

## NHBS Round 5 CAPI REFERENCE QUESTIONNAIRE (CRQ)

### Table of contents

Table of contents.....	1
Overview.....	2
PRE-SET AND CALCULATED VARIABLES.....	4
INTERVIEWER ENTERED INFORMATION (IE).....	6
ELIGIBILITY SCREENER (ES).....	10
CONSENT (CN).....	33
CORE INTRODUCTION (CI).....	35
NETWORK SECTION (NS).....	36
DEMOGRAPHICS (DM).....	44
SOCIAL EXPERIENCES (SO).....	52
SEXUAL BEHAVIOR (SX).....	56
ALCOHOL USE (AL).....	113
INJECTION DRUG USE (ID).....	115
NON-INJECTION DRUG USE (ND).....	130
DRUG OVERDOSE AND DRUG TREATMENT (TX).....	134
HIV TESTING EXPERIENCES (HT).....	136
HEALTH CONDITIONS (HC).....	147
JUSTICE SYSTEM EXPERIENCES AND TESTING (JT).....	153
PREVENTION ACTIVITIES (PA).....	155
END OF SURVEY (END).....	161
FLASHCARDS & CALENDARS.....	168

## Overview

### Questionnaire Sections & Abbreviations

Order in			Domain	Other topics included
CAPI	Abbreviation			
00	Overview	Overview		
0	CalcVars	Pre-set & calculated variables		
1	IE	Interviewer-entered information		
2	ES	Eligibility screener		
3	CN	Consent		
4	CI	OMB Statement & Core Introductory Statement		
5	NS	Network size (RDS cycles only)		
6	DM	Demographics		General health care access & utilization
7	SO	Social experiences (MSM cycle only)		
8	SX	Sexual behavior		
9	AL	Alcohol use		
10	ID	Injection drug use		
11	ND	Non-injection drug use		
12	TX	Drug overdose and drug treatment		
13	HT	HIV testing & care		Perceived HIV stigma
14	HC	Health conditions (STIs, hepatitis, mental health)		
15	JT	Justice system experiences & testing		
16	PA	Prevention activities		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**

<b>Term</b>	<b>Prefix / format</b>	<b>Definition</b>
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	<b>INTERVIEWER:</b>	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.
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 ROUND 5 QUESTIONNAIRE**

**PRE-SET AND CALCULATED VARIABLES**

**Variables with pre-set values**

<b>ROUND</b>	NHBS Round ROUND = "NHBS Round 5"
<b>CYCLE</b>	NHBS Cycle CYCLE = 1 (MSM) If MSM cycle CYCLE = 2 (IDU) If IDU cycle CYCLE = 3 (HET) If HET cycle
<b>LANGUAGE</b>	Language LANGUAGE = 1 IF ENGLISH LANGUAGE = 2 IF SPANISH
<b>VERSION</b>	Questionnaire Version If CYCLE=1 & LANGUAGE=1, VERSION='NHBS-MSM5 – ENGLISH, V1, [BUILD DATE]' If CYCLE=1 & LANGUAGE=2, VERSION = 'NHBS-MSM5 – SPANISH, V1, [BUILD DATE]' If CYCLE=2 & LANGUAGE=1, VERSION='NHBS-IDU5 – ENGLISH, V1, [BUILD DATE]' If CYCLE=2 & LANGUAGE=2, VERSION = 'NHBS-IDU5 – SPANISH, V1, [BUILD DATE]' If CYCLE=3 & LANGUAGE=1, VERSION='NHBS-HET5 – ENGLISH, V1, [BUILD DATE]' If CYCLE=3 & LANGUAGE=2, VERSION = 'NHBS-HET5 – SPANISH, V1, [BUILD DATE]'
<b>IDATE</b>	Interview date IDATE = Today's date {system date on device}
<b>IDATEMN</b>	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))))))))))
<b>IDATEY</b>	Interview date: Year IDATEY = If(P_YEAR="2016", 2016, If(P_YEAR="2017", 2017, If(P_YEAR="2018", 2018, If(P_YEAR="2019", 2019, 0))))
<b>START</b>	Start Time START = Current time {system time on device}
<b>DATETIME</b>	Date and time identifier DATETIME= CONCAT(IDATE, START)
<b>DATAFILE</b>	Data file name DATAFILE = Data file name
<b>QYR</b>	Current Questionnaire Year QYR = if ((CYCLE=2), 2018, if ((CYCLE=3), 2019, if ((CYCLE=1), 2017, 0)))

**MSM5\_IMP** MSM5 data collection start date  
MSM5\_IMP = June 1, 2017

**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 ROUND 5 QUESTIONNAIRE**  
**INTERVIEWER ENTERED INFORMATION (IE)**

<b>Variables from prior section(s) used in this section of the questionnaire</b>			
<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	--	MSM5_IMP	MSM5 data collection start date
Preloaded Variables	--	QYR	Current Questionnaire Year
Preloaded Variables	--	IDATE	Interview Date
Preloaded Variables	--	IDATEY	Interview Date: Year

**Universe\_IE.** All Rs.

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

**INTRO\_VERSION.** DISPLAY: "This is questionnaire version [fill with value for VERSION]."

**INTRO\_OMB.** DISPLAY: "Public reporting burden of this collection of information is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: CDC, Project Clearance Officer, 1600 Clifton Road, MS D-74, Atlanta, GA 30333, ATTN: PRA (0920-0770). Do not send the completed form to this address."

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

**IE2. City:**  
 CITY City

Atlanta, GA .....	1
Baltimore, MD.....	2
Boston, MA.....	3
Chicago, IL .....	4
Dallas, TX.....	5
Denver, CO .....	6
Detroit, MI.....	7
Houston, TX.....	9
Los Angeles, CA .....	10
Miami, FL.....	11
Memphis, TN.....	12
Nassau-Suffolk, NY.....	13
Newark, NJ .....	14
New Orleans, LA.....	15

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

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

**HardEdit\_IE3.** If IE3 not 4 digits long, DISPLAY: "**INTERVIEWER:** The Survey ID must be four digits long." Then, go back to IE3. Else, go to IE3conf1.

**IE3conf1. INTERVIEWER: The Survey ID that you entered was [fill with value entered for IE3]. Is this correct?**  
 C\_SURID Survey ID confirmation  
 No..... 0  
 Yes..... 1

**HardEdit\_IE3conf1.** If value entered for IE3 is not correct (IE3conf1 EQ 0), DISPLAY: "**INTERVIEWER:** Enter the correct Survey ID number in the next screen." Then, go back to IE3. Else, go to Check\_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  
 \_ \_ \_ \_  
 Range..... 1-9900

**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 ..... 9

**Check\_HardEdit\_IE7.** If PEA field site is unknown (IE7 EQ DK), go to IE8.  
Else, go to HardEdit\_IE7.

**HardEdit\_IE7.** If IE7 is NOT 4 digits long, DISPLAY: "**INTERVIEWER:** The PEA Field Site ID must be four alphanumeric characters long." Then, go back to IE7.  
Else, go to IE8.

**IE8. Enter the date of the recruitment event: (If unknown, select "Don't Know".)**  
PEARDATE PEA recruitment event date  
\_\_\_ / \_\_\_ / \_\_\_\_\_ (MM/DD/YYYY)  
Range (Year) ..... 1900-2100  
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.  
Else, go to SoftEditIE8.

If PEA recruitment event date known & before MSM cycle implementation date (IE8 NE DK & IE8 LT MSM5\_IMP), DISPLAY: "**INTERVIEWER:** The date of the recruitment event is before June 1, [fill with current questionnaire year (QYR)]. If this is incorrect, go back to the previous screen and re-enter the date of the recruitment event."  
**SoftEdit\_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}  
Range ..... 0-99

**HardEdit\_IE9.** If IE9 is not 2 digits long, DISPLAY: "**INTERVIEWER:** The Field Site ID must be two digits long. Please correct on next screen." Then return to IE9.  
Else, go to 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).

NHBS ROUND 5 QUESTIONNAIRE

ELIGIBILITY SCREENER (ES)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label
Preloaded variables	--	CYCLE	NHBS Cycle
Preloaded variables	--	IDATE	Interview date
Preloaded variables	--	QYR	Current Questionnaire Year
Interviewer Entered Information	IE2	CITY	City
Interviewer Entered Information	IE4	PEA	Post Event Appointment
Interviewer Entered Information	IE8	PEARDATE	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.** Time at beginning of  
**BEGSCR** screener BEGSCR = Current time

**Check\_CALC\_RDATE.** If MSM cycle (CYCLE EQ 1), go to CALC\_RDATE.  
 Else, go to ES1.

**CALC\_RDATE.** If interview is NOT a Post Event Appointment (IE4 EQ 0):  
 RDATE=IDATE  
 If interview is Post Event Appointment (IE4 EQ 1):  
**RDATE** Recruitment Date RDATE=PEARDATE

**ES1.** **What is your date of birth?**  
**DOB** Date of birth  
 \_\_\_ / \_\_\_ / \_\_\_\_\_ (MM/DD/YYYY)  
 Range (Year) ..... 1900-2100  
 Don't Know (Year)..... 9999  
 Refuse to Answer (Year)..... 7777

**Check\_CALC\_AGE.** If R did not provide date of birth (ES1 EQ DK or REF), go to ES2.  
 Else, go to HardEdit\_ES1.

**HardEdit\_ES1.** If date of birth is on or after interview date (ES1 GE IDATE), DISPLAY: "INTERVIEWER: Date of birth cannot be TODAY or later." Then, go back to ES1.  
 Else, go to CALC\_AGE.

**CALC\_AGE.**  
**AGE** QDS calculated age today Calculate age from date of birth (DOB)

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

**HardEdit\_ES1a.** If calculated age NOT correct (ES1a EQ 0), DISPLAY: "INTERVIEWER: Please hit ok to re-enter the date of birth." Then, go back to ES1.  
 Else, go to Check\_ES2.

**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 option.**

**ES3a.** [READ choices. CHECK ALL that apply.]  
 HSPTYP Hispanic Ancestry (number reported)  
 HSPTYPA Mexican  
 HSPTYPB Puerto Rican  
 HSPTYPC Cuban  
 HSPTYPD Dominican  
 HSPTYPE Another Hispanic, Latino/a, or Spanish origin  
 Don't Know..... 9  
 Refuse to Answer..... 7

**Check\_ES3spec.** If R reports 'Another' Hispanic origin (HSPTYPE EQ 1), go to ES3spec.  
 Else, go to ES4.

**ES3spec.** **What is your Hispanic, Latino/a, or Spanish origin?**  
 SPECHSP Other specified Latino origin  
 -----  
 {text response; max length = 100 characters}  
 Don't Know..... 9

Refuse to Answer ..... 7

[Give Respondent Flashcard A.]

**Which racial group or groups do you consider yourself to be in? You may choose more than one option.**

<b>ES4.</b>	[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

<b>Check_CountyofResidence.</b>	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 12, go to ES5_MEM.
	If IE2 EQ 13, go to ES5_NAU.
	If IE2 EQ 14 go to ES5_NEW.
	If IE2 EQ 15, go to ES5_NOL.
	If IE2 EQ 16, go to ES5_NYC.
	If IE2 EQ 17, go to ES5_NOR.
	If IE2 EQ 18, go to ES5_PHL.
	If IE2 EQ 19, go to ES5_PTL.
	If IE2 EQ 21, go to ES5_SDG.
	If IE2 EQ 22, go to ES5_SFO.
	If IE2 EQ 23, go to ES5_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?**

<b>ES5_ATL1.</b>	[DO NOT read choices.]	
ATLCTYR5	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 or Morgan County .....	21
Newton County.....	23
Paulding, Pickens, or Pike County.....	24
Rockdale County .....	27
Spalding County .....	28
Walton County.....	29
Other.....	88
Don't Know.....	999
Refuse to Answer.....	777

**Check\_ES5\_ATL2.** If R lives in Barrow, Bartow, Butts, Haralson, Heard, Henry, Meriwether, Morgan, Paulding, Pickens, or Pike counties (ES5\_ATL1 EQ 1, 16, 21, or 24), go to ES5\_ATL2.  
Else, go to CALC\_ATLELR5.

**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.]  
ATLBR5 Atlanta Counties live in

Barrow County .....	1
Bartow County .....	2
Butts County.....	3
Haralson County .....	16
Heard County .....	17
Henry County .....	18
Meriwether County .....	21
Morgan County .....	22
Paulding County.....	24
Pickens County.....	25
Pike County .....	26

**CALC\_ATLELR5.**

ATLELR5 = if ((ATLCTYR5=1 OR ATLCTYR5=4 OR ATLCTYR5=5 OR ATLCTYR5=6 OR ATLCTYR5=7 OR ATLCTYR5=8 OR ATLCTYR5=9 OR ATLCTYR5=10 OR ATLCTYR5=11 OR ATLCTYR5=12 OR ATLCTYR5=13 OR ATLCTYR5=14 OR ATLCTYR5=15 OR ATLCTYR5=16 OR ATLCTYR5=19 OR ATLCTYR5=20 OR ATLCTYR5=21 OR ATLCTYR5=23 OR ATLCTYR5=24 OR ATLCTYR5=27 OR ATLCTYR5=28 OR ATLCTYR5=29), 1,0)

ATLELR5 Eligible county resident: ATL

**Check\_ES5\_BLT.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

[DO NOT read choices.]

BLTCTYR5	Eligibility, Baltimore county of residence	
	Baltimore City .....	1
	Anne Arundel .....	2
	Baltimore.....	3
	Carroll .....	4
	Harford .....	5
	Howard.....	6
	Queen Anne's.....	7
	Other.....	88
	Don't Know.....	999
	Refuse to Answer.....	777

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

<b>Check_ES5_BOS.</b>	Go to CALC_E_CITY.
-----------------------	--------------------

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

**ES5\_BOS.** [DO NOT read choices.]

BOSCTYR5	Eligibility, Boston city or town of residence	
	Allston.....	1
	Back Bay .....	2
	Brookline .....	7
	Cambridge .....	8
	Chelsea .....	10
	Dorchester.....	12
	East Boston.....	14
	Fenway / Kenmore .....	15
	Jamaica Plain.....	17
	Lynn .....	18
	Malden .....	20
	Medford .....	21
	Revere.....	26
	Roxbury .....	28
	Somerville.....	29
	South Boston .....	30
	South End .....	31
	Boston (other).....	37
	Essex County (other) .....	38
	Middlesex County (other) .....	39
	Norfolk County (other) .....	40
	Plymouth County (other) .....	41
	Suffolk County (other).....	42
	Other.....	88
	Don't Know.....	999
	Refuse to Answer.....	777

<b>CALC_BSTELR5.</b>		
BSTELR5	Eligible county resident: BOS	BSTELR5 = if ((BOSCTYR5=1 OR BOSCTYR5=2 OR BOSCTYR5=7 OR BOSCTYR5=8 OR BOSCTYR5=10 OR BOSCTYR5=12 OR BOSCTYR5=14 OR BOSCTYR5=15 OR BOSCTYR5=11), 1,0)

BOSCTYR5=17 OR BOSCTYR5=18 OR BOSCTYR5=20 OR BOSCTYR5=21 OR  
 BOSCTYR5=26 OR BOSCTYR5=28 OR BOSCTYR5=29 OR BOSCTYR5=30 OR  
 BOSCTYR5=31 OR BOSCTYR5=37 OR BOSCTYR5=38 OR BOSCTYR5=39 OR  
 BOSCTYR5=40 OR BOSCTYR5=41 OR BOSCTYR5=42), 1,0)

**Check\_ES5\_CHI.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

**ES5\_CHI.** [DO NOT read choices.]  
 CHICTYR5 Eligibility, Chicago county of residence

Cook County .....	1
DuPage County .....	3
Grundy County .....	4
Kendall County .....	6
McHenry County .....	7
Will County .....	8
Other.....	88
Don't Know.....	999
Refuse to Answer.....	777

**CALC\_CHIELR5.**  
 CHIELR5 Eligible county resident: CHI  
 CHIELR5 = if ((CHICTYR5=1 OR CHICTYR5=3 OR CHICTYR5=4 OR CHICTYR5=6 OR CHICTYR5=7 OR CHICTYR5=8), 1,0)

**Check\_ES5\_DAL.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

**ES5\_DAL.** [DO NOT read choices.]  
 DALCTYR5 Eligibility, Dallas county of residence

Collin County .....	1
Dallas County .....	2
Denton County .....	4
Ellis County .....	5
Hunt County .....	6
Kaufman County .....	7
Rockwall County .....	8
Other.....	88
Don't Know.....	999
Refuse to Answer.....	777

**CALC\_DALELR5.**  
 DALELR5 Eligible county resident: DAL  
 DALELR5 = if ((DALCTYR5=1 OR DALCTYR5=2 OR DALCTYR5=4 OR DALCTYR5=5 OR DALCTYR5=6 OR DALCTYR5=7 OR DALCTYR5=8), 1,0)

**Check\_ES5\_DEN.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

**ES5\_DEN.** [DO NOT read choices.]  
 DENCTYR5 Eligibility, Denver county of residence

Adams County .....	1
Arapahoe County .....	2
Broomfield County.....	3
Clear Creek County .....	4
Denver County .....	5
Douglas County .....	6
Elbert County .....	7
Gilpin County.....	8
Jefferson County .....	9
Park County .....	10
Other.....	88
Don't Know.....	999
Refuse to Answer.....	777

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

<b>Check_ES5_DET.</b>	Go to CALC_E_CITY.
-----------------------	--------------------

**What county do you currently live in?**

<b>ES5_DET.</b>	[DO NOT read choices.]	
DETCTYR5	Eligibility, Detroit county of residence	
Macomb County .....		0
Oakland County .....		1
Wayne County.....		2
Other.....		88
Don't Know.....		999
Refuse to Answer.....		777

<b>CALC_DETCLR5.</b>		DETCLR5 = if ((DETCTYR5=0 OR DETCTYR5=1 OR DETCTYR5=2), 1,0)
DETCLR5	Eligible county resident: DET	

<b>Check_ES5_HOU.</b>	Go to CALC_E_CITY.
-----------------------	--------------------

**What county do you currently live in?**

<b>ES5_HOU.</b>	[DO NOT read choices.]	
HOUCTYR5	Eligibility, Houston county of residence	
Austin County.....		1
Brazoria County .....		2
Chambers County .....		3
Fort Bend County.....		4
Galveston County .....		5
Harris County .....		6
Liberty County.....		7
Montgomery County .....		8
Waller County .....		10
Other.....		88
Don't Know.....		999

Refuse to Answer ..... 777

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

**Check\_ES5\_LAX.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

<b>ES5_LAX.</b>	[DO NOT read choices.]	
LAXCTYR5	Eligibility, Los Angeles county of residence	
	Los Angeles County.....	1
	Other.....	88
	Don't Know.....	999
	Refuse to Answer.....	777

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

**Check\_ES5\_MIA.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

<b>ES5_MIA.</b>	[DO NOT read choices.]	
MIACTYR5	Eligibility, Miami county of residence	
	Miami-Dade County.....	1
	Other.....	88
	Don't Know.....	999
	Refuse to Answer.....	777

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

**Check\_ES5\_MEM.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

<b>ES5_MEM.</b>	[DO NOT read choices.]	
MEMCTYR5	Eligibility, Memphis county of residence	
	Fayette County, TN.....	1
	Shelby County, TN.....	2
	Tipton County, TN.....	3
	Benton County, MS.....	4
	DeSoto County, MS.....	5
	Marshall County, MS.....	6
	Tate County, MS.....	7
	Tunica County, MS.....	8
	Crittendon County, AR.....	9

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

**CALC\_MEMELR5.**

MEMELR5 = if ((MEMCTYR5=1 OR MEMCTYR5=2 OR MEMCTYR5=3 OR MEMCTYR5=4 OR MEMCTYR5=5 OR MEMCTYR5=6 OR MEMCTYR5=7 OR MEMCTYR5=8 OR MEMCTYR5=9 ), 1,0)

MEMELR5 Eligible county resident: MEM

**Check\_ES5\_NAU.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

**ES5\_NAU.** [DO NOT read choices.]  
 NAUCTYR5 Eligibility, Nassau county of residence

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

**CALC\_NAUELR5.**

NAUELR5 = if ((NAUCTYR5=1 OR NAUCTYR5=2), 1,0)

NAUELR5 Eligible county resident: NAU

**Check\_ES5\_NEW.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

**ES5\_NEW.** [DO NOT read choices.]  
 NEWCTYR5 Eligibility, Newark county of residence

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

**CALC\_NEWELR5.**

NEWELR5 = if ((NEWCTYR5=1 OR NEWCTYR5=2 OR NEWCTYR5=3 OR NEWCTYR5=4 OR NEWCTYR5=5 OR NEWCTYR5=6 OR NEWCTYR5=7 OR NEWCTYR5=8), 1,0)

NEWELR5 Eligible county resident: NEW

**Check\_ES5\_NOL.** Go to CALC\_E\_CITY.

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

<b>ES5_NOL.</b>	[DO NOT read choices.]	
NOLCTYR5	Eligibility, New Orleans parish of residence	
	Jefferson Parish.....	1
	Orleans Parish.....	2
	Plaquemines Parish.....	3
	St. Bernard Parish.....	4
	St. Charles Parish.....	5
	St. James Parish.....	6
	St. John the Baptist Parish.....	7
	St. Tammany Parish.....	8
	Other.....	88
	Don't Know.....	999
	Refuse to Answer.....	777

