLEDISD

Gave or sold it to someone else to use it

NDLEDISE

Took it to a needle or syringe exchange program

NDLEDISF

Did something else with it

Don't Know..... 9

Refuse to Answer..... 7

Check_ID7spec If R did something else with the used needle (NDLEDISF 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}

[Give Respondent Flashcard Z.]

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

Check_ID9. If R always used a sterile needle in the past 12 months (ID8 EQ 4), go to ID10.
 Else, go to ID9.

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 different people 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.....

ID12. In the past 12 months, with how many different people did you use drugs that had been divided with a syringe that they had already used?

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 or REF)), go to Check_ID14. Else, go to ID13.
--------------------	---

ID13. In the past 12 months, how often did you use needles that someone else had already injected with?

[READ choices.]

SHARNdle

INJ Used needle after someone else - 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

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, how often did you give your needle to someone else to use after you had already injected with it?

ID14.

GIVENDLE

[READ choices.]

INJ Gave used needle to someone else - 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

HardEdit_ID14. 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.
Else, go to Check_ID15.

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.
Else, go to ID15.

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

ID15. [READ choices.]

SHARWORK INJ Shared works - 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

HardEdit_ID15. 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.
Else, go to Check_ID16.

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_INTRO_ID17.
Else, go to ID16.

ID16. **In the past 12 months, how often did you use drugs that had been divided with a syringe that someone had already injected with?**

[READ choices.]

SAMESYR	INJ Divide drugs with used 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

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_INTRO_ID17.

Last Sharing Event, 12m

If R did not share or refuses to report if he shared needles or works & did not inject drugs that had been divided with a used syringe with anyone in the past 12 months ((ID8 EQ 4 or (ID9 EQ 0 or REF)) & (ID10 EQ 0 or REF) & (ID11 EQ 0 or REF) & (ID12 EQ 0 or REF)), go to CALC_LINJ12.
If R shared or does not know if he shared needles or works or injected drugs that had been divided with a used syringe in the past 12 months (ID8 NE 4 or ID9 GT 0 or ID9 EQ DK or ID10 GT 0 or ID10 EQ DK or ID11 GT 0 or ID11 EQ DK or ID12 GT 0 or ID12 EQ DK or ID13 GT 0 or ID13 EQ DK or ID14 GT 0 or ID14 EQ DK or ID15 GT 0 or ID15 EQ DK or ID16 GT 0 or ID16 EQ DK), go to INTRO_ID17.
Check_INTRO_ID17.

DISPLAY: “READ: Now I'd like you to think about the last time you shared any injection equipment with at least one other person that you were with when you injected in the past 12 months. Sharing means using injection equipment after someone else, giving injection equipment to someone else after you have used it, or using drugs that were divided with a syringe that someone else had already injected with. Injection equipment could be needles and syringes, cookers, cottons, or water.”
INTRO_ID17.

ID17. In the past 12 months, when was the last time you shared any injection equipment with someone?

INJL_D Date last time injected with someone

___/___/___ (MM/YYYY)

Range (Year).....1900-Current

Don't Know.....9999

Refuse to Answer.....7777

CALC_INJLD_C.

INJLD_C Century month version of
 INJL_D date $INJLD_C = ((INJL_DY-1900)*12) + INJL_DM$

HardEdit_ID17.

If R reports last sharing injection equipment with someone more than 12 months ago ((INJLD_C LT AGO12M_C) or (INJL_DY BEFORE (IDATEY-1))), DISPLAY: **"INTERVIEWER:** The respondent said earlier that they have shared equipment with at least one person in the past 12 months. The most recent time they shared should be within the past 12 months. Clarify and re-enter response to current or prior item as needed." Then, go back to ID17.

Check_ID17conf

If R does not know when he last shared injection equipment with someone in the past 12 months (ID17 EQ DK), go to ID17conf.
 If R refuses to report when he last shared injection equipment with someone in the past 12 months (ID17 EQ REF), go to CALC_LINJ12.
 If R shared injection equipment within the past 12 months (INJLD_C GE AGO12M_C), go to ID18.

ID17conf. **Did you last share injection equipment with someone in the past 12 months, that is, since [fill with interview month, formatted as text] of last year?**

C_INJL_D Shared injection equipment in the past 12 months - y/n

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

HardEdit_ID17conf

If R does not confirm that he shared injection equipment with someone in the past 12 months (ID17conf EQ 0), DISPLAY: **"INTERVIEWER:** The response entered is inconsistent with a prior response (reported sharing injection equipment with at least one person in past 12 months). Clarify and re-enter response to current or prior item as needed." Then go back to ID17.
 Else, go to Check_ID18.

Check_ID18.	If R does not know or refuses to report whether he last shared injection equipment with someone in the past 12 months (ID17conf EQ DK or REF), go to CALC_LINJ12.
	If R has shared injection equipment with someone in the past 12 months (ID17conf EQ 1), go to ID18.

ID18. The last time you shared with someone, did you use a new sterile needle to inject?

INJL_NSN Used new needle - last time

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_ID18a.	If R used a new sterile needle to inject the last time he shared with someone (ID18 EQ 1), go to Check_ID19.
	If R did not use, does not know if he used, or refuses to report if he used a new sterile needle to inject the last time he shared with someone (ID18 NE 1), go to ID18a.

ID18a. The last time you shared with someone, did you use a needle after anyone else had already injected with it?

INJL_UN Used needle after someone - last time

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_ID19.	If R has given, does not know if he has given, or refuses to report if he has given a used needle to someone after using it in the past 12 months (ID10 NE 0), go to ID19.
	If R has not given a used needle to someone after using it in the past 12 months (ID10 EQ 0), go to Check_ID20.

ID19. The last time you shared with someone, did you give your needle to someone else to use after you had already injected with it?

INJL_GIV Gave used needle to someone else - last time

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_ID20. If R has used, does not know if he has used, or refuses to report if he has used a cooker, cotton, or water that someone else had already used in the past 12 months (ID11 NE 0), go to ID20.
If R has not used a cooker, cotton, or water that someone else had already used in the past 12 months (ID11 EQ 0), go to Check_ID21.

ID20. The last time you shared with someone, did you use a cooker, cotton, or water that anyone else had already used?

INJL_UCW Used same cooker, cotton, water - last time

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

Check_ID21. If R has used, does not know if he has used, or refuses to report if he has used drugs that were divided with a syringe that someone else had already used in the past 12 months (ID12 NE 0), go to ID21.
If R has not used drugs that were divided with a syringe that someone else had already used in the past 12 months (ID12 EQ 0), go to ID22.

ID21. The last time you shared with someone, did you use drugs that had been divided with a syringe that anyone else had already injected with?

INJL_US Used drugs divided with same syringe - last time

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

ID22. The last time you shared with someone, with how many different people did you share any injection equipment?

INJL_NUM Number of people shared equipment with - last time

— — —

Range.....1-300.....

