National HIV Behavioral Surveillance System: Core Questionnaire

HET Cycle OMB Statement

NHBS Round 5 CAPI REFERENCE QUESTIONNAIRE (CRQ)

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Abbreviations

CAPI	Computer-Assisted Personal Interview
CRQ	CAPI Reference Questionnaire
R	Respondent
P	Partner
DK	Don't know

REF   Refused to answer

NA   Not applicable (question asked of R but this is a codable response option)

EQ   Equal to

GT   Greater than

GE   Greater than or equal to

LE   Less than or equal to

LT   Less than

NE   Not equal to

VS, UVS   Vaginal sex, unprotected vaginal sex (i.e., without a condom)

AS, UAS   Anal sex, unprotected anal sex (i.e., without a condom)

IAS   Insertive anal sex

RAS   Receptive anal sex

Key Terms

Term	Prefix / format	Definition
Calculated variable	CALC_	Item identifier (not prefix for variable name) for variables calculated by the CAPI program that appear in the CRQ.
Century Month	_C	A century month is an integer value that represents the number of months since January 1900. These calculations are used to compare dates and facilitate routing where respondents are asked to only provide the month and year in which an event took place. These types of questions occur in every date item within the CRQ, with the exception of DOB (ES1). As an example, January 2014 is represented by the integer 1369. The higher the integer, the closer the event is to the current date, and the lower the integer, the farther it is in the past.
Message	**INTERVIEWER**:	Message displayed to the interviewer that is <u>not</u> to be read to R. May be triggered by an edit check. Distinct from Interviewer Instruction.

Term	Prefix / format	Definition
Filter question		A question that determines whether the respondent should receive subsequent question or set of questions, typically on a related topic.
Logic Check	Check_	Logic that must be checked (by the CAPI program) in order to determine proper routing to the next item in the CAPI programmed questionnaire.
Hard Edit Check	HardEdit_	A check to determine whether the response entered is logically inconsistent with specific previously entered response. If so, CAPI program displays message to interviewer. Hard edit checks cannot be suppressed, i.e., program will not advance until interviewer has changed at least one of the inconsistent values.
Interviewer instruction		Instruction to interviewer regarding survey administration. Standard instructions are 'Give Respondent Flashcard {letter}', 'READ choices', 'DO NOT read choices', & 'CHECK ALL that apply'.
Introductory statement	INTRO_	Transitional statement read to R at the beginning of a new topic (e.g., Section, set of questions, etc.). Prefix is followed by section abbreviation, series, or first item in set to which it applies.
Range		Range of valid response values for items collecting or computing numeric data. E.g., the valid range of responses to number of sex partners in past 12 months is 0 to 7000.
Section		Section of the Questionnaire. Each section has a unique two letter abbreviation.
Series	...Series.	A group of questions on a given topic that share a general universe. Most but not all series have a parallel series elsewhere (e.g. Male-Female, Male-Male, and Female-Male series).
Soft Edit Check	SoftEdit_	A check to determine whether the response entered is implausible. If yes, CAPI program displays message to interviewer; program may advance after closing the error message dialog box.
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

<u>Variables with pre-set values</u>

ROUND   NHBS Round

ROUND = "NHBS Round 5"

CYCLE   NHBS Cycle

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

LANGUAGE   Language

LANGUAGE = 1 IF ENGLISH
LANGUAGE = 2 IF SPANISH

VERSION   Questionnaire Version

If CYCLE=1 & LANGUAGE=1, VERSION='NHBS-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]'

IDATE   Interview date

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

IDATED   Interview date: day

IDATED = substring(IDATE,3,2)

IDATEM   Interview date: Month

IDATEM = substring(idate,0,2)

IDATEMN   Interview date: Numeric month

IDATEMN = if(idatem="01", 01, if(idatem="02", 02, if(idatem="03", 03, if(idatem="04", 04, if(idatem="05", 05, if(idatem="06", 06, if(idatem="07", 07, if(idatem="08", 08, if(idatem="09", 09, if(idatem="10", 10, if(idatem="11", 11, if(idatem="12", 12, 0)))))))))))))

IDATEY   Interview date: Year

IDATEY = (TRUNCATE(idate/365))+1900

START   Start Time

START = Current time {system time on device}

DATETIME   Date and time identifier

DATETIME= CONCAT(IDATE, START)

DATAFILE   Data file name

DATAFILE = Data file name

QYR   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

CORE INTRODUCTION (CI)

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

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)

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

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

CALC_BEGNS.		
BEGNS	Time at beginning of network section	BEGNS = Current time

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

IDU Network Series (INTRO_NS1- Check_ Check_INTRO_NS3)

IDU Recruiter Relationship

INTRO_NS1.	DISPLAY: "READ: I'm going to start by asking you about the person who gave you this coupon and about other people you know in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] who inject. Please remember that your answers will be kept private."

[Give Respondent Flashcard C.]

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

NS1.	[READ choices. CHECK ALL that apply.]
NS_IREL	Relationship to recruiter, IDU
NS_IRELA	A relative or family member
NS_IRELB	A person you have sex with
NS_IRELC	A person you use drugs with or buy drugs from

NS_IRELD   A friend

NS_IRELE   An acquaintance, that is, a person you know but do not consider a friend

NS_IRELF   A stranger, you don't know the person or just met them

Refuse to Answer.. 77

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

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

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

[**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".]

NS1CONF.

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. Remember, we are only interested in those people you have seen in the past 30 days. I will not ask you questions about any specific person."

NS2a.1.   **Please tell me how many 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 <u>women</u> 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.		
NSC_IDUM	# male IDUs known: calculated net size	NSC_IDUM = if(NS_IDUMA=.DK OR NS_IDUMA=.REF,0,NS_IDUMA)

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

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

Check_NS2CONFa.	If NSC_IDUS EQ 0, go to NS2CONFa. If NSC_IDUS EQ 1, 2, or 3, go to NS2CONFb. If NSC_IDUS GT 3, go to NS2CONFc.

NS2CONFa. **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.................

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

NS2CONFb.

Is there anyone else you know in [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.................

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

NS2CONFc.

So in the past 30 days, you've seen [fill with NSC_IDUS] **people who you know inject and who live in** [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_ICHCK   Confirmation: NSC_IDUS correct

Yes, about right...0.................

No, you actually know FEWER people who inject...............................1.................

No, you actually know MORE people who inject...............................2.................

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

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

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

IDU Network Size: Second Loop

NS2a.2.   **Please tell me how many <u>men</u> 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 <u>30 days</u>.** [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are male."]

NS_IDUM2   # male IDUs known: net size, 2nd loop

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

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

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

NS2b.2.   **How many <u>women</u> 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_IDUF2   # female IDUs known: net size , 2nd loop

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

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

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

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

CALC_NSC_IDUM2.

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

CALC_NSC_IDUF2.

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

CALC_NSC_IDUS2.

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

NS2c.2.   **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_ICHK2   Confirmation: NSC_IDUS correct, 2nd loop

Yes, about right..0...............

No, you actually know FEWER people who inject..............................1...............

No, you actually know MORE people who inject...............................2...............

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

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

Check_INTRO_NS3.	Go to CALC_ENDNS.

HET Network Series (INTRO_NS3- NS4c.2)

HET Recruiter Relationship

INTRO_NS3.	DISPLAY: "READ: I'm going to start by asking you about the person who gave you this coupon and about other people you know in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]. Please remember that your answers will be kept private."

[Give Respondent Flashcard D.]

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

NS3.   [READ choices. CHECK ALL that apply.]

NS_HREL   Relationship to Recruiter, HET

NS_HRELA   A relative or family member

NS_HRELB   A person you have sex with

NS_HRELC   A friend

NS_HRELD   An acquaintance, that is, a person you know but do not consider a friend

NS_HRELE   A stranger, you don't know the person or just met them

Refuse to Answer...   7

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

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

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

	[**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".]
NS3CONF.	
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. Remember, we are only interested in those people you have seen in the past 30 days. I will not ask you any questions about any specific person." |

	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........

| **NS4b.1.** | **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_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.

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

CALC_NSC_HETF.

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

CALC_NSC_HETS.

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

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

NS4CONFa.   **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?"]

NS_HZERO   Confirmation: NSC_HETS = 0

No - - DOES know others..0................

Yes - - does NOT know any others..1................

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

NS4CONFb.
Is there anyone else you know in [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?"]

NS_HLOWS
Confirmation: NSC_HETS < 4

No - - Does NOT know any others...0................

Yes - - DOES know others...1................

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

NS4CONFc.
So in the past 30 days, you've seen [fill with NSC_HETS] **friends, relatives, or people you associate with that live in** [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 <u>male</u> friends, relatives or people you associate with have you seen in the past <u>30 days</u>, 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.

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

CALC_NSC_HETF2.

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

CALC_NSC_HETS2.

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

NS4c.2.

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...............

| **CALC_ENDNS.** |
| **ENDNS** | Time network section ended | ENDNS = Current time |

| **END_NS.** | Go to Demographic Section (DM). |

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

Residence

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

DM1.   **In the past <u>12 months</u>, 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 <u>country</u> were you born in?**

COUNTRY   [DO NOT read choices.]
 Country of birth

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

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

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

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

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

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

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

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

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

SPECBORN   Specify country of birth

—— ——

{text response; max length = 100 characters}

Check_DM3a.	If R interviewed in San Juan & born in Mexico, Cuba, or 'other' country (IE2 EQ 23 & DM3 EQ 2, 4, or 5) or R interviewed in any other city & born in Mexico, Puerto Rico, Cuba, or 'other' country (IE2 NE 23 & DM3 EQ 2, 3, 4, or 5), go to DM3a. Else, go to INTRO_DM3b1.

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

YEARUSA   Year first came to US

—— —— —— ——

Range...1900-Current

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

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

HardEdit_DM3a.	If DM3a after year of interview (DM3a AFTER IDATE (year)), DISPLAY: "**INTERVIEWER:** The year first came to US cannot be after the current year." Then, go back to DM3a. If DM3a before year of birth (DM3a BEFORE ES1 (year)), DISPLAY: "**INTERVIEWER:** The year first came to US cannot be before participant's birth year." Then, go back to DM3a. Else, go to CheckDM3b1.

Language

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

Else, go to Check_DM4.

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

SPKOTLN   Speak language other than English at home

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

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

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

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

Marital status

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

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

[READ choices.]

MSTAT   Marital status

Married...1...............

Living together as married..2...............

Separated..3...............

Divorced..4...............

Widowed...5...............

Never married...6...............

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

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

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

Else, go to DM5.

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

MSTAT_M Formal marital status

Separated..1...............

Divorced..2...............

Widowed..3...............

Never married...4...............

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

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

Socioeconomic Status

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

[DO NOT read choices.]

SCHOOL Education

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

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

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

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

Some college, Associate's Degree, or Technical Degree...................4...............

Bachelor's Degree...5...............

Any post graduate studies...6...............

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

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

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

[READ choices.]

EMPSTAT Employment status

Employed full-time...1..............

Employed part-time..2..............

A homemaker...3..............

A full-time student...4..............

Retired..5..............

Unable to work for health reasons...6..............

Unemployed..7..............

Other..8..............

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

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

INTRO_DM7.	If R currently homeless (DM1a EQ 1), DISPLAY: "READ: Next I'd like to ask you some questions about your income. By "income," I mean the total amount of money you earn or receive. This includes money other people share with you." Else, DISPLAY: "READ: Next I'd like to ask you some questions about your household income. By "household income," I mean the total amount of money earned and shared by all people living in your household."

DM7.   **What was your** [if R currently homeless (DM1a EQ 1), fill with "income", else, fill with "household income"] **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 Check_CALC_POVERTY.

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

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

CALC_POVERTY

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

	(HHINCOM>11),0, IF((DEPEND>=17AND (HHINCOM>12)),0,1))))))))))))) Note: Calculation of POVERTY updated when DHHS Poverty Guidelines released for the calendar year preceding the HET cycle.
POVERTY	

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?**

SRCLOC   Location of usual care

Clinic or health center...1...............

Doctor's office or HMO...2...............

Hospital emergency room...3...............

Some other place...4...............

Doesn't go to one place most often..5...............

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

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

DM8d.   **In the past <u>12 months</u>, 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 a serious difficulty hearing?**
DISDEAF   Disability - Hearing
No..0...............
Yes...1...............
Don't Know..9...............
Refuse to Answer...7...............

DM9b
DISBLND   Disability - vision
No..0...............
Yes...1...............
Don't Know..9...............
Refuse to Answer...7...............

