

OMB No: 0920-0770  
OMB Exp. Date: X/XX/XXXX

## **Behavioral Assessment HET (English)**

Form Approved:  
OMB No. 0920-0770  
Expiration Date: XX/XX/XXXX

### **National HIV Behavioral Surveillance System: Core Questionnaire**

#### **HET Cycle OMB Statement**

Public reporting burden of this collection of information is estimated to average 31 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: CDC, Project Clearance Officer, 1600 Clifton Road, MS D-74, Atlanta, GA 30333, ATTN: PRA (0920-0770). Do not send the completed form to this address.

## NHBS Round 6 CAPI REFERENCE QUESTIONNAIRE (CRQ)

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**Overview**

**Questionnaire Sections & Abbreviations**

| Order in | CAPI | Abbreviation | Domain   | Other topics included                    |
|----------|------|--------------|--|--|
|          | 00   | Overview     | Overview   |  |
|          | 0    | CalcVars     | Pre-set & calculated variables                     |  |
|          | 1    | IE           | Interviewer-entered information                    |  |
|          | 2    | ES           | Eligibility screener                               |  |
|          | 3    | CN           | Consent  |  |
|          | 4    | CI           | OMB Statement & Core Introductory Statement        |  |
|          | 5    | NS           | Network size (RDS cycles only)                     |  |
|          | 6    | DM           | Demographics                                       | General health care access & utilization |
|          | 7    | SO           | Social experiences (MSM cycle only)                |  |
|          | 8    | SX           | Sexual behavior                                    |  |
|          | 9    | AL           | Alcohol use  |  |
|          | 10   | ID           | Injection drug use                                 |  |
|          | 11   | ND           | Non-injection drug use                             |  |
|          | 12   | TX           | Drug overdose and drug treatment                   |  |
|          | 13   | HT           | HIV testing & care                                 |  |
|          | 14   | HC           | Health conditions (STIs, hepatitis, mental health) |  |
|          | 15   | PA           | Prevention activities                              |  |
|          | 16   | JT           | Justice system experiences                         |  |
|          | 17   | VE           | Violence   |  |

**Abbreviations**

|      |                                      |
|------|--------------------------------------|
| CAPI | Computer-Assisted Personal Interview |
| CRQ  | CAPI Reference Questionnaire         |
| R    | Respondent                           |
| P    | Partner                              |

|         |  |
|---------|--|
| DK      | Don't know   |
| REF     | Refused to answer  |
| NA      | Not applicable (question asked of R but this is a codable response option) |
| EQ      | Equal to   |
| GT      | Greater than   |
| GE      | Greater than or equal to   |
| LE      | Less than or equal to  |
| LT      | Less than  |
| NE      | Not equal to   |
| VS, UVS | Vaginal sex, unprotected vaginal sex (i.e., without a condom)              |
| AS, UAS | Anal sex, unprotected anal sex (i.e., without a condom)                    |
| IAS     | Insertive anal sex   |
| RAS     | Receptive anal sex   |

**Key Terms**

| <b>Term</b>         | <b>Prefix / format</b> | <b>Definition</b>   |
|---------------------|------------------------|---|
| Calculated variable | CALC_                  | Item identifier (not prefix for variable name) for variables calculated by the CAPI program that appear in the CRQ.   |
| Century Month       | _C                     | A century month is an integer value that represents the number of months since January 1900. These calculations are used to compare dates and facilitate routing where respondents are asked to only provide the month and year in which an event took place. These types of questions occur in every date item within the CRQ, with the exception of DOB (E51). As an example, January 2014 is represented by the integer 1369. The higher the integer, the closer the event is to the current date, and the lower the integer, the farther it is in the past. |
| Message             | <b>INTERVIEWER:</b>    | Message displayed to the interviewer that is <u>not</u> to be read to R. May be triggered by an edit check. Distinct from Interviewer Instruction.  |

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

**NHBS ROUND 6 QUESTIONNAIRE**

**PRE-SET AND CALCULATED VARIABLES**

**Variables with pre-set values**

|                 |   |
|-----------------|---|
| <b>ROUND</b>    | NHBS Round<br>ROUND = "NHBS Round 6"  |
| <b>CYCLE</b>    | NHBS Cycle<br>CYCLE = 1 (MSM) If MSM cycle<br>CYCLE = 2 (IDU) If IDU cycle<br>CYCLE = 3 (HET) If HET cycle  |
| <b>LANGUAGE</b> | Language<br>LANGUAGE = 1 IF ENGLISH<br>LANGUAGE = 2 IF SPANISH  |
| <b>VERSION</b>  | Questionnaire Version<br>If CYCLE=1 & LANGUAGE=1, VERSION='NHBS-MSM6 - ENGLISH, V1, [BUILD DATE]'<br>If CYCLE=1 & LANGUAGE=2, VERSION = 'NHBS-MSM6 - SPANISH, V1, [BUILD DATE]'<br>If CYCLE=2 & LANGUAGE=1, VERSION='NHBS-IDU6 - ENGLISH, V1, [BUILD DATE]'<br>If CYCLE=2 & LANGUAGE=2, VERSION = 'NHBS-IDU6 - SPANISH, V1, [BUILD DATE]'<br>If CYCLE=3 & LANGUAGE=1, VERSION='NHBS-HET6 - ENGLISH, V1, [BUILD DATE]'<br>If CYCLE=3 & LANGUAGE=2, VERSION = 'NHBS-HET6 - SPANISH, V1, [BUILD DATE]' |
| <b>IDATE</b>    | Interview date<br>IDATE = Today's date {system date on device}  |
| <b>IDATEMN</b>  | Interview date: Numeric month<br>IDATEMN = if(idatem="01", 01, if(idatem="02", 02, if(idatem="03", 03, if(idatem="04", 04, if(idatem="05", 05, if(idatem="06", 06, if(idatem="07", 07, if(idatem="08", 08, if(idatem="09", 09, if(idatem="10", 10, if(idatem="11", 11, if(idatem="12", 12, 0))))))))))  |
| <b>IDATEY</b>   | Interview date: Year<br>IDATEY = If(P_IYEAR="2020", 2020, If(P_IYEAR="2021", 2021, If(P_IYEAR="2022", 2022, 0)))  |
| <b>START</b>    | Start Time<br>START = Current time {system time on device}  |
| <b>DATETIME</b> | Date and time identifier<br>DATETIME= CONCAT(IDATE, START)  |
| <b>DATAFILE</b> | Data file name<br>DATAFILE = Data file name   |
| <b>QYR</b>      | Current Questionnaire Year<br>QYR = if ((CYCLE=1), 2020, if ((CYCLE=2), 2021, if ((CYCLE=3), 2022, 0)))   |

**MSM6\_IMP** MSM6 data collection start date  
MSM6\_IMP = June 1, 2020

**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 6 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).

**CI1\_OMB.** DISPLAY: Public reporting burden of this collection of information is estimated to average [if MSM cycle (CYCLE=1), fill with "24"; if IDU cycle (CYCLE EQ 2), fill with "43"; if HET cycle (CYCLE EQ 3), fill with "31" (CI1OMB\_F)] minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: CDC, Project Clearance Officer, 1600 Clifton Road, MS D-74, Atlanta, GA 30333, ATTN: PRA (0920-0770). Do not send the completed form to this address.

**CALC\_START\_C.**

START\_C Interview start time START\_C = Current time

On one screen, DISPLAY: "GET READY TO BEGIN THE SURVEY."

On the next screen, DISPLAY:  
 "READ: Most people have never been in an interview like this one, so I'm going to describe how it works before we start. I will read you questions exactly as they are written. Some may sound awkward, but I need to read them as worded so everyone in the study is asked the same questions. Some questions will ask you to recall if you did something, when you did it, or how often you did it. For others, I'll read or show you a list of responses to choose from. Please be as accurate as you can."  
 Then, go to END\_CI.

**INTRO\_CORE.**

**END\_CI.** Go to Network Section (NS).



NHBS ROUND 6 QUESTIONNAIRE

NETWORK SECTION (NS)

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

**UNIVERSE\_NS.** IDU or HET cycle eligible Rs (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1).

**CALC\_BEGNS.**

**BEGNS** Time at beginning of network section  
 BEGNS = Current time

**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\_IREL>1), then DISPLAY:  
                                   "**INTERVIEWER:** Respondent cannot choose stranger along with some other relationship type. Clarify  
                                   respondent's relationship with their recruiter." Then, go back to NS1.  
                                   Else, go to Check\_NS1CONF.

**Check\_NS1CONF.**        If recruiter was a stranger (NS\_IRELF EQ 1), go to NS1CONF.  
                                   If recruiter was not a stranger (NS\_IRELF NE 1), go to INTRO\_NS2a.1.

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

**NS1CONF.**            [**INTERVIEWER:** If the respondent indicates that he first saw the recruiter in a situation related to the project (e.g. receiving their coupon, waiting outside of the storefront, etc.), then check "Recruiter is a stranger".]

NS\_RSTRI            Confirmation: recruiter is a stranger

Recruiter is a stranger.....1.....

Recruiter is NOT a stranger.....2.....

**Check\_INTRO\_NS2a.1.**    If R does not confirm that his recruiter was a stranger (NS1CONF EQ 2), go back to NS1.  
                                   If R confirms that his recruiter was a stranger (NS1CONF EQ 1), go to INTRO\_NS2a.1.

**IDU Network Size: First Loop**

**INTRO\_NS2a.1.**    DISPLAY: "READ: Now, I'm going to ask you about people you know. Specifically, I'm going to ask you how many people you know in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] who inject and whom you have seen in the past 30 days. I will not ask you questions about any specific person."

**NS2a.1.**            **Please tell me how many men in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] **you know who inject and whom you have seen in the past 30 days.** [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are male."]

NS\_IDUMA            # male IDUs known: net size

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

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

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

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

**NS2b.1.**

NS\_IDUFE # female IDUs known: net size

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

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

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

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

**CALC\_NSC\_IDUM.**

NSC\_IDUM # male IDUs known: calculated  
net size NSC\_IDUM = if(NS\_IDUMA=.DK OR NS\_IDUMA=.REF,0,NS\_IDUMA)

**CALC\_NSC\_IDUF.**

NSC\_IDUF # female IDUs known:  
calculated net size NSC\_IDUF = if(NS\_IDUFE=.DK OR NS\_IDUFE=.REF,0,NS\_IDUFE)

**CALC\_NSC\_IDUS.**

NSC\_IDUS # IDUs known: calculated net  
size NSC\_IDUS = NSC\_IDUM+NSC\_IDUF

**Check\_NS2CONFa.** If NSC\_IDUS EQ 0, go to NS2CONFa.  
If NSC\_IDUS EQ 1, 2, or 3, go to NS2CONFb.  
If NSC\_IDUS GT 3, go to NS2CONFc.

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

**NS2CONFa.**

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**

**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."]

**NS2a.2.**

NS\_IDUM2

# male IDUs known: net size, 2nd loop

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

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

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

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

**NS2b.2.**

NS\_IDUF2

# female IDUs known: net size , 2nd loop

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

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

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

**Check\_CALC\_NSC\_IDUM2.** If (NS2a.2 EQ DK or REF) & (NS2b.2 EQ DK or REF), go to CALC\_ENDNS.  
Else, go to CALC\_NSC\_IDUM2.

**CALC\_NSC\_IDUM2.**

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

**CALC\_NSC\_IDUF2.**

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

**CALC\_NSC\_IDUS2.**

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

**NS2c.2.** **So in the past 30 days, you've seen** [fill with NSC\_IDUS] **people who you know inject and who live in** [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\_CHK2 Confirmation: NSC\_IDUS correct, 2nd loop

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

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

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

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

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

|                  |                   |
|------------------|-------------------|
| Check_INTRO_NS3. | Go to CALC_ENDNS. |
|------------------|-------------------|

**HET Network Series (INTRO\_NS3- NS4c.2)**

**HET Recruiter Relationship**

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

[Give Respondent Flashcard D.]

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

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

NS\_HREL Relationship to Recruiter, HET

NS\_HRELA A relative or family member

NS\_HRELB A person you have sex with

NS\_HRELC A friend

NS\_HRELD An acquaintance, that is, a person you know but do not consider a friend

NS\_HRELE A stranger, you don't know the person or just met them

Refuse to Answer..... 7

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

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

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

**NS3CONF.** [INTERVIEWER: If the respondent indicates that he first saw the recruiter in a situation related to the project (e.g. receiving their coupon, waiting outside of the storefront, etc.), then check "Recruiter is a stranger".]