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

Last Sharing Partner, 12m

Check_INTRO_ID23_1.	<p>If R shared with more than one person, doesn't know how many people he shared with, or refuses to report how many people he shared with the last time he shared with someone (ID22 GT 1 or ID22 EQ DK or ID22 EQ REF), go to INTRO_ID23_2.</p> <p>If R shared with one person the last time he shared with someone (ID22 EQ 1), go to INTRO_ID23_1.</p>
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INTRO_ID23_1.	DISPLAY: "READ: The next questions are about this last person that you shared injection equipment with."
----------------------	--

Check_INTRO_ID23_2.	Go to ID23.
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INTRO_ID23_2.	DISPLAY: "READ: Of the people you shared injection equipment with that last time, please think of the one that you have shared with <u>most often</u> . The next few questions are about that person."
----------------------	--

ID23. Is this person male or female?

INJL_MF Sex of last injecting partner

- Male..... 1
- Female..... 2
- Other..... 3
- Don't Know..... 9
- Refuse to Answer..... 7

Check_ID24.	<p>If R's last sharing partner was male (ID23 EQ 1), go to ID24.</p> <p>Else, go to ID25.</p>
--------------------	---

[Give Respondent Flashcard R.]

As far as you know, has this person ever had sex with another man? Would you say he:

ID24. [READ choices.]

INJLEMSM Last injecting partner is MSM

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

ID25. How old is this person?

INJL_AGE Last injecting partner age

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

Which of the following best describes this person's racial or ethnic background?

ID26. [READ choices.]

INJLRACE Last injecting partner race

- American Indian or Alaska Native..... 1
- Asian..... 2
- Black or African American..... 3
- Hispanic or Latino..... 4
- Native Hawaiian or Other Pacific Islander..... 5
- White..... 6
- Don't Know..... 9
- Refuse to Answer..... 7

ID27a. The last time you shared with this person, did you know their HIV status?

IPKNWSTS Know HIV status - Last injecting partner

- No..... 0
- Yes..... 1
- Refuse to Answer..... 7

Check_ID27b. If R knew last sharing partner's HIV status (ID27a EQ 1), go to ID27b.
Else, go to ID28a.

What was their HIV status?

ID27b. [DO NOT read choices.]

INJL_HIV HIV status - Last injecting partner

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

ID28a. **The last time you shared with this person, did you know their hepatitis C status?**

IPKNWHCV Knew HCV status - last injecting partner

- No..... 0
- Yes..... 1
- Refuse to Answer..... 7

Check_ID28b. If R knew if last sharing partner had been tested for hepatitis C (ID28a EQ 1), go to ID28b.
Else, go to ID29.

What was their hepatitis C status?

ID28b. [DO NOT read choices.]

INJL_HCV HCV status - Last injecting partner

- HCV-Negative..... 1
- HCV-Positive..... 2
- Refuse to Answer..... 7

[Give Respondent Flashcard AA.]

Which of the following best describes your relationship to this person? Would you say this person was a:

ID29.

[READ choices.]

INJL_REL

Type of relationship - Last injecting partner

- Sex partner, such as your spouse, boyfriend/girlfriend, or other person you have sex with..... 1
- Relative..... 2
- Friend or someone you knew well who was not a sex partner..... 3
- Needle or drug dealer..... 4
- Stranger or someone you did not know well..... 5
- Other..... 6
- Don't Know..... 9
- Refuse to Answer..... 7

CALC_LINJ12.

LINJ12

injected in last 12 months

LINJ12 = IF((LINJN=.REF), 9, if ((LINJN=0), 1, if((C_INJ_D=1),0, if((LINJ_U=0 & LINJN<365), 1, if((LINJ_U=1 & LINJN<12), 1, if((LINJ_U=2 & LINJN < 1), 1, if((C_INJ_D=0), 1, If (((LINJ_U=2 & LINJN >1) OR (LINJ_U=1 & LINJN>12)),0,9))))))))))

Check_CALC_HETDEF.

If R did not inject in the past 12 months & IDU cycle ((LINJ12 EQ 0 or 9) & (CYCLE EQ 2)), go to CALC_ENDCORE.
 If HET cycle (CYCLE EQ 3), go to CALC_HETDEF.
 Else, go to CALC_ENDID.

CALC_HETDEF.

HETDEF

Meet HET definition

HETDEF = if ((SCHOOL=0 or SCHOOL=01 or SCHOOL=02 or SCHOOL=03 or POVERTY=1) & (GENDER=1 or GENDER=2) & (LINJ12=0 OR EVRINJ=0) & (M_FHET=1 or F_MHET=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 IDU4-HET4 QUESTIONNAIRE

NON-INJECTON 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	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
Injection Drug Use	ID3E	INJ_METH	Methamphetamine frequency - 12 months Drug injected most often - 12 months - MSM, HET
Injection Drug Use	ID4B	INJMOST1	Other drugs injected - 12 months - MSM, HET
Injection Drug Use	ID4C.2	INJMOSTE	
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_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 all prior sections ((ENDSX, ENDAL, & ENDID) are not missing).

CALC_BEGND.

BEGND Time at beginning of non-injection drug use 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. 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 and that you did not inject?

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

Check_INTRO_ND2. If R has used non-injection drugs (ND1 EQ 1), go to INTRO_ND2A.
If R did not report using non-injection drugs (ND1 EQ 0, DK or REF) & R injected methamphetamine in the past 12 months ((ID3E EQ 1, 2, 3, or 4) or (ID4B EQ 5) or (INJMOSTE EQ 1)), go to Check_ND3.
If R did not report using non-injection drugs (ND1 EQ 0, DK or REF) & did not inject methamphetamine in the past 12 months (ID3E EQ 5, DK, or REF), go to CALC_ENDND.

INTRO_ND2A. DISPLAY: “[Give Respondent Flashcard T.]

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. How often did you use marijuana?

- ND_MJ 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

ND2B. How often did you use methamphetamine, which includes meth, crystal meth, speed, or crank?

- 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

ND2C. How often did you use crack cocaine?

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

ND2D. How often did you use powder cocaine that is smoked or snorted?

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

ND2E. How often did you use downers (benzos) such as Klonopin, Valium, Ativan, or Xanax?

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

ND2F. How often did you use pain killers such as Oxycontin, Vicodin, morphine, or Percocet?

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

ND2G. How often did you use X or ecstasy?

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

ND2H. How often did you use heroin that is smoked or snorted?

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.

ND2I. How often did you use poppers, also known as amyl nitrite?

- 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 Check_ND3.

ND2J.spec. INTERVIEWER: Specify other non-injection drugs:

ND_OTHSP Other non-injection drugs

{text response; max length = 100 characters}

Check_ND3. If R is male (ES9 EQ 1) & has used methamphetamine in the past 12 months ((ID3E EQ 1, 2, 3, or 4) or (ID4B EQ 5) or (INJMOSTE EQ 1) or (ND2B EQ 1, 2, 3, or 4)), go to ND3.
If R is not male (ES9 NE 1) or does not report using methamphetamine in the past 12 months ((ID3E EQ 5, DK, or

REF) and (ND2B NE 1, 2, 3, or 4)), go to CALC_ENDND.