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

<b>Check_ES5_NYC.</b>	Go to CALC_E_CITY.
-----------------------	--------------------

**What county do you currently live in?**

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

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

**Check\_ES5\_NOR.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

**ES5\_NOR.** [DO NOT read choices.]  
**NORCTYR5** Eligibility, Norfolk county of residence

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

**CALC\_NOELR5.**

**NORCTYR5** Eligible county resident: NOR

**NOELR5** = if ((NORCTYR5=1 OR NORCTYR5=2 OR NORCTYR5=3 OR NORCTYR5=4 OR NORCTYR5=5 OR NORCTYR5=6 OR NORCTYR5=7 OR NORCTYR5=8 OR NORCTYR5=9 OR NORCTYR5=10 OR NORCTYR5=11 OR NORCTYR5=13 OR NORCTYR5=14 OR NORCTYR5=15 OR NORCTYR5=16 OR NORCTYR5=20), 1,0)

**Check\_ES5\_PHL.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

**ES5\_PHL.** [DO NOT read choices.]  
**PHLCTYR5** Eligibility, Philadelphia county of residence

Delaware County.....	3
Philadelphia County.....	5
Other.....	88
Don't Know.....	999
Refuse to Answer.....	777

**CALC\_PHELR5.**

**PHLELR5** Eligible county resident: PHL

**PHLELR5** = if ((PHLCTYR5=3 OR PHLCTYR5=5), 1,0)

**Check\_ES5\_PTL.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

**ES5\_PTL.** [DO NOT read choices.]

PTLCTYR5 Eligibility, Portland county of residence

Clackamas County, OR.....	1
Columbia County, OR .....	2
Multnomah County, OR .....	3
Washington County, OR.....	4
Yamhill County, OR.....	5
Clark County, WA.....	6
Skamania County, WA .....	7
Other.....	88
Don't Know.....	999
Refuse to Answer.....	777

<b>CALC_PTLCLR5.</b>		PTLELR5 = if ((PTLCTYR5=1 OR PTLCTYR5=2 OR PTLCTYR5=3 OR PTLCTYR5=4 OR PTLCTYR5=5 OR PTLCTYR5=6 OR PTLCTYR5=7), 1,0)
PTLELR5	Eligible county resident: PTL	

<b>Check_ES5_SDG.</b>	Go to CALC_E_CITY.
-----------------------	--------------------

**What county do you currently live in?**

**ES5\_SDG.** [DO NOT read choices.]

SDGCTYR5 Eligibility, San Diego county of residence

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

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

<b>Check_ES5_SFO.</b>	Go to CALC_E_CITY.
-----------------------	--------------------

**What county do you currently live in?**

**ES5\_SFO.** [DO NOT read choices.]

SFOCTYR5 Eligibility, San Francisco county of residence

San Francisco County.....	2
San Mateo County .....	3
Other.....	88
Don't Know.....	999
Refuse to Answer.....	777

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

<b>Check_ES5_SJN1.</b>	Go to CALC_E_CITY.
------------------------	--------------------

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

<b>ES5_SJN1.</b>	[DO NOT read choices.]	
SJNCTYR5	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 or Aibonito.....	12
	Barceloneta or Barranquitas.....	13
	Cayey, Ceiba, or Ciales.....	14
	Cidra, Comerío, or Corozal.....	15
	Dorado, Fajardo, or Florida.....	16
	Gurabo or Humacao.....	17
	Juncos, Las Piedras, or Luquillo .....	18
	Manatí, Maunabo, or Morovis.....	19
	Naguabo or Naranjito.....	20
	Orocovis.....	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\_SJNELR5.  
 If single county response entered (ES5\_SJN1 EQ 1-11 or 21), go to CALC\_SJNELR5.  
 If ES5\_SJN1 EQ 12-17, go to ES5\_SJN2.  
 If ES5\_SJN1 EQ 18-20 or 22-23, 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, return to prior screen and correct the municipality entered.**

<b>ES5_SJN2.</b>	[DO NOT read choices.]	
SJNAR5	San Juan Municipalities live in: A	
	Aguas Buenas.....	1
	Aibonito .....	2
	Barceloneta .....	4
	Barranquitas.....	5
	Cayey .....	6
	Ceiba .....	7
	Ciales.....	8
	Cidra.....	9
	Comerío .....	10

Corozal.....	11
Dorado.....	12
Fajardo.....	13
Florida.....	14
Gurabo.....	15
Humacao .....	16

**Check\_ES5\_SJN3.**                      Go to CALC\_SJNELR5.

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

<b>ES5_SJN3.</b>	[DO NOT read choices.]	
SJNBR5	San Juan Municipalities live in: B	
	Juncos .....	2
	Las Piedras.....	3
	Luquillo.....	4
	Manatí .....	5
	Maunabo .....	6
	Morovis.....	7
	Naguabo .....	8
	Naranjito.....	9
	Río Grande.....	12
	San Lorenzo.....	13
	Vega Alta .....	14
	Vega Baja.....	15
	Yabucoa .....	16

<b>CALC_SJNEL.</b>	SJNELR5 = if ((SJNCTYR5=1 OR SJNCTYR5=2 OR SJNCTYR5=3 OR SJNCTYR5=4 OR SJNCTYR5=5 OR SJNCTYR5=6 OR SJNCTYR5=7 OR SJNCTYR5=8 OR SJNCTYR5=9 OR SJNCTYR5=10 OR SJNCTYR5=11 OR SJNCTYR5=12 OR SJNCTYR5=13 OR SJNCTYR5=14 OR SJNCTYR5=15 OR SJNCTYR5=16 OR SJNCTYR5=17 OR SJNCTYR5=18 OR SJNCTYR5=19 OR SJNCTYR5=20 OR SJNCTYR5=21 OR SJNCTYR5=22 OR SJNCTYR5=23), 1,0)	
	Eligible municipality resident:	
SJNELR5	SJN	

**Check\_ES5\_SEA.**                      Go to CALC\_E\_CITY.

**What county do you currently live in?**

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

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

**Check\_ES5\_WDC.** Go to CALC\_E\_CITY.

**What county do you currently live in?**

<b>ES5_WDC.</b>	[DO NOT read choices.]	
WDCCTYR5	Eligibility, Washington DC county of residence	
	District of Columbia.....	1
	Calvert County, MD .....	2
	Charles County, MD.....	3
	Prince George's County, MD.....	4
	Alexandria City, VA .....	5
	Fairfax City, VA.....	6
	Falls Church City, VA.....	7
	Fredericksburg City, VA .....	8
	Manassas City, VA.....	9
	Manassas Park City, VA .....	10
	Arlington County, VA .....	11
	Clarke County, VA .....	12
	Culpeper County, VA .....	13
	Fairfax County, VA .....	14
	Fauquier County, VA.....	15
	Loudoun County, VA.....	16
	Prince William County, VA .....	17
	Rappahannock County, VA.....	18
	Spotsylvania County, VA .....	19
	Stafford County, VA .....	20
	Warren County, VA.....	21
	Jefferson County, WV .....	22
	Other.....	88
	Don't Know.....	999
	Refuse to Answer.....	777

**CALC\_WDCEL5.**

WDCEL5 = if ((WDCCTYR5=1 OR WDCCTYR5=2 OR WDCCTYR5=3 OR WDCCTYR5=4 OR WDCCTYR5=5 OR WDCCTYR5=6 OR WDCCTYR5=7 OR WDCCTYR5=8 OR WDCCTYR5=9 OR WDCCTYR5=10 OR WDCCTYR5=11 OR WDCCTYR5=12 OR WDCCTYR5=13 OR WDCCTYR5=14 OR WDCCTYR5=15 OR WDCCTYR5=16 OR WDCCTYR5=17 OR WDCCTYR5=18 OR WDCCTYR5=19 OR WDCCTYR5=20 OR WDCCTYR5=21 OR WDCCTYR5=22), 1,0)

WDCEL5 Eligible county resident: WDC

**CALC\_E\_CITY.**

E\_CITY = if ((ATLELR5=1 or BLTELR5=1 or BSTELR5=1 or CHIELR5=1 or DALELR5=1 or DENELR5=1 or DETELR5=1 or HOUELR5=1 or LAXELR5=1 or MEMELR5=1 or MIAELR5=1 or NAUELR5=1 or NEWELR5=1 or NOLELR5=1 or NOREL5=1 or NYCEL5=1 or PHLELR5=1 or PTELR5=1 or SDGELR5=1 or SFOELR5=1 or SJNELR5=1 or SEAELR5=1 or WDCEL5=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\_MEM. EQ 88 or ES5\_MIA. EQ 88 or ES5\_NAU. EQ 88 or ES5\_NEW. EQ 88 or ES5\_NOL. EQ 88 or ES5\_NOR. EQ 88 or ES5\_NYC. EQ 88 or ES5\_PHL. EQ 88 or ES5\_PTL. EQ 88 or ES5\_SDG. EQ 88 or ES5\_SFO. EQ 88 or ES5\_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

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Range .....	00500 - 99501
Don't Know.....	999999
Refuse to Answer.....	777777

**Check\_ES7.**                    Go to ES9.

[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

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Range .....	000100 - 999998
Don't Know.....	9999999
Refuse to Answer.....	7777777

**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?**

<b>ES8.</b>	[DO NOT read choices.]	
BIRTHSEX	Sex at birth	
	Male .....	1
	Female .....	2
	Intersex/ambiguous.....	3
	Don't Know.....	9
	Refuse to Answer.....	7

<b>ES9.</b>	<b>Do you consider yourself to be male, female or transgender?</b>	
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**

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

<b>ES9b.</b>	<b>Have you ever had oral or anal sex with a man?</b>	
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 30 days, how many times have you gone to a place where gay men hang out, meet, or socialize? These could include bars, clubs, social organizations, parks, gay businesses, bookstores, sex clubs, etc. Do not include places where you are employed.**

<b>ES9c.</b>		
ATTEND30	Venue attendance, 30 days	
	— — —	
	Range.....	0 - 700
	Don't Know.....	999
	Refuse to Answer.....	777

**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 R last injected today or did not report the last time they injected (ES11 EQ 0, DK, or REF), go to CALC\_E\_INJ12. Else, go to ES11a.

**ES11a.** [INTERVIEWER: Was this days or months or years?]  
**E\_LINJU** IDU ES : When last injected, unit  
 Days ..... 0  
 Months ..... 1  
 Years ..... 2

**CALC\_E\_INJ12.**  
**E\_INJ12** injected in last 12 months  $E\_INJ12 = \text{if} ((E\_LINJN=0), 1, \text{if} (E\_LINJU=0 \text{ and } E\_LINJN \leq 365), 1, \text{if} ((E\_LINJU=1 \text{ and } E\_LINJN \leq 12), 1, \text{if} ((E\_LINJU=2 \text{ and } E\_LINJN \leq 1), 1, 0)))$

[Give Respondent Flashcard B.]

**Which drug do you inject most often?**

**ES12.** [READ choices.]  
**E\_USINJ** Eligibility, drug usually injected  
 Speedball, which is heroin and cocaine together ..... 1  
 Heroin, by itself..... 2  
 Powder cocaine, by itself ..... 3  
 Crack cocaine, by itself..... 4  
 Methamphetamine, also known as meth, crystal meth, speed, or crank..... 5  
 Painkillers, such as Oxycontin, Dilaudid, morphine, Percocet, or Demerol ..... 6  
 Something else ..... 7  
 Don't Know..... 99

Refuse to Answer..... 77

**Check\_ES12spec.** If R most often injects 'something else' (ES12 EQ 7), go to ES12spec.  
Else, go to ES13.

**ES12spec.** **INTERVIEWER: Specify other injection drug**  
SPECE\_ID Specify other injection drug

-----  
{text response; max characters = 100}

**Where on your body do you usually inject?**

[**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\_INJBD Part of body injected
  - E\_INJBDA Fresh track marks
  - E\_INJBDB Needle-sized scabs
  - E\_INJBDC Abscesses
  - E\_INJBDD Old track marks or scars
  - E\_INJBDE Injects in covered area
  - E\_INJBDF Showed injection area(s) but NO physical signs
- Refuse to Answer..... 7

**HardEdit\_ES13.** If interviewer records both physical signs & 'no physical signs' of injection (E\_INJBDA EQ 1 or E\_INJBDB EQ 1 or E\_INJBDC EQ 1 or E\_INJBDD EQ 1) & E\_INJBDF EQ 1, DISPLAY: "**INTERVIEWER:** You indicated that the respondent had both physical signs and no physical signs of injection. Clarify and re-enter response to current or prior item as needed." Then go back to ES13.  
Else, go to CALC\_E\_INJSGN.

**CALC\_E\_INJSIG.**

If R has fresh track marks, needle-sized scabs, or abscesses (E\_INJBDA=1 OR E\_INJBDB=1 OR E\_INJBDC=1), E\_INJSIG EQ 1.

If R has old track marks or scars, has no physical signs of injection, or has no physical signs of injection and injects in a covered area (E\_INJBDD=1 OR E\_INJBDF=1 OR (E\_INJBDE=1 and E\_INJBDF=1)), E\_INJSIG EQ 2.

If R refused to answer (E\_INJBD= REF) or only injected in a covered area (E\_INJBDE=1 and E\_INJBDA – E\_INJBDF=0), E\_INJSIG EQ 0.

E\_INJSIG Eligible: Phy Sign Recent Injection

**Check\_ES14.** If R has only non-recent signs of injection, no physical signs of injection, or has no physical signs of injection and injects in a covered area (E\_INJSIG EQ 2), go to ES14.  
Else, go to CALC\_E\_INJCT.

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

[**INTERVIEWER:** Description could include:

**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

**ES15.** **Step-by-step, tell me how you inject your drugs.**

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

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:  
 --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.)]

ES16.  
 E\_STYP Eligibility, type of syringe used  
 Description OK ..... 1  
 Description Not OK..... 2

**CALC\_E\_INJKNW.**  
 E\_INJKNW Eligible: Injection knowledge E\_INJKNW = if ((E\_INJPRP=1 AND E\_HWINJ=1 AND E\_STYP=1),1,0)

**CALC\_E\_INJCT.**  
 E\_INJCT Eligible: Injection signs or knowledge E\_INJCT = if (E\_INJSIG=1 OR (E\_INJSIG=2 AND E\_INJKNW=1),1,0)

**Check\_HET\_Behavioral\_Eligibility.** Go to INTRO\_ES18.

**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"]?  
**C\_OS12** **Is that correct?**  
 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.**  
 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**

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

**Check\_ES20b.** If R is not able to complete the survey, go to ES20b.  
 Else, go to ES20c.

**ES20b. INTERVIEWER: Specify reason person not able to complete the interview: [CHECK ALL THAT APPLY.]**  
 E\_CAPA Eligibility: Reason not able to complete  
 E\_CAPAA Not able to understand or consent  
 E\_CAPAB Cannot speak and understand English or Spanish

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

**Check\_ES20d.** If field supervisor stated that R is not able to complete the survey for some other reason (ES20c EQ 1) and MSM or IDU cycle (CYCLE EQ 1 OR 2), go to ES20d.  
 If field supervisor stated that R is not able to complete the survey for some other reason (ES20c EQ 1) and HET cycle (CYCLE EQ 3), go to ES20e.  
 Else, go to INTRO\_Check\_CALC\_EL.

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

**Check\_ES20e.** Go to INTRO\_Check\_CALC\_EL.

**ES20e. INTERVIEWER: Specify other reason person not able to complete the interview: [CHECK ALL THAT APPLY.]**  
 E\_FSHET Eligibility: cannot complete- HET  
 E\_FSHETA Known previous participant  
 E\_FSHETB Reported age not plausible ( <18 years old )  
 E\_FSHETC Reported age not plausible ( >60 years old )

**INTRO\_Check\_CALC\_EL.** DISPLAY: "READ: We've finished the first series of questions. Now the computer will determine whether you've been selected to participate in the survey."

**Cycle Eligibility Calculation**

**Check\_CALC\_EL.** If MSM cycle (CYCLE EQ 1), go to CALC\_EL\_MSM.  
 If IDU cycle (CYCLE EQ 2), go to CALC\_EL\_IDU.  
 If HET cycle (CYCLE EQ 3), go to CALC\_EL\_HET.

**CALC\_EL\_MSM.**  
 EL\_MSM = if((DOB^=.DK AND DOB^=.REF AND AGE>17 & E\_PART=0 & E\_CITY=1 & E\_CAP=1 & E\_FS=0 & GENDER=1 & BIRTHSEX=1 & E\_EVRMSM=1),1,0)  
 EL\_MSM Eligible: MSM cycle

**CALC\_EL\_IDU.**  
 EL\_IDU = if((DOB^=.DK & DOB^=.REF & AGE>17 & E\_PART=0 & E\_CITY=1 & E\_CAP=1 & E\_FS=0 & E\_EVRINJ=1 & E\_INJ12=1 & E\_INJCT=1),1,0)  
 EL\_IDU Eligible: IDU cycle

**CALC\_EL\_HET.**  
 EL\_HET = if((DOB^=.DK & DOB^=.REF & AGE>17 & AGE<61 & E\_PART=0 & E\_CITY=1 & E\_CAP=1 & E\_FS=0 & (GENDER=1 OR GENDER=2) & (E\_VAS12=1)),1,0)  
 EL\_HET Eligible: HET cycle

**CALC\_ENDSCR.**  
 ENDSR Time eligibility screener ended ENDSR = Current time

**END\_ES.** If R NOT eligible for cycle (CYCLE EQ 1 & EL\_MSM EQ 0), or (CYCLE EQ 2 & EL\_IDU EQ 0), or (CYCLE EQ 3 & EL\_HET EQ 0), go to END Section (END).  
 If R eligible for cycle (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1),  
 DISPLAY: "READ: Congratulations! The computer has selected you to participate in the health survey. Let me tell you about it. [INTERVIEWER: Proceed with the consent process.]" Then go to Consent Section (CN).

NHBS ROUND 5 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

If R consented to HIV test (CN2 EQ 1), go to CN3a.  
 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 CN3a.  
**SoftEdit\_CN2.**

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

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

**Check\_CN3b.** If MSM cycle (CYCLE EQ 1) or HET cycle & R is female & aged 30 years or younger (CYCLE EQ 3 & GENDER EQ 2 & AGE LE 30), go to CN3b.  
 Else, go to Check\_CN4.

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

**CN3b. Do you agree to STD testing?**  
 CNSTSTD1 Consent to STD testing  
 No..... 0

Yes.....	1
Not offered.....	2

<b>Check_CN4.</b>	If R consented to HIV, hepatitis, or STD testing (CN2 EQ 1 or CN3a EQ 1 or CN3b EQ 1), go to CN4. Else, go to END_CN.
-------------------	--

**Do you agree to let us store some of your** [if R agreed to HIV or hepatitis but not STI testing ((CN2 or CN3a EQ 1) & CN3b NE 1), fill with **“blood”**; if R agreed to HIV or hepatitis & STI testing ((CN2 or CN3a EQ 1) & CN3b EQ 1), fill with **“blood and STD test sample”**; if R agreed only to STD testing ((CN2 & CN3a NE 1) & CN3b EQ 1), fill with **“STD test sample”**] **for future testing?**

**CN4.**

CNSTSTG1

Consent to specimen storage

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

<b>SoftEdit_CN4.</b>	If R consented to specimen storage (CN4 EQ 1), go to END_CN. Else, DISPLAY: <b>"INTERVIEWER: You have documented that the person DID NOT consent to storing specimens for future testing. If Respondent agreed to specimen storage, go back to the previous screen and re-enter the consent for specimen storage."</b> Then go to END_CN.
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<b>INTRO_CN5.</b>	DISPLAY: "READ: Thank you for answering the questions."
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**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

<b>END_CN.</b>	If R consented to interview (CN1 EQ 1), go to Core Introduction (CI) Section. Else, go to END9.
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**NHBS ROUND 5 QUESTIONNAIRE**

**CORE INTRODUCTION (CI)**

<b>Variables from prior section(s) used in this section of the questionnaire</b>			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
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 ROUND 5 QUESTIONNAIRE**

**NETWORK SECTION (NS)**

<b>Variables from prior section(s) used in this section of the questionnaire</b>			
<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.** Time at beginning of network section

**BEGNS** BEGNS = Current time

**IDU Network Series (INTRO\_NS1- Check Check INTRO\_NS3)**

If IDU cycle (CYCLE EQ 2) & R is not a seed (IE10 EQ 0), go to INTRO\_NS1.  
 If IDU cycle (CYCLE EQ 2) & R is a seed (IE10 EQ 1), go to INTRO\_NS2a.1.  
 If HET cycle (CYCLE EQ 3) & R is not a seed (IE10 EQ 0), go to INTRO\_NS3.  
 If HET cycle (CYCLE EQ 3) & R is a seed (IE10 EQ 1), go to INTRO\_NS4a.1.  
**Check\_INTRO\_NS1.** If MSM cycle (CYCLE EQ 1), go to CALC\_ENDNS.

**IDU Recruiter Relationship**

**INTRO\_NS1.** DISPLAY: "READ: I'm going to start by asking you about the person who gave you this coupon and about other people you know in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] who inject. Please remember that your answers will be kept private."

[Give Respondent Flashcard C.]