**NS\_RSTRH** Confirmation: recruiter is a stranger

Recruiter is a stranger.....1.....

Recruiter is NOT a stranger.....2.....

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

**HET Network Size: First Loop**

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

**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.

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

NS4CONFa.

NS\_HZERO

Confirmation: NSC\_HETS = 0

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

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



|                        |   |
|------------------------|---|
| <b>Check_NS4CONFb.</b> | If R does not know others (NS4CONFa EQ 1), go to CALC_ENDNS.<br>If R does know others (NS4CONFa EQ 0), DISPLAY: "INTERVIEWER: Please re-enter the correct network size."<br>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.....

|                        |  |
|------------------------|--|
| <b>Check_NS4CONFc.</b> | If R does not know others (NS4CONFb EQ 0), go to CALC_ENDNS.<br>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.....

|                      |  |
|----------------------|--|
| <b>Check_NS4a.2.</b> | If R knows fewer or more people (NS4CONFc EQ 1 or 2), go to NS4a.2.<br>Else, go to CALC_ENDNS. |
|----------------------|--|

**HET Network Size: Second Loop**

**NS4a.2.** **Please tell me how many male friends, relatives or people you associate with have you seen in the past 30 days, who are at least 18 years old, and live in** [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]. [If R is not a seed (IE10 EQ 0), fill with "Please include the person who

gave you the coupon if they are male."]

NS\_HETM2

# males known: net size, 2nd loop

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

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

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

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

NS4b.2.

NS\_HETF2

# females known: net size, 2nd loop

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

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

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

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

**CALC\_NSC\_HETM2.**

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

**CALC\_NSC\_HETF2.**

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

**CALC\_NSC\_HETS2.**

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

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

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

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

**CALC\_ENDNS.**

**ENDNS**            Time network section ended            ENDNS = Current time

**END\_NS.**                            Go to Demographic Section (DM).

NHBS ROUND 6 QUESTIONNAIRE

DEMOGRAPHICS (DM)

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

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

**CALC\_BEGDM.**

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

Residence

**INTRO\_DM1.** If MSM cycle (CYCLE EQ 1), DISPLAY: "READ: I'd like to start by asking you some questions about where you live. Please remember your answers will be kept private."  
 If IDU or HET cycle (CYCLE EQ 2 or 3), DISPLAY: "READ: Next, I'd like to ask you some questions about where you live. Please remember your answers will be kept private."

**DM1.** In the past **12 months**, that is, since [fill with interview month, formatted as text] of last year, have you been homeless at any time? By homeless, I mean you were living on the street, in a shelter, in a Single Room Occupancy hotel (SRO), or in a car.

**EVRHOMLS** Homeless during past 12 months

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

|                    |   |
|--------------------|---|
| <b>Check_DM1a.</b> | If R homeless in last 12 months (DM1 EQ 1), go to DM1a.<br>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.....

**DM2. What zip code do you live in?**

ZIP

Zip code

\_\_\_\_\_

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

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

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

|                      |   |
|----------------------|---|
| <b>HardEdit_DM2.</b> | 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.<br>Else, go to DM3. |
|----------------------|---|

**Nativity**

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

COUNTRY

[DO NOT read choices.]

Country of birth

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

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

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

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

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

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

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

|                       |  |
|-----------------------|--|
| <b>Check_DM3spec.</b> | If R born in 'other' country (DM3 EQ 5), go to DM3spec.<br>Else, go to Check_DM3a. |
|-----------------------|--|

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

SPECBORN Specify country of birth

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

|                    |  |
|--------------------|--|
| <b>Check_DM3a.</b> | 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.<br>Else, go to Check_DM3b1. |
|--------------------|--|

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

YEARUSA Year first came to US

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

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

**Language**

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

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

SPKOTLN Speak language other than English at home

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

**Marital status**

**Check\_DM4.** If IDU or HET cycle (CYCLE EQ 2 or 3), go to DM4.  
Else, go to DM5.

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

[READ choices.]

MSTAT Marital status

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

**Check\_DM4a.** If current marital status is cohabitation (DM4 EQ 2), go to DM4a.  
Else, go to DM5.

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

MSTAT\_M Formal marital status

- Separated.....1.....
- Divorced.....2.....

|                       |        |
|-----------------------|--------|
| Widowed.....          | 3..... |
| Never married.....    | 4..... |
| Don't Know.....       | 9..... |
| Refuse to Answer..... | 7..... |

**Socioeconomic Status**

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

[DO NOT read choices.]

SCHOOL

Education

|  |        |
|--|--------|
| Never attended school.....                                 | 0..... |
| Grades 1 through 8.....                                    | 1..... |
| Grades 9 through 11.....                                   | 2..... |
| Grade 12 or GED.....                                       | 3..... |
| Some college, Associate's Degree, or Technical Degree..... | 4..... |
| Bachelor's Degree.....                                     | 5..... |
| Any post graduate studies.....                             | 6..... |
| Don't Know.....  | 9..... |
| Refuse to Answer.....                                      | 7..... |

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

[READ choices.]

EMPSTAT

Employment status

|  |        |
|--|--------|
| Employed full-time.....                | 1..... |
| Employed part-time.....                | 2..... |
| A homemaker.....                       | 3..... |
| A full-time student.....               | 4..... |
| Retired.....                           | 5..... |
| Unable to work for health reasons..... | 6..... |



|                       |         |
|-----------------------|---------|
| Unemployed.....       | 7.....  |
| Other.....            | 8.....  |
| Don't Know.....       | 99..... |
| Refuse to Answer..... | 77..... |

**INTRO\_DM7.** If R currently homeless (DM1a EQ 1), DISPLAY: "READ: Next I'd like to ask you some questions about your income. By "income," I mean the total amount of money you earn or receive. This includes money other people share with you."  
 Else, DISPLAY: "READ: Next I'd like to ask you some questions about your household income. By "household income," I mean the total amount of money earned and shared by all people living in your household."

**DM7.** **What was your** [if R currently homeless (DM1a EQ 1), fill with "income", else, fill with "household income"] **in** [fill with year before interview, formatted as text] **from all sources before taxes? Please take a look at this card and tell me the letter that best corresponds to your monthly or yearly income.**

[Give Respondent Flashcard E.]

[DO NOT read choices.]

HHINCR6

Household Income

|   |         |
|---|---------|
| A - 0 to \$416 (M) 0 to \$4,999 (Y).....                | 0.....  |
| B - \$417 to \$833 (M) \$5,000 to \$9,999 (Y).....      | 1.....  |
| C - \$834 to \$1041 (M) \$10,000 to \$12,499 (Y).....   | 2.....  |
| D - \$1042 to \$1249 (M) \$12,500 to \$14,999 (Y).....  | 3.....  |
| E - \$1250 to \$1666 (M) \$15,000 to \$19,999 (Y).....  | 4.....  |
| F - \$1667 to \$2083 (M) \$20,000 to \$24,999 (Y).....  | 5.....  |
| G - \$2084 to \$2499 (M) \$25,000 to \$29,999 (Y).....  | 6.....  |
| H - \$2500 to \$2916 (M) \$30,000 to \$34,999 (Y).....  | 7.....  |
| I - \$2917 to \$3333 (M) \$35,000 to \$39,999 (Y) ..... | 8.....  |
| J - \$3334 to \$4166 (M) \$40,000 to \$49,999 (Y) ..... | 9.....  |
| K - \$4167 to \$4999 (M) \$50,000 to \$59,999 (Y) ..... | 10..... |
| L - \$5000 to \$6249 (M) \$60,000 to \$74,999 (Y).....  | 11..... |
| M - \$6250 to \$8332 (M) \$75,000 to \$99,999 (Y) ..... | 12..... |
| N - \$8333 or more (M) \$100,000 or more (Y) .....      | 13..... |

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

**Check\_DM7a.** If R reported income (DM7 GE 0 & LE 12), go to DM7a.  
 Else, go to INTRO\_DM8.

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

[INTERVIEWER: Must be at least 1.]

DEPENDR6 Number of dependents

— —

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

**Health Care Access & Utilization**

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

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

CURRHLTH Currently insured

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

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

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

[Give Respondent Flashcard F.]

[READ choices. CHECK ALL that apply.]

- TYP\_INS Type of health insurance
  - TYP\_INSA A private health plan - through an employer or purchased directly
  - TYP\_INSB Medicaid - for people with low incomes
  - TYP\_INSC Medicare - for the elderly and people with disabilities
  - TYP\_INSD Some other government plan
  - TYP\_INSE TRICARE / CHAMPUS
  - TYP\_INSF Veterans Administration coverage
  - TYP\_INSG Some other health insurance
- Don't Know.....99.....
- Refuse to Answer.....77.....

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

**DM8aspec. INTERVIEWER: Specify other health insurance or coverage:**

SPECINS Specify other health insurance

-----

{text response; max length = 100 characters}

**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.....

|                     |  |
|---------------------|--|
| <b>Check_DM8b1.</b> | If R has no usual source of care (DM8b EQ 0), go to DM8b.1.<br>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.....

|                    |   |
|--------------------|---|
| <b>Check_DM8c.</b> | If R has usual or more than 1 source of care (DM8b EQ 1 or DM8b.1 EQ 2), go to DM8c.<br>Else, go to DM8d. |
|--------------------|---|

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

SRCLOC

Location of usual care

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

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

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

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

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

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

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

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

VSITMD12

Health care visit, 12 months

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

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

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

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

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

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

RECCHIV

Provider offered HIV test, 12 months

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

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

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

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

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

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

[READ choices.]

WHNLHCP

When last visited health care provider

More than 1 year ago but less than 2 years ago.....1.....

2 to 5 years ago.....2.....

More than 5 years ago.....3.....

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

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

**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**

|                   |  |
|-------------------|--|
| <b>INTRO_DM9a</b> | DISPLAY: "The next questions are about your overall health." |
|-------------------|--|

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

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

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

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

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

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

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

**Sexual identity**

**DM10. Do you consider yourself to be:**

[READ choices.]

IDENTITY

Sexual identity

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

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

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

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

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

**CALC\_ENDDM.**

**ENDDM**

Time demographics section  
ended

ENDDM = Current time

**END\_DM.**

Go to Social Experiences Section (SO).

NHBS ROUND 6 QUESTIONNAIRE

SOCIAL EXPERIENCES (SO)

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

**Universe\_SO.** All Rs in MSM cycle (CYCLE EQ 1) who are eligible for & consent to interview (EL\_MSM EQ 1 & CONSENTA EQ 1).

**CALC\_BEGSO.**

**BEGSO** Time at beginning of SO section BEGSO = Current time

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

Identity disclosure

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

OUT\_YN Disclosed sexuality - Anyone

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

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

Identity disclosure index

**INTRO\_SO2a.** DISPLAY: "READ: I'm going to read you a list of people you may have told. Please tell me whether you have told anyone in each group of people. Have you told any..."



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

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

OUT\_FRI Disclosed sexuality - Non-GLB friends

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

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

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

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

**SO2b. Family members?**

OUT\_FAM Disclosed sexuality - Family members

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

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

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

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

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

**SO2c. Women you have sex with?**

OUT\_FEM Disclosed sexuality - Women R has sex with

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

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

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

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

**SO2d. Health care providers?**

OUT\_HCP Disclosed sexuality - HCP

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

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

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

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

**MSM Discrimination**

**INTRO\_SO3a.**      DISPLAY: "READ: The next questions are about things that may have happened to you in the past 12 months, that is, since [fill with interview month, formatted as text] of last year.

In the past 12 months..."

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

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

DISC\_VER            Discrimination - Verbal

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

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

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

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

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

DISC\_SVC            Discrimination - Poor service

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

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

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

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

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

DISC\_WRK            Discrimination - Work/school

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

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

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

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

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

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

DISC\_HC Discrimination - Health care

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

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

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

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

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

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

DISC\_ATT Discrimination - Phys assault

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

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

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

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

**Perceived community tolerance**

**INTRO\_SO4.** DISPLAY: "[Give Respondent Flashcard G.]  
  
READ: Next, I'm going to read you a statement. Please tell me how strongly you agree or disagree with it, using one of the options on this card."

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

**SO4.** [READ choices.]

TOLRNC Comm. tolerance of gays and bisexuals

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

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

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

**CALC\_ENDSO.**

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

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

NHBS ROUND 6 QUESTIONNAIRE

SEXUAL BEHAVIOR (SX)

| Variables from prior section(s) used in this section of the questionnaire |                   |                      |   |
|---|-------------------|----------------------|---|
| <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 are eligible for cycle (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) & consent to interview (CN1 EQ 1).