ND3. You told me that you used methamphetamine, which includes meth, crystal meth, speed, or crank. In the past 12 months, did you use Viagra, Levitra or Cialis at the same time you used methamphetamine?

VIAGMETH

Viagra or levitra in combination with meth -12 months

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

CALC_ENDND.

ENDND Time non-injection drug use section ended ENDND = Current time

END_ND. Go to Drug Treatment Section (TX).

NHBS IDU4-HET4 QUESTIONNAIRE

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 all prior sections ((ENDSX, ENDAL, ENDID, & ENDND) are not missing).

CALC_BEGTX.

BEGTX Time at beginning of drug treatment section BEGTX = Current time

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, methadone treatment, or 12-step programs."

TX1. Have you participated in a program to treat drug use in the past 12 months?

DRUGTX 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?

DGTXTRY Drug tx tried to get in

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 IDU4-HET4 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 interview: 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
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
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 all prior sections ((ENDSX, ENDAL, ENDID, ENDND, & ENDTX) are not missing).

CALC_BEGHT.

BEGHT Time at beginning of hiv testing section
 BEGHT = Current time

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

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 INTRO_HT11.

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 (HT3 - HT6a)

Recent HIV testing

HT3. In the past 2 years, that is, since [fill with interview month, formatted as text] [interview year -2], how many times have you had an HIV test?

TEST2YRS	Number of times tested, past 2 years	
	Range.....	0:700
	Don't Know.....	.999
	Refuse to Answer.....	.777

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-Current
	Don't Know (Year).....	9999
	Refuse to Answer (Year).....	7777

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

CALC_RCNTST_C.
 Century month version of
 RCNTST_C 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 most recent test more than 2 years before interview ((RCNTST_C LT AGO2Y_C) or (IDATEY-RCNTSTY GT 2)) & R reported 1 or more tests in past 2 years (HT3 GT 0) or if most recent test was within 24 months of interview ((RCNTST_C GE AGO2Y_C) or (IDATEY-RCNTSTY EQ 0 or 1)) & R reported 0 tests in past 2 years (HT3 EQ 0), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of tests reported). Clarify and re-enter response to current or prior item as needed." Then return to HT3.

 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_INTRO_HT5.

What was the result of your most recent HIV test?

[READ choices.]

HT4c.

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_INTRO_HT5. If recent test result was positive (HT4c EQ 2), go to Self-Reported Positive (SRP) Series.

If whether or not R tested in past 12 months is unknown (((HT4 EQ DK or REF) & (HT4conf EQ DK or REF)) or ((RCNTSTY=IDATEY-1) & (HT4conf EQ DK or REF))), go to INTRO_HT11.

If recent test not positive (HT4c NE 2) & R tested in past 12 months ((RCNTST_C GE AGO12M_C) or (HT4conf EQ 1) or (RCNTSTM is missing & (IDATEY=RCNTSTY))), go to INTRO_HT5.

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.

INTRO_HT5. DISPLAY: READ: "A rapid home HIV test is a test you can use to test yourself that can provide the result in about 20 minutes or less."

HT5.

RHTST12M

During the past 12 months, that is, since [fill with interview month, formatted as text] of last year, how many times have you tested yourself with a rapid home HIV test?

Times tested, rapid home test,12 months	
Range.....	0-700
Don't Know.....	999
Refuse to Answer.....	777

Check_BarrierstoHIVTesting Go to INTRO_HT11.

Barriers to HIV Testing

Universe_Barriers. R's who have NOT tested in the past 12 months (HT1 EQ 0, DK, or REF) 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 most important reason you have not been tested for HIV in the past 12 months?

HT6.

RENT12M

[READ choices.]	
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 INTRO_HT11.

HT6a. What was the **most important reason** 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 INTRO_HT11.

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

Self-Reported HIV-positive (SRP) Series (HT7 – HT7g)

HT7. When did you **first** test positive? Please tell me the month and year.
 POS1ST Date of first positive test

___ / ___ (MM/YYYY)
 Range (Year)1900-Current
 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.
 Century month version of POS

POS1ST_C 1ST date $POS1ST_C = ((POS1STY-1900)*12) + POS1STM$

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

HardEdit_HT7.

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

If date R first tested positive before date of birth (HT7 BEFORE ES1), DISPLAY: "INTERVIEWER: The date respondent first tested HIV-positive cannot be before the date of birth, [fill with response to ES1, formatted as Month DD, YYYY]." Then go back to HT7.

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

If date R first tested positive within past 2 yrs ((POS1ST_C GE AGO2Y_C) or (IDATEY-POS1STY EQ 0 or 1)) & R reported 0 tests in the past two years (HT3 EQ 0), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of tests in past 2 years). Clarify and re-enter response to current or prior item as needed." Then go back to HT3.

Else, go to HT7a.

Where did you first test positive?

HT7a.	[DO NOT READ choices.]	
LOC1POS	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

After you tested positive, were you asked by someone from the health department or your health care provider to give the names of your sex or drug use partners so they could be notified that they may have been exposed to HIV?

HT7b.	Asked about your sex partners	
POSASKED	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

Check_HT7c. If R was asked about partners (HT7b EQ 1), go to HT7c.
 Else, go to HT7d.

HT7c. Did you give the names or contact information of any of your partners when asked?

POSCONT	Gave names or contact information of partners when asked	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

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

HT7d.	Told where to get HIV care	
TLDCARE	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

Before your first positive test [if month & year of first positive test are known, fill with response to HT7, formatted as "in month, YYYY"; if month missing but year known, fill with response to HT7 (year), formatted as "in YYYY"; if month & year of first positive test not reported (HT7 EQ DK or REF), fill with "that last time"], **did you ever have a negative HIV test? By negative HIV test, I mean the test showed you did NOT have HIV infection.**

HT7e.
 NEGBEF

Ever had negative HIV test before 1st positive

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

Check_HT7e.1. If R ever tested negative before 1st positive test (HT7e EQ 1), go to HT7e.1.
 Else, go to HT7f.

HT7e.1.
 WHLSTNG

What was the month and year that you got your last negative HIV test? Tell me when you got your last test, not when you got your results.

When did you get your last HIV negative test
 ___ / ___ (MM/YYYY)
 Range (Year)1900-Current
 Don't Know (Year)..... 9999
 Refuse to Answer (Year)..... 7777

Check_CALC_LSTNG_C. If R did not report when they got last negative test (HT7e.1 EQ DK or REF), go to HT7a.
 Else, go to CALC_LSTNG_C.