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

Disability - Cognition

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

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

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

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

DM9d
DISWALK
Do you have a serious difficulty walking or climbing stairs?

Disability - Ambulation

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

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

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

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

DM9e
DISCARE
Do you have difficulty dressing or bathing?

Disability - Self-care

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

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

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

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

DM9f
DISERND
Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone, such as visiting a doctor's office or shopping?

Disability - Errands

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

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

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

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

INTRO_DM10.	If MSM cycle (CYCLE EQ 1), DISPLAY: "The next questions are about people you are attracted to."
	If IDU or HET cycle (CYCLE EQ 2 OR 3), DISPLAY: "The next question is about people you are attracted to."

Sexual identity

DM10.

Do you consider yourself to be:

[READ choices.]

IDENTITY

Sexual identity

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

Homosexual, Gay, or Lesbian..2..............

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

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

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

CALC_ENDDM.		
ENDDM	Time demographics section	ENDDM = Current time

ended

END_DM.	Go to Social Experiences Section (SO).

NHBS ROUND 5 QUESTIONNAIRE

SOCIAL EXPERIENCES (SO)

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

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

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

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

Identity disclosure

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

OUT_YN   Disclosed sexuality - Anyone

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

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

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

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

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

Identity disclosure index

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

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

SO2a.   **Friends who are <u>not</u> 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.   **Female sex partners**

OUT_FEM   Disclosed sexuality - Female sex partners

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: During the past <u>12 months</u>, that is, since [fill with interview month, formatted as text] of last year, have any of the following things happened to you because someone knew or assumed you were attracted to men?" [READ choices. CHECK YES or NO for EACH ONE.]

SO3a.   **You were called names or insulted**

DISC_VER   Discrimination - Verbal

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

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

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

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

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

DISC_SVC   Discrimination - Poor service

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

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

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

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

SO3c.   **You were treated unfairly at work or school**

DISC_WRK   Discrimination - Work/school

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

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

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

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

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

SO3d.   **You were denied or given lower quality health care**

DISC_HC   Discrimination - Health care

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

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

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

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

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

SO3e.   **You were physically attacked or injured**

DISC_ATT   Discrimination - Phys assault

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

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

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

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

Perceived community tolerance

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

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

SO4.   [READ choices.]

TOLRNC   Perceived community tolerance of gays and bisexuals

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

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

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

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

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

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

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

Internet use

In the past 12 months, how often have you used the internet to meet or socialize with gay men either for friendship or sex? This could include social network sites, like Facebook, websites directed towards gay men, like Manhunt, dating sites like OkCupid, or apps, like Grindr. Was it...

[Give Respondent Flashcard H.]

SO5.   [READ choices.]

MSMWEB   M_M Internet usage

At least once a day.. 4

At least once a week but not every day.. 3
At least once a month but not every week... 2

Less than once a month.. 1

Never... 0

Don't Know.. 9

Refuse to Answer... 7

CALC_ENDSO.		
ENDSO	Time social experiences section ended	ENDSO = Current time

END_SO.	Go to Sexual behavior section (SX).

NHBS ROUND 5 QUESTIONNAIRE

SEXUAL BEHAVIOR (SX)

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

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

CALC_BEGSX.		
BEGSX	Time at beginning of sexual behavior section	BEGSX = Current time

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

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

Check_M_FSeries.	If MSM cycle (CYCLE EQ 1) & R did not report male-female sex ever (ES9a NE 1), go to CALC_M_FHET.
	If R is female (ES9 EQ 2), go to F_MSeries.
	Else, go to INTRO_M_FSeries.

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

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 <u>vaginal</u> or <u>anal</u> 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.
M_FSX12

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_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 Confirmation had sex in past year - HET cycle only

No – HAS had female partner... 0

Yes – Has NOT had female partner... 1

Don't Know... 9

Refuse to Answer... 7

HardEdit_SX3conf.	If R reports sex with a woman in past 12 months (SX3conf. EQ 0), DISPLAY: "**INTERVIEWER:** Please clarify then re-enter the number of women respondent had sex with in the past 12 months." Then, go back to SX3.
	Else, go to Check_INTRO_SX4.

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

M_F: Total Main & Casual Ps, 12m

One Partner (.o)

INTRO_SX4.	On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual

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

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

M_F1SX   M_F Type of partner - single

Main partner... 1

Casual partner.. 2

Don't Know... 9

Refuse to Answer.. 7

Check_INTRO_SX5a .	Go to Check_INTRO_SX6a.o.

Multiple Partners (.m)

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

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

HardEdit_SX5a.	If # main partners GT total female partners (SX5a GT SX3), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX5a. Else, go to Check_SX5b.

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

SX5b. **How many were casual partners?**
M_FCSX   M_FC Number of casual partners - 12 months

— — — —

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

HardEdit_SX5b.	If # casual partners GT total female partners (SX5b GT SX3), DISPLAY: "**INTERVIEWER**: The response entered is inconsistent with a prior response (number of female partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX5b. If # main & casual partners NE total female partners ((SX3 GT 1 & LE 7000) & (SX5a 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 & LE 7000), go to INTRO_SX6a.m. If no main partners (SX3 EQ 1 & SX4 EQ 2, DK, or REF) or ((SX3 GT 1 & LE 7000) & (SX5a EQ 0, DK, or REF)), go to Check_INTRO_SX7a.o.

VS - One Main Partner

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

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

M_FM1VS   M_FM VS partners - 12 months - y/n

No... 0

Yes.. 1

Don't Know... 9

Refuse to Answer... 7

Check_INTRO_SX6a.m.	Go to Check_SX6b.o.

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

SX6a.m.	**Of your** [fill with # of female main partners (SX5a)] **female main partners in the past 12 months, with how many did you have vaginal sex?**
M_FMVS	M_FM VS partners - 12 months - number
	— — — —
	Range..0-7000
	Don't Know...9999
	Refuse to Answer...7777

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

Check_SX6b.o.	If 1 main VS partner (SX6a.o EQ 1 or SX6a.m EQ 1), go to SX6b.o. If multiple main VS partners (SX6a.m GT 1 & LE 7000), go to SX6b.m. If no main VS partners (SX6a.o EQ 0, DK, or REF) or (SX6a.m. EQ 0, DK, or REF), go to Check_SX6c.o.

UVS - One Main VS Partner

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

Check_SX6b.m.	Go to Check_SX6c.o.

UVS - Multiple Main VS Partners

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

M_FMUVS   M_FM UVS partners - 12 months - number

— — — —

Range...0-7000

Don't Know...9999

Refuse to Answer...7777

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

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

M_F: Main Ps - Anal Sex, 12m

AS - One Main Partner

SX6c.o.   **In the past 12 months, did you have anal sex with this woman?**

M_FM1AS   M_FM AS partners - 12 months - y/n

No.. 0

Yes.. 1

Don't Know... 9

Refuse to Answer... 7

Check_SX6c.m.	Go to Check_SX6d.o.

AS - Multiple Main Partners

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

M_FMAS   M_FM AS partners - 12 months - number

— — — —

Range..0-7000

Don't Know..9999

Refuse to Answer...7777

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

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

UAS - One Main AS Partner

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

M_FM1UAS   M_FM UAS partners - 12 months - y/n

No... 0

Yes.. 1

Don't Know... 9

Refuse to Answer... 7

Check_SX6d.m.	Go to Check_INTRO_SX7a.o.

UAS - Multiple Main AS Partners

SX6d.m. **In the past 12 months, with how many of these** [fill with # main AS partners (SX6c.m)] **women did you have anal sex without using a condom?**

M_FMUAS   M_FM UAS partners - 12 months - number

— — — —

Range..0-7000

Don't Know..9999

Refuse to Answer...7777

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

M_F: Casual Ps – Vaginal Sex, 12m

Check_INTRO_SX7a.o.	If 1 casual partner (SX4 EQ 2 or SX5b EQ 1), go to INTRO_SX7a.o. If multiple casual partners (SX5b GT 1 & LE 7000), go to INTRO_SX7a.m. If R reports no casual partners (SX3 EQ 1 & SX4 EQ 1, DK, or REF) or ((SX3 GT 1 & LE 7000) & (SX5b EQ 0, DK, or REF)) or (SX3 EQ SX5a) , go to CALC_M_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. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

SX7a.o.	**In the past 12 months, did you have vaginal sex with this woman?**
M_FO1VS	M_FC VS partner - 12 months - y/n

No.. 0

Yes... 1

Don't Know... 9

Refuse to Answer.. 7

Check_INTRO_SX7a.m.	Go to Check_SX7b.o.

VS - Multiple Casual Partners

INTRO_SX7a.m.	DISPLAY: "READ: Now I'm going to ask you about the [fill with "# casual partners (SX5b)"] female casual sex partners you had in the past 12 months. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

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

M_FOVS   M_FC VS partners - 12 months - number

— — — —

Range...0-7000

Don't Know...9999

Refuse to Answer..7777

HardEdit_SX7a.m.	If # casual VS partners GT # casual partners (SX7a.m. GT SX5b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX7a.m. Else, go to Check_SX7b.o.

Check_SX7b.o.	If 1 casual VS partner (SX7a.o EQ 1 or SX7a.m. EQ 1), go to SX7b.o. If multiple casual VS partners (SX7a.m GT 1 & LE 7000), go to SX7b.m. If no casual VS partners ((SX7a.o EQ 0, DK, or REF) or (SX7a.m. EQ 0, DK, or REF)), go to Check_SX7c.o.

UVS - One Casual VS Partner

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

M_FO1UVS   M_FC UVS partner - 12 months - y/n

No... 0

Yes.. 1

Don't Know... 9

Refuse to Answer.. 7

Check_INTRO_SX7b.m.	Go to Check_SX7c.o.

UVS - Multiple VS Casual Partners

SX7b.m.	**In the past 12 months, with how many of these** [fill with # casual VS partners (SX7am)] **women did you have vaginal sex without using a condom?**

M_FOUVS   M_FC UVS partners - 12 months - number

— — — —

Range..0-7000

Don't Know...9999

Refuse to Answer..7777

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

Check_SX7c.o.	If 1 casual female partner (SX4 EQ 2 or SX5b EQ 1), go to SX7c.o. Else, go to SX7c.m.

M_F: Casual Ps – Anal Sex, 12m

AS - One Casual Partner

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

M_FO1AS   M_FC AS partner - 12 months - y/n

No.. 0

Yes... 1

Don't Know... 9

Refuse to Answer... 7

Check_SX7c.m.	Go to Check_SX7d.o.

AS - Multiple Casual Partners

SX7c.m.	**Of your** [fill with # female casual partners (SX5b)] **female casual partners in the past 12 months, with how many did you have anal sex?**

M_FOAS   M_FC AS partners - 12 months - number

— — — —

Range..0–7000

Don't Know..9999

Refuse to Answer...7777

HardEdit_SX7c.m.	If # casual AS partners GT # casual partners (SX7c.m. GT SX5b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX7c.m. Else, go to Check_SX7d.o.

Check_SX7d.o.	If 1 casual AS partner ((SX7c.o EQ 1) or (SX7c.m EQ 1)), go to SX7d.o. If multiple casual AS partners (SX7c.m GT 1 & LE 7000), go to SX7d.m. If no casual AS partners ((SX7c.o EQ 0, DK, or REF) or (SX7c.m EQ 0, DK, or REF)), go to Check_SX7e.o.

UAS - One Casual AS Partner

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

M_FO1UAS   M_FC UAS partner - 12 months - y/n

No... 0

Yes.. 1

Don't Know... 9

Refuse to Answer.. 7

Check_SX7d.m	Go to Check_SX7e.o.

UAS - Multiple AS Casual Partners

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

M_FOUAS   M_FC UAS partners - 12 months - number

— — — —

Range..0–7000

Don't Know..9999

Refuse to Answer...7777

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

Check_SX7e.o.	If 1 casual partner (SX4 EQ 2 or SX5b EQ 1), go to SX7e.o. If multiple casual partners (SX5b GT 1 & LE 7000), go to SX7e.m.

M_F: Casual Ps – Exchange Sex, 12m

EX - One Casual Partner

SX7e.o.	**In the past 12 months, did <u>you give</u> this woman money or drugs in exchange for having sex with you?**
M_FO1EG	M_FC Single exchange - gave

No... 0

Yes... 1

Don't Know.. 9

Refuse to Answer.. 7

Check_SX7e.m.	Go to CALC_M_FHET.