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

- NS1.** [READ choices. CHECK ALL that apply.]
- NS\_IREL Relationship to recruiter, IDU
  - NS\_IRELA A relative or family member
  - NS\_IRELB A person you have sex with
  - NS\_IRELC A person you use drugs with or buy drugs from
  - NS\_IRELD A friend
  - NS\_IRELE An acquaintance, that is, a person you know but do not consider a friend
  - NS\_IRELF A stranger, you don't know the person or just met them
  - Refuse to Answer.....

**HardEdit\_NS1.** If recruiter was a stranger and some other relationship type (NS\_IREF EQ 1 & NS\_IREF>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\_IREF EQ 1), go to NS1CONF.  
 If recruiter was not a stranger (NS\_IREF 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 [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] who inject and whom you have seen in the past 30 days. I will not ask you questions about any specific person."

**NS2a.1.** **Please tell me how many men in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **you know who inject and whom you have seen in the past 30 days.** [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are male."]  
**NS\_IDUMA** # male IDUs known: net size  
 Range..... 0 - 7500  
 Don't Know..... 9999  
 Refuse to Answer..... 7777

**NS2b.1.** **How many women in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **do you know who inject and whom you have seen in the past 30 days?** [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are female."]  
**NS\_IDUFE** # female IDUs known: net size  
 Range..... 0 - 7500  
 Don't Know..... 9999  
 Refuse to Answer..... 7777

**Check\_CALC\_NSC\_IDUM.** If (NS2a.1 EQ DK or REF) & (NS2b.1 EQ DK or REF), go to CALC\_ENDNS.  
 Else, go to CALC\_NSC\_IDUM.

**CALC\_NSC\_IDUM.**  
 # male IDUs known: calculated  
**NSC\_IDUM** net size  $NSC\_IDUM = \text{if}(NS\_IDUMA=.DK \text{ OR } NS\_IDUMA=.REF,0,NS\_IDUMA)$

**CALC\_NSC\_IDUF.**

NSC_IDUF	# female IDUs known: calculated net size	NSC_IDUF = if(NS_IDUFE=.DK OR NS_IDUFE=.REF,0,NS_IDUFE)
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<b>CALC_NSC_IDUS.</b>		
NSC_IDUS	# IDUs known: calculated net size	NSC_IDUS = NSC_IDUM+NSC_IDUF

<b>Check_NS2CONFa.</b>	If NSC_IDUS EQ 0, go to NS2CONFa. If NSC_IDUS EQ 1, 2, or 3, go to NS2CONFb. If NSC_IDUS GT 3, go to NS2CONFc.	
------------------------	--	--

**NS2CONFa.** **You said you don't know anyone in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **who injects that you have seen in the past 30 days. Is this correct?** [If R is not a seed (IE10 EQ 0), fill with "Did you include the person who gave you the coupon?"]

NS\_IZERO Confirmation: NSC\_IDUS = 0

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

<b>Check_NS2CONFb.</b>	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: <b>"INTERVIEWER: Please re-enter the correct network size."</b> Then, go to NS2a.2.	
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**NS2CONFb.** **Is there anyone else you know in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **who injects that you have seen in the past 30 days?** [If R is not a seed (IE10 EQ 0), fill with "Did you include the person who gave you the coupon?"]

NS\_ILOWS Confirmation: NSC\_IDUS < 4

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

<b>Check_NS2CONFc.</b>	If R does not know any other injectors (NS2CONFb EQ 0), go to CALC_ENDNS. If R does know other injectors (NS2CONFb EQ1), DISPLAY: <b>"INTERVIEWER: Please re-enter the correct network size."</b> Then, go to NS2a.2.	
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**NS2CONFc.** **So in the past 30 days, you've seen** [fill with NSC\_IDUS] **people who you know inject and who live in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]. **Would you say that** [fill with NSC\_IDUS] **people is about right?**

NS\_ICHECK 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

<b>Check_NS2a.2.</b>	If R knows fewer or more people who inject (NS2CONFc EQ 1 or 2), go to NS2a.2. Else, go to CALC_ENDNS.	
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**IDU Network Size: Second Loop**

**NS2a.2.** **Please tell me how many men in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **you know who inject and whom you have seen in the past 30 days.** [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are male."]

NS\_IDUM2 # male IDUs known: net size, 2nd loop



[Give Respondent Flashcard D.]

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

- NS3.** [READ choices. CHECK ALL that apply.]
- NS\_HREL Relationship to Recruiter, HET
- NS\_HRELA A relative or family member
- NS\_HRELB A person you have sex with
- NS\_HRELC A friend
- NS\_HRELD An acquaintance, that is, a person you know but do not consider a friend
- NS\_HRELE A stranger, you don't know the person or just met them
- Refuse to Answer ..... 7

**HardEdit\_NS3.** If recruiter was a stranger and some other relationship type (NS\_HRELE EQ 1 & NS\_HREL>1), DISPLAY: **"INTERVIEWER:** Respondent cannot choose stranger along with some other relationship type. Clarify respondent's relationship with their recruiter." Then, go back to NS3. Else, go to Check\_NS3CONF.

**Check\_NS3CONF.** If R's recruiter was a stranger (NS\_HRELE EQ 1), go to NS3CONF. If R's recruiter was not a stranger (NS\_HRELE NE 1), go to INTRO\_NS4a.1.

**When and where did you first see this person?**

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

**Check\_INTRO\_NS4a.1.** If R does not confirm that recruiter was a stranger (NS3CONF EQ 2), go back to NS3. If R confirms that recruiter was a stranger (NS3CONF EQ 1), go to INTRO\_NS4a.1.

**HET Network Size: First Loop**

**INTRO\_NS4a.1.** DISPLAY: "READ: Now, I'm going to ask you about people you know. Specifically, I'm going to ask you about how many people you know in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] whom you have seen in the past 30 days. I will not ask you any questions about any specific person."

**Please tell me how many male friends, relatives or people you associate with have you seen in the past 30 days, who are at least 18 years old, and live in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]. [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are male."]

- NS4a.1.**
- NS\_HETMA # males known: net size
  - Range..... 0 - 7500
  - Don't Know ..... 9999
  - Refuse to Answer ..... 7777

**How many female friends, relatives, or people you associate with have you seen in the past 30 days, who are at least 18 years old, and live in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]? [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are female."]

**NS4b.1.**

NS\_HETFE

# females known: net size

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

**Check\_CALC\_NSC\_HETM.** If (NS4a.1 EQ DK or REF) & (NS4b.1 EQ DK or REF), go to CALC\_ENDNS.  
 Else, go to CALC\_NSC\_HETM.

**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.

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

**NS4CONFa.**

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.

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

**NS4CONFb.**

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 (NS4CONFc EQ 0), go to CALC\_ENDNS.  
 If R does know others (NS4CONFc 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** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **and are at least 18 years old. Would you say that** [fill with NSC\_HETS] **people is about right?**

**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\_ENDNS.

**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** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]. [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are male."]

**NS\_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** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]? [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are female."]

**NS\_HETF2** # females known: net size, 2nd loop

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

**Check\_CALC\_NSC\_HETM2.** If (NS4a.2 EQ DK or REF) & (NS4b.2 EQ DK or REF), go to CALC\_ENDNS.  
 Else, go to CALC\_NSC\_HETM2.

**CALC\_NSC\_HETM2.**

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

**CALC\_NSC\_HETF2.**

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

<b>CALC_NSC_HETS2.</b>		
	# HETs known: calculated	
NSC_HETS	net size	$NSC\_HETS = NSC\_HETM + NSC\_HETF$

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

NS\_HCHK2 Confirmation: NSC\_HETS correct, 2nd loop

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

<b>CALC_ENDNS.</b>		
<b>ENDNS</b>	Time network section ended	$ENDNS = \text{Current time}$

<b>END_NS.</b>	Go to Demographic Section (DM).
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NHBS ROUND 5 QUESTIONNAIRE

DEMOGRAPHICS (DM)

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

**Universe\_DM.** All Eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1).

**CALC\_BEGDM.**  
 Time at beginning of DM section  
**BEGDM** 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..... 00500-99501  
 Don't Know..... 999999  
 Refuse to Answer..... 777777

**HardEdit\_DM2.** If response to DM2 is not 5 digits long, DISPLAY: "**INTERVIEWER:** The ZIP code you entered was [fill with response to DM2]. This number should be 5 digits long. Please re-enter the zip code." Then, go back to DM2. Else, go to DM3.

**Nativity**

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

COUNTRY [DO NOT read choices.]  
 Country of birth  
 United States..... 1  
 Mexico ..... 2  
 Puerto Rico..... 3  
 Cuba ..... 4  
 Other..... 5  
 Don't Know..... 9  
 Refuse to Answer..... 7

**Check\_DM3spec.** If R born in 'other' country (DM3 EQ 5), go to DM3spec. Else, go to Check\_DM3a.

**DM3spec. INTERVIEWER: Specify other country of birth**  
 SPECBORN Specify country of birth

-----  
 {text response; max length = 100 characters}

**Check\_DM3a.** If R interviewed in San Juan & born in Mexico, Cuba, or 'other' country (IE2 EQ 23 & DM3 EQ 2, 4, or 5) or R interviewed in any other city & born in Mexico, Puerto Rico, Cuba, or 'other' country (IE2 NE 23 & DM3 EQ 2, 3, 4, or 5), go to DM3a. Else, go to Check\_DM3b1.

**DM3a. What year did you first come to live in the United States?**  
 YEARUSA Year first came to US

\_\_\_\_\_ Range..... 1900-2100  
 Don't Know..... 9999  
 Refuse to Answer..... 7777

**HardEdit\_DM3a.** If DM3a after year of interview (DM3a AFTER IDATE (year)), DISPLAY: "**INTERVIEWER:** The year first came to US cannot be after the current year." Then, go back to DM3a. If DM3a before year of birth (DM3a BEFORE ES1 (year)), DISPLAY: "**INTERVIEWER:** The year first came to US cannot be before participant's birth year." Then, go back to DM3a. Else, go to CheckDM3b1.

**Language**

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

<b>DM3b1.</b>	<b>Do you speak a language other than English at home?</b>	
SPKOTLN	Speak language other than English at home	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Marital status**

<b>Check_DM4.</b>	If IDU or HET cycle (CYCLE EQ 2 or 3), go to DM4. Else, go to DM5.
-------------------	---

<b>DM4.</b>	<b>What is your current marital status?</b>	
	[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

<b>Check_DM4a.</b>	If current marital status is cohabitation (DM4 EQ 2), go to DM4a. Else, go to DM5.
--------------------	---

<b>DM4a.</b>	<b>Is your formal marital status separated, divorced, widowed, or never married?</b>	
MSTAT_M	Formal marital status	
	Separated.....	1
	Divorced.....	2
	Widowed.....	3
	Never married.....	4
	Don't Know.....	9
	Refuse to Answer.....	7

**Socioeconomic Status**

<b>DM5.</b>	<b>What is the highest level of education you completed?</b>	
	[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 E.]

[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 INTRO\_DM8..

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

[INTERVIEWER: Must be at least 1.]

DEPEND

Number of dependents

---	
Range.....	1-76
Don't Know.....	99
Refuse to Answer.....	77

**Health Care Access & Utilization**

**INTRO\_DM8.** DISPLAY: "The next questions are about health insurance. By health insurance, we mean health plans people get through employment or purchased directly, as well as government programs like Medicare and Medicaid that provide medical care or help pay medical bills."

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

CURRHLTH

Currently insured

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

**Check\_DM8a.** If R currently insured (DM8 EQ 1), go to DM8a.  
Else, go to DM8b.

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

[Give Respondent Flashcard F.]

[READ choices. CHECK ALL that apply.]

TYP\_INS

Type of health insurance

TYP\_INSA

A private health plan - through an employer or purchased directly

TYP\_INSB

Medicaid - for people with low incomes

TYP\_INSC

Medicare - for the elderly and people with disabilities

TYP\_INSD

Some other government plan

TYP\_INSE

TRICARE / CHAMPUS

TYP\_INSF

Veterans Administration coverage

TYP\_INSG

Some other health insurance

Don't Know.....	99
Refuse to Answer.....	77

**Check\_DM8aspec.** If R reported 'other' insurance type (TYP\_INSG EQ 1), go to DM8aspec.  
Else, go to DM8b.

**DM8aspec.**

**INTERVIEWER: Specify other health insurance or coverage:**

SPECINS

Specify other health insurance

{text response; max length = 100 characters}

**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?**

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

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

VSITMD12	Health care visit, 12 months	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_DM8e.1** If whether R saw health care provider not reported (DM8d EQ DK or REF), go to DM8f.  
If R saw health care provider (DM8d EQ 1), go to DM8e.1  
If R did NOT see health care provider (DM8d EQ 0), go to DM8e.2

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

RECCHIV	Provider offered HIV test, 12 months	
	No.....	0
	Yes.....	1
	Don't Know.....	9

Refuse to Answer..... 7

**Check\_DM8e.2.** Go to DM8f.

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

[READ choices.]

WHNLHCP When last visited health care provider

More than 1 year ago but less than 2 years ago .....	1
2 to 5 years ago.....	2
More than 5 years ago .....	3
Don't Know.....	9
Refuse to Answer.....	7

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

HCAFF Lacked health care due to cost

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

**Disability**

**INTRO\_DM9a** DISPLAY: "The next questions are about your overall health."

**DM9a. Are you deaf or do you have serious difficulty hearing?**

DISDEAF Disability - Hearing

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

**DM9b. Are you blind or do you have serious difficulty seeing, even when wearing glasses?**

DISBLND Disability - Vision

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

**DM9c. Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?**

DISCOGN Disability - Cognition

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

**DM9d. Do you have serious difficulty walking or climbing stairs?**

DISWALK Disability - Ambulation

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

<b>DM9e.</b>	<b>Do you have difficulty dressing or bathing?</b>	
DISCARE	Disability - Self-care	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7
<b>DM9f.</b>	<b>Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone, such as visiting a doctor's office or shopping?</b>	
DISERN	Disability - Errands	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**INTRO\_DM10.** If MSM cycle (CYCLE EQ 1), DISPLAY: "The next questions are about people you are attracted to."  
 If IDU or HET cycle (CYCLE EQ 2 OR 3), DISPLAY: "The next question is about people you are attracted to."

**Sexual identity**

<b>DM10.</b>	<b>Do you consider yourself to be:</b>	
	[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.**

<b>ENDDM</b>	Time demographics section ended	ENDDM = Current time
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**END\_DM.** Go to Social Experiences Section (SO).

**NHBS ROUND 5 QUESTIONNAIRE**

**SOCIAL EXPERIENCES (SO)**

<b>Variables from prior section(s) used in this section of the questionnaire</b>			
<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 SO section BEGSO = Current time

**Check\_SO1.** If MSM cycle (CYCLE EQ 1), go to SO1.  
 Else, go to CALC\_ENDSO.

**Identity disclosure**

**SO1. Have you ever told anyone that you are attracted to or have sex with men?**

OUT\_YN Disclosed sexuality - Anyone

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

**Check\_INTRO\_SO2a.** If R ever disclosed sexuality (SO1 EQ 1), go to INTRO\_SO2a.  
 Else, go to INTRO\_SO3a.

**Identity disclosure index**

**INTRO\_SO2a.** DISPLAY: "READ: I'm going to read you a list of people you may have told. Please tell me whether you have told anyone in each group of people. Have you told any..."  
  
 [READ choices. CHECK YES or NO for EACH ONE.]

**SO2a. Friends who are not gay, lesbian, or bisexual?**

OUT\_FRI Disclosed sexuality - Non-GLB friends

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

**SO2b. Family members?**

OUT\_FAM Disclosed sexuality - Family members

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

Refuse to Answer..... 7

**Check\_SO2c.** If R ever had sex with a woman (ES9a EQ 1), go to SO2c.  
Else, go to SO2d.

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

**SO2d. Health care providers?**  
OUT\_HCP Disclosed sexuality - HCP  
No..... 0  
Yes..... 1  
Don't Know..... 9  
Refuse to Answer..... 7

**MSM Discrimination**

**INTRO\_SO3a.** DISPLAY: "READ: The next questions are about things that may have happened to you in the past 12 months, that is, since [fill with interview month, formatted as text] of last year.  
  
In the past 12 months..."  
  
[READ choices. CHECK YES or NO for EACH ONE.]

**SO3a. Were you called names or insulted because someone knew or assumed you were attracted to men?**  
DISC\_VER Discrimination - Verbal  
No..... 0  
Yes..... 1  
Don't Know..... 9  
Refuse to Answer..... 7

**SO3b. Did you receive poorer service than other people in restaurants, stores, other businesses, or agencies because someone knew or assumed you were attracted to men?**  
DISC\_SVC Discrimination - Poor service  
No..... 0  
Yes..... 1  
Don't Know..... 9  
Refuse to Answer..... 7

**SO3c. Were you treated unfairly at work or school because someone knew or assumed you were attracted to men?**  
DISC\_WRK Discrimination - Work/school  
No..... 0  
Yes..... 1  
Don't Know..... 9  
Refuse to Answer..... 7  
Not Applicable..... 8

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

DISC_HC	Discrimination - Health care	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7
	Not Applicable.....	8

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

DISC_ATT	Discrimination - Phys assault	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Perceived community tolerance**

**INTRO\_SO4.**      DISPLAY: "[Give Respondent Flashcard G.]

READ: Next, I'm going to read you a statement. Please tell me how strongly you agree or disagree with it, using one of the options on this card."

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

<b>SO4.</b>	[READ choices.]	
TOLRNC	Comm. tolerance of gays and bisexuals	
	Strongly agree.....	1
	Agree.....	2
	Neither agree nor disagree.....	3
	Disagree.....	4
	Strongly disagree.....	5
	Don't Know.....	9
	Refuse to Answer.....	7

**Internet use**

**INTRO\_SO5.**      DISPLAY: "READ: The next question is about using the internet, including social network sites, like Facebook, websites directed towards gay men, like Manhunt, dating sites like OkCupid, or apps, like Grindr."

**In the past 12 months, how often have you used the internet to meet or socialize with gay men either for friendship or sex? Was it...**

[Give Respondent Flashcard H.]

<b>SO5.</b>	[READ choices.]	
MSMWEB	M_M Internet usage	
	More than once a day.....	4
	Once a day.....	3
	More than once a week.....	2
	Once a week or less.....	1
	Never.....	0
	Don't Know.....	9
	Refuse to Answer.....	7

**CALC\_ENDSO.**

**ENDSO**            Time SO section ended            ENDSO = Current time

**END\_SO.**            Go to Sexual behavior section (SX).

NHBS ROUND 5 QUESTIONNAIRE

SEXUAL BEHAVIOR (SX)

Variables from prior section(s) used in this section of the questionnaire			
Section	Question #	Variable name	Variable label
Preloaded variables	--	CYCLE	NHBS Cycle
Preloaded variables	--	AGO12M_C	12 mos before interview: Century Month
Preloaded variables	--	AGO3M_C	3 mos before interview: Century Month
Preloaded variables	--	IDATEY	Interview date: Year
Preloaded variables	--	IDATE	Interview date
Eligibility Screener	ES9	GENDER	Gender
Eligibility Screener	ES9a	E_EVRMSW	Eligibility: MSM, Ever had sex with woman
Eligibility Screener	ES9b	E_EVRMSM	Eligibility: MSM, Ever had sex with man
Eligibility Screener	--	AGE	QDS calculated age today
Consent	CN1	CONSENTA	Consent to survey
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle

**Universe\_SX.** All male & female Rs (ES9 EQ 1 or 2) who are eligible for cycle (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) & consent to interview (CN1 EQ 1).

**CALC\_BEGSX.**  
**BEGSX** Time at beginning of SX section  
 BEGSX = Current time

**Check\_INTRO\_SX.** If R is transgender or does not report gender (ES9 EQ 3, DK, or REF), go to CALC\_ENDSX.

**INTRO\_SX.** DISPLAY: "**INTERVIEWER:** Remember to read questions and definitions as worded. If respondent does not understand a sexual behavior term 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 I.]

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

**M F: Sex with female Ps, lifetime**

**Check\_SX1.** If IDU cycle (CYCLE EQ 2), go to SX1.  
If MSM or HET cycle (CYCLE EQ 1 or 3), go to SX2.

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

M_FEVER	M_F sex y/n	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_SX2.** If R ever had male-female sex (SX1 EQ 1), go to SX2.  
Else, go to CALC\_M\_FHET.

**SX2. How old were you the first time you had vaginal or anal sex with a woman?**

M_FDEBUT	M_F Age at sexual debut	
	— —	
	Range.....	0-70
	Don't Know.....	99
	Refuse to Answer.....	77

**HardEdit\_SX2.** If age of first sex greater than current age (SX2 GT AGE), DISPLAY: "INTERVIEWER: The age of first sex cannot be greater than respondent's current age ([fill with R's age (AGE)]). Please clarify and re-enter response." Then, go back to SX2.  
Else, go to SX3.

**M F: Total Ps, 12m**

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

M_FSX12	M_F Number of partners in last 12 months	
	— — — —	
	Range.....	0-7000
	Don't Know.....	9999
	Refuse to Answer.....	7777

**Check\_SX3conf.** If HET cycle (CYCLE EQ 3) & R reports 0 female partners (SX3 EQ 0), go to SX3conf.  
Else, go to Check\_INTRO\_SX4.