CALC_LSTNG_C.
 LSTNG_C Century month version of
 WHLSTNG date $LSTNG_C = ((WHLSTNGY - 1900) * 12) + WHLSTNGM$

SoftEdit_HT7e.1. If year of last negative HIV test before 1985 (HT7e.1 (year) LT 1985), DISPLAY: "INTERVIEWER: HIV testing was not widely available before 1985. Please confirm the year of respondent's last negative HIV test. If [fill with response to HT7e.1 (year)] is NOT correct, please go back to the previous screen and re-enter the correct year." Then go to HardEdit_HT7e.1.

HardEdit_HT7e.1 If the date of the last negative HIV test after interview date ((LSTNG_C GT IDATE_C) or (WHLSTNGY AFTER IDATEY)), DISPLAY: "INTERVIEWER: The date of the last negative HIV test cannot be after today's date." Then go back to HT7e.1.

If the date of the last negative HIV test before date of birth (HT7e.1 BEFORE ES1), DISPLAY: "INTERVIEWER: The date of the last negative HIV test cannot be before the date of birth, [fill with response to ES1, formatted as Month DD, YYYY]." Then go back to HT7e.1.

If the date of last negative test after first positive test ((LSTNG_C GT POS1ST_C) or (WHLSTNGY AFTER POS1STY)), DISPLAY: "INTERVIEWER: The date of the last negative HIV test cannot be after the first positive test [if month & year of first positive test are known, fill with response to HT7, formatted as "in month, YYYY"; if month missing but year known, fill with response to HT7 (year), formatted as "in YYYY"]." Then go back to HT7e.1.

If the recent test was positive (HT4c EQ 2) and date of last negative test after most recent test ((LSTNG_C GE RCNTST_C) or (WHLSTNGY AFTER RCNTSTY)) DISPLAY: "INTERVIEWER: The date of the last negative HIV test cannot be on or after the date of the first positive test [if month & year of first positive test are known, fill with response to HT7, formatted as "in month, YYYY"; if month missing but year known, fill with response to HT7

(year), formatted as "in YYYY". Then go back to HT7e.1.

If HT7e.1 within past 2 yrs ((LSTNG_C GE AGO2Y_C) or (IDATEY- WHLSTNGY EQ 0 or 1)) & R did not report testing in the past 2 years (HT3 EQ 0), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of tests in past 2 years). Clarify and re-enter response to current or prior item as needed." Then go back to HT3.

Else, go to HT7f.

In the 2 years before your first positive test [if month & year of first positive test are known, fill with response to HT7, formatted as "in month, YYYY"; if month missing but year known, fill with response to HT7 (year), formatted as "in YYYY"; if month & year of first positive test not reported (HT7 EQ DK or REF), fill with "that last time"], **how many times did you get tested for HIV? Don't include your first positive test in that total number.**

HT7f.

BFPSNUM1

Times tested before 1st positive test

Range.....	0-700
Don't Know.....	999
Refuse to Answer.....	777

HardEdit_HT7f.1. If R reported testing 0 times in the 2 years prior to the first positive test (HT7f EQ 0), R tested at least twice in past 2 years (HT3 GT 1), & R's first positive test date was within the past two years ((POS1ST_C GE AGO2Y_C) or (IDATEY- POS1STY EQ 0 or 1)) DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of tests in past 2 years). Clarify and re-enter response to current or prior item as needed." Then go back to HT3.

Linkage to Care

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

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?

HT8.

POSMD

Seen health care provider for HIV infection

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

Check_HT8a. If R has never been seen for HIV care, (HT8 EQ 0), go to HT8a.
 If R has ever been seen for HIV care (HT8 EQ 1), go to HT8b.
 Else, go to INTRO_HT11.

What is the main reason you have never gone to a health care provider for a medical evaluation or care related to your HIV infection?

HT8a.

POSRNHC

[DO NOT read choices.]

Reason never went to HCP for HIV care

Felt good.....	1
Didn't want to think about being HIV-positive, in denial.....	2

Didn't have money or insurance.....	3
Inconvenient (location, hours, time, etc.).....	4
Drinking or using drugs.....	5
Appointment pending.....	6
Couldn't find health care provider.....	7
Fear or afraid.....	8
Incarcerated.....	9
Other.....	10
Don't know.....	99
Refuse to Answer.....	77

Check_HT8a.1. If R does not report 'Other' (HT8a NE 10), go to Check_HT8b.
 Else, go to HT8a.1.

HT8a.1. **INTERVIEWER: Type in other reason respondent never sought HIV care.**
 SPECNSC Other reason never went to HCP for HIV care

 {text response; max length = 100 characters}

Check_HT8b. Go to INTRO_HT11.

HT8b. **When did you first go to your health care provider after learning you had HIV? Please tell me the month and year.**

FRSTMD First saw health care provider after learning HIV+
 ___ / ___ (MM/YYYY)
 Range (Year) 1900-Current
 Don't Know (Year)..... 9999
 Refuse to Answer (Year)..... 7777

Check_CALC_FRSTMD_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_FRSTMD_C.

CALC_FRSTMD_C. Century month version of
 FRSTMD_C FIRST MD date $FRSTMD_C = (FRSTMDY - 1900) * 12 + FRSTMDM$

HardEdit_HT8b. If R's date of first visit for HIV care is after date of interview ((FRSTMD_C GT IDATE_C) or (FRSTMDY 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 FRSTMD_C) or (POS1STY AFTER FRSTMDY)), 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 difference between first visit for HIV care date & first HIV-positive test date is LE three months ((FRSTMD_C - POS1ST_C) LE 3) or if R refused to report date of first visit for HIV care or date of first positive test result (HT8b or HT7 EQ REF), go to HT8d.

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 (FRSTMDM is missing or POS1STM is missing), go to HT8b.1.

If difference between first visit for HIV care date and first HIV-positive test date is GT three months (FRSTMD_C - POS1ST_C GT 3) or if difference between year of first visit for HIV care & year of first positive test is GT 1 (FRSTMDY- POS1STY GT 1), go to HT8c.

Else, go to HT8c.

HT8b.1. **Did you first go to your health care provider for HIV care more than 3 months after learning you had HIV?**
 C_FRSTMD Confirm: 1st MD visit more than 3 months before 1st HIV-pos Dx

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

Check_HT8c. If R's first HIV care visit GT 3 months after 1st HIV-positive diagnosis (HT8b.1. EQ 1) go to HT8c.
 Else, go to HT8d.

Some people go to a health care provider soon after learning they are positive; others do not. What is the main reason you didn't go to a health care provider soon after you learned of your HIV infection?

HT8c. [DO NOT read choices.]
 RDELYHC Main reason delayed visit to HCP for HIV care

Felt good.....	1
Didn't want to think about being HIV-positive, in denial.....	2
Didn't have money or insurance.....	3
Inconvenient (location, hours, time, etc.).....	4
Drinking or using drugs.....	5
Unable to get earlier appointment.....	6
Couldn't find health care provider.....	7
Fear or afraid.....	8
Incarcerated.....	9
Other.....	10
Don't Know.....	99
Refuse to Answer.....	77

Check_HT8c.1. If R's reason for not going for first HIV care visit soon after first HIV-positive test result is 'other' (HT8c EQ 10), go to HT8c.1.
 Else, go to HT8d.