**CALC\_BEGSX.**

**BEGSX** Time at beginning of SX section  
 BEGSX = Current time

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

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

**Check\_M\_FSeries.** If MSM cycle (CYCLE EQ 1) & R did not report male-female sex ever (ES9a NE 1), go to CALC\_M\_FHET.  
 If R is female (ES9 EQ 2), go to F\_MSeries.  
 Else, go to INTRO\_M\_FSeries.

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

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

**INTRO\_M\_FSeries** On one screen, DISPLAY: "READ: Next, I'm going to ask you some questions about having sex. Please remember your answers will be kept private."  
 .  
 [Give Respondent Flashcard I.]  
 On next screen, DISPLAY: "READ: For these questions, "having sex" means oral, vaginal, or anal sex. Oral sex means mouth on the vagina or penis; vaginal sex means penis in the vagina; and anal sex means penis in the anus or butt. I need to ask you all the questions, even if some may not apply to your situation."

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

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

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

M\_FEVER M\_F sex y/n

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

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

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

M\_FDEBUT M\_F Age at sexual debut

— —  
 Range.....0:70  
 Don't Know.....99  
 Refuse to Answer.....77

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

go back to SX2.  
Else, go to SX3.

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

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

M\_FSX12

M\_F Number of partners in last 12 months

— — — —

Range.....Q-7000

Don't Know.....9999

Refuse to Answer.....7777

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

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

C\_M\_F

M\_F Conf. had sex in past year - HET

No - HAS had female partner..... 0

Yes - Has NOT had female partner..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

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

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

One Partner (.o)

**INTRO\_SX4.** On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual

partner.

[Give Respondent Flashcard J.]"

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

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

M\_F1SX

M\_F Type of partner - single

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

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

.

Multiple Partners (.m)

**INTRO\_SX5a.** On one screen, DISPLAY: "READ: Now I'm going to ask you to describe these sex partners as either main or casual partners. [Give Respondent Flashcard J.]"

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

**SX5a. Of the [fill with total female partners (SX3)] women you've had oral, vaginal or anal sex with in the past 12 months, how many of them were main partners?**

M\_FMSX

M\_FM Number of main partners - 12 months

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

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

Else, go to Check\_SX5b.



|                    |   |
|--------------------|---|
| <b>Check_SX5b.</b> | If # main partners EQ total female partners (SX5a EQ SX3), go to Check_INTRO_SX6a.o.<br>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

|                       |   |
|-----------------------|---|
| <b>HardEdit_SX5b.</b> | If # casual partners GT total female partners (SX5b GT SX3), DISPLAY: " <b>INTERVIEWER:</b> 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.<br>If # main & casual partners NE total female partners ((SX3 GT 1) & ((SX5a NE DK or REF) & (SX5b NE DK or REF)) & (SX5a + SX5b NE SX3)), DISPLAY: " <b>INTERVIEWER:</b> 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.<br>Else, go to Check_INTRO_SX6a.o. |
|-----------------------|---|

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

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

VS - One Main Partner

|                      |  |
|----------------------|--|
| <b>INTRO_SX6a.o.</b> | 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

|                            |                     |
|----------------------------|---------------------|
| <b>Check_INTRO_SX6a.m.</b> | Go to Check_SX6b.o. |
|----------------------------|---------------------|

[Empty rectangular box]

VS - Multiple Main Partners

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

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

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

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

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

UVS - One Main VS Partner

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

M\_FM1UVS M\_FM UVS partners - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

[Empty rectangular box]

UVS - Multiple Main VS Partners

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

M\_FMUVS M\_FM UVS partners - 12 months - number

\_\_\_\_\_

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

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

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

AS - One Main Partner

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

M\_FM1AS M\_FM AS partners - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**Check\_SX6c.m.** Go to Check\_SX6d.o.

AS - Multiple Main Partners

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

M\_FM AS partners - 12 months - number

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

**HardEdit\_SX6c.m.** If # main AS partners GT # main partners (SX6c.m. GT SX5a), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of female main partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX6c.m. Else, go to Check\_SX6d.o.

**Check\_SX6d.o.** If 1 main AS partner ((SX6c.o EQ 1) or (SX6c.m EQ 1)), go to SX6d.o.  
If GT 1 main AS partner (SX6c.m GT 1), go to SX6d.m.  
If no main AS partners ((SX6c.o EQ 0, DK, or REF) OR (SX6c.m EQ 0, DK, or REF), go to Check\_INTRO\_SX7a.o.

UAS - One Main AS Partner

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

M\_FM1UAS M\_FM UAS partners - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**Check\_SX6d.m.** Go to Check\_INTRO\_SX7a.o.

UAS - Multiple Main AS Partners

**SX6d.m.** In the past 12 months, with how many of these [fill with # main AS partners (SX6c.m)] women did you have anal sex

without using a condom?

M\_FMUAS M\_FM UAS partners - 12 months - number

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

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

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

VS - One Casual Partner

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

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

M\_FO1VS M\_FC VS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

VS - Multiple Casual Partners

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

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

M\_FOVS M\_FC VS partners - 12 months - number

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

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

UVS - One Casual VS Partner

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

M\_FO1UVS M\_FC UVS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

UVS - Multiple VS Casual Partners

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

UAS - One Casual AS Partner

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

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

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

UAS - Multiple AS Casual Partners

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

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



-----

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

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

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

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

EX - One Casual Partner

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

M\_FO1EG M\_FC Single exchange - gave

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

EX - Multiple Casual Partners

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

M\_FOMEG M\_FC Multiple exchange gave

-----

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

**HardEdit\_SX7e.m.** If # exchange partners GT # casual partners (SX7e.m. GT SX5b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of female casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX7e.m.  
 Else, go to CALC\_M\_FHET.

**CALC\_M\_FHET.**

M\_FHET                      M\_F HET sex (Y/N)                      M\_FHET = IF ((M\_FSX12=DK or M\_FSX12=REF), 9, IF ((M\_FSX12=0), 0, IF((M\_FSX12=1),1, if ((M\_FSX12>1),1,0))))

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

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

**M\_MSeries: Male Rs - Male Sex Partners (INTRO\_M\_MSeries -SX16b)**

**INTRO\_SX9.**      On one screen, DISPLAY: "READ: Now I'm going to ask you some questions about having sex with other men. I need to ask you these questions even if some don't apply to you. Please remember your answers will be kept private."  
  
 [Give Respondent Flashcard K.]  
  
 On next screen, DISPLAY: "READ: For these questions, "having sex" means oral or anal sex. Oral sex means he put his mouth on your penis or you put your mouth on his penis. Anal sex means you put your penis in his anus or butt or he put his penis in your anus or butt."

**M\_M: Sex with male Ps, lifetime**

**Check\_SX9.**      If IDU or HET cycle, (CYCLE EQ 2 or 3), go to SX9..  
 Else, go to SX10.

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

M\_MEVER      M\_M Sex with men - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**Check\_SX10.**      If R reports sex with a man (SX9 EQ 1), go to SX10.  
 Else, go to CALC\_BEGLP.

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

M\_MDEBUT      M\_M Age at first MSM encounter

— —

Range.....0-70

Don't Know.....99

Refuse to Answer.....77

**HardEdit\_SX10.**      If age of first sex greater than current age (SX10 GT AGE), DISPLAY: "**INTERVIEWER:** The age of first sex cannot be greater than respondent's current age ([fill with R's age (AGE)]). Please clarify and re-enter response." Then go back to SX10.  
 Else, go to SX11.

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

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

M\_MSX12      M\_M Number of male partners - 12 months

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....777

**Check\_SX11a.** If R does not report # male partners (SX11 EQ DK, or REF), go to CALC\_BEGLP.  
 If zero male partners (SX11 EQ 0), go to SX11a.  
 If 1 male partner (SX11 EQ 1), go to INTRO\_SX12.  
 If multiple male partners (SX11 GT 1), go to INTRO\_SX13a.

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

M\_MLOA M\_M last oral/anal

— —

Range.....1-99

Don't Know.....999

Refuse to Answer.....777

**HardEdit\_SX11a.** If years since last male-male sex GT current age (SX11a GT AGE), DISPLAY: "**INTERVIEWER:** The number of years since last sex with a man cannot be greater than respondent's current age, ((fill with R's age (AGE))). Please clarify and re-enter response." Then, go back to SX11a.  
 Else, go to CALC\_BEGLP.

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

**M M: Total Main & Casual Ps. 12m**

One Partner (.o)

**INTRO\_SX12.** On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual partner.  
  
 [Give Respondent Flashcard L.]"

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

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

M\_M1SX M\_M Type of partner - single

Main partner..... 1

Casual partner..... 2

Don't Know..... 9

Refuse to Answer..... 7

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

Multiple Partners (.m)

**INTRO\_SX13a.** On one screen, DISPLAY: "READ: Now I'm going to ask you to describe these sex partners as either main or casual partners."

[Give Respondent Flashcard L.]

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

**SX13a.** **Of the [fill with "# male partners (SX11)"] men you've had oral or anal sex with in the past 12 months, how many of them were main partners?**

M\_MMSX M\_MM Number of main partners - 12 months

-----

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

**HardEdit\_SX13a.** If # male main partners GT # male partners (SX13a GT SX11), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX13a.

Else, go to Check\_SX13b.

**Check\_SX13b.** If # male main partners EQ # male partners (SX13a EQ SX11), go to Check\_INTRO\_SX14a.o.

Else, go to SX13b.

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

M\_MCSX M\_MC Number of casual partners - 12 months

-----

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

**HardEdit\_SX13b.** If # casual partners GT # male partners (SX13b GT SX11), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX13b.

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

Else, go to Check\_INTRO\_SX14a.o.

**Check\_INTRO\_SX14a.o** If 1 main partner (SX12 EQ 1 or SX13a EQ 1), go to INTRO\_SX14a.o.

If multiple main partners (SX13a GT 1) , go to INTRO\_SX14a.m.

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

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

AS - One Main Partner

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

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

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

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

AS - Multiple Main Partner

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

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

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

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

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

UAS - One Main AS Partner

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

M\_MM1UAS            M\_MM UAS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

UAS - Multiple Main AS Partners

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

M\_MMUAS M\_MM UAS partners - 12 months - number

— — — —

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

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

**M\_M: Casual Ps - Anal Sex, 12m**

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

AS - One Casual Partner

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

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

M\_MO1AS M\_MC AS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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



.

AS - Multiple Casual Partners

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

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

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

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

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

UAS - One Casual AS Partner

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

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

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

UAS - Multiple Casual AS Partners

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

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

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

M M: Casual Ps - Exchange Sex, 12m

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

EX - One Casual Partner

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

M\_MO1EG M\_MO Single exchange gave

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

M\_MO1ER M\_MO1 Single exchange received

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**Check\_SX15c.m.** Go to CALC\_BEGLXP.

EX - Multiple Casual Partners

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

M\_MOMEG M\_MO Multiple exchange gave

\_\_\_\_\_

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

**HardEdit\_SX15c.m.** If # exchange partners GT # casual partners (SX15c.m GT SX13b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX15c.m.  
Else, go to SX15d.m.

**SX15d.m. Of your [fill with # casual partners (SX13b)] male casual partners in the past 12 months, how many gave you money or drugs to have sex with them?**

M\_MOMER M\_MO Multiple exchange received

\_\_\_\_\_

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

**HardEdit\_SX15d.m.** If # exchange partners GT # casual partners (SX15d.m GT SX13b), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of male casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX15d.m.  
Else, go to CALC\_BEGLP.

**Check\_F\_MSeries.** Go to Last Partner Series (LPSeries).

**Universe\_F\_MSeries.** All female Rs (ES9 EQ 2).

**F\_MSeries: Female Rs – Male Sex Partners (INTRO F\_MSeries – SX26)**

**INTRO\_F\_MSeries** On one screen, DISPLAY: "READ: Next, I'm going to ask you some questions about having sex. Please remember your answers will be kept private."  
.  
[Give Respondent Flashcard I.]  
  
On next screen, DISPLAY: "READ: For these questions, "having sex" means oral, vaginal, or anal sex. Oral sex means mouth on the vagina or penis; vaginal sex means penis in the vagina; and anal sex means penis in the anus or butt. I need to ask you all the questions, even if some may not apply to your situation."