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

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

**HardEdit\_SX3conf.** If R reports sex with a woman in past 12 months (SX3conf. EQ 0), DISPLAY: "**INTERVIEWER:** Please clarify then re-enter the number of women respondent had sex with in the past 12 months." Then, go back to SX3. Else, go to Check\_INTRO\_SX4.

**Check\_INTRO\_SX4.** If R does not report sex with a woman in past 12 months (SX3 EQ 0, DK or REF) or (SX3conf EQ 1, DK, or REF), go to CALC\_M\_FHET.  
 If 1 female partner (SX3 EQ 1), go to INTRO\_SX4.  
 If multiple female partners (SX3 GT 1) go to INTRO\_SX5a.

**M F: Total Main & Casual Ps, 12m**

One Partner (.o)

**INTRO\_SX4.** On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual partner."  
  
 [Give Respondent Flashcard J.]  
  
 On next screen, DISPLAY: "READ: By "main partner" I mean a woman you have sex with and who you feel committed to above anyone else. This is a partner you would call your girlfriend, wife, significant other, or life partner. And by "casual partner" I mean a woman you have sex with but do not feel committed to or don't know very well."

**SX4. Was this woman a main partner or a casual partner?**

M\_F1SX

M\_F Type of partner - single

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

**Check\_INTRO\_SX5a.** Go to Check\_INTRO\_SX6a.o.

Multiple Partners (.m)

**INTRO\_SX5a.** On one screen, DISPLAY: "READ: Now I'm going to ask you to describe these sex partners as either main or casual partners. [Give Respondent Flashcard J.]"  
  
 On next screen, DISPLAY: "READ: By "main partner" I mean a woman you have sex with and who you feel committed to above anyone else. This is a partner you would call your girlfriend, wife, significant other, or life partner. And by "casual partner" I mean a woman you have sex with but do not feel committed to or don't know very well."

**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?**

**SX5a.**

M\_FMSX

M\_FM Number of main partners - 12 months

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

**HardEdit\_SX5a.** If # main partners GT total female partners (SX5a GT SX3), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX5a.

Else, go to Check\_SX5b.

**Check\_SX5b.** If # main partners EQ total female partners (SX5a EQ SX3), go to Check\_INTRO\_SX6a.o.  
Else, go to SX5b.

**SX5b. How many were casual partners?**  
M\_FCSX M\_FC Number of casual partners - 12 months

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

**HardEdit\_SX5b.** If # casual partners GT total female partners (SX5b GT SX3), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX5b.  
If # main & casual partners NE total female partners ((SX3 GT 1) & ((SX5a NE DK or REF) & (SX5b NE DK or REF)) & (SX5a + SX5b NE SX3)), DISPLAY: "**INTERVIEWER:** The number of main and casual partners is not equal to the total number of female partners. Clarify and re-enter response to current or prior item as needed." Then, go back to SX5a.  
Else, go to Check\_INTRO\_SX6a.o.

**M\_F: Main Ps - Vaginal Sex, 12m**

**Check\_INTRO\_SX6a.o.** If 1 main partner (SX4 EQ 1 or SX5a EQ 1), go to INTRO\_SX6a.o.  
If multiple main partners (SX5a GT 1), go to INTRO\_SX6a.m.  
If no main partners (SX3 EQ 1 & SX4 EQ 2, DK, or REF) or ((SX3 GT 1) & (SX5a EQ 0, DK, or REF)), go to Check\_INTRO\_SX7a.o.

VS - One Main Partner

**INTRO\_SX6a.o.** DISPLAY: "READ: Now I'm going to ask you about the female main sex partner you had in the past 12 months."

**SX6a.o. In the past 12 months, did you have vaginal sex with this woman?**

M\_FM1VS M\_FM VS partners - 12 months - y/n  
No..... 0  
Yes..... 1  
Don't Know..... 9  
Refuse to Answer..... 7

**Check\_INTRO\_SX6a.m.** Go to Check\_SX6b.o.

VS - Multiple Main Partners

**INTRO\_SX6a.m.** DISPLAY: "READ: Now I'm going to ask you about the [fill with # main partners (SX5a)] female main sex partners you had in the past 12 months."

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

M\_FMVS M\_FM VS partners - 12 months - number  
\_\_\_\_\_

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

**HardEdit\_SX6a.m.** If # main VS partners GT # main partners (SX6a.m. GT SX5a), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female main partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX6a.m.  
Else, go to Check\_SX6b.o.

**Check\_SX6b.o.** If 1 main VS partner (SX6a.o EQ 1 or SX6a.m EQ 1), go to SX6b.o.  
If multiple main VS partners (SX6a.m GT 1), go to SX6b.m.  
If no main VS partners (SX6a.o EQ 0, DK, or REF) or (SX6a.m. EQ 0, DK, or REF), go to Check\_SX6c.o.

UVS - One Main VS Partner

**SX6b.o.** In the past 12 months, did you have vaginal sex with her without using a condom?

M_FM1UVS	M_FM UVS partners - 12 months - y/n	
No.....	.....	0
Yes.....	.....	1
Don't Know.....	.....	9
Refuse to Answer.....	.....	7

**Check\_SX6b.m.** Go to Check\_SX6c.o.

UVS - Multiple Main VS Partners

**SX6b.m.** In the past 12 months, with how many of these [fill with # main VS partners (SX6a.m)] women did you have vaginal sex without using a condom?

M_FMUVS	M_FM UVS partners - 12 months - number	
— — — —	.....	
Range.....	.....	0-7000
Don't Know.....	.....	9999
Refuse to Answer.....	.....	7777

**HardEdit\_SX6b.m.** If # main UVS partners GT # main VS partners (SX6b.m. GT SX6a.m), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female main vaginal sex partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX6b.m.  
Else, go to Check\_SX6c.o.

**Check\_SX6c.o.** If 1 main partner (SX4 EQ 1or SX5a EQ 1), go to SX6c.o.  
Else, go to SX6c.m.

**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

<b>SX6c.m.</b>	<b>Of your [fill with # main partners (SX5a)] female main partners in the past 12 months, with how many did you have anal sex?</b>
M_FM AS	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

<b>SX6d.o.</b>	<b>In the past 12 months, did you have anal sex with her without using a condom?</b>
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

<b>SX6d.m.</b>	<b>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?</b>
M_FMUAS	M_FM UAS partners - 12 months - number
	— — — —
Range.....	0-7000
Don't Know.....	9999
Refuse to Answer.....	7777

**HardEdit\_SX6d.m.** If # main UAS partners GT # main AS partners (SX6d.m. GT SX6c.m), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of female main anal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX6d.m.  
Else, go to Check\_INTRO\_SX7a.o.

**M F: Casual Ps – Vaginal Sex, 12m**

**Check\_INTRO\_SX7a.o.** If 1 casual partner (SX4 EQ 2 or SX5b EQ 1), go to INTRO\_SX7a.o.  
If multiple casual partners (SX5b GT 1), go to INTRO\_SX7a.m.  
If R reports no casual partners (SX3 EQ 1 & SX4 EQ 1, DK, or REF) or ((SX3 GT 1) & (SX5b EQ 0, DK, or REF)) or (SX3 EQ SX5a) , go to CALC\_M\_FHET.

VS - One Casual Partner

**INTRO\_SX7a.o.** DISPLAY: "READ: Now I'm going to ask you about the female casual sex partner you had in the past 12 months. "

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

M_FO1VS	M_FC VS partner - 12 months - y/n	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_INTRO\_SX7a.m.** Go to Check\_SX7b.o.

VS - Multiple Casual Partners

**INTRO\_SX7a.m.** DISPLAY: "READ: Now I'm going to ask you about the [fill with "# casual partners (SX5b)"] female casual sex partners you had in the past 12 months."

**SX7a.m. Of your [fill with # casual partners (SX5b)] female casual partners in the past 12 months, with how many did you have vaginal sex?**

M_FOVS	M_FC VS partners - 12 months - number	
	_____	
	Range.....	0-7000
	Don't Know.....	9999
	Refuse to Answer.....	7777

**HardEdit\_SX7a.m.** If # casual VS partners GT # casual partners (SX7a.m. GT SX5b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX7a.m.  
Else, go to Check\_SX7b.o.

**Check\_SX7b.o.** If 1 casual VS partner (SX7a.o EQ 1 or SX7a.m. EQ 1), go to SX7b.o.  
If multiple casual VS partners (SX7a.m GT 1), go to SX7b.m.  
If no casual VS partners ((SX7a.o EQ 0, DK, or REF) or (SX7a.m. EQ 0, DK, or REF)), go to Check\_SX7c.o.

UVS - One Casual VS Partner

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

M_FO1UVS	M_FC UVS partner - 12 months - y/n	
	No.....	0
	Yes.....	1

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

**Check\_INTRO\_SX7b.m.** Go to Check\_SX7c.o.

UVS - Multiple VS Casual Partners

<b>SX7b.m.</b>	<b>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?</b>
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

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

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

**HardEdit\_SX7c.m.** If # casual AS partners GT # casual partners (SX7c.m. GT SX5b), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of female casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX7c.m. Else, go to Check\_SX7d.o.

**Check\_SX7d.o.** If 1 casual AS partner ((SX7c.o EQ 1) or (SX7c.m EQ 1)), go to SX7d.o.  
 If multiple casual AS partners (SX7c.m GT 1), go to SX7d.m.  
 If no casual AS partners ((SX7c.o EQ 0, DK, or REF) or (SX7c.m EQ 0, DK, or REF)), go to Check\_SX7e.o.

UAS - One Casual AS Partner

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

M\_FO1UAS M\_FC UAS partner - 12 months - y/n

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

**Check\_SX7d.m** Go to Check\_SX7e.o.

UAS - Multiple AS Casual Partners

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

M\_FOUAS M\_FC UAS partners - 12 months - number

— — — —

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

**HardEdit\_SX7d.m.** If # casual UAS partners GT # casual AS partners (SX7d.m GT SX7c.m), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of female casual anal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX7d.m.  
 Else, go to Check\_SX7e.o.

**Check\_SX7e.o.** If 1 casual partner (SX4 EQ 2 or SX5b EQ 1), go to SX7e.o.  
 If multiple casual partners (SX5b GT 1), go to SX7e.m.

**M F: Casual Ps – Exchange Sex, 12m**

EX - One Casual Partner

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

M\_FO1EG M\_FC Single exchange - gave

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

**Check\_SX7e.m.** Go to CALC\_M\_FHET.

EX - Multiple Casual Partners

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

**CALC\_M\_FHET.**  
**M\_FHET** M\_F HET sex (Y/N)  $M\_FHET = IF((M\_FSX12=DK \text{ or } M\_FSX12=REF), 9, IF((M\_FSX12=0), 0, IF((M\_FSX12=1), 1, if((M\_FSX12>1), 1, 0))))$

**Check\_M\_MSeries** If HET cycle & R reported 0 opposite-sex partners (CYCLE EQ 3 & M\_FHET EQ NE 1), go to CALC\_ENDCORE.  
 Else, go to M\_MSeries.

**Universe\_M\_MSeries.** All male Rs (ES9 EQ 1).

**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 K.]  
  
 On next screen, DISPLAY: "READ: For these questions, "having sex" means oral or anal sex. Oral sex means he put his mouth on your penis or you put your mouth on his penis. Anal sex means you put your penis in his anus or butt or he put his penis in your anus or butt."

**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 CALC\_BEGPXP.

**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**

**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?**

**SX11.**  
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\_BEGPXP.  
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\_BEGPXP.

**Check\_INTRO\_SX12.** If R reports more than 1 male sex partner (SX11 GT 1), go to INTRO\_SX13a.  
Else, go to INTRO\_SX12.

**M\_M: Total Main & Casual Ps, 12m**

One Partner (.o)

**INTRO\_SX12.** On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual partner.  
  
[Give Respondent Flashcard L.]"  
  
On next screen, DISPLAY: "READ: By "main partner" I mean a man you have sex with and who you feel committed to above anyone else. This is a partner you would call your boyfriend, husband, significant other, or life partner. And by "casual partner" I mean a man you have sex with but do not feel committed to or don't know very well."

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

**Check\_INTRO\_SX13a.** Go to Check\_INTRO\_SX14a.o.

Multiple Partners (.m)

**INTRO\_SX13a.** On one screen, DISPLAY: "READ: Now I'm going to ask you to describe these sex partners as either main or casual partners."  
  
[Give Respondent Flashcard L.]  
  
On next screen, DISPLAY: "READ: By "main partner" I mean a man you have sex with and who you feel committed to above anyone else. This is a partner you would call your boyfriend, husband, significant other, or life partner. And by "casual partner" I mean a man you have sex with but do not feel committed to or don't know very well."

<b>SX13a.</b>	<b>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?</b>	
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.

<b>SX13b.</b>	<b>How many were casual partners?</b>
M_MC SX	M_MC Number of casual partners - 12 months
	_____

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

**HardEdit\_SX13b.** If # casual partners GT # male partners (SX13b GT SX11), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX13b.  
 If # main & casual partners NE # male partners ((SX11 GT 1) & (SX13a NE DK or REF & SX13b NE DK or REF) & (SX13a + SX13b NE SX11)), DISPLAY: "INTERVIEWER: The number of main and casual partners is not equal to the total number of male partners. Clarify and re-enter response to current or prior item as needed." Then go back to SX13a.  
 Else, go to Check\_INTRO\_SX14a.o.

**Check\_INTRO\_SX14a.o.** If 1 main partner (SX12 EQ 1 or SX13a EQ 1), go to INTRO\_SX14a.o.  
 If multiple main partners (SX13a GT 1), go to INTRO\_SX14a.m.  
 If no main partners ((SX11 EQ 1 & SX12 EQ 2, DK, or REF) or ((SX11 GT 1) & (SX13a EQ 0, DK, or REF))), go to Check\_INTRO\_SX15a.o.

**M M: Main Ps – Anal Sex, 12m**

AS - One Main Partner

**INTRO\_SX14a.o.** DISPLAY: "READ: Now I'm going to ask you about the male main sex partner you had in the past 12 months."

**SX14a.o. In the past 12 months, did you have anal sex with this man?**

M\_MM1AS M\_MM AS partner - 12 months - y/n

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

**Check\_INTRO\_SX14a.m.** Go to Check\_SX14b.o.

AS - Multiple Main Partner

**INTRO\_SX14a.m.** DISPLAY: "READ: Now I'm going to ask you about the [fill with # main partners (SX13a)] male main sex partners you had in the past 12 months."

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

M\_MMAS M\_MM AS partners - 12 months - number

\_\_\_\_\_

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

**HardEdit\_SX14a.m.** If # main AS partners GT # main partners (SX14a.m GT SX13a), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male main partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX14a.m.  
 Else, go to Check\_SX14b.o.

**Check\_SX14b.o.** If 1 main AS partner (SX14a.o EQ 1) or (SX14a.m EQ 1), go to SX14b.o.  
 If multiple main AS partners (SX14a.m GT 1), go to SX14b.m.  
 If no AS partners (SX14a.o EQ 0, DK, or REF) or (SX14a.m EQ 0, DK, or REF), go to Check\_INTRO\_SX15a.o.

UAS - One Main AS Partner

**SX14b.o. In the past 12 months, did you have anal sex with him without using a condom?**  
 M\_MM1UAS M\_MM UAS partner - 12 months - y/n

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

**Check\_SX14b.m.** Go to Check\_INTRO\_SX15a.o.

UAS - Multiple Main AS Partners

**SX14b.m. In the past 12 months, with how many of these [fill with # of main AS partners (SX14a.m)] men did you have anal sex without using a condom?**  
 M\_MMUAS M\_MM UAS partners - 12 months - number

\_\_\_ \_ \_ \_

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

**HardEdit\_SX14b.m.** If # main UAS partners GT main AS partners (SX14b.m GT SX14a.m) DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male main anal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX14b.m.  
 Else, go to Check\_INTRO\_SX15a.o.

**M\_M: Casual Ps – Anal Sex, 12m**

**Check\_INTRO\_SX15a.o.** If 1 casual partner (SX12 EQ 2 or SX13b EQ 1), go to INTRO\_SX15a.o.  
 If multiple casual partners (SX13b GT 1), go to INTRO\_SX15a.m.  
 If R reports no casual partners ((SX11 EQ 1 & SX12 EQ 1, DK, or REF) or ((SX11 GT 1) & (SX13b EQ 0, DK, or REF)), or (SX11 EQ SX13a)), go to CALC\_BEGPXP.

AS - One Casual Partner

**INTRO\_SX15a.o.** DISPLAY: "READ: Now I'm going to ask you about the male casual sex partner you had in the past 12 months. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

**SX15a.o. In the past 12 months, did you have anal sex with this man?**  
 M\_MO1AS M\_MC AS partner - 12 months - y/n

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

**Check\_SX15a.m.** Go to Check\_SX15b.o.

AS - Multiple Casual Partners

**INTRO\_SX15a.m.** DISPLAY: "READ: Now I'm going to ask you about the [fill with # casual partners (SX13b)] male casual sex partners you had in the past 12 months. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

**SX15a.m.** **Of your [fill with # casual partners (SX13b)] male casual partners in the past 12 months, with how many did you have anal sex?**

M\_MOAS M\_MC AS partners - 12 months - number

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

**HardEdit\_SX15a.m.** If # male casual AS partners GT # male casual partners (SX15a.m. GT SX13b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX15a.m.  
 Else, go to Check\_SX15b.o.

**Check\_SX15b.o.** If 1 casual AS partner ((SX15a.o EQ 1) or (SX15a.m. EQ 1)), go to SX15b.o.  
 If multiple casual AS partners (SX15a.m GT 1), go to SX15b.m.  
 If no casual AS partners ((SX15a.o EQ 0, DK, or REF) or (SX15a.m EQ 0, DK, or REF)), go to Check\_SX15c.o.

UAS - One Casual AS Partner

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

M\_MO1UAS M\_MC UAS partner - 12 months - y/n

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

**Check\_SX15b.m.** Go to Check\_SX15c.o.

UAS - Multiple Casual AS Partners

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

M\_MOUAS M\_MC UAS partners - 12 months - number

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

**HardEdit\_SX15b.m.** If # casual UAS partners GT # of casual AS partners (SX15b.m. GT SX15a.m.), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual anal sex partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX15b.m.  
 Else, go to Check\_SX15c.o..

**M M: Casual Ps – Exchange Sex, 12m**

**Check\_SX15c.o.** If 1 male casual partner (SX12 EQ 2 or SX13b EQ 1), go to SX15c.o.  
 If multiple male casual partners (SX13b GT 1), go to SX15c.m.  
 If R reports no male casual partners ((SX11 EQ 1 & SX12 EQ 1, DK, or REF) or ((SX11 GT 1) & (SX13b EQ 0, DK, or REF) OR (SX11 EQ SX13a)), go to CALC\_BEGPXP.

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\_BEGPXP.

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\_BEGPXP.

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

**F M: Sex with male Ps, lifetime**

**Check\_SX17.** If IDU cycle (CYCLE EQ 2), go to SX17.  
If HET cycle (CYCLE EQ 3), go to SX18.

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

F_MEVER	F_M sex y/no	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_SX18.** If R ever had sex with male partner (SX17 EQ 1), go to SX18.  
Else, go to CALC\_F\_MHET.

**SX18. How old were you the first time you had 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 reports 0 male partners (SX19 EQ 0), go to SX19conf. Else, go to Check\_INTRO\_SX20.

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

C\_F\_M F\_M Conf. had sex in past year - HET

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

**HardEdit\_SX19conf.** If R reports sex with a man in past 12 months (SX19conf. EQ 0), DISPLAY: "INTERVIEWER: Please clarify then re-enter the number of men respondent had sex with in the past 12 months." Then, go back to SX19. Else, go to Check\_INTRO\_SX20.

**Check\_INTRO\_SX20.** If R does not report sex with a man in past 12 months (SX19 EQ 0, DK or REF) or (SX19conf EQ 1, DK, or REF), go to CALC\_F\_MHET.  
If R reports 1 sex partner (SX19 EQ 1), go to INTRO\_SX20.  
If R reports more than 1 sex partner (SX19 GT 1) go to INTRO\_SX21a.

**F M: Total Main & Casual Ps, 12m**

One Partner (.o)

**INTRO\_SX20.** On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual partner.  
  
[Give Respondent Flashcard L.]"  
  
On next screen, DISPLAY: "READ: By "main partner" I mean a man you have sex with and who you feel committed to above anyone else. This is a partner you would call your boyfriend, husband, significant other, or life partner. And by "casual partner" I mean a man you have sex with but do not feel committed to or don't know very well."

**SX20.** Was this man a main partner or a casual partner?

F\_M1SX F\_M Type of partner - single

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

**Check\_INTRO\_SX21a.** Go to Check\_INTRO\_SX22a.o.

Multiple Partners (.m)

**INTRO\_SX21a.** On one screen, DISPLAY: "READ: Now I'm going to ask you to describe these sex partners as either main or casual partners.  
  
[Give Respondent Flashcard L.]"  
  
On next screen, DISPLAY: "READ: By "main partner" I mean a man you have sex with and who you feel committed to above anyone else. This is a partner you would call your boyfriend, husband, significant other, or life partner. And by "casual partner" I mean a man you have sex with but do not feel committed to or don't know very well."

**SX21a.** **Of the [fill with "# male partners (SX19)"] men you've had oral, vaginal, or anal sex within the past 12 months, how many of them were main partners?**  
**F\_MMSX** F\_MM Number of main partners - 12 months  
 \_ \_ \_ \_ \_  
 Range..... 0-7000  
 Don't Know..... 9999  
 Refuse to Answer..... 7777

**HardEdit\_SX21a.** If # main partners GT # male partners (SX21a GT SX19), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX21a.  
 Else, go to Check\_SX21b.