HT8c.1. **INTERVIEWER: Type in other reason respondent did not seek HIV care soon after diagnosis:**
 SPECRCAD Specified reason delayed visit to HCP for HIV care

{text response; max length = 100 characters}

HT8d. 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-Current
 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 (HT8d EQ DK or REF), go to Check_HT8d.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_HT8d. 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 HT8d.

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 HT8d.

If R's date of last visit for HIV care is before date of first visit for HIV care ((LASTMD_C LT FRSTMD_C) or
 (FRSTMDY 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 HT8d.

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 HT8d.

Else, go to Check_HT8d.1.

Check_HT8d.1. If difference between year of interview and year of last visit for HIV care GT 1 (IDATEY - LASTMDY GT 1), go to
 HT8e.
 If R refused to report date of last visit for HIV care (HT8d EQ REF), go to HT9.
 If R's date of last visit for HIV care within 6 months of interview ((LASTMD_C GE AGO6M_C)), go to HT9.
 Else, go to HT8d.1.

HT8d.1. Was your last visit for HIV care in the past 6 months?
 C_LASTMD Last HIV care in the past 6 months - n/y

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

Check_HT8e. If R's last visit for HIV care was not in the last 6 months (HT8d.1. EQ 0), go to HT8e.
 Else, go to HT9.

What is the main reason you have not gone to a health care provider for HIV care in the past 6 months?

HT8e.	[DO NOT read choices.]	
REANOHC	Main reason not seen HCP in 6 mos	
	Felt good.....	1
	Didn't want to think about being HIV-positive, in denial.....	2
	Didn't have money or insurance.....	3
	Inconvenient (location, hours, time, etc.).....	4
	Drinking or using drugs.....	5
	Appointment pending.....	6
	Couldn't find health care provider.....	7
	Fear or afraid.....	8
	Incarcerated.....	9
	Other.....	10
	Don't Know.....	99
	Refuse to Answer.....	77

Check_HT8e.1. If R's reason for not going to HCP in past 6 months is 'other' (HT8e EQ 10), go to HT8e.1. Else, go to HT9.

HT8e.1. **INTERVIEWER: Type in other reason respondent has not sought HIV care in past 6 months:**
 SPECDCSC Specified reason not seen HCP in 6 mos

 {text response; max length = 100 characters}

HIV Medications

Universe_HIV Medications. Rs who reported having seen a health care provider for HIV care (HT8 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

Check_HT9a. If R is currently taking ARVs or did not respond (HT9 EQ 1, DK or REF), go to INTRO_HT10. Else, go to HT9a.

What is the main reason you are not currently taking any antiretroviral medicines?

HT9a.	[DO NOT read choices.]	
WHNOARV	Main reason not currently taking ARVs	
	Feel good.....	1

Doctor advised to delay treatment.....	2
Don't want to think about being HIV-positive, in denial.....	3
Worried about side effects.....	4
Don't have money or insurance.....	5
Drinking or using drugs.....	6
Recently into medical care.....	7
Unable to adhere to medication.....	8
Other.....	9
Don't Know.....	99
Refuse to Answer.....	77

Check_HT9a.1. If R's reason for not currently taking ARVs is 'other' (HT9a EQ 9), go to HT9a.1. Else, go to INTRO_HT10.

HT9a.1. **INTERVIEWER: Type in other reason respondent is not currently taking ARVs:**
 SPECNOM Other reason not taking ARVs

 {text response; max length = 100 characters}

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 INTRO_HT11. Else, go to HT10a.

HT10a. **When was your most recent viral load test? Please tell me the month and year.**
 RCVLSTST Date of most recent VL
 ___ / ___ (MM/YYYY)
 Range (Year)1900-Current
 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 RCVLSTST date
 $VLTST_C = (RCVLSTST - 1900) * 12 + RCVLSTST$

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 visit for HIV care ((VLTST_C LT FRSTMD_C) or (FRSTMDY AFTER RCVLTSTY)), DISPLAY: "**INTERVIEWER:** The date of respondent's most recent viral load test cannot be earlier than the date of the first visit." Then, go back to HT10a.

If R's date of most recent viral load test is after date of last visit for HIV care ((VLTST_C GT LASTMD_C) or (RCVLTSTY AFTER LASTMDY)), DISPLAY: "**INTERVIEWER:** The date of respondent's most recent viral load test cannot be later than the date of the last visit." 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 BB.]

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

UNIVERSE_HIV Stigma. All R's

HIV Stigma

INTRO_HT11. DISPLAY: "READ: Now I'm going to read you some statements. Please tell me how strongly you agree or disagree with each statement, using the options on this card.
 [Give Respondent Flashcard H.]"

The first statement is...Most people in [fill with project area (city name from IE2)] would discriminate against someone with HIV. Do you...

- HT11.** [READ choices.]
 PHIVDISC Perceived discrimination against someone with HIV
- Strongly agree..... 1
 - Agree..... 2

Neither agree nor disagree.....	3
Disagree.....	4
Strongly disagree.....	5
Don't Know.....	9
Refuse to Answer.....	7

Most people in [fill with project area (city name from IE2)] would support the rights of a person with HIV to live and work wherever they wanted to. Do you...

HT12.
PSUPPHIV

[READ choices.]
Perceived support of rights of persons with HIV

Strongly agree.....	1
Agree.....	2
Neither agree nor disagree.....	3
Disagree.....	4
Strongly disagree.....	5
Don't Know.....	9
Refuse to Answer.....	7

Most people in [fill with project area (city name from IE2)] would not be friends with someone with HIV. Do you...

HT13.
PERFRHIV

[READ choices.]
Perceived friendships with persons with HIV

Strongly agree.....	1
Agree.....	2
Neither agree nor disagree.....	3
Disagree.....	4
Strongly disagree.....	5
Don't Know.....	9
Refuse to Answer.....	7

Most people in [fill with project area (city name from IE2)] think that people who got HIV through sex or drug use have gotten what they deserve. Do you...

HT14.
PPUNISHH

[READ choices.]
Belief people with HIV got what they deserved

Strongly agree.....	1
Agree.....	2
Neither agree nor disagree.....	3
Disagree.....	4
Strongly disagree.....	5
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 IDU4-HET4 QUESTIONNAIRE

HEALTH CONDITIONS (HC)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
Preloaded Variables	--	AGE	QDS calculated age today
Preloaded variables	--	CYCLE	NHBS Cycle
Preloaded variables	--	IDATEM	Interview date: Month
Preloaded variables	--	IDATED	Interview date: day
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
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
Drug Treatment	---	ENDTX	Time drug treatment section ended
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 all prior sections ((ENDSX, ENDAL, ENDID, ENDND, ENDTX, & ENDHT) are not missing).