**F\_M: Sex with male Ps, lifetime**

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

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

**F\_MEVER** F\_M sex y/no

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

**SX18. How old were you the first time you had vaginal or anal sex with a man?**

F\_MDEBUT F\_M Age at sexual debut

— —

Range.....0-70

Don't Know.....99

Refuse to Answer.....77

**HardEdit\_SX18.** If age of first sex greater than current age (SX18 GT AGE), DISPLAY: "**INTERVIEWER:** The age of first sex cannot be greater than respondent's current age ([fill with R's age (AGE)]). Please clarify and re-enter response." Then, go back to SX18.  
Else, go to SX19.

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

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

F\_MSX12 F\_M Number of male sex partners - 12 months

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

**Check\_SX19conf** If HET cycle (CYCLE EQ 3) & R reports 0 male partners (SX19 EQ 0), go to SX19conf.  
. Else, go to Check\_INTRO\_SX20.

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

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

No - HAS had male partner..... 0

Yes - Has NOT had male partner..... 1

Don't Know..... 9

Refuse to Answer..... 7

|                           |  |
|---------------------------|--|
| <b>HardEdit_SX19conf.</b> | If R reports sex with a man in past 12 months (SX19conf. EQ 0), DISPLAY: " <b>INTERVIEWER:</b> 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. |
|---------------------------|--|

|                          |   |
|--------------------------|---|
| <b>Check_INTRO_SX20.</b> | 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.<br>If R reports 1 sex partner (SX19 EQ 1), go to INTRO_SX20.<br>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)

|                    |  |
|--------------------|--|
| <b>INTRO_SX20.</b> | On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual partner.<br><br>[Give Respondent Flashcard L.]"<br><br>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

|                           |                            |
|---------------------------|----------------------------|
| <b>Check_INTRO_SX21a.</b> | Go to Check_INTRO_SX22a.o. |
|---------------------------|----------------------------|

Multiple Partners (.m)

|                     |  |
|---------------------|--|
| <b>INTRO_SX21a.</b> | On one screen, DISPLAY: "READ: Now I'm going to ask you to describe these sex partners as either main or casual partners." |
|---------------------|--|

[Give Respondent Flashcard L.]"

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

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

F\_MMSX F\_MM Number of main partners - 12 months

\_\_\_\_\_

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

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

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

F\_MCSX F\_MC Number of casual partners - 12 months

\_\_\_\_\_

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

back to SX21a.  
Else, go to Check\_INTRO\_SX22a.o.

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

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

VS - One Main Partner

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

**SX22a.o.** In the past 12 months, did you have vaginal sex with this man?

F\_MM1VS F\_MM VS partners - 12 months - y/n  
No..... 0  
Yes..... 1  
Don't Know..... 9  
Refuse to Answer..... 7

**Check\_INTRO\_SX22a.m.** Go to Check\_SX22b.o.

VS - Multiple Main Partners

**INTRO\_SX22a.m** DISPLAY: "READ: Now I'm going to ask you about the [fill with # main partners (SX21a)] male main sex partners you  
. had in the past 12 months."

**SX22a.m.** Of your [fill with # main partners (SX21a)] male main partners in the past 12 months, with how many did you have  
vaginal sex?

F\_MMVS F\_MM VS partners - 12 months - number  
\_\_\_\_\_  
Range.....0-7000  
Don't Know.....9999



Refuse to Answer.....7777

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

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

UVS - One Main VS Partner

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

F\_MM1UVS F\_MM UVS partners - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

UVS - Multiple Main VS Partners

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

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

\_\_\_\_\_

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

**HardEdit\_SX22b.m.** If # UVS partners GT # VS partners (SX22b.m. GT SX22a.m.), DISPLAY: "INTERVIEWER: The response entered is

inconsistent with a prior response (number of male main vaginal sex partners). Clarify and re-enter response to current or prior item as needed." Then go back to SX22b.m.  
Else, go to Check\_SX22c.o.

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

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

AS - One Main Partner

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

F\_MM1AS

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

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

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

AS - Multiple Main Partners

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

F\_MMAS

F\_MM AS partners - 12 months - number

— — — —

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

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

Else, go to Check\_SX22d.o.

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

UAS - One Main AS Partner

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

F\_MM1UAS F\_MM UAS partners - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**Check\_SX22d.m** Go to Check\_INTRO\_SX23a.o.

UAS - Multiple Main AS Partners

**SX22d.m.** In the past 12 months, with how many of these [fill with # AS partners (SX22c.m)] men did you have anal sex without using a condom?

F\_MMUAS F\_MM UAS partners - 12 months - number

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

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

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

VS - One Casual Partner

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

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

F\_MO1VS            F\_MC VS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**Check\_INTRO\_SX23a.m.** Go to Check\_SX23b.o.

VS - Multiple Casual Partners

**INTRO\_SX23a.m** DISPLAY: "READ: Now I'm going to ask you about the [fill with # casual partners (SX21b)] male casual sex partners you had in the past 12 months. Remember, a casual sex partner is someone you do not feel committed to or don't know very well."

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

F\_MCVS            F\_MC VS partners - 12 months - number

-----

Range.....0:7000

Don't Know.....9999

Refuse to Answer.....7777

**HardEdit\_SX23a.m.** If # casual VS partners GT # casual partners (SX23a.m. GT SX21b), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX23a.m.  
Else, go to Check\_SX23b.o.

**Check\_SX23b.o.** If 1 casual VS partner (SX23a.o EQ 1 or SX23a.m. EQ 1), go to SX23b.o.  
If multiple casual VS partners (SX23a.m GT 1), go to SX23b.m.  
If no casual VS partners ((SX23a.o EQ 0, DK, or REF) or (SX23a.m. EQ 0, DK, or REF)), go to Check\_SX23c.o.

UVS - One Casual VS Partner

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

F\_MO1UVS F\_MC UVS partner - 12 months - y/n

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**Check\_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.

|                       |   |
|-----------------------|---|
| <b>Check_SX23d.o.</b> | If 1 casual AS partner ((SX23c.o EQ 1) or (SX23c.m EQ 1)), go to SX23d.o.<br>If multiple casual AS partners (SX23c.m GT 1), go to SX23d.m.<br>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

|                      |                      |
|----------------------|----------------------|
| <b>Check_SX23d.m</b> | 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

|                          |   |
|--------------------------|---|
| <b>HardEdit_SX23d.m.</b> | 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.<br>Else, go to Check_SX23e.o. |
|--------------------------|---|

|                       |   |
|-----------------------|---|
| <b>Check_SX23e.o.</b> | If 1 casual partner (SX20 EQ 2 or SX21b EQ 1), go to SX23e.o.<br>If multiple casual partners (SX21b GT 1), go to SX23e.m. |
|-----------------------|---|

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

EX - One Casual Partner

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

F\_MC1ER F\_MC1 Single exchange received

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

EX - Multiple Casual Partners

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

F\_MCMER F\_MC Multiple exchange received

— — — —

Range.....0-7000

Don't Know.....9999

Refuse to Answer.....7777

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

**CALC\_F\_MHET.**

F\_MHET F\_M HET sex (Y/N) F\_MHET = IF ((F\_MSX12=.DK or F\_MSX12=.REF), 9, IF ((F\_MSX12=0), 0, IF((F\_MSX12=1),1, if ((F\_MSX12>1),1,0))))

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



Else, go to CALC\_BEGLP.

**LastPartnerSeries**

|                    |  |                      |
|--------------------|--|----------------------|
| <b>CALC_BEGLP.</b> |  |                      |
| <b>BEGLP</b>       | Time at beginning of Last Partner series | BEGLP = Current time |

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

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

|                              |   |  |
|------------------------------|---|--|
| <b>Check_INTRO_LPSeries.</b> | If R is male & 1+ male or female sex partners 12m (ES9 EQ 1 & (M_FHET EQ 1 or M_MSX12 GE 1)) or R is female & had 1+ male sex partners 12m (ES9 EQ 2 & F_MHET EQ 1), go to INTRO_LPSeries. Else go to Check_SX75. |  |
|------------------------------|---|--|

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

**LPSeries: Last Sex Date**

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

|                    |   |  |
|--------------------|---|--|
| <b>INTRO_SX30.</b> | DISPLAY: "READ: First, please think about the last time you had [if R is male & reported only male partners 12m (ES9 EQ 1 & M_MSX12 GE 1 & M_FSX12 EQ 0 or SK), fill with "oral or anal", else, fill with "oral, vaginal, or anal"] sex [if R is female (ES9 EQ 2), fill with "with a man"]." |  |
|--------------------|---|--|

**SX30.** **When was the last time you had** [If R is male & reported only male partners 12m (ES9 EQ 1 & M\_MSX12 GE 1 & M\_FSX12 EQ 0 or SK), fill with "oral or anal", else fill with "oral, vaginal or anal"] **sex** [if R is female (ES9 EQ 2), fill with "with a man"]? **Just tell me the month and year.**

LPDATE LP: date of most recent sex

\_\_\_/\_\_\_\_

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

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

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

**CALC\_LPDATE\_C.**

LPDATE\_C Century month version of LPDATE date  $LPDATE\_C = ((LPDATEY - 1900) * 12) + LPDATEM.$

**Check\_HardEdit\_SX30.** If R did not report date of last sex with LP (SX30 EQ DK or REF), go to Check\_SX31. Else, go to HardEdit\_SX30.

**HardEdit\_SX30.** If R's date of last sex with LP after date of interview (LPDATE\_C GT IDATE\_C), DISPLAY: "**INTERVIEWER:** The date respondent last had sex cannot be after today's date." Then, go back to SX30.

If date of last sex is more than 12 months before interview [(LPDATEM is missing) and ((IDATEY-LPDATEY) GE 2)] or (LPDATE\_C LT AGO12M\_C), DISPLAY: "**INTERVIEWER:** Response entered is inconsistent with prior response (reported at least one sex partner in past 12 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX30.

Else, go to Check\_SX31.

**Check\_SX31.** If R is male (ES9 EQ 1), go to SX31. Else go to SX32.

**LP Series: LP Gender & Type**

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

LPGENDR LP: Gender

Male..... 1

Female..... 2

Don't Know..... 9

Refuse to Answer..... 7

Not Applicable..... 8

**Check\_SX32.** If R is male (ES9 EQ1) and LP gender NOT reported (SX31 EQ DK, REF, or NA), go to CALC\_ENDSX.  
 If R had more than 1 partner in past 12m ((ES9 EQ 1 & (M\_FSX12 GT 1) or (M\_MSX12 GT 1) or (M\_FSX12 EQ 1 & M\_MSX12 EQ 1)) or (ES9 EQ 2 & F\_MSX12 GT 1)), go to SX32.  
 Else, go to SX33a.

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

**SX32.** [Give Respondent Flashcard N.]

LPTYPE LP: type

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

**LP Series: Last Sex Event**

***LP: Last Sex - Behaviors***

**Check\_SX33a.** If LP is casual (SX32 EQ 2) & R reported exchange sex 12m (EXANY12M EQ 1) & LP is male or R is female (SX31 EQ 1 or ES9 EQ 2)), go to SX33a.  
 Else, go to Check\_SX33b.

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

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

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

**Check\_SX33b.** If LP is casual (SX32 EQ 2) & R reported exchange sex 12m (EXANY12M EQ 1) & R is male (ES9 EQ 1), go to SX33b.  
 Else, go to Check\_SX434a.

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

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

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

**Check\_SX34a.** If R is female (E59 EQ 2) or R is male & LP is female (E59 EQ 1 & SX31 EQ 2), go to SX48a. Else, go to Check\_SX49a.

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

LPLVS LP: VS at last event

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

**Check\_SX34b.** If R reported vaginal sex at last event (SX34a EQ 1), go to SX34b. Else, go to Check\_SX34c.

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

LPLVST LP: Used condom during VS at last event

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

**Check\_SX34c.** If R reported anal sex in past 12m (ASANY12M EQ 1), go to SX34c. Else, go to SoftEdit\_SX34c.

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

|       |                              |   |
|-------|------------------------------|---|
| LPLAS | LP: Opp-sex AS at last event |   |
|       | No.....                      | 0 |
|       | Yes.....                     | 1 |
|       | Don't Know.....              | 9 |
|       | Refuse to Answer.....        | 7 |

**SoftEdit\_34c.** If no vaginal or anal sex at last event with LP (SX34a EQ 0) & (SX34c EQ 0 or SK), DISPLAY: "so, this means you only had oral sex the last time you had sex?" Then go to SX36a.  
Else, go to Check\_SX34d.