**Check\_SX21b.** If # male main partners EQ # male partners (SX21a EQ SX19), go to INTRO\_SX22a.m.  
 Else, go to SX21b.

**SX21b.** **How many were casual partners?**  
**F\_MCSX** F\_MC Number of casual partners - 12 months  
 \_ \_ \_ \_ \_  
 Range..... 0-7000  
 Don't Know..... 9999  
 Refuse to Answer..... 7777

**HardEdit\_SX21b.** If # casual partners GT # male partners (SX21b GT SX19), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX21b.  
 If # main & casual partners NE # male partners (SX19 GT 1) & ((SX21a NE DK or REF) & (SX21b NE DK or REF)) & ((SX21a + SX21b) NE SX19), DISPLAY: "**INTERVIEWER:** The number of main and casual partners is not equal to the total number of male partners. Clarify and re-enter response to current or prior item as needed." Then, go back to SX21a.  
 Else, go to Check\_INTRO\_SX22a.o.

**F M: Main Ps - Vaginal Sex, 12m**

**Check\_INTRO\_SX22a.o.** If 1 main partner (SX20 EQ 1 or SX21a EQ 1), go to INTRO\_SX22a.o.  
 If multiple main partners (SX21a GT 1), go to INTRO\_SX22a.m.  
 If no main partners (SX19 EQ 1 & SX20 EQ 2, DK, or REF) or ((SX19 GT 1) & (SX21a EQ 0, DK, or REF)), go to Check\_INTRO\_SX23a.o.

VS - One Main Partner

**INTRO\_SX22a.o.** DISPLAY: "READ: Now I'm going to ask you about the male main sex partner you had in the past 12 months."

<b>SX22a.o.</b>	<b>In the past 12 months, did you have vaginal sex with this man?</b>	
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."

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

**HardEdit\_SX22a.m.** If # main VS partners GT # main partners (SX22a.m. GT SX21a), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male main partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX22a.m.  
Else, go to Check\_SX22b.o.

**Check\_SX22b.o.** If 1 main VS partner (SX22a.o EQ 1 or SX22a.m EQ 1), go to SX22b.o.  
If multiple main VS partners (SX22a.m GT 1), go to SX22b.m.  
If no main VS partners (SX22a.o EQ 0, DK, or REF) or (SX22a.m. EQ 0, DK, or REF), go to Check\_SX22c.o.

UVS - One Main VS Partner

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

**Check\_SX22b.m.** Go to Check\_SX22c.o.

UVS - Multiple Main VS Partners

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

F\_MMUVS F\_MM UVS partners - 12 months - number

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

**HardEdit\_SX22b.m.** If # UVS partners GT # VS partners (SX22b.m. GT SX22a.m.), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male main vaginal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX22b.m.  
 Else, go to Check\_SX22c.o.

**Check\_SX22c.o.** If 1 main partner (SX20 EQ 1 or SX21a EQ 1), go to SX22c.o.  
 Else, go to SX22c.m.

**F M: Main Ps - Anal Sex, 12m**

AS - One Main Partner

**SX22c.o.** In the past 12 months, did you have anal sex with this man?

F\_MM1AS F\_MM AS partners - 12 months - y/n

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

**Check\_SX22c.m** Go to Check\_SX22d.o.

AS - Multiple Main Partners

**SX22c.m.** Of your [fill with # main partners (SX21a)] male main partners in the past 12 months, with how many did you have anal sex?

F\_MMAS F\_MM AS partners - 12 months - number

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

**HardEdit\_SX22c.m.** If # main AS partners GT # main partners (SX22c.m. GT SX21a), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male main partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX22c.m.  
 Else, go to Check\_SX22d.o.

**Check\_SX22d.o.** If 1 main AS partner ((SX22c.o EQ 1) or (SX22c.m EQ 1)), go to SX22d.o.  
 If GT 1 main AS partner (SX22c.m GT 1), go to SX22d.m.  
 If no main AS partners ((SX22c.o EQ 0, DK, or REF) OR (SX22c.m EQ 0, DK, or REF), go to Check\_INTRO\_SX23a.o.

UAS - One Main AS Partner

<b>SX22d.o.</b>	<b>In the past 12 months, did you have anal sex with him without using a condom?</b>	
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

<b>SX22d.m.</b>	<b>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?</b>	
F_MMUAS	F_MM UAS partners - 12 months - number	
	— — — —	
	Range.....	0-7000
	Don't Know.....	9999
	Refuse to Answer.....	7777

**HardEdit\_SX22d.m.** If # UAS partners GT # AS partners (SX22d.m. GT SX22c.m), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male main anal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX22d.m.  
Else, go to Check\_INTRO\_SX23a.o.

**F M: Casual Ps – Vaginal Sex, 12m**

**Check\_INTRO\_SX23a.o.** If 1 casual partner (SX20 EQ 2 or SX21b EQ 1), go to INTRO\_SX23a.o.  
If multiple casual partners (SX21b GT 1), go to INTRO\_SX23a.m.  
If R reports no casual partners (SX19 EQ 1 & SX20 EQ 1, DK, or REF) or ((SX19 GT 1) & (SX21b EQ 0, DK, or REF)), or (SX19 EQ SX21a),go to CALC\_F\_MHET.

VS - One Casual Partner

**INTRO\_SX23a.o.** DISPLAY: "READ: Now I'm going to ask you about the male casual sex partner you had in the past 12 months. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

<b>SX23a.o.</b>	<b>In the past 12 months, did you have vaginal sex with this man?</b>	
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), 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.

**F M: Casual Ps – Anal Sex, 12m**

AS - One Casual Partner

<b>SX23c.o.</b>	<b>In the past 12 months, did you have anal sex with this man?</b>	
F_MO1AS	F_MC AS partner - 12 months - y/n	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

<b>Check_SX23c.m.</b>	Go to Check_SX23d.o.
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AS - Multiple Casual Partner

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

<b>HardEdit_SX23c.m.</b>	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.
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<b>Check_SX23d.o.</b>	If 1 casual AS partner ((SX23c.o EQ 1) or (SX23c.m EQ 1)), go to SX23d.o. If multiple casual AS partners (SX23c.m GT 1), go to SX23d.m. If no casual AS partners ((SX23c.o EQ 0, DK, or REF) or (SX23c.m EQ 0, DK, or REF)), go to Check_SX23e.o.
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UAS - One Casual AS Partner

<b>SX23d.o.</b>	<b>In the past 12 months, did you have anal sex with him without using a condom?</b>	
F_MO1UAS	F_MC UAS partner - 12 months - y/n	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

<b>Check_SX23d.m.</b>	Go to Check_SX23e.o.
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UAS - Multiple AS Casual Partners

<b>SX23d.m.</b>	<b>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?</b>	
F_MCUAS	F_MC UAS partners - 12 months - number	
	— — — —	
	Range.....	0-7000

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

**HardEdit\_SX23d.m.** If # casual UAS partners GT # casual AS partners (SX23d.m GT SX23c.m), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male casual anal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX23d.m.  
 Else, go to Check\_SX23e.o.

**Check\_SX23e.o.** If 1 casual partner (SX20 EQ 2 or SX21b EQ 1), go to SX23e.o.  
 If multiple casual partners (SX21b GT 1), go to SX23e.m.

**F M: Casual Ps – Exchange Sex, 12m**

EX - One Casual Partner

**SX23e.o.** In the past 12 months, did this man give you money or drugs to have sex with him?  
 F\_MC1ER F\_MC1 Single exchange received

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

**Check\_SX23e.m.** Go to CALC\_F\_MHET.

EX - Multiple Casual Partners

**SX23e.m.** Of your [fill with # casual partners" (SX21b)] male casual partners in the past 12 months, how many gave you money or drugs to have sex with them?  
 F\_MCMER F\_MC Multiple exchange received

\_\_\_ \_ \_ \_

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

**HardEdit\_SX23e.m.** If # casual exchange partners GT # casual partners (SX23e.m GT SX21b), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male casual partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX23e.m.  
 Else, go to CALC\_F\_MHET.

**CALC\_F\_MHET.**

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

**Check\_SX26.** If HET cycle & R reported 0 opposite-sex partners (CYCLE EQ 3 & F\_MHET NE 1), go to CALC\_ENDCORE.  
 Else, go to CALC\_BEGPXP.

**PxP Series: Partner-by-Partner (CALC\_PS12PXP – SX72b)**

<b>CALC_BEGPXP.</b>		
	Time at beginning of PxP series	
<b>BEGPXP</b>		BEGPXP = Current time

<b>CALC_PS12PXP.</b>		
<b>PS12PXP</b>	# Ps, 12m for PxP logic only	<p>Male Rs (ES9=1):</p> <p>If (M_FSX12 &amp; M_MSX12 GE 0 &amp; NE DK, REF, or SK), PS12PXP =M_FSX12+M_MSX12.</p> <p>If (M_FSX12 GE 0 &amp; NE DK, REF, or SK) &amp; (M_MSX12 EQ DK, REF, or SK), PS12PXP=M_FSX12.</p> <p>If (M_FSX12 EQ DK, REF, or SK) &amp; (M_MSX12 GE 0 &amp; NE DK, REF, or SK), PS12PXP=M_MSX12.</p> <p>Else, PS12PXP=0.</p> <p>Female Rs (ES9=2):</p> <p>If (F_MSX12 GE 0 &amp; NE DK, REF, or SK), PS12PXP=F_MSX12.</p> <p>Else, PS12PXP=0.</p>

<b>CALC_ASANY12M.</b>		
<b>ASANY12M</b>	Any anal sex, 12m, for PxP logic	If R reported anal sex in p 12m (M_FM1AS or M_FMAS or M_FO1AS or M_FOAS or M_MM1AS or M_MMAS or M_MO1AS or M_MOAS or F_MM1AS or F_MMAS or F_MO1AS or F_MCAS GE 1 & NE DK, REF, or SK), ASANY12M=1. Else, ASANY12M=0.

<b>CALC_EXANY12M.</b>		
<b>EXANY12M</b>	Any exchange sex, 12m, for PxP logic	If R reported exchange sex in p12m, (M_FO1EG or M_FOMEG, or M_MO1EG or M_MOMEG or M_MO1ER or M_MOMER or F_MC1ER or F_MCMER GE 1 & NE DK, REF, or SK), EXANY12M=1. Else, EXANY12M=0.

<b>CALC_VSANY12M.</b>		
<b>VSANY12M</b>	Any vaginal sex, 12m, for PxP logic	If R reported vaginal sex in p12m, (M_FM1VS or M_FMVS or M_FO1VS or M_FOVS or F_MM1VS or F_MMVS or F_MO1VS or F_MCVS GE 1 & NE DK, REF, or SK), VSANY12M=1. Else, VSANY12M=0.

<b>Check_INTRO_PxP Series.</b>	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_PxP Series. Else go to Check_INTRO_SX73a.
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<b>Universe_PXP Series.</b>	All Rs with 1+ opposite sex or male-male partner in the past 12 months (PS12PXP GE 1).
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**PxP: Number of Partners, 3m**

<b>INTRO_PxP Series.</b>	<p>On one screen, DISPLAY: "READ: This next set of questions is about your [if R is male (ES9 EQ 1) &amp; 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) &amp; 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.</p> <p>I've brought this calendar to help you remember things that may have happened and when they happened.</p>
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Some of the questions are about the past 3 months, that is, since [(fill with interview month - 3, formatted as text) of this year]".

**[INTERVIEWER: Give respondent the Calendar. Orient to calendar and time frame.]**

On the next screen, DISPLAY: "READ: For these questions, having sex means [if R is male (ES9 EQ 1) and had only male sex partners (M\_MSX12 GE 1 and (M\_FSX12 EQ 0, DK, REF, or SK)), fill with "oral or anal", else fill with "oral, vaginal, or anal"] sex.

**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)), 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 [(fill with interview month - 3, formatted as text) of this year]?**

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 [(fill with interview month - 3, formatted as text) of this year]?**

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 [(fill with interview month - 3, formatted as text) of this year]?**

MP3MYN Had male partner, 3m-y/n

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 [(fill with interview month - 3, formatted as text) of this year]?

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 Male Rs (ES9=1):  
 only only  
 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= 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.

**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?**

**SX29.**

P2\_FILL

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

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.**

P3\_FILL

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

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 CALC\_BEG1PS. 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 Check\_INTRO\_SX73a.

**CALC\_BEGP1S.**  
**BEGP1S** Time at beginning of P1 series BEGP1S = Current time

**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 SX32a.  
Else go to SX31.

**P1: Demographics**

**SX31.**                    Is [fill with "P1 initials" (SX28)] **male or female?**  
P1GENDR                P1: Gender

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

**Check\_SX32a.**      If R is male (ES9 EQ1) and P1 gender NOT reported (SX31 EQ DK or REF), go to Check\_INTRO\_P2Series.  
Else, go to SX32a.

**SX32a.**                    Was [fill with "P1 initials" (SX28)] **younger than you, older than you, or the same age as you?**  
P1AGERL                P1: Relative age

Younger .....	0
Older .....	1
Same age .....	2
Don't Know .....	9
Refuse to Answer .....	7

**Check\_SX32b.**      If P1 is older than R (SX32a EQ 1), go to SX32b.  
Else, go to SX33.

**SX32b.**                    **What was [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"] age?**  
P1AGEY                P1: Age in years

— — —

Range .....	0-100
Don't Know .....	999
Refuse to Answer .....	777

**HardEdit\_SX32b.** If P1's age is less than R's age (P1AGEY LT AGE), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (R reported that partner was older than them). Clarify and re-enter response to current or prior item as needed." Then, go back to SX32b.  
Else, go to SX33.

[Give Respondent Flashcard M.]

**Which of the following best describes [fill with "P1 initials" (SX28)]'s racial or ethnic background? You may choose more than one option.**

- SX33.** [READ choices. CHECK ALL that apply.]
- P1RCETH P1: race / ethnicity
  - P1RCETHA American Indian or Alaska Native .....
  - P1RCETHB Asian .....
  - P1RCETHC Black or African American.....
  - P1RCETHD Hispanic or Latino .....
  - P1RCETHE Native Hawaiian or Other Pacific Islander .....
  - P1RCETHF White .....
  - Don't Know..... 9
  - Refuse to Answer..... 7

**P1: Type**

**Check\_SX34.** If R had more than 1 partner in past 12m (PS12PXP GT 1), go to SX34.  
Else, go to SX35a.

**Was the person you had sex with that last time, [fill with "P1 initials" (SX28)], a main partner or a casual partner?**

- SX34.** [Give Respondent Flashcard N.]
- 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 Check\_SX36.

**SX35b. INTERVIEWER: Was this days or months or years?**

P1LT_U	P1: Relationship length - Unit	
	Days .....	0
	Months .....	1
	Years .....	2

<b>CALC_P1RLE1Y.</b> P1RLE1Y	Sexual relationship length for PxP logic	If (P1LT_U=0 & P1LT_N<=365) or (P1LT_U=1 & P1LT_N<=12) or (P1LT_U=2 & P1LT_N<=1), P1RLE1Y=1. Else, P1RLE1Y=0.
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<b>Check_SX36.</b>	If MSM cycle (CYCLE EQ 1), go to SX36. Else, go to INTRO_SX37a.
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**Where did you first meet [fill with "P1 initials" (SX28)]?**

<b>SX36.</b> P1WHMET	[DO NOT read choices.] 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**

<b>INTRO_SX37a.</b>	DISPLAY: "READ: Now I'm going to ask you some questions about experiences [fill with P1 initials (SX28)] may have had."  [Give Respondent Flashcard O.]
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**As far as you know, has [fill with "P1 initials" (SX28)] ever injected drugs like heroin, cocaine, or speed? Would you say they:**

<b>SX37a.</b> P1IDU	[READ choices.] 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

**SX37b. As far as you know, has [fill with "P1 initials" (SX28)] ever used crack cocaine? Would you say they:**

[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 was a one night stand (P1LT\_N=0) or R did not report relationship length (P1LT\_N EQ DK or REF), go to SX42.  
If relationship length LE 1 year (P1RLLE1Y=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 "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=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 "P1 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.

**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 "P1 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 [If R is male (ES9 EQ 1) and P1 is male (SX31 EQ 1), fill with "oral or anal", else fill with "oral, 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 - 2100
  - Don't Know (Year) ..... 9999
  - Refuse to Answer (Year) ..... 7777

**CALC\_P1DATE\_C.**  
 Century month version of  
 P1DATE\_C 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's date of last sex with P1 after date of interview (P1DATE\_C GT IDATE\_C), DISPLAY: "**INTERVIEWER:** The date respondent last had sex with [fill with "P1 initials" (SX28)] cannot be after today's date." Then, go back to SX42.

If R reported 0 sex partners in past 3m (PS3MPXP EQ 0) and & date of last sex with P1 is more than 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) and had vaginal or anal sex in the past 12 months (VSANY12M=1 or ASASNY12M=1), go to INTRO\_SX43a.  
 Else, go to CALC\_ASANY3M.

**Universe\_P1FrequencyofSex.** 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) and had vaginal or anal sex in the past 12 months (VSANY12M or ASANY12M).

**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, that is, since [(fill with interview month - 3, formatted as text) of this year]".  
 [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), and R had vaginal sex in p 12m (VSANY12M=1), 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.

**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.

**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.

**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.

**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.

**SX44b.m. Of the [fill with "# of times engaged in anal sex" (SX44a)] times you had anal sex with [fill with "P1 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.

**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 "P1 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.**

	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.
ASANY3M	for PxP logic	Else, ASANY3M EQ 0.

**CALC\_VSCND3M.**

VSCND3M	P1: Condom use during VS, 3m, PxP logic	If R reported using a condom during vaginal sex with P1 in the past 3 months (P1VS1C3M=1 or P1VSC3M GE 1), then VSCND3M=1. Else, VSCND3M=0.
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ASCND3M	<b>CALC_ASCND3M.</b> P1: Condom use during AS, 3m, PxP logic	If R reported using a condom during anal sex with P1 in the past 3 months (P1AS1C3M=1 or P1ASC3M GE 1 or P1A1C3M=1 or P1XIAC3M GE 1 or P1RA1C3M=1 or P1RAC3M GE 1), then ASCND3M=1; Else, ASCND3M=0.
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**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.  
If R reported vaginal sex in the past 12 months (VSANY12M EQ 1) or in the past 3 months (P1VS3M GE 1), go to SX48a.  
Else, go to Check\_SX49a.

**SX48a.** **When you had sex that last time with [fill with "P1 initials" (SX28)], did you have vaginal sex?**  
P1LVS P1: VS at last event

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

**Check\_SX48b.** If R reported vaginal sex at last event (SX48a EQ 1), go to SX48b.  
Else, go to Check\_SX49a.

**SX48b.** **During vaginal sex that last time, did you or [fill with "P1 initials" (SX28)] use a condom the whole time?**  
 P1LVSCT 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, REF or SK) & (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, REF or SK) & (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.

If R did not have vaginal or anal sex in the past 12 months ((SX48a EQ SK) and (SX49a EQ SK)), DISPLAY: "Earlier, you told me that you did not have [if R is male and had only male sex partners in the past 12 months (M\_MSX12 GE 1 and (M\_FSX12 EQ 0, DK, REF, or SK)), fill with "anal", else, fill with "vaginal or anal"] sex during the past 12 months. Does this mean you only had oral sex the last time you had sex?"

**SX49conf.** Else, DISPLAY: "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.** Go to SX50a.

**SX49b.** **During anal sex that last time, did you or [fill with "P1 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 "P1 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 "P1 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\_SX50c.** If P1 HIV-positive, (SX50b EQ 2), go to SX50c.  
Else, go to Check\_INTRO\_P2Series.

**SX50c.** **Did** [fill with "P1 initials" (SX28)] **tell you whether** [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"] **was taking antiretroviral medicines or ART to treat** [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 infection?**

P1ARTDS P1: Whether P disclosed ART use

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

**Check\_SX50d.** If P1 disclosed ART use, (SX50c EQ 1), go to SX50d.  
Else, go to Check\_INTRO\_P2Series.

**SX50d.** **Did** [fill with "P1 initials" (SX28)] **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"] **WAS taking antiretroviral medicines or was NOT taking antiretroviral medicines?**

P1ONART P1: HIV+ partner on ART at last event

No, partner was NOT taking ART.....	0
Yes, partner WAS taking ART.....	1
Don't Know.....	9
Refuse to Answer.....	7

**Check\_INTRO\_P2Series.** If P2 initials reported (SX29 NE REF) & 2+ total partners in past 3 months (PS3MPXP GE 2), go to CALC\_BEG2PS.  
If P2 initials NOT reported (SX29 EQ REF) & 3+ total partners in past 3 months (PS3MPXP GE 3), go to Check\_INTRO\_P3Series.  
Else, go to Check\_INTRO\_SX73a.