CALC_BEGSHC.

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:Current
 Don't Know..... 9999
 Refuse to Answer..... 7777

[Give Respondent Flashcard CC.]

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

HC2b. [READ choices.]
 LOCHCTST Where most recent HCV test
 HIV counseling and testing site..... 0
 HIV/AIDS street outreach program or mobile unit..... 1
 Drug treatment program..... 2
 Needle or syringe exchange program..... 3
 Correctional facility (Jail or prison)..... 4
 Family planning or obstetrics clinic..... 5
 Public health clinic or community health center..... 6
 Don't Know..... 9
 Refuse to Answer..... 7

HC3. **Has a doctor, nurse or other health care provider ever told you that you had hepatitis C?**
 HEPEVER 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 DD.]

When were you told you had hepatitis C?

HC4a. [READ choices.]
 WHENTHC 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

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] [interview year- 1], 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, (CYCLE 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, GARDISIL), 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

INTRO_HC10a. DISPLAY: [Give Respondent Flashcard EE.]

“READ: These next questions ask how you have been feeling during the past 30 days, that is, since the [(if interview month is January, March, May, July, August, October, or December (IDATEM EQ 01, 03, 05, 07, 08, 10, or 12) & interview day is the 31st (IDATED EQ 31), fill with “1st of this month”); if interview month is March (IDATEM= 03) & interview day is the 29th or 30th (IDATED EQ 29 or 30), fill with “28th of February”; else, [[Fill with interview date][Fill with suffix] of last month]. Please tell me how you have been feeling using one of the options on this card.”

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

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

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

HC10b.	[READ choices.]
FEELHOPE	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.	[READ choices.]
FEELREST	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.	[READ choices.]
FEELSAD	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.
FELEFRT

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

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

HC10f.
FEELDOWN

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

Disability

INTRO_HC11a.	DISPLAY: "The next questions are about your overall health."
---------------------	--

HC11a.
DISDEAF

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

HC11b.
DISBLND

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

HC11c.
DISCOGN

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

HC11d. **Do you have a serious difficulty walking or climbing stairs?**

NHBS IDU4-HET4 QUESTIONNAIRE

HIV TESTING IN JAIL (JT)

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
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
Drug Treatment	---	ENDTX	Time drug treatment section ended
HIV Testing	--	ENDHT	Time HIV testing section ended
Health Conditions	--	ENDHC	Time health conditions section ended

Universe_JT. 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 all prior sections ((ENDSX, ENDAL, ENDID, ENDND, ENDTX, ENDHT, & ENDHC) are not missing).

CALC_BEGJT.

BEGJT Time at beginning of JT section
 BEGJT = Current time

INTRO_JT1. DISPLAY: "READ: Now I will ask you about your experiences with the criminal justice system."

JT1. **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
 Refused to Answer..... 7

Check_JT1a. If JT1 EQ 1, go to JT1a.
 Else, go to CALC_ENDJT.

JT1a. **During the past 12 months, that is, since [fill with interview month, formatted as text] of last year, have you been held in a detention center, jail, or prison for more than 24 hours?**
HELD12M Held or arrested past 12 months

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

NHBS IDU4-HET4 QUESTIONNAIRE
ASSESSMENT OF PREVENTION ACTIVITIES (PA)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
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
HIV Testing in Jail	--	ENDJT	Time HIV testing in jail section ended
HIV Testing	HT2	EVERPOS	Ever test positive for HIV
HIV Testing	HT4c	RCNTRST	Result most recent HIV test
HIV Testing	--	ENDHT	Time HIV testing section ended
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
Drug Treatment	---	ENDTX	Time drug treatment section ended
Health Conditions	--	ENDHC	Time health conditions section ended

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 all prior sections ((ENDSX, ENDAL, ENDID, ENDND, ENDTX, ENDHT, ENDHC, & ENDJT) are not missing).

CALC_BEGPA.

BEGPA Time at beginning of PA section
 BEGPA = Current time

HIV Prevention Resources

INTRO_PA1. DISPLAY: "READ: Next I'd like to ask you about HIV prevention activities that happen around here."

PA1. 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_PA1a. If R did not get any free condoms (PA1 NE 1) & R injected drugs in the past 12 months (LINJ12 or E_INJ12 EQ 1), go to Check_PA2.
If R did not get any free condoms (PA1 NE 1) and R did not report injecting drugs in the past 12 months (LINJ12 and E_INJ12 NE 1), go to INTRO_PA4.
Else, go to PA1a.

[Give Respondent Flashcard FF.]

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

- PA1a.** [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_PA2. If R injected drugs in the past 12 months (LINJ12 or E_INJ12 EQ 1) & never used a sterile needle in the past 12 months or if R did not respond (ID8= 0, DK, REF), go to PA3.
If injected drugs in the past 12 months (LINJ12 or E_INJ12 EQ 1) and used a sterile needle in the past 12 Months (ID8 NE 0, DK, REF), go to PA2.
Else, go to INTRO_PA5.

Universe_PA_IDU. Rs who injected in the past 12 months (LINJ12 or E_INJ12 EQ 1) and used a sterile needle (ID8 NE 0, DK, REF)

[Give Respondent Flashcard GG.]

In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, which place or places on this list did you get new sterile needles from?

- PA2.** [READ choices. CHECK ALL that apply.]
- LSTR Location of sterile needles
 - LSTRA HIV/AIDS-focused organization.....
 - LSTRB Needle or syringe exchange program.....
 - LSTRC IDU outreach program.....
 - LSTRD Drug or alcohol treatment program.....
 - LSTRE Doctor’s office, health center, clinic or hospital.....
 - LSTRF Pharmacy or drug store.....
 - LSTRG Friend, relative, or sex partner.....
 - LSTRH Needle or drug dealer, shooting gallery, or off the street.....
 - LSTRI Some other place.....
- Don’t Know.....99
Refuse to Answer.....77

PA2a. [Give Respondent Flashcard GG.]

In the past 12 months when you injected, what was the most common place where you got new sterile needles?

[READ choices.]

LSTRMC

Location of sterile needles -- most common

HIV/AIDS-focused organization.....	1
Needle or syringe exchange program.....	2
IDU outreach program.....	3
Drug or alcohol treatment program.....	4
Doctor's office, health center, clinic or hospital.....	5
Pharmacy or drug store.....	6
Friend, relative, or sex partner.....	7
Needle or drug dealer, shooting gallery, or off the street.....	8
Some other place.....	9
Don't Know.....	99
Refuse to Answer.....	77

PA3.
ITEM12

In the past 12 months, have you gotten any new cookers, cotton, or water?

Got kits past 12 months

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

Check_PA3a. If Rs received new works in past 12 months (PA3 EQ 1), go to PA3a.
Else, go to Intro_PA4.

[Give Respondent Flashcard GG.]

Which place or places on this list did you get those items from?