EX - Multiple Casual Partners

SX7e.m.	**Of your** [fill with # casual partners (SX5b)] **female casual partners in the past 12 months, how many did <u>you give</u> money or drugs in exchange for having sex with you?**
M_FOMEG	M_FC Multiple exchange gave

— — — —

Range..0-7000

Don't Know..9999

Refuse to Answer..7777

HardEdit_SX7e.m.	If # exchange partners GT # casual partners (SX7e.m. GT SX5b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX7e.m.
	Else, go to CALC_M_FHET.

CALC_M_FHET.		
M_FHET	M_F HET sex (Y/N)	M_FHET = IF ((M_FSX12=DK or M_FSX12=REF), 9, IF ((M_FSX12=0), 0, IF((M_FSX12=1),1, if ((M_FSX12>1 AND M_FSX12<7001),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 Partner-by-Partner Series (PxPSeries).

SX10.   **How old were you the first time you had oral or anal sex with a man?**

M_MDEBUT   M_M Age at first MSM encounter

— —

Range...0-70

Don't Know...99

Refuse to Answer..77

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

M_M: Total Ps, 12m

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

M_MSX12   M_M Number of male partners - 12 months

— — — —

Range...0-7000

Don't Know..9999

Refuse to Answer...7777

Check_SX11a.	If R does not report # male partners (SX11 EQ DK, or REF), go to CALC_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..9.99

Refuse to Answer..7.77

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."

SX12.   **Was this man a main partner or a casual partner?**

M_M1SX   M_M Type of partner - single

Main partner.. 1

Casual partner.. 2

Don't Know.. 9

Refuse to Answer... 7

Check_INTRO_SX13a.	Go to Check_INTRO_SX14a.o.

Multiple Partners (.m)

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

SX13a.

Of the [fill with "# male partners (SX11)"] **men you've had oral or anal sex with in the past 12 months, how many of them were main partners?**

M_MMSX   M_MM Number of main partners - 12 months

— — — —

Range..0-7000

Don't Know..9999

Refuse to Answer...7777

HardEdit_SX13a.	If # male main partners GT # male partners (SX13a GT SX11), DISPLAY: "**INTERVIEWER**: The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX13a. Else, go to Check_SX13b.

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

SX13b.   **How many were casual partners?**

M_MCSX   M_MC Number of casual partners - 12 months

— — — —

Range...0-7000

Don't Know...9999

Refuse to Answer...7777

HardEdit_SX13b.	If # casual partners GT # male partners (SX13b GT SX11), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX13b.
	If # main & casual partners NE # male partners ((SX11 GT 1 & LE 7000) & (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 & LE 7000) , go to INTRO_SX14a.m.
	If no main partners ((SX11 EQ 1 & SX12 EQ 2, DK, or REF) or ((SX11 GT 1 & LE 7000) & (SX13a EQ 0, DK, or REF)), go to Check_INTRO_SX15a.o.

M_M: Main Ps – Anal Sex, 12m

AS - One Main Partner

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

SX14a.o.	**In the past 12 months, did you have anal sex with this man?**
M_MM1AS	M_MM AS partner - 12 months - y/n
	No.. 0
	Yes.. 1
	Don't Know.. 9
	Refuse to Answer.. 7

Check_INTRO_SX14a.m.	Go to Check_SX14b.o.

AS - Multiple Main Partner

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

.	had in the past 12 months."

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

M_MMAS   M_MM AS partners - 12 months - number

— — — —

Range...0-7000

Don't Know...9999

Refuse to Answer..7777

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

Check_SX14b.o.	If 1 main AS partner (SX14a.o EQ 1) or (SX14a.m EQ 1), go to SX14b.o.
	If multiple main AS partners (SX14a.m GT 1 & LE 7000), go to SX14b.m.
	If no AS partners (SX14a.o EQ 0, DK, or REF) or (SX14a.m EQ 0, DK, or REF), go to Check_INTRO_SX15a.o.

UAS - One Main AS Partner

SX14b.o.	**In the past 12 months, did you have anal sex with him without using a condom?**

M_MM1UAS   M_MM UAS partner - 12 months - y/n

No... 0

Yes.. 1

Don't Know.. 9

Refuse to Answer... 7

Check_SX14b.m	Go to Check_INTRO_SX15a.o.
.	

UAS - Multiple Main AS Partners

SX14b.m.	**In the past 12 months, with how many of these** [fill with # of main AS partners (SX14a.m)] **men did you have anal**

sex without using a condom?

M_MMUAS   M_MM UAS partners - 12 months - number

— — — —

Range...0-7000

Don't Know...9999

Refuse to Answer..7777

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

M_M: Casual Ps – Anal Sex, 12m

Check_INTRO_SX15a.o.	If 1 casual partner (SX12 EQ 2 or SX13b EQ 1), go to INTRO_SX15a.o. If multiple casual partners (SX13b GT 1 & LE 7000), go to INTRO_SX15a.m. If R reports no casual partners ((SX11 EQ 1 & SX12 EQ 1, DK, or REF) or ((SX11 GT 1 & LE 7000) & (SX13b EQ 0, DK, or REF)), or (SX11 EQ SX13a)), go to CALC_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.

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

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

— — — —

Range..0-7000

Don't Know...9999

Refuse to Answer...7777

HardEdit_SX15a.m.	If # male casual AS partners GT # male casual partners (SX15a.m. GT SX13b), DISPLAY: "**INTERVIEWER**: The response entered is inconsistent with a prior response (number of male casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX15a.m.
	Else, go to Check_SX15b.o.

Check_SX15b.o.	If 1 casual AS partner ((SX15a.o EQ 1) or (SX15a.m. EQ 1)), go to SX15b.o.
	If multiple casual AS partners (SX15a.m GT 1 & LE 7000), go to SX15b.m.
	If no casual AS partners ((SX15a.o EQ 0, DK, or REF) or (SX15a.m EQ 0, DK, or REF)), go to Check_SX15c.o.

UAS - One Casual AS Partner

SX15b.o.	**In the past 12 months, did you have anal sex with him without using a condom?**
M_MO1UAS	M_MC UAS partner - 12 months - y/n

No.. 0

Yes... 1

Don't Know.. 9

Refuse to Answer... 7

Check_SX15b.m.	Go to Check_SX15c.o.

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

M_MOUAS   M_MC UAS partners - 12 months - number

— — — —

Range...0-7000

Don't Know...9999

Refuse to Answer..7777

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

M_M: Casual Ps – Exchange Sex, 12m

Check_SX15c.o.	If 1 male casual partner (SX12 EQ 2 or SX13b EQ 1), go to SX15c.o.
	If multiple male casual partners (SX13b GT 1 & LE 7000), go to SX15c.m.
	If R reports no male casual partners ((SX11 EQ 1 & SX12 EQ 1, DK, or REF) or ((SX11 GT 1 & LE 7000) & (SX13b EQ 0, DK, or REF) OR (SX11 EQ SX13a)), go to CALC_BEGPXP**.**

EX - One Casual Partner

SX15c.o.   **In the past 12 months, did <u>you give</u> 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 <u>give you</u> 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 <u>vaginal</u> or <u>anal</u> sex with a man?**

F_MDEBUT   F_M Age at sexual debut

—— ——

Range..0-70

Don't Know...99

Refuse to Answer...77

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

F_M: Total Ps, 12m

SX19.   **In the past 12 months, that is, since** [fill with interview month, formatted as text] **of last year, with how many different men have you had <u>oral</u>, <u>vaginal</u>, or <u>anal</u> 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 Confirmation had sex in past year - HET cycle only

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 & LE 7000) & (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 & LE 7000), go to INTRO_SX22a.m.
	If no main partners (SX19 EQ 1 & SX20 EQ 2, DK, or REF) or ((SX19 GT 1 & LE 7000) & (SX21a EQ 0, DK, or REF)), go to Check_INTRO_SX23a.o.

VS - One Main Partner

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

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

Check_INTRO_SX22a.m.	Go to Check_SX22b.o.

VS - Multiple Main Partners

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

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

Refuse to Answer..7777

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

Check_SX22b.o.	If 1 main VS partner (SX22a.o EQ 1 or SX22a.m EQ 1), go to SX22b.o. If multiple main VS partners (SX22a.m GT 1 & LE 7000), go to SX22b.m. If no main VS partners (SX22a.o EQ 0, DK, or REF) or (SX22a.m. EQ 0, DK, or REF), go to Check_SX22c.o.

UVS - One Main VS Partner

SX22b.o.   **In the past 12 months, did you have vaginal sex with him without using a condom?**

F_MM1UVS   F_MM UVS partners - 12 months - y/n

No.. 0

Yes... 1

Don't Know.. 9

Refuse to Answer... 7

Check_SX22b.m.	Go to Check_SX22c.o.

UVS - Multiple Main VS Partners

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

F_MMUVS   F_MM UVS partners - 12 months - number

—— —— —— ——

Range...0-7000

Don't Know...9999

Refuse to Answer...7777

HardEdit_SX22b.m.	If # UVS partners GT # VS partners (SX22b.m. GT SX22a.m.), DISPLAY: "**INTERVIEWER:** The response entered is

	inconsistent with a prior response (number of male main vaginal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX22b.m. Else, go to Check_SX22c.o.

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

F_M: Main Ps - Anal Sex, 12m

AS - One Main Partner

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

Check_SX22c.m	Go to Check_SX22d.o.

AS - Multiple Main Partners

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

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

	Else, go to Check_SX22d.o.

Check_SX22d.o.	If 1 main AS partner ((SX22c.o EQ 1) or (SX22c.m EQ 1)), go to SX22d.o.
	If GT 1 main AS partner (SX22c.m GT 1 & LE 7000), go to SX22d.m.
	If no main AS partners ((SX22c.o EQ 0, DK, or REF) OR (SX22c.m EQ 0, DK, or REF), go to Check_INTRO_SX23a.o.

UAS - One Main AS Partner

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

Check_SX22d.m **.**	Go to Check_INTRO_SX23a.o.

UAS - Multiple Main AS Partners

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

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

Check_INTRO_SX23a.o.	If 1 casual partner (SX20 EQ 2 or SX21b EQ 1), go to INTRO_SX23a.o.
	If multiple casual partners (SX21b GT 1 & LE 7000), go to INTRO_SX23a.m.
	If R reports no casual partners (SX19 EQ 1 & SX20 EQ 1, DK, or REF) or ((SX19 GT 1 & LE 7000) & (SX21b EQ 0, DK, or REF)), or (SX19 EQ SX21a),go to CALC_F_MHET.

VS - One Casual Partner

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

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

F_MO1VS   F_MC VS partner - 12 months - y/n

No... 0

Yes.. 1

Don't Know... 9

Refuse to Answer.. 7

Check_INTRO_SX23a.m.	Go to Check_SX23b.o.

VS - Multiple Casual Partners

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

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

F_MCVS   F_MC VS partners - 12 months - number

— — — —

Range..0-7000

Don't Know...9999

Refuse to Answer...7777

HardEdit_SX23a.m.	If # casual VS partners GT # casual partners (SX23a.m. GT SX21b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX23a.m. Else, go to Check_SX23b.o.

Check_SX23b.o.	If 1 casual VS partner (SX23a.o EQ 1 or SX23a.m. EQ 1), go to SX23b.o. If multiple casual VS partners (SX23a.m GT 1 & LE 7000), go to SX23b.m. If no casual VS partners ((SX23a.o EQ 0, DK, or REF) or (SX23a.m. EQ 0, DK, or REF)), go to Check_SX23c.o.

UVS - One Casual VS Partner

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

F_MO1UVS F_MC UVS partner - 12 months - y/n

No.. 0

Yes... 1

Don't Know.. 9

Refuse to Answer... 7

Check_INTRO_SX23b.m.	Go to Check_SX23c.o.

UVS - Multiple VS Casual Partners

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

F_MCUVS F_MC UVS partners - 12 months - number

— — — —

Range..0-7000

Don't Know..9999

Refuse to Answer..7777

HardEdit_SX23b.m.	If # casual UVS partners GT # VS partners (SX23b.m. GT SX23a.m), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual vaginal sex partners). Clarify and

	re-enter response to current or prior item as needed." Then go back to SX23b.m.
	Else, go to SX23c.m.

Check_SX23c.o.	If 1 casual male partner (SX20 EQ 2 or SX21b EQ 1), go to SX23c.o.
	Else, go to SX23c.m.

F_M: Casual Ps – Anal Sex, 12m

AS - One Casual Partner

SX23c.o.	**In the past 12 months, did you have anal sex with this man?**
F_MO1AS	F_MC AS partner - 12 months - y/n

No.. 0

Yes... 1

Don't Know.. 9

Refuse to Answer.. 7

Check_SX23c.m.	Go to Check_SX23d.o.