**CALC\_BEGP2S.**

**BEGP2S** Time at beginning of partner 2 series      BEGP2S = Current time

**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 SX52a.  
Else, go to SX51.

**SX51.** Is [fill with "P2 initials" (SX29)] **male or female?**

P2GENDR P2: gender

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

**Check\_SX52a.** If P2 gender reported (SX51 NE DK or REF), go to SX52a.  
Else go to Check\_INTRO\_P3Series.

**SX52a.** **Was [fill with "P2 initials" (SX29)] younger than you, older than you, or the same age as you?**

P2AGERL P2: Relative age

Younger .....	0
Older .....	1
Same age .....	2
Don't Know .....	9
Refuse to Answer .....	7

**Check\_SX52b.** If P2 is older than R (SX52a EQ 1), go to SX52b.  
Else, go to SX53.

**SX52b.** **What was [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"] age?**

P2AGEY P2: Age in years

— — —

Range.....	0-100
Don't Know .....	999
Refuse to Answer .....	777

**HardEdit\_SX52b.** If P2's age is less than R's age (P2AGEY LT AGE), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (R reported that partner was older than them). Clarify and re-enter response to current or prior item as needed." Then, go back to SX52b.  
Else, go to SX53.

[Give Respondent Flashcard M.]

**Which of the following best describes [fill with "P2 initials" (SX29)]'s racial or ethnic background? You may choose more than one option.**

**SX53.** [READ choices. CHECK ALL that apply.]

P2RCETH	P2: race / ethnicity	
P2RCETHA	American Indian or Alaska Native .....	
P2RCETHB	Asian .....	
P2RCETHC	Black or African American.....	
P2RCETHD	Hispanic or Latino .....	
P2RCETHE	Native Hawaiian or Other Pacific Islander .....	
P2RCETHF	White .....	
	Don't Know .....	9
	Refuse to Answer.....	7

**P2: Type**

**Was [fill with "P2 initials" (SX29)] a main partner or a casual partner?**

**SX54.** [Give Respondent Flashcard N.]

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

**P2: Date of Last Sex**

**When was the last time you had [If R is male (ES9 EQ 1) and P2 is male (SX51 EQ 1), fill with "oral or anal", else fill with "oral, vaginal or anal"]sex with [fill with "P2 initials" (SX29)]? Just tell me the month and year.**

**SX55.**

P2DATE	P2: date of most recent sex	
	__ / ____	
	Range (Year).....	1900 - 2100
	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 CHECK\_INTRO\_SX56a.  
Else, go to HardEdit\_SX55.

**HardEdit\_SX55.** If R's date of last sex with P2 after date of interview (P2DATE\_C GT IDATE\_C), DISPLAY: "**INTERVIEWER:** The date respondent last had sex with [fill with "P2 initials" (SX29)] cannot be after today's date." Then, go back to SX55.

If date of last sex with 2<sup>nd</sup> to last SP was more than 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 2<sup>nd</sup> 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 CHECK\_INTRO\_SX56a.

**P2: Frequency of sex, 3m**

**Check\_INTRO\_SX56a.** If R did not have vaginal or anal sex in the past 12 months ((VSANY12M EQ 0) and (ASANY12M EQ 0)), or both R and P2 are male and did not have anal sex in the past 12 months (ES9 EQ 1 and SX51 EQ 1 and ASANY12M=0), go to INTRO\_SX60a.  
Else, go to INTRO\_SX56a.

**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))), and R had vaginal sex in p 12m (VSANY12M EQ 1), 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
Yes.....	1
Don't Know.....	9
Refuse to Answer.....	7

**Check\_SX57b.m.** Go to INTRO\_SX60a.

**SX57b.m** **Of the [fill with "# of times engaged in anal sex" (SX57a)] times you had anal sex with [fill with "P2 initials" (SX29)], how many times did you or your partner use a condom?**

P2ASC3M P2: Times had anal sex with condom, 3m

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

**HardEdit\_SX57b.m.** If # of times R had AS with condom is higher than the total time had AS with this partner (SX57b.m GT SX57a),  
 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 SX57a.  
 Else, go to INTRO\_SX60a.

**SX58a.** In the past three months, how many times did you have insertive anal sex, meaning you put your penis in [fill with "P2 initials" (SX29)]'s anus or butt?  
 P2IAS3M P2: Frequency IAS, 3m  
 \_\_\_\_\_  
 Range..... 0-7000  
 Don't Know..... 9999  
 Refuse to Answer..... 7777

**Check\_SX58b.o.** If R had IAS once (SX58a EQ 1), go to SX58b.o.  
 If R had IAS more than once (SX58a GE 2 & NE (DK, REF, or SK)), go to SX58b.m.  
 Else go to SX59a.

**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 "P2 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 E9 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 "Pa2 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 (E9 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 "P2 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 "P2 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\_INTRO\_P3Series.

**SX61b.** **What was** [fill with "P2 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\_SX61c.** If P2 HIV-positive, (SX61b EQ 2), go to SX61c.  
Else, go to Check\_INTRO\_P3Series.

**SX61c.** **Did** [fill with "P2 initials" (SX29)] **tell you whether** [if P2 is male (SX51 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P2 is female (SX51 EQ 2), fill with "she"] **was taking antiretroviral medicines or ART to treat** [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 infection?**

P2ARTDS	P2: Whether P disclosed ART use	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_SX61d.** If P2 disclosed ART use, (SX61c EQ 1), go to SX61d.  
Else, go to Check\_INTRO\_P3Series.

**SX61d.** **Did** [fill with "P2 initials" (SX29)] **say** [if P2 is male (SX51 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P1 is female (SX51 EQ 2), fill with "she"] **WAS taking antiretroviral medicines or was NOT taking antiretroviral medicines?**

P2ONART	P2: HIV+ partner on ART at last event	
	No, partner was NOT taking ART.....	0
	Yes, partner WAS taking ART.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_INTRO\_P3Series.** If P3 initials reported (SX30 NE REF) & 3+ total partners in past 3 months (PS3MPXP GE 3), go to CALC\_BEG3PS.  
Else, go to Check\_INTRO\_SX73a.

**CALC\_BEGP3S.**  
**BEGP3S** Time at beginning of partner 3 series      BEGP3S = Current time

**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 "P3 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 "P3 initials" (SX30)]. "

**P3: Demographics**

**Check\_SX62.** If R is female (ES9 EQ 2), go to SX63a.  
Else, go to SX62.

Is [fill with "P3 initials" (SX30)] **male or female?**

**SX62.**

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

**Check\_SX63a.** If P3 gender reported (SX62 NE DK or REF), go to SX63a.  
Else, go to Check\_INTRO\_SX73a.

**SX63a.**

**Was [fill with "P3 initials" (SX29)] younger than you, older than you, or the same age as you?**

P3AGERL	P3: Relative age	
	Younger .....	0
	Older .....	1
	Same age .....	2
	Don't Know .....	9
	Refuse to Answer .....	7

**Check\_SX63b.** If P3 is older than R (SX63a EQ 1), go to SX63b.  
Else, go to SX64.

**SX63b.**

**What was [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"] age?**

P3AGEY	P3: Age in years	
	_____	
	Range.....	0-100
	Don't Know .....	999
	Refuse to Answer .....	777

**HardEdit\_SX63b.** If P3's age is less than R's age (P3AGEY LT AGE), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (R reported that partner was older than them). Clarify and re-enter response to current or prior item as needed." Then, go back to SX63b.  
Else, go to SX64.

[Give Respondent Flashcard M.]

**Which of the following best describes [fill with "P3 initials" (SX30)]'s racial or ethnic background? You may choose more than one option.**

- SX64.** [READ choices. CHECK ALL that apply,]  
 P3RCETH P3: race / ethnicity  
 P3RCETHA American Indian or Alaska Native .....  
 P3RCETHB Asian .....  
 P3RCETHC Black or African American.....  
 P3RCETHD Hispanic or Latino .....  
 P3RCETHE Native Hawaiian or Other Pacific Islander .....  
 P3RCETHF White .....  
 Don't Know ..... 9  
 Refuse to Answer ..... 7

**P3: Type**

**Was [fill with "P3 initials" (SX30)] a main partner or a casual partner?**

- SX65.** [Give Respondent Flashcard N.]  
 P3TYPE P3: type  
 Main partner ..... 1  
 Casual partner ..... 2  
 Don't Know ..... 9  
 Refuse to Answer ..... 7

**P3: Date of Last Sex**

**When was the last time you had [If R is male (ES9 EQ 1) and P3 is male (SX62 EQ 1), fill with "oral or anal", else fill with "oral, vaginal or anal"]sex with [fill with "P3 initials" (SX30)]? Just tell me the month and year.**

- SX66.**  
 P3DATE P3: date of most recent sex  
 \_\_\_ / \_\_\_\_  
 Range (Year) ..... 1900 - 2100  
 Don't Know (Year) ..... 9999  
 Refuse to Answer (Year) ..... 7777

**CALC\_P3DATE\_C.**  
 Century month version of  
 P3DATE\_C P3DATE date  $P3DATE\_C = ((P3DATEY-1900)*12) + P3DATEM.$

**Check\_HardEdit\_SX66.** If R did not report date of last sex with P3 (SX66 EQ DK or REF), go to CHECK\_INTRO\_SX67a.  
Else, go to HardEdit\_SX66.

**HardEdit\_SX66.** If R's date of last sex with P3 after date of interview (P3DATE\_C GT IDATE\_C), DISPLAY: "**INTERVIEWER:** The date respondent last had sex with [fill with "P3 initials" (SX30)] cannot be after today's date." Then, go back to SX6.

If date of last sex with 3<sup>rd</sup> to last sex partner was more than 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 3<sup>rd</sup> 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 CHECK\_INTRO\_SX67a.

**P3: Frequency of sex, 3m**

**Check\_INTRO\_SX67a.** If R did not have vaginal or anal sex in the past 12 months ((VSANY12M EQ 0) and (ASANY12M EQ 0)), or both R and P3 are male and did not have anal sex in the past 12 months (ES9 EQ 1 and SX62 EQ 1 and ASANY12M=0), go to INTRO\_SX71a.

Else, go to INTRO\_SX67a.

**INTRO\_SX67a.** DISPLAY: "READ: I would now like to ask you about the times you had sex with [fill with "P3 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)), and R had vaginal sex in p 12m (VSANY12M=1), 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 "P3 initials" (SX30)], how many times did you or your partner use a condom?

P3ASC3M 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 "P3 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 "P3 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 "P3 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 "P3 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 Check\_INTRO\_SX73a.

**SX72b.** **What was [fill with "P3 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

**Check\_SX72c.** If P3 HIV-positive, (SX72b EQ 2), go to SX72c.  
Else, go to Check\_INTRO\_SX73a.

**SX72c.** **Did [fill with "P3 initials" (SX30)] tell you whether [if P3 is male (SX62 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P3 is female (SX62 EQ 2), fill with "she"] was taking antiretroviral medicines or ART to treat [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 infection?**  
P3ARTDS P3: Whether P disclosed ART use

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

**Check\_SX72d.** If P3 disclosed ART use, (SX72c EQ 1), go to SX72d.  
Else, go to Check\_INTRO\_SX73a.

**SX72d.** **Did [fill with "P3 initials" (SX30)] say [if P2 is male (SX62 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P1 is female (SX62 EQ 2), fill with "she"] WAS taking antiretroviral medicines or was NOT taking antiretroviral medicines?**  
P3ONART P3: HIV+ partner on ART at last event

No, partner was NOT taking ART.....	0
Yes, partner WAS taking ART .....	1
Don't Know.....	9
Refuse to Answer.....	7

**Check\_INTRO\_SX73a.** If R is female (ES9 EQ 2) and younger than 50 years old (AGE < 50), and had sex with a man in past 12 months, (F\_MHET EQ 1), go to INTRO\_SX73a.  
Else, go to Check\_INTRO\_SX75.

**Hormonal contraceptive use, 12m**

**INTRO\_SX73a.** DISPLAY: "READ: The next questions are about your reproductive health."

**SX73a.** **Have you ever had an operation that makes it impossible for you to have a baby, such as a hysterectomy or tubal ligation? A hysterectomy removes the uterus or womb and a tubal ligation cuts or ties both of the tubes.**  
HSTTLEV Sterilizing operation, ever

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

Refuse to Answer ..... 7

**Check\_SX73b.** If R ever had a sterilizing operation (SX73a EQ 1), go to SX73b.  
Else, go to Check\_INTRO\_SX74a.

**SX73b.** **Did you have an operation that made it impossible for you to have a baby more than 12 months ago, that is, before [fill with interview month, formatted as text] of last year?**

HSTLGT12 Sterilizing operation, >12m ago

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**Check\_INTRO\_SX74a.** If R did not have a sterilizing operation (SX73a EQ 0, DK, or REF) or had sterilizing operation within the past 12 months (SX73a EQ 1 & SX73b EQ 0), go to INTRO\_SX74a.  
Else, go to SX75.

**INTRO\_SX74a.** 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 last year. Please include each product you used, even if you only used it once.

[Give Respondent Flashcard P.]"

On the next screen, DISPLAY: "**In the past 12 months, did you use...**

[READ Choices. Check YES or NO for EACH ONE.] "

**SX74a. Birth control pills?**

HBCPILL Hormonal BC, 12m (Pills)

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**SX74b. Birth control shots, such as Depo Provera®?**

HBCSHOT Hormonal BC, 12m (Depo)

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**SX74c. Birth control patch?**

HBCPAT Hormonal BC, 12m (Patch)

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**SX74d. 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

**SX74e. 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

**SX74f. A hormonal IUD that lasts for up to 5 years, such as Liletta™ or Mirena®?**

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

**SX74g. 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

**Check\_INTRO\_SX75.** If R is female (ES9 EQ 2), go to SX75  
 Else, go to CALC\_ENDSX.

**F F: Total Ps, 12m**

**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?**

**SX75.**  
 F\_FSXYR F\_F Number of female sex partners - 12 months  
 ---  
 Range ..... 0-1000  
 Don't Know ..... 9999  
 Refuse to Answer ..... 7777

**CALC\_ENDSX.**  
 Time sexual behavior section  
**ENDSX** ended ENDSX = Current time

**END\_SX.** Go to Alcohol Use Section (AL).

NHBS ROUND 5 QUESTIONNAIRE

ALCOHOL USE (AL)

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

**UNIVERSE\_AL.** All Eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDSX is not missing).

**CALC\_BEGAL.**  
 Time at beginning of alcohol use section  
**BEGAL** 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 Q.]"

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

- ALC30D Had one or more drinks past 30 days
- No..... 0
  - Yes..... 1
  - Don't Know..... 9
  - Refuse to Answer..... 7

**Check\_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 ROUND 5 QUESTIONNAIRE**

**INJECTION DRUG USE (ID)**

<b>Variables from prior section(s) used in this section of the questionnaire</b>			
<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	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Consent	CN1	CONSENTA	Consent to survey
Alcohol Use	--	ENDAL	Time alcohol use section ended

**UNIVERSE\_ID.** All Eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDAL is not missing).

**CALC\_BEGID.**  
 Time at beginning of ID section  
**BEGID** BEGID = Current time

**INTRO\_Check\_ID1.** DISPLAY: "READ: The next questions are about injection drug use. This means injecting drugs yourself or having someone who isn't a health care provider inject you. Please remember your answers will be kept private."

**Injection history, lifetime**

**Check\_ID1.** If MSM or HET cycle (CYCLE EQ 1 or 3), go to ID1.  
 Else, go to ID1a.

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

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

**Check\_ID1a.** If R has ever injected (ID1 EQ 1), go to ID1a.  
 Else, go to CALC\_LINJ12.

**ID1a.** **Think back to the very first time you injected any drugs, other than those prescribed for you. How old were you when you first injected any drug?**  
 AGEINJ INJ Age at first injection

Range.....	0-75
Don't Know.....	99
Refuse to Answer.....	77

**HardEdit\_ID1a.** If age of first injection is greater than current age (ID1a GT AGE), DISPLAY: "INTERVIEWER: The age of first injection should be less than respondent's current age, ([fill with current age (AGE)])." Then, go back to ID1a.  
Else, go to ID1b.

**ID1b. Were you hooked on painkillers before you injected drugs for the very first time?**

OPIFIRST	Hooked on painkillers prior 1st injected	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_ID1b.num.** If IDU cycle (CYCLE EQ 2), go to INTRO\_ID2.  
Else, go to ID1b.num.

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

<b>ID1b.num.</b>	[INTERVIEWER: If today, enter "0"]	
LINJN	When last injected, number	
	___	
	Range.....	0-365
	Don't Know.....	999
	Refuse to Answer.....	777

**Check\_ID1b.dmy.** If R does not report time since last injection (ID1b.num EQ DK or REF), go to CALC\_LINJ12.  
If R last injected on day of interview (ID1b.num EQ 0), go to Check\_INTRO\_ID2.  
Else, go to ID1b.dmy.

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

<b>ID1b.dmy.</b>	When last injected: day, month or year	
LINJ_U	# of Days.....	0
	# of Months.....	1
	# of Years.....	2

**Check\_INTRO\_ID2.** If R last injected in the past year (ID1b.num EQ 0 or (ID1b.num LE 12 & ID1b.dmy EQ 1) or (ID1b.num LE 365 & ID1b.dmy EQ 0) or (ID1b.num LE 1 & ID1b.dmy EQ 2)) go to INTRO\_ID2.  
Else, go to CALC\_LINJ12.

**UNIVERSE\_InjectionFrequency.** All Rs who injected in the past year (ID1b.num EQ 0 or (ID1b.num LE 12 & ID1b.dmy EQ 1) or (ID1b.num LE 365 & ID1b.dmy EQ 0) or (ID1b.num LE 1 & ID1b.dmy EQ 2)).

**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."

**ID2. In the past 12 months, when you were injecting, about how often did you inject any drug?**

[READ choices.]

INJFX12	Overall injection frequency, 12m	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_**  
**INTRO\_ID3a.** If IDU cycle (CYCLE EQ 2), go to INTRO\_ID3a.  
 If MSM or HET cycle (CYCLE EQ 1 or 3), go to ID4a.

DISPLAY: "[Give Respondent Flashcard H.]

**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."

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

**ID3a.** [READ choices.]

INJ_SB	Speedball (heroin and cocaine together) frequency - 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9
	Refuse to Answer.....	7

**How often did you inject heroin, by itself?**

**ID3b.** [READ choices.]

INJ_HERO	Heroin, by itself frequency - 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9
	Refuse to Answer.....	7

**How often did you inject powder cocaine, by itself?**

**ID3c.** [READ choices.]

INJ_COKE	Powder cocaine, by itself frequency - 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9

Refuse to Answer ..... 7

**How often did you inject crack cocaine, by itself?**

**ID3d.**

[READ choices.]

INJ\_CRAC

Crack cocaine, by itself frequency - 12 months

More than once a day ..... 1

Once a day..... 2

More than once a week ..... 3

Once a week or less..... 4

Never ..... 5

Don't Know..... 9

Refuse to Answer ..... 7

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

**ID3e.**

[READ choices.]

INJ\_METH

Methamphetamine frequency - 12 months

More than once a day ..... 1

Once a day..... 2

More than once a week ..... 3

Once a week or less..... 4

Never ..... 5

Don't Know..... 9

Refuse to Answer ..... 7

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

**ID3f.**

[READ choices.]

INJ\_PAIN

Painkillers frequency - 12 months

More than once a day ..... 1

Once a day..... 2

More than once a week ..... 3

Once a week or less..... 4

Never ..... 5

Don't Know..... 9

Refuse to Answer ..... 7

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

**ID3g.1.**

INJ\_OTH

Other drug injected, 12m, y/n – IDU

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer ..... 7

**Check\_ID3gspec.**

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

Else, go to INTRO\_ID5a.

**ID3gspec.**

**What other drugs did you inject?**

INJ\_OTHS

INJ Other drug specify, 12m--IDU

-----  
{text response; max length = 100 characters}

Don't Know 9  
 Refuse to Answer 7

**Check\_ID4A.** Go to INTRO\_ID5a.

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

[Give Respondent Flashcard B.]

<b>ID4a.</b>	[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

<b>ID4b.1.</b>	<b>Did you inject any other drugs in the past 12 months?</b>	
INJOTHNI	Other drug injected, 12m, y/n – MSM, HET	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_ID4b.2.** If R injected another drug in the past 12 months (ID4b.1 EQ 1), go to ID4b.2.  
 Else, go to INTRO\_ID5a.

**What other drugs did you inject?**

[Give Respondent Flashcard B.]

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

**Injection Equipment Type, 12m**

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

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

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

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

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

<b>ID5b.</b>	[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

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

[Give Respondent Flashcard S.]

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

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

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

SPECDISP How disposed of used needle: Other specify

{text response; max length = 100 characters}

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

[Give Respondent Flashcard T.]

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

**ID8.** [READ choices.]

STERILE INJ Frequency used sterile needle - 12 months

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

**Injection Equipment Sharing, 12m**

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

<b>INTRO_ID9.</b>	DISPLAY: "READ: Next, I'm going to ask you about your injecting behaviors in the past <u>12 months</u> , that is, since [fill with interview month, formatted as text] of last year. When I ask you about "needles," I'm talking about needles and syringes."
-------------------	---

**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

**In the past 12 months, how many different people did you give your needle to use after you had already injected with it?**

**ID10.**

NUM\_GIVE Gave needle after injected with it - number of people

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

**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.**

**ID11.**

NUM\_CCW Used cooker, cotton, water after - number of people

\_\_\_ \_\_\_

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

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

**ID12.**

NUM\_DDA Used drugs divided up after - number of people

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

If R always used a sterile needle in the past 12 months or refuses to report how many people he used a needle after in the past 12 months (ID8 EQ 4 or (ID9 EQ 0,REF, or SK)), go to Check\_ID14.  
**Check\_ID13.** Else, go to ID13.