PA3a.

[READ choices. CHECK ALL that apply.]

LITEM
LITEMA
LITEMB
LITEMC
LITEMD
LITEME
LITEMF
LITEMG
LITEMH
LITEMI

Location got items

HIV/AIDS-focused organization.....	
Needle or syringe exchange program.....	
IDU outreach program.....	
Drug or alcohol treatment program.....	
Doctor's office, health center, clinic or hospital.....	
Pharmacy or drug store.....	
Friend, relative, or sex partner.....	
Needle or drug dealer, shooting gallery, or off the street.....	
Some other place.....	
Don't Know.....	99
Refuse to Answer.....	77

HIV Prevention Interventions

INTRO_PA4. DISPLAY: "READ: Next, I would like to ask about participation in HIV prevention activities.

[Give Respondent Flashcard HH.]

These activities can include either one-on-one conversations with an outreach worker, counselor, or prevention program worker about ways to prevent HIV or any organized sessions involving a small group of people to discuss ways to prevent HIV infections. Do not count situations when you had a conversation as part of an HIV test or with a group of friends."

PA4. In the past 12 months, have you had a one-on-one conversation with an outreach worker, counselor, or prevention program worker or participated in an organized group session to discuss ways to prevent HIV infections?

HIVINT12	HIV intervention past 12 mos	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

Check_PA4a. If R did not participate in a risk reduction intervention in the past 12 months (PA4 NE 1), go to INTRO_PA5. Else, go to PA4a.

[Give Respondent Flashcard II.]

Which type of organization did they work for?

PA4a.	[READ choices. CHECK ALL that apply.]	
HIVINT	HIV intervention sources	
HIVINTA	HIV/AIDS-focused organization.....	
HIVINTB	Gay, lesbian, bisexual, transgender, or queer organization	
HIVINTC	Needle or syringe exchange program.....	
HIVINTD	IDU outreach program	
HIVINTE	Doctor's office, health center, clinic, or hospital.....	
HIVINTF	Drug or alcohol treatment center.....	
HIVINTG	Other community organization.....	
HIVINTH	Some other place	
	Don't Know.....	.99
	Refuse to Answer.....	.77

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 INTRO_PA7.

PrEP/PEP/HIV Perceptions

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 topic that I am going to ask you about is the use of anti-HIV medicines, also called antiretrovirals, by people who do not have HIV to reduce their risk of becoming infected.

[Give Respondent Flashcard JJ.]

There are two types of antiretrovirals, or anti-HIV medicines, that HIV negative people can take to prevent HIV infections. The first type is called pre-exposure prophylaxis, or PrEP. PrEP is taking an antiretroviral pill, also called Truvada, every day for months or years to reduce a person's chance of getting HIV. The second type of antiretrovirals is called post-exposure prophylaxis, or PEP, which are pills taken for 28 days after a person has had a single high-risk exposure to HIV. _

I am first going to ask you about pre-exposure prophylaxis, or PrEP."

PA5. Before today, have you ever heard of people who do not have HIV taking PrEP, the antiretroviral medicine taken every day for months or years to reduce the risk of getting HIV?

HRDPREP	HIV (-) heard PrEP	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

Check_PA5a. If R has not heard of PrEP before today (PA5 NE 1), go to INTRO_PA5d
 Else, go to PA5a.

PA5a. In the past 12 months, have you had a discussion with a health care provider about taking PrEP?

ASKPREP	Discussed PrEP with HCP— 12 months	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

Check_PA5b. If R has not discussed taking PrEP with a health care provider in the past 12 months (PA5a NE 1), go to PA5c.
 Else, go to PA5b.

PA5b. In the past 12 months, when you discussed taking PrEP with a health care provider, did you receive the medicine or a prescription for the medicine?

RCVPREP	Received PrEP— 12 months	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

PA5c. In the past 12 months, have you taken PrEP to reduce the risk of getting HIV? Please remember that PrEP is the taking of pills every day for at least 2 months. Do not include times when you may have taken antiretroviral medicine for only a few days at a time.

AHMPRESX	Taken PrEP- past 12 months	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

INTRO_PA5d. DISPLAY: "READ: Next, I am going to ask you about PEP, or post-exposure prophylaxis, which are pills taken for 28 days after a person had a single high-risk exposure to HIV."

PA5d. In the past 12 months, have you taken PEP to reduce the risk of getting HIV?

AHMPOSX	Taken PEP- past 12 months	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

INTRO_PA6. DISPLAY: "READ: Next, I would like to ask about your perceptions of HIV."

In the next 12 months, do you think your chance of becoming infected with HIV is...

PA6.	[READ choices]	
RSK12MO	Risk of HIV infection, 12 mos	
	High.....	0
	Medium.....	1
	Low	2
	Don't Know.....	9
	Refuse to Answer.....	7

Intimate Partner Violence

INTRO_PA7. DISPLAY: "READ: Next, I would like to ask you about some situations that may have occurred with your sex partners."

PA7. In the past 12 months, has a partner slapped, punched, shoved, kicked, shaken or otherwise physically hurt you?

PVP12MO	Physical violence by partner, 12 mo	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

PA8. In the past 12 months, has a partner forced or pressured you to have vaginal, oral or anal sex when you did not want to?

SVP12MO	Sexual violence by partner, 12 mo	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

PA9. In the past 12 months, have you slapped, punched, shoved, kicked, shaken or otherwise physically hurt a partner?

PVR12MO	Physical violence by respondent, 12 mo	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

PA10. In the past 12 months, have you forced or pressured a partner to have vaginal, oral or anal sex?

SVR12MO	Sexual violence by respondent, 12 mo	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

CALC_ENDPA.

ENDPA	Time prevention activities section ended	ENDPA = Current time
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End_PA.	Go to End of Survey Section (END).
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NHBS IDU4-HET4 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	PA10	SVR12MO	Sexual violence by respondent, 12 mo
Preloaded Variables	--	CYCLE	NHBS Cycle
Preloaded Variables	--	LANGUAGE	Language
Eligibility Screener	ES7a	HRA	Lives in a HRA
Eligibility Screener	ES9	GENDER	Gender
Injections Drug Use	--	HETDEF	Meet HET definition
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_END6.
 If last question asked of all Rs EQ DK or REF (PA10 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(SVR12MO=0 or SVR12MO=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 Confirmation

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.]

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_END3. If R consented to HIV test after interview (END2b EQ 1), go to END3.
Else, go to END5.

END3. Do you agree to have other lab tests (if offered)?
HIVCNSTC Revised Consent to Other lab tests
No..... 0
Yes..... 1

END4. Do you agree to let us store a sample of your blood for future testing?
HIVCNSTD Revised Consent to Blood Storage
No..... 0
Yes..... 1

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
VALSPEC the respondent's answers:
Specify why not confident in answers

{text response; max length = 1000 characters}

Check_CALC_RDS If MSM cycle (CYCLE EQ 1), go to END6.
Recruiter Variables. If IDU cycle (CYCLE EQ 2), go to CALC_IDU_RCTR.
If HET cycle (CYCLE EQ 3), go to CALC_HET_RCTR.