**Check\_SX34d.** If R had AS with opposite gender partner at last sex (SX34c EQ 1), go to SX34d.  
Else go to SX36a.

**SX34d. During anal sex that last time, did [if R is male, fill with "you", if R is female, fill with "he"] use a condom the whole time?**

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

**Check\_SX35a.** If R is male & LP is male (ES9 EQ 1 & SX31 EQ 1), go to SX35a.  
Else go to SX36a.

**SX35a. When you had sex that last time, did you have receptive anal sex where he put his penis in your anus or butt?**

|        |                                |   |
|--------|--------------------------------|---|
| LPLRAS | LP: Receptive AS at last event |   |
|        | No.....                        | 0 |
|        | Yes.....                       | 1 |

Don't Know..... 9

Refuse to Answer..... 7

**Check\_SX35b.** If male R had RAS with male partner at last sex (SX35a EQ 1), go to SX35b.  
Else go to SX35c.

**SX35b. During receptive anal sex that last time, did he use a condom the whole time?**

LPLRASCT LP: Condom use during RAS at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**SX35c. When you had sex that last time, did you have insertive anal sex where you put your penis in his anus or butt?**

LPLIAS LP: Receptive AS at last event

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**SoftEdit\_SX35c.** If no RAS or IAS at last event (SX35a EQ 0 & SX35c EQ 0), DISPLAY: "So, this means you only had oral sex the last time you had sex?" Then, go to SX36a.  
Else, go to Check\_SX35d.

**Check\_SX35d.** If male R had IAS with male partner at last sex (SX35c EQ 1), go to SX35d.  
Else go to SX36a.

**SX36d. During insertive anal sex that last time, did you use a condom the whole time?**

LPLIASCT LP: Condom use during IAS at last event

No..... 0

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

**LP: Last Sex – Partner HIV status**

**SX36a.** The last time you had sex with this partner, did you know [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if LP is female (SX31 EQ 2), fill with "her"] HIV status?

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

**Check\_SX36b.** If R knew P1 HIV status (SX50a EQ 1), go to SX36b.  
Else, go to Check\_SX37a.

**What was** [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if LP is female (SX31 EQ 2), fill with "her"] HIV status?

**SX36b.** [DO NOT read choices.]

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

**Check\_SX36c.** If P1 HIV-positive, (SX36b EQ 2), go to SX36c.  
Else, go to Check\_SX37a

**SX36c.** 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"] 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 LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with

"his"; if LP is female (SX31 EQ 2), fill with "her"] **HIV infection?**

LPARTDS

LP: Whether P disclosed ART use

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

**Check\_SX36d.** If LP disclosed ART use, (SX36c EQ 1), go to SX36d.  
Else, go to Check\_SX37a.

**SX36d.**

**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"] **say** [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] **WAS taking antiretroviral medicines or was NOT taking antiretroviral medicines?**

LPONART

LP: HIV+ partner on ART at last event

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

**LP Series: Partner characteristics**

***LP: Age & race/ethnicity***

**SX37a.**

**Was this partner younger than you, older than you, or the same age as you?**

LPAGERL

LP: Relative age

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



**Check\_SX37b.** If LP is older than R (SX32a EQ 1), go to SX32b.  
Else, go to SX33.

**SX37b.** **What was** [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if LP is female (SX31 EQ 2), fill with "her"] **age?**

LPAGEY LP: Age in years

— — —

Range.....0:100

Don't Know.....999

Refuse to Answer.....777

**HardEdit\_SX37b.** If LP's age is less than R's age (LPAGEY LT AGE), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (R reported that partner was older than them). Clarify and re-enter response to current or prior item as needed." Then, go back to SX37b.  
Else, go to SX38.

[Give Respondent Flashcard M.]

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

**SX38.** [READ choices. CHECK ALL that apply.]

LPRCETH LP: race / ethnicity

LPRCETHA American Indian or Alaska Native.....

LPRCETHB Asian.....

LPRCETHC Black or African American.....

LPRCETHD Hispanic or Latino.....

LPRCETHE Native Hawaiian or Other Pacific Islander.....

LPRCETHF White.....

Don't Know..... 9

Refuse to Answer..... 7

**LP: Relationship Length**

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

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

LPLT\_N LP: Relationship length - Number

— — —

Range.....0:365

Don't Know.....999

Refuse to Answer.....777

**Check\_SX39b.** If relationship length at least one day (SX39a NE 0, DK or REF), go to SX39b.  
Else, go to INTRO\_SX40a.

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

LPLT\_U LP: Relationship length - Unit

Days..... 0

Months..... 1

Years..... 2

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

**LP: Partner risk**

**INTRO\_SX40a.** DISPLAY: "READ: Now I'm going to ask you some questions about experiences your partner may have had."  
  
[Give Respondent Flashcard O.]

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

**SX40a.** [READ choices.]

LPIDU LP: Ever injected

Definitely did not..... 0

Probably did not..... 1

Probably did..... 2

Definitely did..... 3

Don't Know..... 9

Refuse to Answer..... 7

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

**SX40b.** [READ choices.]

LPCRACK LP: Ever used crack

Definitely did not..... 0

Probably did not..... 1

Probably did..... 2

Definitely did..... 3

Don't Know..... 9

Refuse to Answer..... 7

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

**SX40c.** [READ choices.]

LPJAIL LP: Ever incarcerated

Definitely did not..... 0

Probably did not..... 1

Probably did..... 2

Definitely did..... 3

Don't Know..... 9

Refuse to Answer..... 7

**Check\_SX40d.** If R is female (ES9 EQ 2), go to Check\_SX40d.  
Else go to Check\_SX41a.

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

**SX40d.** [READ choices.]

LPMSM LP: Ever MSM

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

**LP: Concurrency**

**Check\_SX41a.** If relationship length LE 1y (LPRLLE1Y EQ 1), go to SX41a.  
If relationship length GT 1y (LPRLLE1Y EQ 0), go to SX42a.  
Else, if relationship was a one night stand (LPLT\_N=0) or R did not report relationship length (LPLT\_N EQ DK or REF), go to END\_LP.

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

**SX41a.** [READ choices.]

LPPOTH LP had other partners- relat ≤12m

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

**SX41b. During the time you were having a sexual relationship with this partner, did you have sex with other people?**

LPROTH

LP: R had other partners- relat ≤12m

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

**Check\_SX42a.** Go to END\_LP.

**As far as you know, during the past 12 months when you were having a sexual relationship with this partner, did [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"] have sex with other people? Would you say [if LP is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if LP is female (SX31 EQ 2), fill with "she"]:**

**SX42a.**

[READ choices.]

LPPOTHYR

LP had other partners- relat >12m

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

**SX42b.**

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

LPROTHYR

LP: R had other partners- relat >12m

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

**CALC\_ENDLP.**

|              |  |
|--------------|--|
| <b>ENDLP</b> | Time at end of last partner series<br>ENDLP = Current time |
|--------------|--|

|                    |   |
|--------------------|---|
| <b>Check_SX50.</b> | If R is female (ES9 EQ 2), go to SX50.<br>Else, go to CALC_ENDSX. |
|--------------------|---|

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

**SX50.**                    **Now I'm going to ask you about having sex with other women. In the past 12 months, with how many different women have you had sex?**

F\_FSXYR                F\_F Number of female sex partners - 12 months

— — — —

Range.....0:1000

Don't Know.....9999

Refuse to Answer.....7777

|                    |  |
|--------------------|--|
| <b>CALC_ENDSX.</b> |  |
| <b>ENDSX</b>       | Time sexual behavior section ended    ENDSX = Current time |

|                |                                 |
|----------------|---------------------------------|
| <b>END_SX.</b> | Go to Alcohol Use Section (AL). |
|----------------|---------------------------------|

NHBS ROUND 6 QUESTIONNAIRE

ALCOHOL USE (AL)

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

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

**CALC\_BEGAL.**

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

**INTRO\_AL1.** DISPLAY: "READ: The next questions are about alcohol use. Please remember your answers will be kept private. For these questions, "a drink of alcohol" means a 12 oz beer, a 5 oz glass of wine, or a 1.5 oz shot of liquor.  
 [Give Respondent Flashcard Q.]"

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

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

**Check\_AL2.** If R 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.

**AL2.** During the past 30 days, what is the largest number of drinks you had within about two hours?

ALCLG30D Largest number drinks on single occasion - past 30 days

— —

Range.....0-99.....

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

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

**Check\_AL3M.** If R is male, transgender, or did not report gender (ES9 NE 2) and had at least 5 drinks in about 2 hours (AL2 GE 5), go to AL3M.  
If R is female (ES9 EQ 2) and had at least 4 drinks in about 2 hours (AL2 GE 4), go to AL3F.  
Else, go to CALC\_ENDAL.

**AL3M.** During the past 30 days, how many 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\_AL3F.** Go to CALC\_ENDAL.

**AL3F.** 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.....

**CALC\_ENDAL.**



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

**END\_AL.**            Go to Injection Drug Use Section (ID).

NHBS ROUND 6 QUESTIONNAIRE

INJECTION DRUG USE (ID)

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

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

**CALC\_BEGID.**

**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

|                    |  |
|--------------------|--|
| <b>Check_ID1a.</b> | If R has ever injected (ID1 EQ 1), go to ID1a.<br>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.....

|                      |  |
|----------------------|--|
| <b>HardEdit_ID1a</b> | 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.<br>Else, go to ID1b. |
|----------------------|--|

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

OPIFIRST Hooked on painkillers prior 1st injected

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

|                       |  |
|-----------------------|--|
| <b>Check_ID1b.num</b> | If IDU cycle (CYCLE EQ 2), go to INTRO_ID2.<br>Else, go to ID1b.num. |
|-----------------------|--|

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

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

LINJN When last injected, number

— — —

Range.....0:365.....

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

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

|                        |   |
|------------------------|---|
| <b>Check_ID1b.dmy.</b> | If R does not report time since last injection (ID1b.num EQ DK or REF), go to CALC_LINJ12.<br>If R last injected on day of interview (ID1b.num EQ 0), go to Check_INTRO_ID2.<br>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.....

|                        |  |
|------------------------|--|
| <b>Check_INTRO_ID2</b> | 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.<br>Else, go to CALC_LINJ12. |
|------------------------|--|

|                                     |   |
|-------------------------------------|---|
| <b>UNIVERSE_InjectionFrequency.</b> | 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**

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

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

**ID2.**            [READ choices.]

INJFX12        Overall injection frequency, 12m

More than once a day..... 1

Once a day..... 2

More than once a week..... 3

Once a week or less..... 4

Don't Know..... 9

Refuse to Answer..... 7

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

**INTRO\_ID3a.** DISPLAY: "[Give Respondent Flashcard H.]

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

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

**ID3a.** [READ choices.]

**INJ\_SB** Speedball (heroin and cocaine together) frequency - 12 months

More than once a day..... 1

Once a day..... 2

More than once a week..... 3

Once a week or less..... 4

Never..... 5

Don't Know..... 9

Refuse to Answer..... 7

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

**ID3b.** [READ choices.]

**INJ\_HERO** Heroin, by itself frequency - 12 months

More than once a day..... 1

Once a day..... 2

More than once a week..... 3

Once a week or less..... 4

Never..... 5

Don't Know..... 9

Refuse to Answer..... 7

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

**ID3c.**

[READ choices.]

INJ\_COKE

Powder cocaine, by itself frequency - 12 months

More than once a day..... 1

Once a day..... 2

More than once a week..... 3

Once a week or less..... 4

Never..... 5

Don't Know..... 9

Refuse to Answer..... 7

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

**ID3d.**

[READ choices.]

INJ\_CRAC

Crack cocaine, by itself frequency - 12 months

More than once a day..... 1

Once a day..... 2

More than once a week..... 3

Once a week or less..... 4

Never..... 5

Don't Know..... 9

Refuse to Answer..... 7

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

**ID3e.**

[READ choices.]

INJ\_METH

Methamphetamine frequency - 12 months

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

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

**ID3f.** [READ choices.]

INJ\_PAIN Painkillers frequency - 12 months

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

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

**ID3g.1.**

INJ\_OTH Other drug injected, 12m, y/n - IDU

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

**Check\_ID3gspec** . If R injected another drug in the past 12 months (ID3g.1 EQ 1), go to ID3gspec.  
Else, go to INTRO\_ID5a.

**ID3gspec. What other drugs did you inject?**

INJ\_OTHS INJ Other drug specify, 12m—IDU

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

Don't Know 9

Refuse to Answer 7

**Check\_ID4A**

. Go to INTRO\_ID5a.

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

[Give Respondent Flashcard B.]