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

[Give Respondent Flashcard T.]

**ID13.**

[READ choices.]

SHARNdle Used needle after- frequency

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

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.  
**HardEdit\_ID13.** Else, go to 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.  
**Check\_ID14.** 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?**

[Give Respondent Flashcard T.]

**ID14.**

[READ choices.]

GIVENDLE Gave needle after injected – freq.

Never .....	0
Rarely.....	1
About half the time .....	2
Most of the time .....	3

Always.....	4
Don't Know.....	9
Refuse to Answer.....	7

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

**HardEdit\_ID14.** Else, go to Check\_ID15.

If R did not use or refused to report if he used cookers, cottons, or water after someone else in the past 12 months (ID11 EQ 0 or REF), go to Check\_ID16.

**Check\_ID15.** Else, go to ID15.

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

[Give Respondent Flashcard T.]

**ID15.** [READ choices.]

SHARWORK Used cooker, cotton, water after – freq.

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

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

**HardEdit\_ID15.** Else, go to Check\_ID16.

If R did not use or refused to report if he used drugs that had been divided with a used syringe (ID12 EQ 0 or REF), go to Check\_INTRO\_ID17.

**Check\_ID16.** Else, go to 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?**

[Give Respondent Flashcard T.]

**ID16.** [READ choices.]

SAMESYR Used drugs divided up after - frequency

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

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

**HardEdit\_ID16.** Else, go to Check\_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.**

**INTRO\_ID17.** DISPLAY: "READ: Now I'd like you to think about the last time you shared any equipment you used to inject or divide drugs with someone in the past 12 months."

**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)..... 1900-2100  
 Don't Know..... 9999  
 Refuse to Answer..... 7777

**CALC\_INJLD\_C.**

Century month version of  
 INJLD\_C INJL\_D date  $INJLD\_C = ((INJL\_DY - 1900) * 12) + INJL\_DM$

If R's date of last sharing with someone is after date of interview (INJL\_C\_C GT IDATE\_C), DISPLAY: **"INTERVIEWER:** The date when R last shared injection equipment with someone cannot be after today's date." Then, go back to 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.

**HardEdit\_ID17.**

If R does not know when he last shared injection equipment with someone in the past 12 months (ID17 EQ DK) or when R last shared cannot be determined ((ID17Y EQ IDATEY-1) & (ID17M is missing)), 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.

**Check\_ID17conf.** 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

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.

**HardEdit\_ID17conf.** Else, go to 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.

**Check\_ID18.** 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 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

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.

**Check\_ID19.**

**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

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.

**Check\_ID20.**

**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
	Refuse to Answer.....	777

**Last Sharing Partner, 12m**

**Check\_INTRO\_ID23\_1.** 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.  
 If R shared with one person the last time he shared with someone (ID22 EQ 1), go to INTRO\_ID23\_1.

**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.

**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 most often. 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.** If R's last sharing partner was male (ID23 EQ 1), go to ID24.  
 Else, go to ID25.

[Give Respondent Flashcard O.]

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

<b>ID24.</b>	[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

<b>ID25.</b>	<b>How old is this person?</b>	
INJL_AGE	Last injecting partner age	
	— — —	
	Range .....	1-99
	Don't Know .....	999
	Refuse to Answer .....	777

[Give Respondent Flashcard M.]

**Which of the following best describes this person's racial or ethnic background? You may choose more than one option.**

<b>ID26.</b>	[READ choices. CHECK ALL that apply.]	
INJLRE	Last injecting partner race	
INJLREA	American Indian or Alaska Native .....	
INJLREB	Asian .....	
INJLREC	Black or African American .....	
INJLRED	Hispanic or Latino .....	
INJLREE	Native Hawaiian or Other Pacific Islander .....	
INJLREF	White .....	
	Don't Know .....	9
	Refuse to Answer .....	7

<b>ID27a.</b>	<b>The last time you shared with this person, did you know their HIV status?</b>	
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?**

<b>ID27b.</b>	[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 last sharing partner's hepatitis C status (ID28a EQ 1), go to ID28b. Else, go to ID29.

**What was their hepatitis C status?**

<b>ID28b.</b>	[DO NOT read choices.]	
INJL_HCV	HCV status - Last injecting partner	
	HCV-Negative.....	1
	HCV-Positive.....	2
	Refuse to Answer.....	7

[Give Respondent Flashcard U.]

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

<b>ID29.</b>	[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	$LINJ12 = IF((LINJN=0), 1, if((LINJ\_U=0 \& LINJN \leq 365), 1, if((LINJ\_U=1 \& LINJN \leq 12), 1, if((LINJ\_U=2 \& LINJN \leq 1), 1, 0))))$
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**CALC\_ENDID.**

ENDID	Time injection drug use section ended	ENDID = Current time
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<b>END_ID.</b>	Go to Non-Injection Drug Use Section (ND).
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**NHBS ROUND 5 QUESTIONNAIRE**

**NON-INJECTION DRUG USE (ND)**

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

**UNIVERSE\_ND.** All Eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDID is not missing).

**CALC\_BEGND.**  
 Time at beginning of ND  
**BEGND** 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 [if IDU cycle (CYCLE EQ 2) or if R injected in past 12m (LINJ12 EQ 1), fill with "and that you did not inject"]?  
**NIUSE12** Non-injection drug use - 12 months

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

**Check\_INTRO\_ND2.** If R has used non-injection drugs (ND1 EQ 1), go to INTRO\_ND2A.  
 Else, go to CALC\_ENDND.

**INTRO\_ND2A.** DISPLAY: "[Give Respondent Flashcard H.]  
 READ: I'm going to read you a list of drugs. For each drug I mention, please tell me how often you used it in the past 12 months. Do NOT include the times that you injected drugs or used drugs that were prescribed for you."

**How often did you use marijuana?**

**ND2A.** [READ choices.]  
**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

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

<b>ND2B.</b>	[READ choices.]	
ND_METH	How often used methamphetamine past 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9
	Refuse to Answer.....	7

**How often did you use crack cocaine?**

<b>ND2C.</b>	[READ choices.]	
ND_CRACK	How often used crack cocaine past 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9
	Refuse to Answer.....	7

**How often did you smoke or snort powder cocaine?**

<b>ND2D.</b>	[READ choices.]	
ND_COKE	How often used powder cocaine that is smoked or snorted past 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9
	Refuse to Answer.....	7

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

<b>ND2E.</b>	[READ choices.]	
ND_DOWN	How often used downers (benzos) such as Valium past 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9
	Refuse to Answer.....	7

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

<b>ND2F.</b>	[READ choices.]	
ND_PAIN	How often used pain killers such as Oxycontin, Vicodin past 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9
	Refuse to Answer.....	7

**How often did you use X or ecstasy?**

<b>ND2G.</b>	[READ choices.]	
ND_X	How often used X or ecstasy past 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9
	Refuse to Answer.....	7

**How often did you smoke or snort heroin?**

<b>ND2H.</b>	[READ choices.]	
ND_HER	How often used heroin that is smoked or snorted past 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9
	Refuse to Answer.....	7

<b>Check_ND2I.</b>	If MSM cycle (CYCLE EQ 1), go to ND2I. Else, go to ND2J.
--------------------	---

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

<b>ND2I.</b>	[READ choices.]	
ND_POP	How often used poppers (amyl nitrite) past 12 months	
	More than once a day .....	1
	Once a day.....	2
	More than once a week .....	3
	Once a week or less.....	4
	Never .....	5
	Don't Know.....	9
	Refuse to Answer.....	7

**ND2J.** In the past 12 months, have you used any other drugs that you did NOT inject?  
 ND\_OTHYN Used other non-injection drugs past 12 mos

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

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

**ND2J.spec.**      **What other drugs did you use that you did NOT inject?**  
 ND\_OTHSP      Other non-injection drugs

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

<b>CALC_ENDND.</b>		
<b>ENDND</b>	Time ND section ended	ENDND = Current time

<b>END_ND.</b>	Go to Drug Treatment Section (TX).
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NHBS ROUND 5 QUESTIONNAIRE

DRUG OVERDOSE AND DRUG TREATMENT (TX)

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

**UNIVERSE\_TX.** All Eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDND is not missing).

**CALC\_BEGTX.**  
 Time at beginning of TX  
**BEGTX** 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, or 12-step programs."

**TX1.** **Have you participated in a program to treat drug use in the past 12 months, that is since [fill with interview month, formatted as text] of last year?**  
**DRUGTXR5** Drug treatment - 12 months  
 No..... 0  
 Yes..... 1  
 Don't Know..... 9  
 Refuse to Answer..... 7

**TX2.** **In the past 12 months, did you try to get into a program to treat drug use but were unable to?**  
**DTXTRYR5** Drug tx tried to get in  
 No..... 0  
 Yes..... 1  
 Don't Know..... 9  
 Refuse to Answer..... 7

**Check\_INTRO\_TX3.** If R has used opioids or heroin in the past 12 months (ID3A LT 5 OR ID3B LT 5 OR ID3F LT5 OR ID4a EQ 1,2, or 6 OR INJMOSTA EQ 1 OR INJMOSTB EQ 1 OR INJMOSTF EQ 1 OR ND2F LT5 OR ND2H LT 5) go to INTRO\_TX3. Else, go to CALC\_ENDTX.

**INTRO\_TX3.** DISPLAY: "READ: Now, I am going to ask you about your experiences with taking medicines to treat drug use, like methadone, buprenorphine, Suboxone or Subutex. Please only think about these medicines given to you by a doctor or other health care provider."



**NHBS ROUND 5 QUESTIONNAIRE**

**HIV TESTING EXPERIENCES (HT)**

<b>Variables from prior section(s) used in this section of the questionnaire</b>			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
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
Drug Treatment	---	ENDTX	Time drug treatment section ended

**Universe\_HT.** All Eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDTX is not missing).

**CALC\_BEGHT.**  
**BEGHT** Time at beginning of HIV testing section  
 BEGHT = Current time

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

**Check\_CALC\_RCNTST\_C.** If R did not report when they had their most recent HIV test, (HT4 EQ DK or REF), go to Check\_HT4conf.  
 Else, go to CALC\_RCNTST\_C.

**CALC\_RCNTST\_C.**  
 Century month version of  
 RCNTST\_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?**

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

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

**Check\_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 (HT4 EQ 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.** **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?**

RHTST12M Times tested, rapid home test, 12 months

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

Go to INTRO\_HT11.

**Check\_BarrierstoHIVTesting**

**Barriers to HIV Testing**

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

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

**HT6.** [READ choices.]

RENT12M Reason not tested past 12 mos

You think you are at low risk for HIV infection?.....	1
You were afraid of finding out that you had HIV?.....	2
You didn't have time?.....	3
Some other reason? .....	4
No particular reason.....	5
Don't Know.....	9
Refuse to Answer.....	7

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

**Check\_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

Go to INTRO\_HT11.

**Check\_SRPSeries.**

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

**Universe\_SRPSeries.**

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

**Check\_CALC\_POS1ST\_C.** If R did not report when they first tested positive (HT7 EQ DK or REF), go to HT7a.  
 Else, go to CALC\_POS1ST\_C.

**CALC\_POS1ST\_C.** 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.**

POSASKED

Asked about your sex partners	
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.**

POSCONT

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

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.**

TLDCARE

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

**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?**

**HT8a.**

POSMD

Seen health care provider for HIV infection	
No.....	0
Yes.....	1
Don't Know.....	9
Refuse to Answer.....	7

**Check\_HT8b.** If R has ever been seen for HIV care (HT8a EQ 1), go to HT8b.  
Else, go to 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.**

FRSMD First saw health care provider after learning HIV+  
 \_\_\_ / \_\_\_ (MM/YYYY)  
 Range (Year) ..... 1900-2100  
 Don't Know (Year)..... 9999  
 Refuse to Answer (Year)..... 7777

**Check\_CALC\_FRSMDC.** 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\_FRSMDC.

**CALC\_FRSMDC.**  
 FRSMD\_C Century month version of  
 FIRST MD date  $FRSMDC = (FRSM DY - 1900) * 12 + FRSMDM$

**HardEdit\_HT8b.** If R's date of first visit for HIV care is after date of interview ((FRSMDC GT IDATE\_C) or (FRSM DY AFTER IDATEY )),  
 DISPLAY: "**INTERVIEWER:** The date respondent first saw a health care provider about his or her positive serostatus cannot be after today's date." Then, go back to HT8b.  
  
 If R's date of first visit for HIV care is before date of birth (HT8b BEFORE ES1), DISPLAY: "**INTERVIEWER:** The date respondent first saw a health care provider about his or her positive serostatus cannot be before the date of birth, [fill with (value for ES1, formatted as Month DD, YYYY)]. Then, go back to HT8b.  
  
 If R's date of first visit for HIV care is before date of first HIV-positive test date ((POS1ST\_C GT FRSMD\_C) or (POS1STY AFTER FRSMDY)), DISPLAY: "**INTERVIEWER:** The date respondent first saw a health care provider about his or her positive serostatus should not be before the first positive test." Then, go back to HT8b.  
  
 Else, go to Check\_HT8b.1

**Check\_HT8b.1**  
 If R did not know when first visit for HIV care occurred or date of first positive test result (HT8b or HT7 EQ DK) or if R did not know the month of first visit for HIV care or month of first positive test date (FRSMDC is missing or POS1STM is missing), go to HT8b.1.  
  
 Else, go to HT8c.

**HT8b.1. Did you first go to your health care provider for HIV care more than 30 days after learning you had HIV?**  
 C\_FRSMDC Confirm: 1st MD visit more than 30 days before 1<sup>st</sup> HIV-pos Dx  
 No..... 0  
 Yes..... 1  
 Don't Know..... 9  
 Refuse to Answer..... 7

**HT8c. When did you last go to your health care provider for HIV care? Please tell me the month and year.**  
 LASTMD Last saw health care provider  
 \_\_\_ / \_\_\_ (MM/YYYY)  
 Range (Year) ..... 1900-2100  
 Don't Know (Year)..... 9999  
 Refuse to Answer (Year)..... 7777

**Check\_CALC\_LASTMDC.** If R did not report when they last visited a health care provider (HT8d EQ DK or REF), go to Check\_HT8c.1.



**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."

<b>HT10.</b>	<b>Have you ever had an HIV viral load test?</b>	
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.

<b>HT10a.</b>	<b>When was your most recent viral load test? Please tell me the month and year.</b>	
RCVLTST	Date of most recent VL	
	__ / __ __ __ (MM/YYYY)	
	Range (Year) .....	1900-2100
	Don't Know (Year) .....	9999
	Refuse to Answer (Year) .....	7777

**Check\_CALC\_VLTST\_C.** If R did not report when they had most recent viral load test (HT10a EQ DK or REF), go to INTRO\_HT10b.  
Else, go to CALC\_VLTST\_C.

**CALC\_VLTST\_C.**  
VLTST\_C Century month version of RCVLTST date  
 $VLTST\_C = (RCVLTSTY - 1900) * 12 + RCVLTSTM$

**HardEdit\_HT10a.** If R's date of most recent viral load test after date of interview ((VLTST\_C GT IDATE\_C) or (RCVLTSTY AFTER IDATEY)), DISPLAY: "**INTERVIEWER:** The date of respondent's most recent viral load test cannot be after today's date." Then, go back to HT10a.

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

If R's date of most recent viral load test is before date of first positive test ((VLTST\_C LT POS1ST\_C) or (POS1STY AFTER RCVLTSTY)), DISPLAY: "**INTERVIEWER:** The date of respondent's most recent viral load test cannot be earlier than the date of the first positive test." Then, go back to HT10a.

Else, go to INTRO\_HT10b.

**INTRO\_HT10b.** DISPLAY: "READ: Next, I am going to ask about the result of your most recent viral load test. Looking at this flashcard, which category represents your most recent result?"

[Give Respondent Flashcard V.]

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

<b>HT10b.</b>	[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\_HIVStigma. 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 G.]"

**The first statement is...MOST PEOPLE in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **would discriminate against someone with HIV. Do you...**

<b>HT11.</b>	[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** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, 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...**

<b>HT12.</b>	[READ choices.]	
PSUPPHIV	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** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **would not be friends with someone with HIV. Do you...**

<b>HT13.</b>	[READ choices.]	
PERFRHIV	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** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, 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.**

	[READ choices.]	
PPUNISHH	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 ROUND 5 QUESTIONNAIRE**

**HEALTH CONDITIONS (HC)**

<b>Variables from prior section(s) used in this section of the questionnaire</b>			
<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
Consent	CN1	CONSENTA	Consent to survey
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
HIV Testing	--	ENDHT	Time HIV testing section ended

**Universe\_HC.** All eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 2) or (CYCLE EQ 3 & EL\_HET EQ 3) who consent to interview (CN1 EQ 1) and completed prior section (ENDHT is not missing).

**CALC\_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

_____	1900-2100
Don't Know.....	9999
Refuse to Answer.....	7777

**HardEdit\_HC2a.** If year of most recent hepatitis test after current year (RCHCTSTY GT IDATEY), Display: "**INTERVIEWER:** The year of the most recent hepatitis C test cannot be after the current year". Then, go back to HC2a. Else, go to HC2b.

[Give Respondent Flashcard W.]

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

<b>HC2b.</b>	[READ choices.]	
HCVTLOC	Location of last HCV test	
	Doctor’s office, clinic, or health center .....	1
	Hospital.....	2
	Jail, prison, or detention center .....	3
	Drug or alcohol treatment program.....	4
	Needle or syringe exchange program .....	5
	Other HIV/AIDS-focused organization .....	6
	Some other place.....	7
	Don't Know.....	99
	Refuse to Answer.....	77

**Check\_HC2c.** If R does not report ‘Other’ (HC2b NE 7), go to HC3. Else, go to HC2c.

<b>HC2c.</b>	<b>INTERVIEWER: Type in other location where respondent got the last hepatitis C test.</b>	
SPECHCVT	Other location where R got hepatitis C test	
	-----	
	{text response; max length = 100 characters}	
	Refuse to Answer.....	7

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

**Check\_HC4a.** If R never told they had hepatitis C (HC3 NE 1), go to INTRO\_HC5a.. Else, go to HC4a.

[Give Respondent Flashcard X.]

**When were you told you had hepatitis C?**

<b>HC4a.</b>	[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

<b>HC4b.</b>	<b>Have you ever taken medicine to treat your hepatitis C infection?</b>	
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.]"

<b>HC5a.</b>	<b>Genital herpes?</b>	
EVRHERP	Ever diagnosed genital herpes	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

<b>HC5b.</b>	<b>Genital warts?</b>	
EVRGWAR	Ever diagnosed genital warts	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

<b>HC6.</b>	<b>In the past <u>12 months</u>, that is, since [fill with interview month, formatted as text] of last year, were you <u>tested</u> 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.</b>	
STDTEST	Tested for STD past 12 months	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_HC7.** If MSM cycle and R reported STD testing in past 12 months, (CYCLE EQ 1 AND HC6 EQ 1), go to HC7. Else, go to INTRO\_HC8a.

<b>HC7.</b>	<b>In the past 12 months, did you have an anal or rectal STD test?</b>	
RSTDTEST	Rectal STD test past 12 months	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**INTRO\_HC8a.** DISPLAY: "READ: In the past 12 months, has a doctor or other health care provider told you that you had..."

[READ choices. CHECK YES or NO for each one.]"

**HC8a. Gonorrhea?**  
 GONORR Gonorrhea past 12 months

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

**HC8b. Chlamydia?**  
 CHLAMYD Chlamydia past 12 months

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

**HC8c. Syphilis?**  
 SYPHILIS Syphilis past 12 months

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

**HC9a. Have you ever received a vaccine against HPV, for example, GARDASIL, which prevents genital warts, anal cancer, and cervical cancer?**  
 HPVVAC Ever received HPV shot

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

**Check\_HC9b.** If R has received HPV vaccine (HC9a EQ 1), go to HC9b.  
 Else, go to INTRO\_HC10a.

**HC9b. How old were you when you received your first dose of the HPV vaccine?**  
 AGEVAC Age first dose HPV vaccine

— — —

Range.....	0-100
Don't Know.....	999
Refuse to Answer.....	777

**HardEdit\_HC9b.** If age at first dose of vaccine is greater than R's age (HC9b GT AGE), DISPLAY: "**INTERVIEWER:** The age of first vaccination cannot be greater than respondent's current age, [fill with value for R's age (AGE)]." Then, go back to HC9b.  
 Else, go to INTRO\_HC10a.

**Psychological Distress**

**INTRO\_HC10a.** DISPLAY: [Give Respondent Flashcard Y.]

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

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

**HC10a.** [READ choices.]  
 FEELNERV How often nervous in past 30 days

- All of the time ..... 0
- Most of the time ..... 1
- Some of the time ..... 2
- A little of the time ..... 3
- None of the time ..... 4
- Don't Know ..... 9
- Refuse to Answer ..... 7

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

**HC10b.**  
FEELHOPE

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

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

**HC10c.**  
FEELREST

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

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

**HC10d.**  
FEELSAD

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

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

**HC10e.**  
FEELEFRT

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

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

**HC10f.**

[READ choices.]