CALC_IDU_RCTR.	
	<p>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 (IDU_RCTR=1). Else, R is NOT to receive coupons (IDU_RCTR EQ=0).</p> <p>If R IS a seed (ISEED EQ 1): If R is NOT transgender (GENDER EQ 1 or 2) & data are valid (VALIDITY EQ 1 or 2) & complete (COMPLETE EQ 1), R selected to receive coupons (IDU_RCTR =1). Else, R is NOT to receive coupons (IDU_RCTR= 0).</p>
IDU_RCTR	Eligible: IDU RDS Recruiter

Check_CALC_HET_RCTR.	Go to Check_INTRO_END6.
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CALC_HET_RCTR.	
	HET_RCTR = IF((ISEED=1 & EVRINJ=0 & HRA=1 & (VALIDITY=1 OR VALIDITY=2) & COMPLETE=1 & HETDEF=1),1, IF((ISEED=0 AND (VALIDITY=1 OR VALIDITY=2) & COMPLETE=1 & HETDEF=1),1,0))
HET_RCTR	Eligible: HET RDS Recruiter

Check_INTRO_END6.	<p>If RDS cycle & R IS eligible to recruit (CYCLE EQ 2 & IDU_RCTR EQ 1), or (CYCLE EQ 3 & HET_RCTR EQ 1), DISPLAY: "The computer SELECTED this respondent to recruit others and receive coupons." Then, go to END6.</p> <p>If RDS cycle & R NOT eligible to recruit (CYCLE EQ 2 & IDU_RCTR EQ 0) or (CYCLE EQ 3 & HET_RCTR EQ 0), DISPLAY: "The computer did NOT select this respondent to recruit others and receive coupons." Then, go to END6.</p>
--------------------------	--

INTRO_END6.	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."
--------------------	--

END6.	INTERVIEWER: Do you have any comments to add?
INTCOMM	Interviewer Comments
	No..... 0
	Yes..... 1

Check_END7.	<p>If END6 EQ 1, go to END7. Else, go to CALC_END.</p>
--------------------	---

END7.	Enter interviewer comments
INTTXT	Interviewer comments text
	----- ----- -----
	{text response; max length = 1000 characters}

CALC_END.	
END	Interview end time END = Current time

NHBS IDU4-HET4 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

- Never
- More than once a day
- Once a day
- More than once a week
- Once a week
- More than once a month
- Once a month
- Less than once a month

FLASHCARD C

- 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 D

FLASHCARD D

- 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 E

FLASHCARD E

- 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 F

FLASHCARD F

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

Flashcard G

FLASHCARD G

- 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 H

FLASHCARD H

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

Flashcard I

FLASHCARD I

- At least once a day
- At least once a week but not every day
- At least once a month but not every week
- Less than once a month
- Never

Flashcard J

FLASHCARD J

Definition of "Having Sex"

Oral, vaginal, or anal sex.

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

Flashcard K

FLASHCARD K

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 L

FLASHCARD L

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 M

FLASHCARD M

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 N

FLASHCARD N

- Birth control pills
- Birth control shots, such as Depo Provera®
- Birth control patch, such as OrthoEvra®
- Birth control ring that you insert once a month, such as NuvaRing®
- A hormonal implant placed under the skin, such as Implanon™
- A hormonal IUD that lasts for 5 years, such as Mirena®
- A copper IUD that lasts for 10 years, also called ParaGard®

Flashcard P

FLASHCARD P

- 24 years or younger
- 25-29 years
- 30-39 years
- 40-49 years
- 50 years or older

Flashcard Q

FLASHCARD Q

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 R

FLASHCARD R

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

Flashcard S

**FLASHCARD S
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 T

FLASHCARD T

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

Flashcard U

FLASHCARD U

- More than once a day
- Once a day
- More than once a week
- Once a week
- More than once a month
- Once a month
- Less than once a month

FLASHCARD V

Syringe with a needle that can be removed



Flashcard W

FLASHCARD W

- Needle or syringe exchange program
- Pharmacy or drug store
- Doctor's office, clinic, or hospital
- Friend, relative, or sex partner
- Needle or drug dealer, shooting gallery, or off the street

Flashcard X

FLASHCARD X

- Needle or syringe exchange program
- Pharmacy or drug store
- Doctor's office, clinic, or hospital
- Friend, relative, or sex partner
- Needle or drug dealer, shooting gallery, or off the street
- Other

FLASHCARD Y

- Put it in a medical waste disposal container – a Red Box
- Threw it away, for example in the trash, on the street, or in a container that is not a medical waste disposal container
- Kept it to re-use it
- Gave it or sold it to someone else to use it
- Took it to a needle or syringe exchange program
- Did something else with it

Flashcard Z

FLASHCARD Z

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

Flashcard AA

FLASHCARD AA

- Sex partner, such as your spouse, boyfriend/girlfriend, or other person you have sex with
- Relative
- Friend or someone you knew well who is not a sex partner
- Needle or drug dealer
- Stranger or someone you did not know well
- Other

Flashcard BB

FLASHCARD BB

- 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 CC

- HIV counseling and testing site
- HIV/AIDS street outreach program or mobile unit
- Drug treatment program
- Needle or syringe exchange program
- Correctional facility (jail or prison)
- Family planning or obstetrics clinic
- Public health clinic or community health center

Flashcard DD

FLASHCARD DD

- 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 EE

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

FLASHCARD FF

- 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 GG

- HIV/AIDS-focused organization
- Needle or syringe exchange program
- IDU outreach program
- Drug or alcohol treatment program
- Doctor's office, health center, clinic or hospital
- Pharmacy or drug store
- Friend, relative, or sex partner
- Needle or drug dealer, shooting gallery, or off the street
- Some other place

Flashcard HH

FLASHCARD HH

HIV Prevention Activities:

Can include either:

- One-on-one conversations with an outreach worker, counselor, or prevention program worker about ways to prevent HIV or
- Any organized sessions involving a small group of people to discuss ways to prevent HIV infections.

Do not count:

- Situations when you had a conversation as part of an HIV test or with a group of friends.

Flashcard II

FLASHCARD II

- 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
- Other community organization
- Some other place

FLASHCARD JJ

Definition of Anti-HIV Medicines, also called Antiretrovirals:

PrEP (Pre-exposure Prophylaxis):

- Taking a pill, also called Truvada, every day for months or years
- To reduce a person's chance of getting HIV

PEP (Post-exposure prophylaxis):

- Pills taken for 28 days
- After a single high-risk exposure to HIV

2014

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2015

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Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa		
					1	2	3						1			1	2	3	4	5							1	2	3
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10		
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17		
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24		
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30				25	26	27	28	29	30	31		
							30	31																					