AS - Multiple Casual Partner

SX23c.m.	**Of your** [fill with # casual partners (SX21b)] **male casual partners in the past 12 months, with how many did you have anal sex?**
F_MCAS	F_MC AS partners - 12 months - number

— — — —

Range..0-7000

Don't Know...9999

Refuse to Answer..7777

HardEdit_SX23c.m.	If # casual AS partners GT # casual partners (SX23c.m. GT SX21b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual partners). Clarify and re-enter response to current or prior item as needed. " Then, go back to SX23c.m.
	Else, go to Check_SX23d.o.

Check_SX23d.o.	If 1 casual AS partner ((SX23c.o EQ 1) or (SX23c.m EQ 1)), go to SX23d.o.
	If multiple casual AS partners (SX23c.m GT 1 & LE 7000), go to SX23d.m.
	If no casual AS partners ((SX23c.o EQ 0, DK, or REF) or (SX23c.m EQ 0, DK, or REF)), go to Check_SX23e.o.

UAS - One Casual AS Partner

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

F_MO1UAS   F_MC UAS partner - 12 months - y/n

No.. 0

Yes... 1

Don't Know.. 9

Refuse to Answer.. 7

Check_SX23d.m.	Go to Check_SX23e.o.

UAS - Multiple AS Casual Partners

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

F_MCUAS   F_MC UAS partners - 12 months - number

— — — —

Range...0-7000

Don't Know...9999

Refuse to Answer...7777

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

Check_SX23e.o.	If 1 casual partner (SX20 EQ 2 or SX21b EQ 1), go to SX23e.o.
	If multiple casual partners (SX21b GT 1 & LE 7000), go to SX23e.m.

EX - One Casual Partner

SX23e.o.   **In the past 12 months, did this man <u>give you</u> 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 <u>gave you</u> money or drugs to have sex with them?**

F_MCMER   F_MC Multiple exchange received

—— —— —— ——

Range..0-7000

Don't Know...9999

Refuse to Answer...7777

HardEdit_SX23e.m.	If # casual exchange partners GT # casual partners (SX23e.m GT SX21b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX23e.m.
	Else, go to CALC_F_MHET.

CALC_F_MHET.		
F_MHET	F_M HET sex (Y/N)	F_MHET = IF ((F_MSX12=.DK or F_MSX12=.REF), 9, IF ((F_MSX12=0), 0, IF((F_MSX12=1),1, if ((F_MSX12>1 AND F_MSX12<7001),1,0))))

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.

PxPSeries: Partner-by-Partner (CALC_PS12PXP – SX72b)

CALC_BEGPXP.		
BEGPXP	Time at beginning of PxP series	BEGPXP = Current time

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

CALC_ASANY12M.		
ASANY12M	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.

CALC_EXANY12M.		
EXANY12M	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.

Check_INTRO_PxPSeries.	If R is male & 1+ male or female Ps or R is female & had 1+ male Ps in past 12m (PS12PXP GE 1), go to INTRO_PxPSeries.
	Else go to CHECK_INTRO_SX73a.

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

PxP: Number of Partners, 3m

INTRO_PxPSeries.	On one screen, DISPLAY: **"READ:** This next set of questions is about your [if R is male (ES9 EQ 1) & 1 partner in past 12m (PS12PXP EQ 1), fill with "sex partner"; else, if R is male (ES9 EQ 1), fill with "sex partners"; if R is female (ES9 EQ 2) & 1 male partner in past 12m (PS12PXP EQ 1), fill with "male sex partner"; else, if R is female (ES9 EQ 2), fill with "male sex partners"], things you did with them, and when you did those things. I've brought this calendar to help you remember things that may have happened and when they happened. Some of the questions are about the past 3 months, that is, since [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 oral, vaginal or anal sex. [**INTERVIEWER:** Give Respondent Flashcard I.]"

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

SX27a.   **Earlier, you told me that you had sex with one woman during the past 12 months. Have you had sex with her during the <u>past 3 months</u>, 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 <u>women</u> have you had sex with in the <u>past 3 months</u>, 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 only	Male Rs (ES9=1):
		 If (FP3MYN & MP3MYN EQ 0 or 1), PS3MPXP=FP3MYN+MP3MYN.
		 If (FP3MYN EQ 0 or 1) & (MALPS3M GE 0 & NE DK, REF, or SK), PS3MPXP=FP3MYN+MALPS3M).
		 If (MP3MYN EQ 0 or 1) & (FEMPS3M GE 0 & NE DK, REF, or SK), PS3MPXP=MP3MYN+FEMPS3M.
		 If (FEMPS3M & MALPS3M GE 0 & NE DK, REF, or SK), PS3MPXP =FEMPS3M+MALPS3M.
		 If (FEMPS3M GE 0 & NE DK, REF, or SK) & (MALPS3M EQ DK, REF, or SK), PS3MPXP=FEMPS3M.
		 If (FEMPS3M EQ DK, REF, or SK) & (MALPS3M GE 0 & NE DK, REF, or SK), PS3MPXP= 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.   [**INTERVIEWER:** Be sure that initials for second-to-last partner are different from last partner.]

P2_FILL   Partner 2 initials, 3m

— — — — — — — — — — — — — — — — — — — ——

{text response; max length = 100 characters}

Refuse to Answer.. 7

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

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

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

P3_FILL   Partner 3 initials, 3m

— — — — — — — — — — — — — — — — — — — ——

{text response; max length = 100 characters}

Refuse to Answer... 7

Check_P1Series.	If P1 initials reported (SX28 NE REF), go to INTRO_P1Series.
	If P1 initials NOT reported (SX28 EQ REF) & more than 1 total partner, past 3 months (PS3MPXP GT 1), go to Check_INTRO_P2Series.
	Else, go to 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 SX32.
	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_SX32.	If R is male (ES9 EQ1) and P1 gender NOT reported (SX31 EQ DK or REF), go to Check_INTRO_P2Series.

> Else, go to 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 is male (P1AGERL 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...9.99

Refuse to Answer..7.77

[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

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

[Give Respondent Flashcard N.]

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

P1TYPE   P1: type

Main partner.. 1

Casual partner.. 2

Don't Know... 9

Refuse to Answer... 7

P1: Relationship Length

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

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

P1LT_N   P1: Relationship length - Number

— — —

Range..0-365

Don't Know..9-99

Refuse to Answer..7-77

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

> Else, go to Check_SX36.

SX35b.

P1LT_U

INTERVIEWER: Was this days or months or years?

P1: Relationship length - Unit

Days.. 0

Months.. 1

Years.. 2

CALC_P1RLLE1Y. P1RLLE1Y	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), P1RLLE1Y=1. Else, P1RLLE1Y=0.

Check_SX36.	If MSM cycle (CYCLE EQ 1), go to SX36. Else, go to INTRO_SX37a.

Where did you first meet [fill with "P1 initials" (SX28)]**?**

SX36.

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

INTRO_SX37a.	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.]

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

SX37a. [READ choices.]

P1IDU P1: Ever injected

Definitely did not.. 0

Probably did not.. 1

Probably did.. 2
Definitely did... 3

Don't Know... 9

Refuse to Answer... 7

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

SX37b. [READ choices.]

P1CRACK P1: Ever used crack

Definitely did not.. 0

Probably did not.. 1

Probably did.. 2

Definitely did... 3

Don't Know... 9

Refuse to Answer... 7

As far as you know, has [fill with "P1 initials" (SX28)] **ever been in prison or jail for more than 24 hours? Would you say they:**

SX38. [READ choices.]

P1JAIL P1: Ever incarcerated

Definitely did not... 0

Probably did not... 1

Probably did.. 2

Definitely did.. 3

Don't Know... 9

Refuse to Answer.. 7

Check_SX39.	If R is male (ES9 EQ 1), go to Check_SX40a. Else go to SX39.

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

SX39.   [READ choices.]

P1MSM   P1: Ever MSM

Definitely did not.. 0

Probably did not... 1

Probably did.. 2

Definitely did.. 3

Don't Know... 9

Refuse to Answer.. 7

P1: Concurrency

Check_SX40a.	If relationship 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 <u>past 12 months</u> **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 <u>past 12 months</u> 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

<u>P1: Date of Last Sex</u>

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 - Current

Don't Know (Year).. 9999

Refuse to Answer (Year)... 7777

CALC_P1DATE_C.

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

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

HardEdit_SX42.   If R reported 0 sex partners in past 3m (PS3MPXP EQ 0) and & date of last sex with P1 is 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), 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).

P1: Frequency of sex, 3m

INTRO_SX43a.	DISPLAY: "READ: I would now like to ask you about the times you had sex with [fill with "P1 initials" (SX28)] in the past 3 months. Take a moment to think back about the times you had sex with [fill with P1 initials (SX28)] in the past 3 months, that is, since [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), 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 ʸthree 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

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 <u>three months</u>, 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.		
ASANY3M	P1: Any anal sex, 3m, for PxP logic	If R reported anal sex with P1 in p 3m ((P1AS3M GE 1 & NE (DK, REF, or SK)) or (P1IAS3M GE 1 & NE (DK, REF, or SK)) or (P1RAS3M GE 1 & NE (DK, REF, or SK)), ASANY3M EQ 1. Else, ASANY3M EQ 0.

P1: Last event

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

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

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

P1EXREC   P1: Received money/drugs for sex at last event

No.. 0

Yes... 1

Don't Know... 9

Refuse to Answer... 7

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

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

P1EXGAV   P1: Gave money/drugs for sex at last event

No.. 0

Yes... 1

Don't Know... 9

Refuse to Answer... 7

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

Else, go to SX48a.

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

P1LVS   P1: VS at last event

No.. 0

Yes... 1

Don't Know... 9

Refuse to Answer... 7

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

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

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, or REF) & (SX49a EQ 0, DK, REF, or SK), go to SX49conf. If R is male (ES9 EQ 1) & P1 is female (SX31 EQ 2) & no vaginal or anal sex at last event with P1 (SX48a EQ 0, DK, or REF) & (SX49a EQ 0, DK, REF, or SK), go to SX49conf. If R & P1 both male (ES9 EQ 1 & SX31 EQ 1) & no anal sex at last event (SX49a EQ 0, DK, REF), go to SX49conf. Else, go to SX50a.

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

P1OSONLY   P1: Oral sex only at last event

No..   0

Yes..   1

Don't Know..   9

Refuse to Answer..   7

Check_SX49b. If R is male (ES9 EQ 1) and P1 is male (SX31 EQ 1) and R reports sex other than oral (SX49conf EQ 0), go back to SX49a. If R and P1 are opposite sex ((ES9 EQ 1 and SX31 EQ 2) or (ES9 EQ 2)) and reports sex other than oral (SX49conf EQ 0), go back to SX48a. Else go to SX50a.

SX49b.   **During anal sex that last time, did you or** [fill with "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

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 INTRO_P2Series. 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 SX52. 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_SX52. | 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 (P2AGERL 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...9.99

Refuse to Answer...7.77

[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

SX55.   **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.**

P2DATE   P2: date of most recent sex

                      __ __ / __ __ __ __

                      Range (Year)..1900 - Current

                      Don't Know (Year).. 9999

                      Refuse to Answer (Year)... 7777

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

P2DATE date

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

HardEdit_SX55.	If date of last sex with 2nd to last SP was 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 2nd to last sex partner in past 3 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX55. Else, go to INTRO_SX56a.

P2: Frequency of sex, 3m

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

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

SX56a. **In the past <u>three months</u>, 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** <u>three months</u>**, 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...9.9.99

Refuse to Answer...7.7.77

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...0-70.00

Don't Know...9.9.99

Refuse to Answer...7.7.77

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 <u>three months</u>, 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 ES9 EQ 2) & R reported exchange in past 12 months (EXANY12M EQ 1), go to SX60a. Else, go to Check_SX60b.

SX60a.   **When you had sex that last time, did** [fill with "Pa2 initials" (SX29)] <u>give you</u> **money or drugs to have sex with him?**

P2EXREC   P2: Received money/drugs for sex at last event

No.. 0

Yes... 1

Don't Know... 9

Refuse to Answer... 7

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

SX60b.   **When you had sex that last time, did** <u>you give</u> [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_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

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

.	INTRO_P3Series.
	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 SX63.
	Else, go to SX62.

SX62.	**Is** [fill with "P3 initials" (SX30)] **male or female?**
P3GENDR	P3: gender
	Male...1
	Female...2
	Don't Know..9
	Refuse to Answer..7

Check_SX63.	If P3 gender reported (SX62 NE DK or REF), go to 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 (P3AGERL 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: Exact age

— — —

Range...0-100

Don't Know..9.99

Refuse to Answer..7.77

[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

SX66.