**ID4a.** [READ choices.]

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

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

Heroin, by itself..... 2

Powder cocaine, by itself..... 3

Crack cocaine, by itself..... 4

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

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

Something else..... 7

Don't Know.....99

Refuse to Answer.....77

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

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

No..... 0



Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

**What other drugs did you inject?**

[Give Respondent Flashcard B.]

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

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

**Injection Equipment Type, 12m**

**INTRO\_ID5a.** DISPLAY: "READ: Next, I'm going to ask you about the needles you used in the past 12 months, that is, since [fill with interview month, formatted as text] of last year. When I ask you about "needles," I'm talking about needles and syringes."

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

**ID5a.** [Give Respondent Flashcard R.]

|        |  |   |
|--------|--|---|
| INJREM | Used syringe with removable needle - 12 months |   |
|        | No.....  | 0 |
|        | Yes.....                                       | 1 |
|        | Don't Know.....                                | 9 |
|        | Refuse to Answer.....                          | 7 |

**Check\_ID5b** . If R used a syringe with a needle that can be removed in the past 12 months (ID5A EQ 1), go to ID5B. Else, go to ID7.

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

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

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

[Give Respondent Flashcard S.]

|             |   |
|-------------|---|
| <b>ID7.</b> | [READ choices. CHECK ALL that apply.]           |
| NDLEDSP     | How disposed of used needle - 12 months         |
| NDLEDSPA    | Put it in a medical sharps container            |
| NDLEDSPB    | Threw it away                                   |
| NDLEDSPC    | Kept it   |
| NDLEDSPD    | Gave or sold it to someone else                 |
| NDLEDSP E   | Took it to a needle or syringe exchange program |

NDLEDSPF Did something else with it

Don't Know..... 9

Refuse to Answer..... 7

**Check\_ID7spec** If R did something else with the used needle (NDLEDSPF EQ 1), go to ID7spec.  
 . Else, go to ID8.

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

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

[Give Respondent Flashcard T.]

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

**ID8.** [READ choices.]

STERILE INJ Frequency used sterile needle - 12 months

Never..... 0

Rarely..... 1

About half the time..... 2

Most of the time..... 3

Always..... 4

Don't Know..... 9

Refuse to Answer..... 7

**Injection Equipment Sharing, 12m**

**Check\_INTRO\_ID9** If R always used a sterile needle in the past 12 months (ID8 EQ 4), go to ID10.  
 . Else, go to INTRO\_ID9.

**INTRO\_ID9.** DISPLAY: "READ: Next, I'm going to ask you about your injecting behaviors in the past 12 months, that is, since

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

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

NUM\_NA Used needle after-number of people

— — —

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

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

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

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

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

— — —

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

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

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

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

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

— — —

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

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

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

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

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

-----

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

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

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

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

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

[Give Respondent Flashcard T.]

**ID13.** [READ choices.]

SHARNdle Used needle after- frequency

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

**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.

**ID14.** **In the past 12 months, how often did you give your needle to someone else to use after you had already injected**

**with it?**

[Give Respondent Flashcard T.]

[READ choices.]

GIVENDLE

Gave needle after injected – freq.

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

**HardEdit\_ID14.** If R reported earlier that he had given needles to one or more persons and reports that he never gave needles to someone else (ID10 GT 0 and ID14 EQ 0), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (reported giving needles to at least one other person). Clarify and re-enter response to current or prior item as needed." Then go back to ID14.  
Else, go to Check\_ID15.

**Check\_ID15.** If R did not use or refused to report if he used cookers, cottons, or water after someone else in the past 12 months (ID11 EQ 0 or REF), go to Check\_ID16.  
Else, go to ID15.

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

[Give Respondent Flashcard T.]

**ID15.**

[READ choices.]

SHARWORK

Used cooker, cotton, water after – freq.

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

Refuse to Answer..... 7

**HardEdit\_ID15.** If R reported earlier that he had used cookers, cottons, or water after one or more persons and reports that he never used cookers, cottons, or water after someone else (ID11 GT 0 and ID15 EQ 0), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (reported using cookers, cottons, or water after at least one other person). Clarify and re-enter response to current or prior item as needed." Then go back to ID15.

Else, go to Check\_ID16.

**Check\_ID16.** If R did not use or refused to report if he used drugs that had been divided with a used syringe (ID12 EQ 0 or REF), go to CALC\_LINJ12.

Else, go to ID16.

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

[Give Respondent Flashcard T.]

**ID16.** [READ choices.]

SAMESYR

Used drugs divided up after - frequency

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

**HardEdit\_ID16.** 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.

Else, go to Check\_INTRO\_ID17.

**CALC\_LINJ12.**

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

|                    |                                       |                      |
|--------------------|---------------------------------------|----------------------|
| <b>CALC_ENDID.</b> |                                       |                      |
| <b>ENDID</b>       | Time injection drug use section ended | ENDID = Current time |

|                |  |
|----------------|--|
| <b>END_ID.</b> | Go to Non-Injection Drug Use Section (ND). |
|----------------|--|



NHBS ROUND 6 QUESTIONNAIRE

NON-INJECTION DRUG USE (ND)

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

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

**CALC\_BEGND.**

**BEGND** Time at beginning of ND section  
 BEGND = Current time

**INTRO\_ND1.** DISPLAY: "READ: Now I'm going to ask you about times when you may have used drugs but did NOT inject them. This includes times that you may have smoked, snorted, inhaled, or ingested drugs such as marijuana, methamphetamine, cocaine, or crack."

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

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

**Check\_INTRO\_ND2.** If R has used non-injection drugs (ND1 EQ 1), go to INTRO\_ND2A.  
 Else, go to CALC\_ENDND.

**INTRO\_ND2A.** DISPLAY: "[Give Respondent Flashcard H.]

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

**How often did you use marijuana?**

**ND2A.**

[READ choices.]

ND\_MJ

How often used marijuana past 12 months

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

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

**ND2B.**

[READ choices.]

ND\_METH

How often used methamphetamine past 12 months

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

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

**ND2C.**

[READ choices.]

ND\_CRACK      How often used crack cocaine past 12 months

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

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

**ND2D.**      [READ choices.]

ND\_COKE      How often used powder cocaine that is smoked or snorted past 12 months

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

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

**ND2E.**      [READ choices.]

ND\_DOWN      How often used downers (benzos) such as Valium past 12 months

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

Refuse to Answer..... 7

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

**ND2F.** [READ choices.]

ND\_PAIN How often used pain killers such as Oxycontin, Vicodin past 12 months

More than once a day..... 1

Once a day..... 2

More than once a week..... 3

Once a week or less..... 4

Never..... 5

Don't Know..... 9

Refuse to Answer..... 7

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

**ND2G.** [READ choices.]

ND\_X How often used X or ecstasy past 12 months

More than once a day..... 1

Once a day..... 2

More than once a week..... 3

Once a week or less..... 4

Never..... 5

Don't Know..... 9

Refuse to Answer..... 7

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

**ND2H.** [READ choices.]

ND\_HER How often used heroin that is smoked or snorted past 12 months

More than once a day..... 1

Once a day..... 2

More than once a week..... 3

Once a week or less..... 4

Never..... 5

Don't Know..... 9

Refuse to Answer..... 7

|                    |   |
|--------------------|---|
| <b>Check_ND2I.</b> | If MSM cycle (CYCLE EQ 1), go to ND2I.<br>Else, go to ND2J. |
|--------------------|---|

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

**ND2I.** [READ choices.]

ND\_POP How often used poppers (amyl nitrite) past 12 months

More than once a day..... 1

Once a day..... 2

More than once a week..... 3

Once a week or less..... 4

Never..... 5

Don't Know..... 9

Refuse to Answer..... 7

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

ND\_OTHYN Used other non-injection drugs past 12 mos

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

|                         |   |
|-------------------------|---|
| <b>Check_ND2J.spec.</b> | If R has used another non-injection drug (ND2J EQ 1), go to ND2J.spec.<br>Else, go to CALC_ENDND. |
|-------------------------|---|

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

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

Don't Know..... 9

Refuse to Answer..... 7

**CALC\_ENDND.**

**ENDND**      Time ND section ended      ENDND = Current time

**END\_ND.**      Go to Drug Treatment Section (TX).

NHBS ROUND 6 QUESTIONNAIRE

DRUG OVERDOSE AND DRUG TREATMENT (TX)

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

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

**CALC\_BEGTX.**

**BEGTX** Time at beginning of TX section  
 BEGTX = Current time

**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 (E\_USINJ EQ 1 OR E\_USINJ EQ 2 OR E\_USINJ EQ 6 OR ID3A LT 5 OR ID3B LT 5 OR ID3F LT5 OR ID4a EQ 1,2, or 6 OR INJMOSTA EQ 1 OR INJMOSTB EQ 1 OR INJMOSTF EQ 1 OR ND2F 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 12 months?**

MAT Drug tx - meds in past 12 months

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

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

MATTRY Drug tx - tried to get meds

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**TX5. In the past 12 months, did you overdose on heroin or painkillers? By overdose, I mean if you passed out, turned**



**blue, or stopped breathing from using drugs.**

OVERDOSE

Overdosed in past 12 months

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**CALC\_ENDTX.**

**ENDTX**

Time drug treatment section  
ended

ENDTX = Current time

**END\_TX.**

Go to HIV Testing Experiences Section (HT).

NHBS ROUND 6 QUESTIONNAIRE

HIV TESTING EXPERIENCES (HT)

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

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

**CALC\_BEGHT.**

**BEGHT** Time at beginning of HIV testing section  
 BEGHT = Current time

**INTRO\_HT1.** DISPLAY: "READ: Now I'm going to ask you a few questions about getting tested for HIV. Remember, an HIV test checks whether someone has the virus that causes AIDS."

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

**Check\_HT2.** If R ever tested for HIV (HT1 EQ 1), go to HT2.  
 If R never tested for HIV (HT1 EQ 0), go to HT6.  
 If R did not report if ever tested for HIV (HT1 EQ DK or REF), go to CALC\_ENDHT.

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

Refuse to Answer.....

7

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

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

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

**Recent HIV testing**

**HT4. When did you have your most recent HIV test? Please tell me the month and year.**

RCNTST Date of most recent HIV test  
\_\_\_\_/\_\_\_\_(MM/YYYY)  
Range (Year) .....1900-2100  
Don't Know (Year)..... 9999  
Refuse to Answer (Year)..... 7777

**Check\_CALC\_RCNTST\_C.** If R did not report when they had their most recent HIV test, (HT4 EQ DK or REF), go to Check\_HT4conf. Else, go to CALC\_RCNTST\_C.

**CALC\_RCNTST\_C.**  
RCNTST\_C Century month version of RCNTST date  
 $RCNTST\_C = ((RCNTSTY - 1900) * 12) + RCNTSTM.$

**SoftEdit\_HT4.** If year of most recent test is before 1985 (HT4 (year) LT 1985), DISPLAY: "**INTERVIEWER:** HIV testing was not widely available before 1985. Please confirm the year of the most recent HIV test. If [fill with response to HT4 (year)] is NOT correct, please go back to the previous screen and re-enter the correct year." Then go to HardEdit\_HT4.

**HardEdit\_HT4.** If 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 &

**Check\_HT4conf** month of last test not reported ((HT4Y EQ IDATEY-1) & (HT4M is missing), go to HT4conf.  
 . Else, go to HT4a.

**HT4conf.** **Was your most recent HIV test in the past 12 months, that is, since [fill with interview month, formatted as text] of last year?**  
**C\_RCNTST** HIV test in 12 months - y/n

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

**When you got tested** [if month & year of last test are known, fill with response to HT4, formatted as "in month, YYYY"; if month missing but year known, fill with response to HT4 (year), formatted as "in YYYY"; if month & year of last test not reported (HT4 EQ DK or REF), fill with "that last time"], **where did you get tested?**

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

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

**HT4b.** **Did you get the result of your most recent HIV test?**  
**GOTRCNT** Got result most recent HIV test

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

**Check\_HT4c.** If R received result of recent test (HT4b EQ 1), go to HT4c.  
 Else, go to Check\_INTRO\_HT5.

**What was the result of your most recent HIV test?**

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

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

**Check\_INTRO\_HT5.** If recent test result was positive (HT4c EQ 2), go to Self-Reported Positive (SRP) Series.

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

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 **Check\_BarrierstoHIVTesting**.

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.