FEELDOWN	How often down in past 30 days	
	All of the time .....	0
	Most of the time .....	1
	Some of the time .....	2
	A little of the time.....	3
	None of the time.....	4
	Don't Know.....	9
	Refuse to Answer.....	7

<b>CALC_ENDHC.</b>	Time health conditions section	
<b>ENDHC</b>	ended	ENDHC = Current time

<b>END_HC.</b>	Go to Jail Testing Section (JT).
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**NHBS ROUND 5 QUESTIONNAIRE**

**JUSTICE SYSTEM EXPERIENCES AND TESTING (JT)**

<b>Variables from prior section(s) used in this section of the questionnaire</b>			
<b>Section</b>	<b>Question #</b>	<b>Variable name</b>	<b>Variable label</b>
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
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 prior section (ENDHC is not missing).

**CALC\_BEGJT.** Time at beginning of JT section  
**BEGJT** BEGJT = Current time

**INTRO\_JT1.** DISPLAY: "READ: Now I will ask you about experiences you may have had 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  
 Refuse 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  
 Refuse to Answer..... 7

**Check\_JT2.** If R held or arrested in past 12 months, (JT1a EQ 1), go to JT2.  
 Else, go to CALC\_ENDJT.

**JT2.** **During the past 12 months, when you were in detention, jail, or prison, did you get a test for HIV?**  
 HIVTJL In jail received HIV test past 12 months  
 No..... 0  
 Yes..... 1  
 Don't Know..... 9  
 Refuse to Answer..... 7



**NHBS ROUND 5 QUESTIONNAIRE**

**PREVENTION ACTIVITIES (PA)**

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

**Universe\_PA.** All Eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) OR (CYCLE EQ 2 & EL IDU EQ 1) OR (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDJT is not missing).

**CALC\_BEGPA.**  
**BEGPA** Time at beginning of PA section      BEGPA = Current time

**HIV Prevention Resources**

**INTRO\_PA1a.** DISPLAY: "READ: Next I'd like to ask you about HIV prevention activities that happen around here."

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

COND12	Received free condoms past 12 mos	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_PA1b.** If R got free condoms (PA1a EQ 1) go to PA1b.  
 Else, go to Check\_PA2a.

[Give Respondent Flashcard Z.]

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

- PA1b.** [READ choices. CHECK ALL that apply.]
- FCON Location got free condoms
  - FCONA HIV/AIDS-focused organization
  - FCONB Gay, lesbian, bisexual, transgender, or queer organization .....
  - FCONC Needle or syringe exchange program .....

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

**Check\_PA2a.** If R injected in p 12m (LINJ12 EQ 1 OR E\_INJ12 EQ 1), go to PA2a. Else go to PA4a.

**PA2a.** **In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, have you gotten any new sterile needles? By new sterile needle, I mean no one - not even you - had ever used it before.**

STLNDL12	Got new sterile needles, 12m	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_PA2b.** If R got new sterile needles (PA2a EQ 1), go to PA2b. Else, go to PA3a.

[Give Respondent Flashcard AA]

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

**PA2b.** [READ CHOICES. CHECK ALL that apply.]

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

**PA3a.** **In the past 12 months, have you gotten any other new injection supplies, such as cookers, cotton, or water?**

KITS12R5	Got new injection equipment, 12m	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

**Check\_PA3b.** If R got new cookers, cotton, or water (PA3a EQ 1), go to PA3b. Else, go to PA4a.

[Give Respondent Flashcard AA.]

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

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

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

**HIV Behavioral Interventions**

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

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

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

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

**Check\_INTRO\_PA5.** If R did not report ever testing HIV-positive (HT4c NE 2 and HT2 NE 1), go to INTRO\_PA5. Else, go to INTRO\_PA7.

**PrEP/PEP**

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

**INTRO\_PA5.** DISPLAY: "READ: The next questions are about the use of anti-HIV medicines, also called antiretrovirals. There are two ways that people who are HIV-negative can take anti-HIV medicines to reduce their risk of becoming infected."

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

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

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

PRPAWR	PrEP, awareness	
--------	-----------------	--

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

**Check\_PA6b.** If R has not heard of PrEP before today (PA6a NE 1), go to INTRO\_PA7.  
Else, go to PA6b.

**PA6b.** **In the past 12 months, have you had a discussion with a health care provider about taking PrEP?**  
PRPDSC PrEP, discussed with HCP, 12m

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

**PA6c.** **In the past 12 months, have you taken PrEP to reduce the risk of getting HIV?**  
PRPUS12M PrEP use, 12m (y/n)

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

**Check\_PA6d.** If R reported using PrEP in the past 12 months (PA6c EQ 1), go to PA6d.  
Else, go to INTRO\_PA7.

**PA6d.** **When you took PrEP in the past 12 months, did you take it every day, almost every day, or less often?**  
PRPFX12M PrEP use, frequency, 12m

Every day .....	2
Almost every day .....	1
Less often .....	0
Don't Know.....	9
Refuse to Answer.....	7

**Check\_PA6e.** If R reported using PrEP daily (PA6d EQ 1 OR 2), go to PA6e.  
If R reported using PrEP less than daily or did not know how often they used PrEP (PA6d EQ 0 OR DK), go to PA6f.  
Else, go to PA6h.

**PA6e.** **Since [fill with interview month, formatted as text] of last year, did you take PrEP for at least 2 months in a row?**  
PRPDU12M PrEP use, duration, 12m

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

**Check\_PA6f.** Go to PA6h.

**PA6f.** **Which of the following describe how you took PrEP since [fill with interview month, formatted as text] of last year? You may choose more than one option.**

[READ choices. CHECK ALL that apply.]

PRPNDL	PrEP, how used
PRPNDLA	Before you planned to have sex .....
PRPNDLB	After sex.....

PRPNDLC	Other times .....	
	Don't Know .....	9
	Refuse to Answer .....	7

**Check\_PA6g.** If R reported taking PrEP at other times (PRPNDLC EQ 1), go to PA6g.  
Else, go to PA6h.

**PA6g.**                    **How did you use PrEP?**  
SPECPRU                PrEP, how used, text

-----  
{text response; max length = 100 characters}

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

[Give Respondent Flashcard BB.]

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

<b>PA6h.</b>	[READ choices. CHECK ALL that apply.]	
PRPSRC	PrEP, sources, 12m	
PRPSRCA	Prescription from a health care provider.....	
PRPSRCB	Directly from a health care provider or clinic.....	
PRPSRCC	A friend or relative.....	
PRPSRCD	A person you have sex with .....	
PRPSRCE	A person you use drugs with .....	
PRPSRCF	Some other source .....	
	Don't Know .....	9
	Refuse to Answer .....	7

**Check\_PA6g.** If R got PrEP from some other source (PRPSRCF EQ 1), go to PA6i.  
Else, go to INTRO\_PA7.

**PA6i.**                    **What was that other source?**  
SPECPRS                PrEP, sources, text

-----  
{text response; max length = 100 characters}

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

**Violence**

**INTRO\_PA7.**        DISPLAY: "READ: Next, I would like to ask you about some situations that may have happened to you."

<b>PA7.</b>	<b>In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, has anyone slapped, punched, shoved, kicked, shaken or otherwise physically hurt you?</b>	
PHVIO12M	Physical violence, 12 mo	
	No.....	0
	Yes.....	1
	Don't Know .....	9
	Refuse to Answer .....	7

<b>PA8.</b>	<b>In the past 12 months, has anyone forced or pressured you to have vaginal, oral, or anal sex when you did not want to?</b>	
SXVIO12M	Sexual violence, 12 mo	
	No.....	0
	Yes.....	1
	Don't Know.....	9
	Refuse to Answer.....	7

<b>CALC_ENDPA.</b>		
	Time prevention activities	
<b>ENDPA</b>	section ended	ENDPA = Current time

<b>End_PA.</b>	Go to End of Survey Section (END).
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**NHBS ROUND 5 QUESTIONNAIRE**

**END OF SURVEY (END)**

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

<b>UNIVERSE_END.</b>	All Rs.
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<b>Check_END1.</b>	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 (PA8 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

<b>CALC_ENDCORE.</b>	Timestamp at end of core	ENDCORE = Current time
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<b>CALC_COMPLETE.</b>	Interview complete	COMPLETE = IF(SXVIO12M=0 or SXVIO12M=1, 1, IF(C_CMPLT=1, 1, 0))
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<b>Check_END2a.</b>	If R did NOT consent to HIV test before interview (CN2 EQ 0), go to END2a. Else, go to END5.
---------------------	---

**HIV Test 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.]

C\_T\_CNST Confirmation of HIV Testing Consent

No – Respondent DOES NOT want an HIV test..... 0

Yes – Respondent DOES want an HIV test ..... 1

**Check\_END2b.** If R wants HIV test (END2a EQ 1), go to END2b.  
Else, go to END5.

**END2b.** **Do you agree to HIV counseling and testing?**  
 HIVCNSTB Revised Consent to HIV testing

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

**Check\_END4.** If R consented to HIV test after interview (END2b EQ 1), go to END4.  
Else, go to END5.

**END4.** **Do you agree to let us store some of your blood for future testing?**  
 CNSTSTG2 Revised Consent to Specimen Storage

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

**Interviewer Assessment – Post-Interview**

**END5.** **INTERVIEWER: How confident are you of the validity of the respondent's answers?**  
 VALIDITY Confidence in validity of answers

Confident.....		1
Some doubts .....		2
Not confident at all.....		3

**Check\_END5a.** If Interviewer doubts validity of responses (END5 EQ 2 or 3), Go to END5a.  
Else, go to Check\_CALC\_RDS Recruiter Variables.

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

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 -----  
 {text response; max length = 1000 characters}

**Check\_CALC\_RDSRecruiterVariables.** If MSM cycle (CYCLE EQ 1), go to END6.  
 If IDU cycle (CYCLE EQ 2), go to CALC\_IDU\_RCTR.  
 If HET cycle (CYCLE EQ 3), go to CALC\_HETDEFR5.

**RDS Recruiter Variables**

**IDU Recruiter**

**CALC\_IDU\_RCTR.**

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).

**IDU\_RCTR** Eligible: IDU RDS Recruiter If R IS a seed (ISEED EQ 1):

If R is male or female (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).

**Check\_CALC\_HET\_RCTR.**      Go to Check\_INTRO\_END6.

**HET Definition & HET Recruiter**

**CALC\_HHINLO**

<b>HHINLO</b>	Income range reported, min.	If HHINCOM=0 , HHINLO=0; If HHINCOM=1 , HHINLO=5000; If HHINCOM=2 , HHINLO=10000; If HHINCOM=3 , HHINLO=12500; If HHINCOM=4 , HHINLO=15000; If HHINCOM=5 , HHINLO=20000; If HHINCOM=6 , HHINLO=25000; If HHINCOM=7 , HHINLO=30000; If HHINCOM=8 , HHINLO=35000; If HHINCOM=9 , HHINLO=40000; If HHINCOM=10 , HHINLO=50000; If HHINCOM=11 , HHINLO=60000; If HHINCOM=12 , HHINLO=75000; If HHINCOM=(DK or REF) , HHINLO= .;
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**CALC\_HHINHI**

<b>HHINHI</b>	Income range reported, max.	If HHINCOM=0 , HHINHI=4999; If HHINCOM=1 , HHINHI=9999; If HHINCOM=2 , HHINHI=12499; If HHINCOM=3 , HHINHI=14999; If HHINCOM=4 , HHINHI=19999; If HHINCOM=5 , HHINHI=24999; If HHINCOM=6 , HHINHI=29999; If HHINCOM=7 , HHINHI=34999; If HHINCOM=8 , HHINHI=39999; If HHINCOM=9 , HHINHI=49999; If HHINCOM=10 , HHINHI=59999; If HHINCOM=11 , HHINHI=74999; If HHINCOM=12 , HHINHI= .; If HHINCOM= (DK or REF) , HHINHI= .;
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**CALC\_HHSGL18**

<b>HHSGL18</b>	DHHS Poverty Guidelines, 2018	If HET5 (2018): If DEPEND= SK , HHSGL18= .; If DEPEND= (DK, REF, or 1) , HHSGL18= 12140 ; If DEPEND=2 , HHSGL18= 16460 ; If DEPEND=3 , HHSGL18= 20780 ; If DEPEND=4 , HHSGL18= 25100 ; If DEPEND=5 , HHSGL18= 29420 ;
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	<p>If DEPEND=6 , HHSGL18= 33740 ;                  If DEPEND=7 , HHSGL18= 38060 ;                  If DEPEND=8 , HHSGL18= 42380 ;                  If DEPEND=9 , HHSGL18= 46700 ;                  If DEPEND=10 , HHSGL18= 51020 ;                  If DEPEND=11 , HHSGL18= 55340 ;                  If DEPEND=12 , HHSGL18= 59660 ;                  If DEPEND=13 , HHSGL18= 63980 ;                  If DEPEND=14 , HHSGL18= 68300 ;                  If DEPEND=15 , HHSGL18= 72620 ;                  If DEPEND=16 , HHSGL18= 76940 ;                  If DEPEND=17 , HHSGL18= 81260 ;                  If DEPEND=18 , HHSGL18= 85580 ;                  If DEPEND=19 , HHSGL18= 89900 ;                  If DEPEND=20 , HHSGL18= 94220 ;</p>
<b>Reference:</b>	<p>US Department of Health and Human Services. Annual Update of the HHS Poverty Guidelines. Federal Register; 2018. Available at:  <a href="https://www.govinfo.gov/content/pkg/FR-2018-01-18/pdf/2018-00814.pdf">https://www.govinfo.gov/content/pkg/FR-2018-01-18/pdf/2018-00814.pdf</a>.                  Accessed September 12, 2018.</p>

<b>CALC_HHS15018</b>		
<b>HHS15018</b>	150% HHS Guideline for # dependents, 2018	<p>If HET5 (2018), HHS15018= HHSGL18*1.50 ;                  Else, HHS15018 = . ;</p>

<b>CALC_LIMLT18</b>		
<b>LIMLT18</b>	MSA Low income multiplier, 2018	<p>If HET5 (2018):                  If Memphis or San Juan (CITY= 12 or 23), LIMLT18= 1.0.                   If Atlanta, Chicago, Dallas, Detroit, Houston, New Orleans, Norfolk, or Portland (CITY= 1, 4, 5, 7, 9, 15, 17, or 19), LIMLT18= 1.1.                   If Baltimore, Denver, Miami, Philadelphia, or Seattle (CITY= 2, 6, 11, 18, or 24), LIMLT18= 1.2.                   If Boston, Nassau, Newark, or New York City (CITY= 3, 13, 14, or 16), LIMLT18= 1.3.                   If Los Angeles, San Diego, or Washington DC (CITY=10, 21, or 25), LIMLT18= 1.4.                   If San Francisco (CITY=22) LIMLT18= 1.5.                  Weight to adjust for geographic differences in cost of living. Calculated as the ratio of the Metropolitan Statistical Area Supplemental Poverty Measure threshold for 2-adult 2-children families (renters) to the Official Poverty Measure threshold for 2 adult 2 children families.</p>
<b>Notes:</b>		
<b>References:</b>		<p>US Census Bureau table of Poverty Thresholds for 2017 by Size of Family and Number of Children. Available at: <a href="https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-thresholds.html">https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-thresholds.html</a>. Accessed September 12, 2018.</p>



<b>HET_RCTR_DCC</b>	HET Recruiter for DCC portal	HET_RCTR_DCC = HET_RCTRR5
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<b>Check_INTRO_END6.</b>	<p>If RDS cycle &amp; R IS eligible to recruit (CYCLE EQ 2 &amp; IDU_RCTR EQ 1), or (CYCLE EQ 3 &amp; HET_RCTRR5 EQ 1), DISPLAY: "The computer SELECTED this respondent to recruit others and receive coupons." Then, go to END6.</p> <p>If RDS cycle &amp; R NOT eligible to recruit (CYCLE EQ 2 &amp; IDU_RCTR EQ 0) or (CYCLE EQ 3 &amp; HET_RCTRR5 EQ 0), DISPLAY: "The computer did NOT select this respondent to recruit others and receive coupons." Then, go to END6.</p>
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<b>INTRO_END6.</b>	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."
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**Interviewer Comments**

<b>END6.</b>	<b>INTERVIEWER: Do you have any comments to add?</b>	
INTCOMM	Interviewer Comments	
	No.....	0
	Yes.....	1

<b>Check_END7.</b>	If interviewer has comments, (END6 EQ 1), go to END7. Else, go to CALC_END.
--------------------	--

<b>END7.</b>	<b>Enter interviewer comments</b>
INTTXT	Interviewer comments text
	-----
	-----
	-----
	{text response; max length = 1000 characters}

<b>CALC_END.</b>	Interview end time	END = Current time
END		

<b>CALC_EDATE.</b>	End date	EDATE = Today's date
EDATE		

<b>CALC_INTTIME.</b>	Elapsed interview/data entry time	INTTIME = Elapsed interview/data entry time
INTTIME		

<b>Check_END8.</b>	<p>If MSM cycle &amp; R not eligible (CYCLE EQ 1 &amp; EL_MSM EQ 0), go to END9.</p> <p>If IDU cycle &amp; R not eligible (CYCLE EQ 2 &amp; EL_IDU EQ 0), go to END9.</p> <p>If HET cycle &amp; R not eligible (CYCLE EQ 3 &amp; EL_HET EQ 0), go to END9.</p> <p>Else, go to END8.</p>
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<b>END8.</b>	<b>INTERVIEWER: Do you want to proceed to the local survey?</b>	
LOCSURV	Proceed to local survey	
	No.....	0
	Yes.....	1

**Check\_END9.** If Interviewer wants to proceed to local survey & English interview (END8 EQ 1 & LANGUAGE EQ 1), open ENGLISH LOCAL FILE.  
If Interviewer wants to proceed to local survey & Spanish interview (END8 EQ 1 & LANGUAGE EQ 2), open SPANISH LOCAL FILE.  
Else, go to END9.

**END9.** **INTERVIEWER: Do you want to end this survey?**  
ENDSURV End survey  
No..... 0  
Yes..... 1

**Check\_ENDSURVEY.** If Interviewer does not want to end survey (END9 EQ 0), go back to END6.  
Else, end interview.

**NHBS ROUND 5 QUESTIONNAIRE**

**FLASHCARDS & CALENDARS**

## **FLASHCARD A**

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

**FLASHCARD B**

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

### **FLASHCARD C**

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

### **FLASHCARD D**

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

**FLASHCARD E**

	<b><u>MONTHLY INCOME</u></b>	<b><i>OR</i></b>		<b><u>YEARLY INCOME</u></b>
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 F**

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

## **FLASHCARD G**

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

## **FLASHCARD H**

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

## **FLASHCARD I**

### **Definition of "Having Sex"**

*Oral, vaginal, or anal sex.*

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

## **FLASHCARD J**

### ***Female Sex Partners***

**Main partner:**

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

**Casual partner:**

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

**FLASHCARD K**

**Definition of "Having Sex"**

*Oral or anal sex.*

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

**FLASHCARD L*****Male Sex Partners*****Main partner:**

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

**Casual partner:**

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

### **FLASHCARD M**

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

**FLASHCARD N**

**Main sex partner:**

Someone you feel committed to above anyone else.

**Casual sex partner:**

Someone you do not feel committed to or don't know very well.

## **FLASHCARD O**

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

## FLASHCARD P

- Birth control pills
- Birth control shots, such as Depo Provera®
- Birth control patch
- 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 up to 5 years, such as Liletta™ or Mirena®
- A copper IUD that lasts for 10 years, also called ParaGard®

**FLASHCARD Q**  
**FOR USE WITH ALCOHOL QUESTIONS**



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



**1 Regular Beer**  
12 oz.



**1 Glass of Wine**  
5 oz.

### FLASHCARD R

Syringe with a needle that can be removed



## **FLASHCARD S**

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

## **FLASHCARD T**

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

## **FLASHCARD U**

- Sex partner, such as your spouse, boyfriend/girlfriend, or other person you have sex with
- Relative
- Friend or someone you knew well who was not a sex partner
- Needle or drug dealer
- Stranger or someone you did not know well
- Other

### **FLASHCARD V**

- Below the level of detection, undetectable
- Detectable but less than 5,000 viral copies/ml
- 5,000 to 100,000 viral copies/ml
- Greater than 100,000 viral copies/ml

## **FLASHCARD W**

- Doctor's office, clinic, or health center
- Hospital
- Jail, prison, or detention center
- Drug or alcohol treatment program
- Needle or syringe exchange program
- Other HIV/AIDS-focused organization
- Some other place

## **FLASHCARD X**

- 6 months ago or less
- More than 6 months, but less than 1 year ago
- At least one year but less than 5 years ago
- At least 5 years but less than 10 years ago
- 10 years ago or more

## **FLASHCARD Y**

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

## **FLASHCARD Z**

- HIV/AIDS-focused organization
- Gay, lesbian, bisexual, transgender, or queer organization
- Needle or syringe exchange program
- IDU outreach program
- Doctor's office, health center, clinic or hospital
- Drug or alcohol treatment center
- Bar, club, bookstore, or other business
- Other community organization
- Some other place

### **FLASHCARD AA**

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

**FLASHCARD BB**

- Prescription from a health care provider
- Directly from a health care provider or clinic
- A friend or relative
- A person you have sex with
- A person you use drugs with
- Some other source

## 2017 CALENDAR

2016																													
January							February							March							April								
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## 2018 CALENDAR

<b>2017</b>																												
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## 2019 CALENDAR

### 2018

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### 2019

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