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.**

P3DATE   P3: date of most recent sex

__ __ / __ __ __ __

Range (Year)...1900 - Current

Don't Know (Year)... 9999

Refuse to Answer (Year).. 7777

CALC_P3DATE_C.

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

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

HardEdit_SX66.	If date of last sex with 3rd 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 3rd to last sex partner in past 3 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX66. Else, go to INTRO_SX67a.

P3: Frequency of sex, 3m

INTRO_SX67a.	
	DISPLAY: "READ: I would now like to ask you about the times you had sex with [fill with "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)), go to SX67a. Else, go to Check_SX68a.

SX67a.   **In the past <u>three months</u>, 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 <u>three months</u>, 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 <u>three months</u>, 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 <u>three months</u>**, 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)] <u>**give you**</u> **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 <u>you give</u> [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

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.	On one screen, 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 INTRO_SX74a.

SX73b.

Did you have an operation that made it impossible for you to have a baby <u>more than </u>12 months ago<u>, that is, before </u>[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) 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

SX74gi.   **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 SX74.
.	Else, go to CALC_ENDSX.

F_F: Total Ps, 12m

SX75.   **Now I'm going to ask you about having sex with other women. In the past 12 months, with how many different women have you had sex?**

F_FSXYR   F_F Number of female sex partners - 12 months

—— —— —— ——

Range...0-1000

Don't Know...9999

Refuse to Answer...7777

CALC_ENDSX.		
	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
Preloaded variables	--	IDATEM	Interview date: Month
Preloaded variable	--	IDATED	Interview date: day
Eligibility Screener	ES9	GENDER	Gender
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Consent	CN1	CONSENTA	Consent to survey
Sexual Behavior	--	ENDSX	Time sexual behavior section ended

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

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

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

During the past <u>30 days</u>, that is, since the [(if interview month is January, March, May, July, August, October, or December (IDATEM EQ 01, 03, 05, 07, 08, 10, or 12) & interview day is the 31st (IDATED EQ 31), fill with "1st of this month"); if interview month is March (IDATEM EQ 03) & interview day is the 29th or 30th (IDATED EQ 29 or 30), fill with "28th of February"; else, [[Fill with interview date][Fill with suffix] of last month], **have you had at least one drink of**

AL1.   **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)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded variables	--	CYCLE	NHBS Cycle
Preloaded Variables	--	AGO12M_C	12 mos before interview: Century Month
Eligibility Screener	CALC_AGE	AGE	QDS calculated age today
Eligibility Screener	ES9	GENDER	Gender
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Consent	CN1	CONSENTA	Consent to survey
Demographics	DM5	SCHOOL	Education
Demographics	--	POVERTY	Poverty Status
Sexual Behavior	--	M_FHET	M_F HET sex (Y/N)
Sexual Behavior	--	F_MHET	F_M HET sex (Y/N)
Sexual Behavior	--	ENDSX	Time sexual behavior section ended
Alcohol Use	--	ENDAL	Time alcohol use section ended

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

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

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

Injection history, lifetime

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

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

No.. 0

Yes.. 1

Don't Know.. 9

Refuse to Answer.. 7

Check_ID1a.	If R has ever injected (ID1 EQ 1), go to ID1a.
	Else, go to CALC_LINJ12.

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

AGEINJ   INJ Age at first injection

— —

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

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

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

HardEdit_ID1a**.**	If age of first injection is greater than current age (ID1a GT AGE), DISPLAY: "**INTERVIEWER:** The age of first injection should be less than respondent's current age, ([fill with current age (AGE)])." Then, go back to ID1a.
	Else, go to ID1b.num.

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

OPIFIRST   Hooked on painkillers before first injection

No.. 0

Yes.. 1

Don't Know.. 9

Refuse to Answer.. 7

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

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

ID1b.num.   [**INTERVIEWER:** If today, enter "0"]

LINJN   When last injected, number

— — —

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

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

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

Check_ID1b.dmy.	
	If R does not report time since last injection (ID1b.num EQ DK or REF), go to CALC_LINJ12.
	If R last injected on day of interview (ID1b.num EQ 0), go to Check_INTRO_ID2.
	Else, go to ID1b.dmy.

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

ID1b.dmy.

LINJ_U   When last injected: day, month or year

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

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

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

Check_INTRO_ID2 .	If R last injected in the past year (ID1b.num EQ 0 or (ID1b.num LE 12 & ID1b.dmy EQ 1) or (ID1b.num LE 365 & ID1b.dmy EQ 0) or (ID1b.num LE 1 & ID1b.dmy EQ 2)) go to INTRO_ID2.
	Else, go to 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 <u>12 months</u>, that is, since [fill with interview month, formatted as text] of last year."

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

ID2.   [READ choices.]

INJFX12   Overall injection frequency,12m

More than once a day.. 1

Once a day.. 2

More than once a week... 3
Once a week or less.. 4

Don't Know... 9

Refuse to Answer... 7

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

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

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

ID3a.   [READ choices.]

INJ_SB   Speedball (heroin and cocaine together) frequency - 12 months

More than once a day.. 1

Once a day.. 2

More than once a week... 3
Once a week or less.. 4

Never... 5

Don't Know... 9

Refuse to Answer... 7

How often did you inject heroin, 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_ID5.

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

[Give Respondent Flashcard B.]

ID4a.   [READ choices.]

INJMOST1   Drug injected most often - 12 months – MSM, HET

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

Heroin, by itself.. 2

Powder cocaine, by itself.. 3

Crack cocaine, by itself... 4

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

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

Something else.. 7

Don't Know..99

Refuse to Answer..77

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

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

No.. 0

Yes... 1

Don't Know... 9

Refuse to Answer... 7

Check_ID4b.2 .	If R injected another drug in the past 12 months (ID4C.1 EQ 1), go to ID4c.2. Else, go to INTRO_ID5a.

What other drugs did you inject?

[Give Respondent Flashcard B.]

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

INJMOST   Other drugs injected, 12m – MSM, HET

INJMOSTA   Speedball, which is heroin and cocaine together

INJMOSTB   Heroin, by itself ....

INJMOSTC   Powder cocaine, by itself ....

INJMOSTD   Crack cocaine, by itself..

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

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

INJMOSTG   Something else ....

Don't Know...99

Refuse to Answer...77

Injection Equipment Type and Sources, 12m

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

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

ID5a.   [Give Respondent Flashcard S.]

INJREM   Used syringe with removable needle - 12 months

No... 0

Yes.. 1

Don't Know... 9

Refuse to Answer... 7

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

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

ID5b.   [READ choices.]

INJREMFR   Frequency used syringe with removable needle - 12 months

Rarely... 1

About half the time.. 2

Most of the time.. 3

Always... 4

Don't Know... 9

Refuse to Answer... 7

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 T.]

ID7.   [READ choices. CHECK ALL that apply.]

NDLEDSP   How disposed of used needle - 12 months

NDLEDSPA   Put it in a medical sharps container

NDLEDSPB   Threw it away

NDLEDSPC   Kept it

NDLEDSPD   Gave or sold it to someone else

NDLEDSPE   Took it to a needle or syringe exchange program

NDLEDSPF   Did something else with it

Don't Know... 9

Refuse to Answer... 7

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

ID7spec.   **INTERVIEWER: Specify other method of disposing of used needles**
SPECDISP   How disposed of used needle: Other specify

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

[Give Respondent Flashcard U.]

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

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 Behaviors, 12m

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

.	Else, go to ID9.

INTRO_ID9.	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 <u>different people</u> did you use a needle after they injected with it?**

NUM_NA   Used needle after-number of people

— — —

Range..0-300.........

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

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

ID10. **In the past 12 months, how many <u>different people</u> did you give your needle to use after you had already injected with it?**

NUM_GIVE   Gave needle after injected with it - number of people

— — —

Range..0-300.........

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

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

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

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

— — —

Range..0-300.........

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

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

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

NUM_DDA   Used drugs divided up after - number of people

— — —

Range...0-300...........

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

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

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

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

[Give Respondent Flashcard U.]

ID13.   [READ choices.]

SHARNDLE   Used needle after- frequency

Never... 0

Rarely.. 1

About half the time.. 2

Most of the time.. 3

Always... 4

Don't Know.. 9

Refuse to Answer.. 7

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

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

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

[Give Respondent Flashcard U.]

ID14.

[READ choices.]

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

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

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

[Give Respondent Flashcard U.]

ID15.   [READ choices.]

SHARWORK   Used cooker, cotton, water 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 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, <u>how often</u> did you use drugs that had been divided with a syringe that someone had already injected with?

[Give Respondent Flashcard U.]

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.

Check_INTRO_ID17.	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.

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 <u>last time</u> you shared any injection equipment with someone?**

INJL_D   Date last time injected with someone

__ __ / __ __ __ __ (MM/YYYY)

Range (Year)..1900-Current

Don't Know...9999

Refuse to Answer..7777

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

HardEdit_ID17.	If R reports last sharing injection equipment with someone more than 12 months ago ((INJLD_C LT AGO12M_C) or (INJL_DY BEFORE (IDATEY-1)), DISPLAY: "**INTERVIEWER:** The respondent said earlier that they have shared equipment with at least one person in the past 12 months. The most recent time they shared should be within the past 12 months. Clarify and re-enter response to current or prior item as needed." Then, go back to ID17.

Check_ID17conf.	If R does not know when he last shared injection equipment with someone in the past 12 months (ID17 EQ DK), go to ID17conf.

	If R refuses to report when he last shared injection equipment with someone in the past 12 months (ID17 EQ REF), go to CALC_LINJ12.
	If R shared injection equipment within the past 12 months (INJLD_C GE AGO12M_C), go to ID18.

ID17conf.

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

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

No... 0

Yes.. 1

Don't Know... 9

Refuse to Answer... 7

HardEdit_ID17conf.	If R does not confirm that he shared injection equipment with someone in the past 12 months (ID17conf EQ 0), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (reported sharing injection equipment with at least one person in past 12 months). Clarify and re-enter response to current or prior item as needed." Then go back to ID17. Else, go to Check_ID18.

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

ID18.   **The last time you shared with someone, did you use a needle after anyone else had already injected with it?**

INJL_UN   Used needle after someone - last time

No... 0

Yes.. 1

Don't Know... 9

Refuse to Answer... 7

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

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

INJL_GIV   Gave used needle to someone else - last time

No... 0

Yes.. 1

Don't Know.. 9

Refuse to Answer.. 7

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

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

INJL_UCW   Used same cooker, cotton, water - last time

No... 0

Yes.. 1

Don't Know.. 9

Refuse to Answer.. 7

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

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

INJL_US   Used drugs divided with same syringe - last time

No... 0

Yes.. 1

Don't Know.. 9

Refuse to Answer.. 7

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

INJL_NUM   Number of people shared equipment with – last time

— — —

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

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

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 <u>most often</u>. The next few questions are about that person."

ID23.   **Is this person male or female?**

INJL_MF   Sex of last injecting partner

Male.. 1

Female.. 2

Other.. 3

Don't Know.. 9

Refuse to Answer.. 7

Check_ID24.	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:

ID24.   [READ choices.]

INJLEMSM   Last injecting partner is MSM

Definitely did not.. 0

Probably did not... 1

Probably did... 2

Definitely did.. 3

Don't Know.. 9

Refuse to Answer.. 7

ID25.   **How old is this person?**

INJL_AGE   Last injecting partner age

— — —

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

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

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

[Give Respondent Flashcard M.]

Which of the following best describes this person's racial or ethnic background? You may choose more than one option.

ID26.   [READ choices. CHECK ALL that apply.]

INJLRE   Last injecting partner race

INJLREA   American Indian or Alaska Native...

INJLREB   Asian...

INJLREC   Black or African American...

INLRED   Hispanic or Latino...

INLREE   Native Hawaiian or Other Pacific Islander...

INJLREF   White...

Don't Know.. 9

Refuse to Answer.. 7

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

IPKNWSTS   Know HIV status - Last injecting partner

No.. 0

Yes... 1

Refuse to Answer.. 7

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

What was their HIV status?

ID27b.   [DO NOT read choices.]

INJL_HIV   HIV status - Last injecting partner

HIV-negative.. 1

HIV-positive... 2

Indeterminate.. 3

Refuse to Answer.. 7

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

IPKNWHCV   Knew HCV status - last injecting partner

No.. 0

Yes... 1

Refuse to Answer.. 7

Check_ID28b.	If R knew last sharing partner's hepatitis C status (ID28a EQ 1), go to ID28b. Else, go to ID29.