Go to CALC\_ENDHT.  
**Check\_BarrierstoHIVTesting**

**Barriers to HIV Testing**

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

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

|             |   |   |
|-------------|---|---|
| <b>HT6.</b> | [READ choices.]                                       |   |
| RENT12M     | Reason not tested past 12 mos                         |   |
|             | You think you are at low risk for HIV infection?..... | 1 |
|             | You were afraid of finding out that you had HIV?..... | 2 |
|             | You didn't have time?.....                            | 3 |
|             | Some other reason?.....                               | 4 |
|             | No particular reason.....                             | 5 |
|             | Don't Know.....                                       | 9 |
|             | Refuse to Answer.....                                 | 7 |

**Check\_HT6a.** If most important reason not tested was 'other' (HT6 EQ 4), go to HT6a.  
 Else, go to CALC\_ENDHT.

|              |  |   |
|--------------|--|---|
| <b>HT6a.</b> | <b>What was the <u>most important reason</u> you have not been tested for HIV in the past 12 months?</b> |   |
| SPECNTST     | Most important reason not tested past 12 months  |   |
|              | -----  |   |
|              | {text response; max length = 100 characters}   |   |
|              | Don't Know.....  | 9 |
|              | Refuse to Answer.....  | 7 |

**Check\_SRPSeries.** Go to CALC\_ENDHT.

**Universe\_SRPSeries.** Rs who reported ever testing HIV-positive (HT2 EQ 1) or (HT4c EQ 2).

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

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

**Check\_CALC\_POS1ST\_C.** If R did not report when they first tested positive (HT7 EQ DK or REF), go to HT7a.  
Else, go to CALC\_POS1ST\_C.

**CALC\_POS1ST\_C.**  
Century month version of POS  
POS1ST\_C 1ST date  $POS1ST\_C = ((POS1STY-1900)*12) + POS1STM$

**SoftEdit\_HT7.** If year of first positive test is before 1985 (HT7 (year) LT 1985), DISPLAY: "**INTERVIEWER:** HIV testing was not widely available before 1985. Please confirm the year respondent first tested HIV-positive. If [fill with response to HT7 (year)] is NOT correct, please go back to the previous screen and re-enter the correct year." Then go to HardEdit\_HT7.

**HardEdit\_HT7.** If date R first tested positive after interview date ((POS1ST\_C GT IDATE\_C ) or (POS1STY AFTER IDATEY)), DISPLAY: "**INTERVIEWER:** The date respondent first tested HIV-positive cannot be after today's date." Then, go back to HT7.

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

If date R first tested positive after most recent test date ((POS1ST\_C GT RCNTST\_C ) or (POS1STY AFTER RCNTSTY)), DISPLAY: "**INTERVIEWER:** The date respondent first tested HIV-positive cannot be after the most recent test [if month & year of last test are known, fill with response to HT4, formatted as "in month, YYYY"; if month missing but year known, fill with response to HT4 (year), formatted as "in YYYY"].", Then go back to HT7.

If date R first tested positive within past 2 yrs ((POS1ST\_C GE AGO2Y\_C) or (IDATEY-POS1STY EQ 0 or 1)) & R reported 0 tests in the past two years (HT3 EQ 0), DISPLAY: "**INTERVIEWER:** The response entered is inconsistent with a prior response (number of tests in past 2 years). Clarify and re-enter response to current or prior item as needed." Then go back to HT3.

Else, go to HT7a.

**Where did you first test positive?**

**HT7a.** [DO NOT READ choices.]  
LOC1POS Location of first HIV-positive test

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

**HT7d.** Within 30 days after you got your first positive HIV test, did someone let you know where you could go

|                             |                            |
|-----------------------------|----------------------------|
| <b>for outpatient care?</b> |                            |
| TLDCARE                     | Told where to get HIV care |
|                             | No..... 0                  |
|                             | Yes..... 1                 |
|                             | Don't Know..... 9          |
|                             | Refuse to Answer..... 7    |

**Linkage to Care**

**Universe\_LinkagetoCare.** All HIV-positive Rs (HT2 EQ 1 or HT4c EQ 2).

|  |   |
|--|---|
| <b>HT8a. 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?</b> |   |
| POSMD  | Seen health care provider for HIV infection |
|  | No..... 0                                   |
|  | Yes..... 1                                  |
|  | Don't Know..... 9                           |
|  | Refuse to Answer..... 7                     |

**Check\_HT8b.** If R has ever been seen for HIV care (HT8a EQ 1), go to HT8b.  
Else, go to CALC\_ENDHT.

|   |  |
|---|--|
| <b>HT8b. When did you <u>first</u> go to your health care provider after learning you had HIV? Please tell me the month and year.</b> |  |
| FRSMD   | First saw health care provider after learning HIV+ |
|   | ___ / ___ (MM/YYYY)                                |
|   | Range (Year) ..... 1900-2100                       |
|   | Don't Know (Year)..... 9999                        |
|   | Refuse to Answer (Year)..... 7777                  |

**Check\_CALC\_FRSMDC.** If R did not report when they first went to a health care provider (HT8b EQ DK or REF), go to Check\_HT8b.1  
Else, go to CALC\_FRSMDC.

**CALC\_FRSMDC.**  
FRSMDC Century month version of  
FRSMDC FIRST MD date  $FRSMDC = (FRSMDCY - 1900) * 12 + FRSMDCM$

**HardEdit\_HT8b.** If R's date of first visit for HIV care is after date of interview ((FRSMDC GT IDATE\_C) or (FRSMDCY 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 FRSMDC) or (POS1STY AFTER FRSMDCY)), DISPLAY: "**INTERVIEWER:** The date respondent first saw a health care provider about his or her positive serostatus should not be before the first positive test." Then, go back to HT8b.

Else, go to Check\_HT8b.1

**Check\_HT8b.1** If R did not know when first visit for HIV care occurred or date of first positive test result (HT8b or HT7 EQ DK) or if R did not know the month of first visit for HIV care or month of first positive test date (FRSMDM is missing or POS1STM is missing), go to HT8b.1.  
Else, go to HT8c.

**HT8b.1. Did you first go to your health care provider for HIV care more than 30 days after learning you had HIV?**

|         |   |   |
|---------|---|---|
| C_FRSMD | Confirm: 1st MD visit more than 30 days before 1 <sup>st</sup> HIV-pos Dx |   |
|         | No.....   | 0 |
|         | Yes.....  | 1 |
|         | Don't Know.....   | 9 |
|         | Refuse to Answer.....   | 7 |

**HT8c. When did you last go to your health care provider for HIV care? Please tell me the month and year.**

|        |                               |           |
|--------|-------------------------------|-----------|
| LASTMD | Last saw health care provider |           |
|        | __ / __ __ __ (MM/YYYY)       |           |
|        | Range (Year) .....            | 1900-2100 |
|        | Don't Know (Year).....        | 9999      |
|        | Refuse to Answer (Year).....  | 7777      |

**Check\_CALC\_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.

|                       |                          |   |
|-----------------------|--------------------------|---|
| <b>CALC_LASTMD_C.</b> | Century month version of |   |
| LASTMD_C              | LAST MD date             | $LASTMD\_C = (LASTMDY - 1900) * 12 + LASTMDM$ |

**HardEdit\_HT8c.** If R's date of last visit for HIV care after date of interview ((LASTMD\_C GT IDATE\_C) or (LASTMDY AFTER IDATEY)), DISPLAY: "**INTERVIEWER:** The date respondent last saw a health care provider cannot be after today's date." Then, go back to HT8c.

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

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

If R's date of last visit for HIV care is before date of first positive test ((LASTMD\_C LT POS1ST\_C) or (POS1STY AFTER LASTMDY)), DISPLAY: "**INTERVIEWER:** The date of respondent's last visit cannot be earlier than the date of the first positive test." Then, go back to HT8c.

Else, go to Check\_HT8c.1.

**Check\_HT8c.1.** If the date of R's last visit for HIV care is more than 6 months ago (LASTMD\_C LT AGO6M\_C) go to HT9.  
If R's date of last visit for HIV care is DK or month is missing, go to HT8c.1.  
Else, go to HT9.

**HT8c.1. Was your last visit for HIV care in the past 6 months?**

|          |  |   |
|----------|--|---|
| C_LASTMD | Last HIV care in the past 6 months - n/y |   |
|          | No.....                                  | 0 |
|          | Yes.....                                 | 1 |



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

**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 CALC\_ENDHT.  
 Else, go to HT10a.

**HT10a.** **When was your most recent viral load test? Please tell me the month and year.**  
 RCVLTST Date of most recent VL  
 \_\_\_ / \_\_\_ (MM/YYYY)  
 Range (Year) .....1900-2100  
 Don't Know (Year)..... 9999  
 Refuse to Answer (Year)..... 7777

**Check\_CALC\_VLTST\_C.** If R did not report when they had most recent viral load test (HT10a EQ DK or REF), go to INTRO\_HT10b.  
 Else, go to CALC\_VLTST\_C.

**CALC\_VLTST\_C.**  
 VLTST\_C Century month version of  
 RCVLTST date  $VLTST\_C = (RCVLTSTY - 1900) * 12 + RCVLTSTM$

**HardEdit\_HT10a.** If R's date of most recent viral load test after date of interview ((VLTST\_C GT IDATE\_C) or (RCVLTSTY AFTER IDATEY)),  
 DISPLAY: "INTERVIEWER: The date of respondent's most recent viral load test cannot be after today's date."  
 Then, go back to HT10a.  
  
 If R's date of most recent viral load test before date of birth (HT10a BEFORE ES1), DISPLAY: "INTERVIEWER: The date of respondent's most recent viral load test cannot be before his or her date of birth [fill with (value for

ES1, formatted as Month DD, YYYY])." Then, go back to HT10a.

If R's date of most recent viral load test is before date of first positive test ((VLTST\_C LT POS1ST\_C) or (POS1STY AFTER RCVLTSTY)), DISPLAY: "**INTERVIEWER:** The date of respondent's most recent viral load test cannot be earlier than the date of the first positive test." Then, go back to HT10a.

Else, go to INTRO\_HT10b.

**INTRO\_HT10b.** DISPLAY: "READ: Next, I am going to ask about the result of your most recent viral load test. Looking at this flashcard, which category represents your most recent result?"

[Give Respondent Flashcard V.]

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

**HT10b.**  
VRLTRSLT

- [READ choices.]
- Result for most recent VL
- Below the level of detection, undetectable..... 1
  - Detectable but less than 5,000 viral copies/ml..... 2
  - 5,000 to 100,000 viral copies/ml..... 3
  - Greater than 100,000 viral copies/ml..... 4
  - Don't Know..... 9
  - Refuse to Answer..... 7

**CALC\_ENDHT.**

**ENDHT**            Time HIV testing section ended    ENDHT = Current time

**END\_HT.**            Go to Health Conditions Section (HC).

NHBS ROUND 6 QUESTIONNAIRE

HEALTH CONDITIONS (HC)

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

**Universe\_HC.** All eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 2) or (CYCLE EQ 3 & EL\_HET EQ 3) who consent to interview (CN1 EQ 1) and completed prior section (ENDHT is not missing).

**CALC\_BEGSHC.**

**BEGHC** Time at beginning of HC section  
BEGHC = Current time

**INTRO\_HealthConditions.** DISPLAY: "READ: Next, I'd like to ask you some questions about your health."

Hepatitis C (HCV)

**INTRO\_HC1.** DISPLAY: "READ: The first questions are about hepatitis C. There are three common types of hepatitis- hepatitis A, hepatitis B and hepatitis C. Hepatitis C is spread through infected blood and is the type of hepatitis that DOES NOT have a vaccine."

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

**Check\_HC2a.** If R ever tested for hepatitis C (HC1 EQ 1), go to HC2a. Else, go to INTRO\_HC5a.

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

**HardEdit\_HC2a.** If year of most recent hepatitis test after current year (RCHCTSTY GT IDATEY), Display: "**INTERVIEWER:** The year of the most recent hepatitis C test cannot be after the current year". Then, go back to HC2a. Else, go to HC2b.

[Give Respondent Flashcard W.]