What was their hepatitis C status?

ID28b.
INJL_HCV

[DO NOT read choices.]
HCV status - Last injecting partner
HCV-Negative.. 1
HCV-Positive... 2
Refuse to Answer.. 7

[Give Respondent Flashcard V.]

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

ID29.

[READ choices.]

INJL_REL

Type of relationship - Last injecting partner

Sex partner, such as your spouse, boyfriend/girlfriend, or other
person you have sex with.. 1

Relative... 2

Friend or someone you knew well who was not a sex partner............................ 3

Needle or drug dealer.. 4

Stranger or someone you did not know well.. 5

Other... 6

Don't Know.. 9

Refuse to Answer.. 7

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

Check_CALC_ENDID.	If IDU cycle & R did not inject in the past 12 months (CYCLE EQ 2 & LINJ12 NE 1), go to CALC_ENDCORE. Else, go to CALC_ENDID.

CALC_ENDID.

	Time injection drug use section	
ENDID	ended	ENDID = Current time

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

NHBS ROUND 5 QUESTIONNAIRE

NON-INJECTION DRUG USE (ND)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded variable	--	CYCLE	NHBS Cycle
Eligibility Screener	ES9	GENDER	Gender
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Consent	CN1	CONSENTA	Consent to survey
Injection Drug Use	ID3E	INJ_METH	Methamphetamine frequency - 12 months
Injection Drug Use	ID4B	INJMOST1	Drug injected most often - 12 months – MSM, HET
Injection Drug Use	ID4C.2	INJMOSTE	Other drugs injected - 12 months – MSM, HET
Injection Drug Use	--	ENDID	Time injection drug use section ended
Sexual Behavior	--	ENDSX	Time sexual behavior section ended
Alcohol Use	--	ENDAL	Time alcohol use section ended

UNIVERSE_ND.	All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed all prior sections ((ENDSX, ENDAL, & ENDID) are not missing).

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

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

ND1.	**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 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

Check_INTRO_ND2.	If R has used non-injection drugs (ND1 EQ 1), go to INTRO_ND2A.
	If R did not report using non-injection drugs (ND1 EQ 0, DK or REF) & R injected methamphetamine in the past 12 months ((ID3E EQ 1, 2, 3, or4) or (ID4B EQ 5) or (INJMOSTE EQ 1)), go to Check_ND3.
	Else, go to CALC_ENDND.

INTRO_ND2A.	DISPLAY: "[Give Respondent Flashcard R.]
	READ: I'm going to read you a list of drugs. For each drug I mention, please tell me how often you used it in the past 12 months. Do NOT include the times that you injected drugs or used drugs that were prescribed for you."

ND2A. How often did you use marijuana?

ND_MJ How often used marijuana past 12 months

More than once a day.. 1

Once a day... 2

More than once a week.. 3

Once a week or less... 4

Never.. 5

Don't Know... 9

Refuse to Answer... 7

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

ND_METH How often used methamphetamine past 12 months

More than once a day.. 1

Once a day... 2

More than once a week.. 3

Once a week or less... 4

Never.. 5

Don't Know... 9

Refuse to Answer... 7

ND2C. **How often did you use crack cocaine?**

ND_CRACK   How often used crack cocaine past 12 months

More than once a day.. 1

Once a day... 2

More than once a week... 3

Once a week or less.. 4

Never.. 5

Don't Know... 9

Refuse to Answer.. 7

ND2D. **How often did you smoke or snort powder cocaine?**

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

More than once a day.. 1

Once a day... 2

More than once a week... 3

Once a week or less.. 4

Never.. 5

Don't Know... 9

Refuse to Answer.. 7

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

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

More than once a day.. 1

Once a day... 2

More than once a week... 3

Once a week or less.. 4

Never.. 5

Don't Know... 9

Refuse to Answer.. 7

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

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

More than once a day.. 1

Once a day... 2

More than once a week.. 3

Once a week or less.. 4

Never.. 5

Don't Know.. 9

Refuse to Answer.. 7

ND2G. **How often did you use X or ecstasy?**

ND_X   How often used X or ecstasy past 12 months

More than once a day.. 1

Once a day... 2

More than once a week.. 3

Once a week or less.. 4

Never.. 5

Don't Know.. 9

Refuse to Answer.. 7

ND2H. **How often did you smoke or snort heroin?**

ND_HER   How often used heroin that is smoked or snorted past 12 months

More than once a day.. 1

Once a day... 2

More than once a week.. 3

Once a week or less.. 4

Never.. 5

Don't Know.. 9

Refuse to Answer... 7

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

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

ND_POP   How often used poppers (amyl nitrite) past 12 months

More than once a day.. 1

Once a day.. 2

More than once a week.. 3

Once a week or less... 4

Never... 5

Don't Know.. 9

Refuse to Answer... 7

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

ND_OTHYN   Used other non-injection drugs past 12 mos

No.. 0

Yes... 1

Don't Know.. 9

Refuse to Answer... 7

Check_ND2J.spec.	If R has used another non-injection drug (ND2J EQ 1), go to ND2J.spec.
	Else, go to Check_ND3.

ND2J.spec. **What other drugs did you use that you did NOT inject?**
ND_OTHSP   Other non-injection drugs

——

{text response; max length = 100 characters}

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

CALC_ENDND.
ENDND   Time ND section ended   ENDND = Current time

END_ND.   Go to Drug Treatment Section (TX).

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

CALC_BEGTX.		
BEGTX	Time at beginning of TX 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 INJ3F LT5 OR ID4B 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."

TX3.

Have you taken medicines, like methadone, buprenorphine, Suboxone or Subutex, to treat drug use in the past <u>12 months?</u>

MAT

Drug tx tried to get in

No.. 0

Yes.. 1

Don't Know.. 9

Refuse to Answer... 7

TX4.

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

MATTRY

Drug tx tried to get in

No.. 0

Yes.. 1

Don't Know.. 9

Refuse to Answer... 7

TX5.

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

OVERDOSE   Overdosed in past 12 months

No... 0

Yes.. 1

Don't Know... 9

Refuse to Answer.. 7

CALC_ENDTX.

	Time drug treatment section	
ENDTX	ended	ENDTX = Current time

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

NHBS ROUND 5 QUESTIONNAIRE

HIV TESTING EXPERIENCES (HT)

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

Universe_HT.	All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed all prior sections ((ENDSX, ENDAL, ENDID, ENDND, & ENDTX) are not missing).

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

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

HT1.   **Have you ever had an HIV test?**
EVERTEST   Ever tested for HIV

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

Check_HT2.	If R ever tested for HIV (HT1 EQ 1), go to HT2. If R never tested for HIV (HT1 EQ 0), go to HT6. If R did not report if ever tested for HIV (HT1 EQ DK or REF), go to INTRO_HT11.

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

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

Universe_NSRPSeries.	Rs who ever tested and did NOT report ever testing HIV-positive (HT1 EQ 1) & (HT2 EQ 0, DK, or REF).

Non-Self-reported Positive (NSRP) Series (HT3 – HT6a)

Recent HIV testing

HT3.   **In the past 2 years, that is, since** [fill with interview month, formatted as text] [interview year -2], **how many times have you had an HIV test?**
TEST2YRS   Number of times tested, past 2 years
                Range...0-700
                Don't Know...999
                Refuse to Answer...777

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

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

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

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

HardEdit_HT4.	If 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.

	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.
Check_HT4conf.	Else, go to HT4a.

HT4conf.
C_RCNTST

Was your most recent HIV test in the past 12 months, that is, since [fill with interview month, formatted as text] **of last year?**

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.
LOCHIV

[DO NOT READ choices.]

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.
GOTRCNT

Did you get the result of your most recent HIV test?

Got result most recent HIV test

No.. 0

Yes... 1

Don't Know... 9

Refuse to Answer... 7

	If R received result of recent test (HT4b EQ 1), go to HT4c.
Check_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**

RHTST12M   **have you tested yourself with a rapid home HIV test?**

Times tested, rapid home test, 12 months

Range..0-700

Don't Know...999

Refuse to Answer...777

	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 <u>most important reason</u> you have not been tested for HIV in the past <u>12 months</u>?

HT6.   [READ choices.]

RENT12M   Reason not tested past 12 mos

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

You were afraid of finding out that you had HIV?... 2

You didn't have time?.. 3

Some other reason?.. 4

No particular reason.. 5

Don't Know.. 9

Refuse to Answer... 7

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

	Else, go to INTRO_HT11.

HT6a.
SPECNTST

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

Most important reason not tested past 12 months

——

{text response; max length = 100 characters}

Don't Know.. 9

Refuse to Answer... 7

Check_SRPSeries.	Go to INTRO_HT11.

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

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

HT7.
POS1ST

When did you <u>first</u> test positive? Please tell me the month and year.

Date of first positive test

__ __ / __ __ __ __ (MM/YYYY)

Range (Year) 1900-Current

Don't Know (Year)... 9999

Refuse to Answer (Year)... 7777

Check_CALC_POS1ST_C.	If R did not report when they first tested positive (HT7 EQ DK or REF), go to HT7a. Else, go to CALC_POS1ST_C.

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

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

HardEdit_HT7.	If date R first tested positive after interview date ((POS1ST_C GT IDATE_C) or (POS1STY AFTER IDATEY)), DISPLAY: "**INTERVIEWER:** The date respondent first tested HIV-positive cannot be after today's date." Then, go back to HT7.
	If date R first tested positive before date of birth (HT7 BEFORE ES1), DISPLAY: "**INTERVIEWER:** The date respondent first tested HIV-positive cannot be before the date of birth, [fill with response to ES1, formatted as Month DD, YYYY]." Then go back to HT7.
	If date R first tested positive after most recent test date ((POS1ST_C GT RCNTST_C) or (POS1STY AFTER RCNTSTY)), DISPLAY: "**INTERVIEWER:** The date respondent first tested HIV-positive cannot be after the most recent test [if month & year of last test are known, fill with response to HT4, formatted as "in month, YYYY"; if month missing but year known, fill with response to HT4 (year), formatted as "in YYYY"]., Then go back to HT7.
	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.
LOC1POS

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

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

HT7b.
POSASKED

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?
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

HT7d.
TLDCARE

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

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

Linkage to Care

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

HT8a. POSMD	**Have you ever been seen by a doctor, nurse, or other health care provider for a medical evaluation or care related to your HIV infection?** Seen health care provider for HIV infection

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

Check_HT8b.	If R has ever been seen for HIV care (HT8aEQ 1), go to HT8b. Else, go to INTRO_HT11.

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

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

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

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

HardEdit_HT8b.	If R's date of first visit for HIV care is after date of interview ((FRSTMD_C GT IDATE_C) or (FRSTMDY AFTER IDATEY)), DISPLAY: "**INTERVIEWER:** The date respondent first saw a health care provider about his or her positive serostatus cannot be after today's date." Then, go back to HT8b.
	If R's date of first visit for HIV care is before date of birth (HT8b BEFORE ES1), DISPLAY: "**INTERVIEWER:** The date respondent first saw a health care provider about his or her positive serostatus cannot be before the date of birth, [fill with (value for ES1, formatted as Month DD, YYYY)]. Then, go back to HT8b.
	If R's date of first visit for HIV care is before date of first HIV-positive test date ((POS1ST_C GT FRSTMD_C) or (POS1STY AFTER FRSTMDY)), DISPLAY: "**INTERVIEWER:** The date respondent first saw a health care provider about his or her positive serostatus should not be before the first positive test." Then, go back to HT8b.
	Else, go to Check_HT8b.1

Check_HT8b.1	If difference between first visit for HIV care date & first HIV-positive test date is LE three months ((FRSTMD_C – POS1ST_C) LE 3) or if R refused to report date of first visit for HIV care or date of first positive test result (HT8b or HT7 EQ REF), go to HT8d.
	If R did not know when first visit for HIV care occurred or date of first positive test result (HT8b or HT7 EQ DK) or if R did not know the month of first visit for HIV care or month of first positive test date (FRSTMDM is missing or POS1STM is missing), go to HT8b.1.
	If difference between first visit for HIV care date and first HIV-positive test date is GT three months (FRSTMD_C – POS1ST_C GT 3) or if difference between year of first visit for HIV care & year of first positive test is GT 1 (FRSTMDY- POS1STY GT 1), go to HT8c.
	Else, go to HT8c.

HT8b.1.
C_FRSTMD

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

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

HT8c.
LASTMD

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

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

Check_CALC_LASTMD_C.	If R did not report when they last visited a health care provider (HT8d EQ DK or REF), go to Check_HT8c.1. Else, go to CALC_LASTMD_C.

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

HardEdit_HT8c.	If R's date of last visit for HIV care after date of interview ((LASTMD_C GT IDATE_C) or (LASTMDY AFTER IDATEY)), DISPLAY: "**INTERVIEWER:** The date respondent last saw a health care provider cannot be after today's date." Then, go back to HT8c.

If R's date of last visit for HIV care before date of birth (HT8d BEFORE ES1, DISPLAY: "**INTERVIEWER:** The date of respondent's last visit cannot be before the date of birth, [fill with value for ES1, formatted as Month DD, YYYY)]." Then, go back to HT8c.

If R's date of last visit for HIV care is before date of first visit for HIV care ((LASTMD_C LT FRSTMD_C)) or (FRSTMDY AFTER LASTMDY)), DISPLAY: "**INTERVIEWER:** The date of respondent's last visit cannot be earlier than the date of the first visit." Then, go back to HT8c.

If R's date of last visit for HIV care is before date of first positive test ((LASTMD_C LT POS1ST_C) or (POS1STY AFTER LASTMDY)), DISPLAY: "**INTERVIEWER:** The date of respondent's last visit cannot be earlier than the date of the first positive test." Then, go back to HT8c.

Else, go to Check_HT8d.1.

Check_HT8c.1.	If the date of R's last visit for HIV care is more than 6 months ago (LASTMD_C LT AGO6M_C) or if difference between year of interview and year of last visit for HIV care GT 1 (IDATEY – LASTMDY GT 1), go to HT9.
	If R refused to report date of last visit for HIV care (HT8d EQ REF), go to HT9.
	If R's date of last visit for HIV care within 6 months of interview ((LASTMD_C GE AGO6M_C)), go to HT9.Else, go to HT8c.1.

HT8c.1.   **Was your last visit for HIV care in the past <u>6 months</u>?**
C_LASTMD   Last HIV care in the past 6 months - n/y

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

HIV Medications

Universe_HIVMedications.	Rs who reported having seen a health care provider for HIV care (HT8 EQ 1).

HT9.   **Are you currently taking antiretroviral medicines to treat your HIV infection?**
CURRAMED   Currently taking antiretrovirals

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

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

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

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

Check_HT10a.	If R never had a viral load test or did not respond (HT10 EQ 0, DK or REF), go to INTRO_HT11.
	Else, go to HT10a.

HT10a.   **When was your most recent viral load test? Please tell me the month and year.**

RCVLTST   Date of most recent VL

__ __ / __ __ __ __ (MM/YYYY)

Range (Year) 1900-Current

Don't Know (Year)..   9999

Refuse to Answer (Year)..   7777

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

CALC_VLTST_C.		
VLTST_C	Century month version of 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 W.]

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

HT10b.   [READ choices.]

VRLTRSLT   Result for most recent VL

Below the level of detection, undetectable...   1

Detectable but less than 5,000 viral copies/ml.................................   2

5,000 to 100,000 viral copies/ml..   3

Greater than 100,000 viral copies/ml...   4

Don't Know...   9

Refuse to Answer...   7

UNIVERSE_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...**

HT11.
PHIVDISC

[READ choices.]

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...**

HT12.
PSUPPHIV

[READ choices.]

Perceived support of rights of persons with HIV

Strongly agree.. 1

Agree... 2

Neither agree nor disagree... 3

Disagree.. 4

Strongly disagree.. 5

Don't Know.. 9

Refuse to Answer... 7

Most people in [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...**

HT13.
PERFRHIV

[READ choices.]

Perceived friendships with persons with HIV

Strongly agree.. 1

Agree... 2

Neither agree nor disagree... 3

Disagree.. 4

Strongly disagree.. 5

Don't Know.. 9

Refuse to Answer... 7

Most people in [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.
PPUNISHH

[READ choices.]

Belief people with HIV got what they deserved

Strongly agree.. 1

Agree... 2

Neither agree nor disagree... 3

Disagree.. 4

Strongly disagree.. 5

Don't Know.. 9

Refuse to Answer... 7

CALC_ENDHT.

ENDHT   Time HIV testing section ended   ENDHT = Current time

---

END_HT.   Go to Health Conditions Section (HC).

NHBS ROUND 5 QUESTIONNAIRE

HEALTH CONDITIONS (HC)

Variables from prior section(s) used in this section of the questionnaire			
__Section__	__Question #__	__Variable name__	__Variable label__
Preloaded Variables	--	AGE	QDS calculated age today
Preloaded variables	--	CYCLE	NHBS Cycle
Preloaded variables	--	IDATEM	Interview date: Month
Preloaded variables	--	IDATED	Interview date: day
Consent	CN1	CONSENTA	Consent to survey
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Non-Injection Drug Use	--	ENDND	Time non-injection drug use section ended
Injection Drug Use	--	ENDID	Time injection drug use section ended
Sexual Behavior	--	ENDSX	Time sexual behavior section ended
Alcohol Use	--	ENDAL	Time alcohol use section ended
Drug Treatment	---	ENDTX	Time drug treatment section ended
HIV Testing	--	ENDHT	Time HIV testing section ended

Universe_HC.	All eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 2) or (CYCLE EQ 3 & EL_HET EQ 3) who consent to interview (CN1 EQ 1) and completed all prior sections ((ENDSX, ENDAL, ENDID, ENDND, ENDTX, & ENDHT) are not missing).

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

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

Hepatitis C (HCV)

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

HC1. **Have you ever been tested for hepatitis C infection?**
EVRHCTST Ever tested for HCV

No.. 0

Yes... 1

Don't Know... 9

Refuse to Answer... 7

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

HC2a.
RCHCTST

In what year did you have your most recent hepatitis C test?
When most recent HCV test

_ _ _ _ 1900-Current
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 X.]

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

HC2b.
HCVTLOC

[READ choices.]
Location of last HCV test
Doctor's office, clinic, or health center.. 1
Hospital.. 2
Jail, prison, or detention center.. 3
Drug or alcohol treatment program.. 4
Needle or syringe exchange program.. 5
Other HIV/AIDS focused program.. 6
Some other place.. 7
Don't Know..99
Refuse to Answer..77

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

HC2c.
SPECHCVT

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

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

HC3.
HEPCEVER

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

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

[Give Respondent Flashcard Y.]

When were you told you had hepatitis C?

HC4a.
WHENTHC

[READ choices.]

When told had HCV

6 months ago or less.. 0

More than 6 months, but less than 1 year ago.. 1

At least 1 year but less than 5 years ago.. 2

At least 5 years but less than 10 years ago... 3

10 years ago or more.. 4

Don't Know.. 9

Refuse to Answer.. 7

HC4b.
HCVMEDS

Have you ever taken medicine to treat your hepatitis C infection?

Ever taken medicine to treat HCV

No.. 0

Yes... 1

Don't Know.. 9

Refuse to Answer.. 7

Sexually Transmitted Diseases

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

HC5a.
EVRHERP

Genital herpes?

Ever diagnosed genital herpes

No.. 0

Yes... 1

Don't Know.. 9

Refuse to Answer.. 7

HC5b.
EVRGWAR

Genital warts?

Ever diagnosed genital warts

No.. 0

Yes... 1

Don't Know.. 9

Refuse to Answer.. 7

HC6.
STDTEST

In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, **were you tested by a doctor or other health care provider for a sexually transmitted disease like gonorrhea, chlamydia, or syphilis? Do NOT include tests for HIV or hepatitis.**

Tested for STD past 12 months

No.. 0

Yes... 1

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

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

HC7.
RSTDTEST
In the past 12 months, did you have an anal or rectal STD test?
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 <u>12 months</u>, has a doctor or other health care provider told you that you had...

[READ choices. CHECK YES or NO for each one.]" |

HC8a.
GONORR
Gonorrhea?
Gonorrhea past 12 months

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

HC8b.
CHLAMYD
Chlamydia?
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.
HPVVAC
Have you ever received a vaccine against HPV, for example, GARDASIL, which prevents genital warts, anal cancer, and cervical cancer?
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 <u>first</u> 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 Z.] "READ: These next questions ask how you have been feeling during the past <u>30 days</u>, that is, since the [(if interview month is January, March, May, July, August, October, or December (IDATEM EQ 01, 03, 05, 07, 08, 10, or 12) & interview day is the 31st (IDATED EQ 31), fill with "1st of this month"); if interview month is March (IDATEM= 03) & interview day is the 29th or 30th (IDATED EQ 29 or 30), fill with "28th of February"; else, [[Fill with interview date][Fill with suffix] of last month]. Please tell me how you have been feeling using one of the options on this card."

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

HC10a.   [READ choices.]

FEELNERV   How often nervous in past 30 days

All of the time.. 0

Most of the time... 1

Some of the time.. 2

A little of the time.. 3

None of the time... 4

Don't Know.. 9

Refuse to Answer.. 7

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

HC10b.   [READ choices.]

FEELHOPE   How often hopeless in past 30 days

All of the time.. 0

Most of the time... 1

Some of the time.. 2

A little of the time.. 3

None of the time... 4

Don't Know.. 9

Refuse to Answer.. 7

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

HC10c.   [READ choices.]

FEELREST   How often restless in past 30 days

All of the time.. 0

Most of the time... 1

Some of the time.. 2
A little of the time.. 3
None of the time.. 4
Don't Know... 9
Refuse to Answer... 7

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

HC10d.
FEELSAD

[READ choices.]
How often sad/depressed in past 30 days

All of the time.. 0
Most of the time... 1
Some of the time.. 2
A little of the time.. 3
None of the time.. 4
Don't Know... 9
Refuse to Answer... 7

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

HC10e.
FEELEFRT

[READ choices.]
How often everything an effort in past 30 days

All of the time.. 0
Most of the time... 1
Some of the time.. 2
A little of the time.. 3
None of the time.. 4
Don't Know... 9
Refuse to Answer... 7

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

HC10f.
FEELDOWN

[READ choices.]
How often down in past 30 days

All of the time.. 0
Most of the time... 1
Some of the time.. 2
A little of the time.. 3
None of the time.. 4
Don't Know... 9
Refuse to Answer... 7

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

END_HC.	Go to Jail Testing Section (JT).

NHBS ROUND 5 QUESTIONNAIRE

JUSTICE SYSTEM EXPERIENCES AND TESTING (JT)

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

Universe_JT.	All eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed all prior sections ((ENDSX, ENDAL, ENDID, ENDND, ENDTX, ENDHT, & ENDHC) are not missing).

CALC_BEGJT.		
BEGJT	Time at beginning of JT section	BEGJT = Current time

INTRO_JT1.	DISPLAY: "READ: Now I will ask you about experiences you may have had with the criminal justice system.."

JT1.
EVHELD

Have you ever been held in a detention center, jail, or prison for more than 24 hours?
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.
HELD12M

During the past <u>12 months</u>, that is, since [fill with interview month, formatted as text] **of last year, have you been held in a detention center, jail, or prison for more than 24 hours?**
Held or arrested past 12 months

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

Check_JT2.	If 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

CALC_ENDJT.		
	Time HIV testing in jail section	
ENDJT	ended	ENDJT = Current time

END_JT.	Go to Prevention Activities (PA).

NHBS ROUND 5 QUESTIONNAIRE

PREVENTION ACTIVITIES (PA)

Variables from prior section(s) used in this section of the questionnaire			
Section	**Question #**	**Variable name**	**Variable label**
Preloaded Variables	--	CYCLE	NHBS Cycle
Injection Drug Use	--	LINJ12	injected in last 12 months
Injection Drug Use	ID8	STERILE	INJ Frequency used sterile needle- 12 months
Injection Drug Use	--	ENDID	Time injection drug section ended
Consent	CN1	CONSENTA	Consent to survey
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle
Eligibility Screener	--	E_INJ12	injected in last 12 months
HIV Testing in Jail	--	ENDJT	Time HIV testing in jail section ended
HIV Testing	HT2	EVERPOS	Ever test positive for HIV
HIV Testing	HT4c	RCNTRST	Result most recent HIV test
HIV Testing	--	ENDHT	Time HIV testing section ended
Non-Injection Drug Use	--	ENDND	Time non-injection drug use section ended
Injection Drug Use	--	ENDID	Time injection drug use section ended
Sexual Behavior	--	ENDSX	Time sexual behavior section ended
Alcohol Use	--	ENDAL	Time alcohol use section ended
Drug Treatment	---	ENDTX	Time drug treatment section ended
Health Conditions	--	ENDHC	Time health conditions section ended

---

Universe_PA.	All Eligible Rs (CYCLE EQ 1 & EL_MSM EQ 1) OR (CYCLE EQ 2 & EL IDU EQ 1) OR (CYCLE EQ 3 & EL_HET EQ 1) who consent to interview (CN1 EQ 1) and completed all prior sections ((ENDSX, ENDAL, ENDID, ENDND, ENDTX, ENDHT, ENDHC, & ENDJT) are not missing).

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

HIV Prevention Resources

INTRO_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 AA.]

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 BB]

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.choose more than one.

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 BB.] Which place or places on this list did you get those <u>new</u> injection supplies from? You may choose more than one option.
PA3b. KTSRCR5 KTSRCR5A KTSRCR5B KTSRCR5C KTSRCR5D KTSRCR5E KTSRCR5F	[READ CHOICES. CHECK ALL that apply.] Sources of new injection equipment, 12m 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 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 counselor about prevention past 12 months

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 past 12 months

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-<u>negative</u> can take anti-HIV medicines to reduce their risk of becoming infected." |

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

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

PA6a. | **<u>PRE</u>-exposure prophylaxis, or <u>PrEP</u> is an antiretroviral medicine, such as Truvada, taken for months or years by a person who is HIV-<u>negative</u> to reduce the risk of getting HIV. Before today, have you ever heard of people who do <u>not</u> have HIV taking PrEP?**
PRPAWR | HIV (-) heard PrEP

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 <u>12 months</u>, have you had a discussion with a health care provider about taking PrEP?**
PRPDSC | Discussed PrEP with HCP—12 months

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?**
PRPUSE | Taken PrEP- past 12 months

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?**
PRPDLY | 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] of last year, did you take PrEP for at least 2 months in a row?

PRPDL2M   Daily PrEP use- past 12 months

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] of last year? You may choose more than one option.

[READ choices. CHECK ALL that apply.]

PRPNDL   Non-daily PrEP use, 12m
PRPNDLA   Before I 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   Other non-daily PrEP use

— —

{text response; max length = 100 characters}

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

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

[Give Respondent Flashcard CC.]

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.

PA6h.   [READ choices. CHECK ALL that apply.]
PRPSRC   Source of most recent PrEP meds
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 for PrEP from some other source (PRPSRCF EQ 1), go to PA6i. Else, go to INTRO_PA7.

PA6i. **What was that other source?**

SPECPRS Other source of PrEP, 12m - 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."

PA7.
PHVIO12

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

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

PA8.
SXVIO12

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

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

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

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

NHBS ROUND 5 QUESTIONNAIRE

END OF SURVEY (END)

Variables from prior section(s) used in this section of the questionnaire			
__Section__	__Question #__	__Variable name__	__Variable label__
Prevention Activities	PA10	SVR12MO	Sexual violence by respondent, 12 mo
Preloaded Variables	--	CYCLE	NHBS Cycle
Preloaded Variables	--	LANGUAGE	Language
Eligibility Screener	ES7a	HRA	Lives in a HRA
Eligibility Screener	ES9	GENDER	Gender
Consent	CN1	CONSENTA	Consent to survey
Consent	CN2	CONSENTB	Consent to HIV testing
Interviewer Entered Information	IE10	ISEED	Respondent is a seed
Injection Drug Use	ID1	EVRINJ	Ever Injected drugs
Eligibility Screener	--	EL_MSM	Eligible: MSM cycle
Eligibility Screener	--	EL_IDU	Eligible: IDU cycle
Eligibility Screener	--	EL_HET	Eligible: HET cycle

UNIVERSE_END.	All Rs.

Check_END1.	If R NOT eligible for cycle (CYCLE EQ 1 & EL_MSM EQ 0) or (CYCLE EQ 2 & EL_IDU EQ 0) or (CYCLE EQ 3 & EL_HET EQ 0), go to INTRO_END6.
	If last question asked of all Rs EQ DK or REF (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

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

CALC_COMPLETE.		
COMPLETE	Interview complete	COMPLETE = IF(SXVIO12=0 or SXVIO12=1, 1, IF(C_CMPLT=1, 1, 0))

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

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

END3a. [INTERVIEWER: If you did <u>not</u> offer the person hepatitis testing, enter 'Not offered.']

Do you agree to hepatitis testing?

CNSTHEP2   Consent to hepatitis testing

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

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

Not offered..2...............

Check_END3b.	If MSM cycle (CYCLE EQ 1) or HET cycle & R is female & aged 25 years or younger (CYCLE EQ 3 & GENDER EQ 2 & AGE LE 25), go to END3b. If IDU cycle (CYCLE EQ 2), go to Check_END4.

END3b. [INTERVIEWER: If you did <u>not</u> offer the person STD testing, enter 'Not offered.']

Do you agree to STD testing?

CNSTSTD2   Consent to STD testing

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

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

Not offered..2...............

Check_END4.	If R consented to HIV, hepatitis, or STD testing (END2b EQ 1 or END3a EQ 1 or ENDN3b EQ 1), go to END4. Else, go to END5.

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 EQ 0 & CN3b EQ 1), fill with "**STD test**
END4.   **sample**"] **for future testing?**
CNSTSTG2   Revised Consent to Blood Storage
No... 0
Yes.. 1

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

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

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

                  — — — — — — — — —— — — — —— — — — ——
                  — — — — —— — — — —— — — — —— — — ——
                  {text response; max length = 1000 characters}

Check_CALC_RDSRecruiterVariables.	If MSM cycle (CYCLE EQ 1), go to END6. If IDU cycle (CYCLE EQ 2), go to CALC_IDU_RCTR. If HET cycle (CYCLE EQ 3), go to CALC_HETDEF.

RDS Recruiter Variables

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).
		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
IDU_RCTR	Eligible: IDU RDS Recruiter	NOT to receive coupons (IDU_RCTR= 0).

Check_CALC_HET_RCTR.	Go to Check_INTRO_END6.

CALC_HETDEF.		
		If R has less than a high school education or is in poverty (SCHOOL=0 or SCHOOL=01 or SCHOOL=02 or SCHOOL=03 or POVERTY=1) & is male or female (GENDER=1 or GENDER=2) & did not inject in the past 12 months or ever (LINJ12=0 OR EVRINJ=0) & had an opposite sex partner in the past 12 months (M_FHET=1 or F_MHET=1), R meets the HET definition (HETDEF=1).
HETDEF	Met HET definition	Else, R does not meet the HET definition (HETDEF=0)

CALC_HET_RCTR.		
HET_RCTR	Eligible: HET RDS Recruiter	If R is NOT a seed: (ISEED EQ 0): If data are valid (VALIDITY=1 OR VALIDITY=2) & complete (COMPLETE=1) and R

	met the HET definition (HETDEF=1), R selected to receive coupons (HET_RCTR=1). Else, R is not to receive coupons (HET_RCTR=0). If R IS a seed: (ISEED EQ 0): If R has never injected (EVRINJ=0) & lives in a high risk area (HRA=1) & data are valid (VALIDITY=1 OR VALIDITY=2) & complete (COMPLETE=1) and R met the HET definition (HETDEF=1), R selected to receive coupons (HET_RCTR=1). Else, R is not to receive coupons (HET_RCTR=0).

Check_INTRO_END6.	If RDS cycle & R IS eligible to recruit (CYCLE EQ 2 & IDU_RCTR EQ 1), or (CYCLE EQ 3 & HET_RCTR EQ 1), DISPLAY: "The computer SELECTED this respondent to recruit others and receive coupons." Then, go to END6. If RDS cycle & R NOT eligible to recruit (CYCLE EQ 2 & IDU_RCTR EQ 0) or (CYCLE EQ 3 & HET_RCTR EQ 0), DISPLAY: "The computer did NOT select this respondent to recruit others and receive coupons." Then, go to END6.

INTRO_END6.	DISPLAY: "READ: Thank you for answering these questions. Unfortunately, the computer has not selected you to participate in the health survey. Thank you again for your time."

Interviewer Comments

END6. INTCOMM	**INTERVIEWER: Do you have any comments to add?** Interviewer Comments No.. 0 Yes... 1

Check_END7.	If END6 EQ 1, go to END7. Else, go to CALC_END.

END7. INTTXT	**Enter interviewer comments** Interviewer comments text — {text response; max length = 1000 characters}

CALC_END. END	Interview end time	END = Current time

CALC_EDATE. EDATE	End date	EDATE = Today's date

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

Check_END8.	If MSM cycle & R not eligible (CYCLE EQ 1 & EL_MSM EQ 0), go to END9. If IDU cycle & R not eligible (CYCLE EQ 2 & EL_IDU EQ 0), go to END9. If HET cycle & R not eligible (CYCLE EQ 3 & EL_HET EQ 0), go to END9. Else, go to END8.

END8.　　　　　**INTERVIEWER: Do you want to proceed to the local survey?**
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

MONTHLY INCOME	OR	YEARLY INCOME
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

- At least once a day

- At least once a week but not every day

- At least once a month but not every week

- Less than once a month

- Never

FLASHCARD 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

- More than once a day

- Once a day

- More than once a week

- Once a week or less

- Never

FLASHCARD S

Syringe with a needle that <u>can be removed</u>

FLASHCARD T

- 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 U

- Never

- Rarely

- About half the time

- Most of the time

- Always

FLASHCARD V

- 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 W

- 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 X

- 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 program

- Some other place

FLASHCARD Y

- 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 Z

- All of the time

- Most of the time

- Some of the time

- A little of the time

- None of the time

FLASHCARD AA

- 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 BB

- HIV/AIDS-focused community-based organization

- Needle or syringe exchange program

- Someone who got needles from needle exchange

- Doctor's office, clinic, or hospital

- Pharmacy or drug store

- Some other place

FLASHCARD CC

- 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						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

March						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
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27	28	29	30	31		

April						
Su	Mo	Tu	We	Th	Fr	Sa
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24	25	26	27	28	29	30

May						
Su	Mo	Tu	We	Th	Fr	Sa
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29	30	31				

June						
Su	Mo	Tu	We	Th	Fr	Sa
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26	27	28	29	30		

July						
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24	25	26	27	28	29	30
31						

August						
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28	29	30	31			

September						
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25	26	27	28	29	30	

October						
Su	Mo	Tu	We	Th	Fr	Sa
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23	24	25	26	27	28	29
30	31					

November						
Su	Mo	Tu	We	Th	Fr	Sa
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13	14	15	16	17	18	19
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27	28	29	30			

December						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
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2017

January						
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29	30	31				

February						
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March						
Su	Mo	Tu	We	Th	Fr	Sa
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26	27	28	29	30	31	

April						
Su	Mo	Tu	We	Th	Fr	Sa
						1
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23	24	25	26	27	28	29
30						

May						
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21	22	23	24	25	26	27
28	29	30	31			

June						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August						
Su	Mo	Tu	We	Th	Fr	Sa
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6	7	8	9	10	11	12
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20	21	22	23	24	25	26
27	28	29	30	31		

September						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
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17	18	19	20	21	22	23
24	25	26	27	28	29	30

October						
Su	Mo	Tu	We	Th	Fr	Sa
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22	23	24	25	26	27	28
29	30	31				

November						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

2018 CALENDAR

2017

January
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31

February
Su Mo Tu We Th Fr Sa
1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28

March
Su Mo Tu We Th Fr Sa
1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31

April
Su Mo Tu We Th Fr Sa
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30

May
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

June
Su Mo Tu We Th Fr Sa
1 2 3
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11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30

July
Su Mo Tu We Th Fr Sa
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9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31

August
Su Mo Tu We Th Fr Sa
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31

September
Su Mo Tu We Th Fr Sa
1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30

October
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31

November
Su Mo Tu We Th Fr Sa
1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30

December
Su Mo Tu We Th Fr Sa
1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31

2018

January
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

February
Su Mo Tu We Th Fr Sa
1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28

March
Su Mo Tu We Th Fr Sa
1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31

April
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30

May
Su Mo Tu We Th Fr Sa
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31

June
Su Mo Tu We Th Fr Sa
1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30

July
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31

August
Su Mo Tu We Th Fr Sa
1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31

September
Su Mo Tu We Th Fr Sa
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30

October
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

November
Su Mo Tu We Th Fr Sa
1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30

December
Su Mo Tu We Th Fr Sa
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31

2019 CALENDAR

2018

January						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

March						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

April						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

May						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

June						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

July						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

August						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

September						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

October						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

November						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

December						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

2019

January						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

March						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

April						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

May						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

June						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

July						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				