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

|              |  |    |
|--------------|--|----|
| <b>HC2b.</b> | [READ choices.]                                |    |
| HCVTLOC      | Location of last HCV test                      |    |
|              | Doctor’s office, clinic, or health center..... | 1  |
|              | Hospital.....                                  | 2  |
|              | Jail, prison, or detention center.....         | 3  |
|              | Drug or alcohol treatment program.....         | 4  |
|              | Needle or syringe exchange program.....        | 5  |
|              | Other HIV/AIDS-focused organization.....       | 6  |
|              | Some other place.....                          | 7  |
|              | Don't Know.....                                | 99 |
|              | Refuse to Answer.....                          | 77 |

**Check\_HC2c.** If R does not report 'Other' (HC2b NE 7), go to HC3. Else, go to HC2c.

|              |  |   |
|--------------|--|---|
| <b>HC2c.</b> | <b>INTERVIEWER: Type in other location where respondent got the last hepatitis C test.</b> |   |
| SPECHCVT     | Other location where R got hepatitis C test  |   |
|              | -----  |   |
|              | {text response; max length = 100 characters}   |   |
|              | Refuse to Answer.....  | 7 |

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

**Check\_HC4a.** If R never told they had hepatitis C (HC3 NE 1), go to INTRO\_HC5a.. Else, go to HC4a.

[Give Respondent Flashcard X.]

**When were you told you had hepatitis C?**

|              |   |   |
|--------------|---|---|
| <b>HC4a.</b> | [READ choices.]                                   |   |
| WHENTHC      | When told had HCV                                 |   |
|              | 6 months ago or less.....                         | 0 |
|              | More than 6 months, but less than 1 year ago..... | 1 |
|              | At least 1 year but less than 5 years ago.....    | 2 |
|              | At least 5 years but less than 10 years ago.....  | 3 |
|              | 10 years ago or more.....                         | 4 |
|              | Don't Know.....                                   | 9 |
|              | Refuse to Answer.....                             | 7 |

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

**Sexually Transmitted Diseases**

**INTRO\_HC5a.** On one screen, DISPLAY: "READ: Now, I'm going to ask you some questions about sexually transmitted diseases, or STDs, other than HIV and hepatitis."  
  
On the next screen, DISPLAY: "READ: Has a doctor or other health care provider EVER told you that you had either of the following:  
  
[READ choices. CHECK YES or NO for each one.]"

|              |                               |   |
|--------------|-------------------------------|---|
| <b>HC5a.</b> | <b>Genital herpes?</b>        |   |
| EVRHERP      | Ever diagnosed genital herpes |   |
|              | No.....                       | 0 |
|              | Yes.....                      | 1 |
|              | Don't Know.....               | 9 |
|              | Refuse to Answer.....         | 7 |

|              |                              |   |
|--------------|------------------------------|---|
| <b>HC5b.</b> | <b>Genital warts?</b>        |   |
| EVREGWAR     | Ever diagnosed genital warts |   |
|              | No.....                      | 0 |
|              | Yes.....                     | 1 |
|              | Don't Know.....              | 9 |
|              | Refuse to Answer.....        | 7 |

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

**Check\_HC7.** If MSM cycle and R reported STD testing in past 12 months, (CYCLE EQ 1 AND HC6 EQ 1), go to HC7. Else, go to INTRO\_HC8a.

|             |  |   |
|-------------|--|---|
| <b>HC7.</b> | <b>In the past 12 months, did you have an anal or rectal STD test?</b> |   |
| RSTDTEST    | Rectal STD test past 12 months   |   |
|             | No.....  | 0 |
|             | Yes.....   | 1 |
|             | Don't Know.....  | 9 |
|             | Refuse to Answer.....  | 7 |

**INTRO\_HC8a.** DISPLAY: "READ: In the past 12 months, has a doctor or other health care provider told you that you had...  
[READ choices. CHECK YES or NO for each one.]"

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

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

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

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

**Check\_HC9b.** If R has received HPV vaccine (HC9a EQ 1), go to HC9b.  
Else, go to INTRO\_HC10a.

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

**HardEdit\_HC9b.** If age at first dose of vaccine is greater than R's age (HC9b GT AGE), DISPLAY: "**INTERVIEWER:** The age of first vaccination cannot be greater than respondent's current age, [fill with value for R's age (AGE)]." Then, go back to HC9b.  
Else, go to INTRO\_HC10a.

**Psychological Distress - Kessler-6 scale**

**INTRO\_HC10a.**    DISPLAY: [Give Respondent Flashcard Y.]

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

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

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

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

- HC10b.**                    [READ choices.]  
**FEELHOPE**                How often hopeless in past 30 days
- All of the time..... 0
  - Most of the time..... 1
  - Some of the time..... 2
  - A little of the time..... 3
  - None of the time..... 4
  - Don't Know..... 9
  - Refuse to Answer..... 7

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

- HC10c.**                    [READ choices.]  
**FEELREST**                How often restless in past 30 days
- All of the time..... 0
  - Most of the time..... 1
  - Some of the time..... 2
  - A little of the time..... 3
  - None of the time..... 4
  - Don't Know..... 9
  - Refuse to Answer..... 7

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

- HC10d.**                    [READ choices.]  
**FEELSAD**                How often sad/depressed in past 30 days
- All of the time..... 0
  - Most of the time..... 1
  - Some of the time..... 2
  - A little of the time..... 3
  - None of the time..... 4
  - Don't Know..... 9
  - Refuse to Answer..... 7

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

**HC10e.**  
FEELFRT

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

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

**HC10f.**  
FEELDOWN

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

**CALC\_ENDHC.**

**ENDHC**                      Time health conditions section  
ended    ENDHC = Current time

**END\_HC.**                      Go to Prevention Section (PA).



NHBS ROUND 6 QUESTIONNAIRE

PREVENTION ACTIVITIES (PA)

| Variables from prior section(s) used in this section of the questionnaire |            |               |  |
|---|------------|---------------|--|
| Section   | Question # | Variable name | Variable label                               |
| Preloaded Variables   | --         | CYCLE         | NHBS Cycle                                   |
| Injection Drug Use  | --         | LINJ12        | injected in last 12 months                   |
| Injection Drug Use  | ID8        | STERILE       | INJ Frequency used sterile needle- 12 months |
| Injection Drug Use  | --         | ENDID         | Time injection drug section ended            |
| Consent   | CN1        | CONSENTA      | Consent to survey                            |
| Eligibility Screener  | --         | EL_MSM        | Eligible: MSM cycle                          |
| Eligibility Screener  | --         | EL_IDU        | Eligible: IDU cycle                          |
| Eligibility Screener  | --         | EL_HET        | Eligible: HET cycle                          |
| Eligibility Screener  | --         | E_INJ12       | injected in last 12 months                   |
| HIV Testing in Jail   | --         | ENDJT         | Time HIV testing in jail section ended       |
| HIV Testing   | HT2        | EVERPOS       | Ever test positive for HIV                   |
| HIV Testing   | HT4c       | RCNTRST       | Result most recent HIV test                  |

**Universe\_PA.** All Eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) OR (CYCLE EQ 2 & EL IDU EQ 1) OR (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDJT is not missing).

**CALC\_BEGPA.**

**BEGPA** Time at beginning of PA section BEGPA = Current time

HIV Prevention Resources

**INTRO\_PA1a.** DISPLAY: "READ: Next I'd like to ask you about HIV prevention activities that happen around here."

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

COND12 Received free condoms past 12 mos

No..... 0

Yes..... 1

Don't Know..... 9

Refuse to Answer..... 7

**Check\_PA1b.** If R got free condoms (PA1a EQ 1) go to PA1b. Else, go to Check\_PA2a.

[Give Respondent Flashcard Z.]

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

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

FCON Location got free condoms

FCONA HIV/AIDS-focused organization

|       |  |    |
|-------|--|----|
| FCONB | Gay, lesbian, bisexual, transgender, or queer organization ..... |    |
| FCONC | Needle or syringe exchange program.....                          |    |
| FCOND | IDU outreach program .....                                       |    |
| FCONE | Doctor's office, health center, clinic or hospital.....          |    |
| FCONF | Drug or alcohol treatment center.....                            |    |
| FCONG | Bar, club, bookstore, or other business                          |    |
| FCONH | Other community organization                                     |    |
| FCONI | Some other place   |    |
|       | Don't Know.....  | 99 |
|       | Refuse to Answer.....  | 77 |

**Check\_PA2a.** If R injected in p 12m (LINJ12 EQ 1 OR E\_INJ12 EQ 1), go to PA2a. Else go to PA4a.

**PA2a.** **In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, have you gotten any new sterile needles? By new sterile needle, I mean no one - not even you - had ever used it before.**

|          |                              |   |
|----------|------------------------------|---|
| STLNDL12 | Got new sterile needles, 12m |   |
|          | No.....                      | 0 |
|          | Yes.....                     | 1 |
|          | Don't Know.....              | 9 |
|          | Refuse to Answer.....        | 7 |

**Check\_PA2b.** If R got new sterile needles (PA2a EQ 1), go to PA2b. Else, go to PA3a.

[Give Respondent Flashcard AA]

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

**PA2b.** [READ CHOICES. CHECK ALL that apply.]

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

**PA3a.** **In the past 12 months, have you gotten any other new injection supplies, such as cookers, cotton, or water?**

|          |                                  |   |
|----------|----------------------------------|---|
| KITS12R5 | Got new injection equipment, 12m |   |
|          | No.....                          | 0 |
|          | Yes.....                         | 1 |
|          | Don't Know.....                  | 9 |
|          | Refuse to Answer.....            | 7 |

**Check\_PA3b.** If R got new cookers, cotton, or water (PA3a EQ 1), go to PA3b. Else, go to PA4a.

**PA3b.** [Give Respondent Flashcard AA.]

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

[READ CHOICES. CHECK ALL that apply.]

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

**HIV Behavioral Interventions**

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

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

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

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

**Check\_INTRO\_PA5.** If R did not report ever testing HIV-positive (HT4c NE 2 and HT2 NE 1), go to INTRO\_PA5. Else, go to INTRO\_PA7.

**PrEP/PEP**

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

**INTRO\_PA5.** DISPLAY: "READ: The next questions are about the use of anti-HIV medicines, also called antiretrovirals. There are two ways that people who are HIV-negative can take anti-HIV medicines to reduce their risk of becoming infected."

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

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

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

PRPAWR PrEP, awareness

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

**Check\_PA6b.** If R has not heard of PrEP before today (PA6a NE 1), go to INTRO\_PA7.  
Else, go to PA6b.

**PA6b.** **In the past 12 months, have you had a discussion with a health care provider about taking PrEP?**

PRPDSC PrEP, discussed with HCP, 12m

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

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

PRPUS12M PrEP use, 12m (y/n)

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

**Check\_PA6d.** If R did not take PrEP, 12m (PA6c EQ 0), go to PA6d.  
If R reported using PrEP, 12m (PA6c EQ 1), go to Check\_PA6f.  
Else, go to CALC\_ENDPA.

**PA6d.** **In the past 12 months, did a health care provider prescribe PrEP for you?**

PRPPRSB PrEP, HCP prescribed, 12m

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

**Check\_PA6e.** If R received PrEP Rx, 12m (PA6d EQ 1), go to PA6e.  
Else, go to ENDPA.

**PA6e.** **Sometimes people are prescribed medications but later decide not to take them. Did you fill the PrEP prescription that the health care provider gave you?**

PRPFLPR PrEP, filled prescription, 12m

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

**Check\_PA6f.** If R took PrEP 12m (PA6c EQ 1), go to PA6f.  
Else, go to ENDPA.

**PA6f.** **When you took PrEP in the past 12 months, did you take it every day, almost every day, or less often?**

PRPFX12M PrEP use, frequency, 12m

|                       |   |
|-----------------------|---|
| Every day.....        | 2 |
| Almost every day..... | 1 |
| Less often.....       | 0 |
| Don't Know.....       | 9 |
| Refuse to Answer..... | 7 |

[Give Respondent Flashcard BB.]

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

|              |   |   |
|--------------|---|---|
| <b>PA6h.</b> | [READ choices. CHECK ALL that apply.]               |   |
| PRPSRC       | PrEP, sources, 12m                                  |   |
| PRPSRCA      | Prescription from a health care provider.....       |   |
| PRPSRCB      | Directly from a health care provider or clinic..... |   |
| PRPSRCC      | A friend or relative.....                           |   |
| PRPSRCD      | A person you have sex with.....                     |   |
| PRPSRCE      | A person you use drugs with.....                    |   |
| PRPSRCF      | Some other source.....                              |   |
|              | Don't Know.....                                     | 9 |
|              | Refuse to Answer.....                               | 7 |

**Check\_PA6i.** If R got PrEP from some other source (PRPSRCF EQ 1), go to PA6i.  
Else, go to INTRO\_PA7.

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

SPECPRS PrEP, sources, text

-----

{text response; max length = 100 characters}

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

**PA6j. When was the last time you took PrEP? That is, how many days, weeks, or months ago did you last take PrEP? [INTERVIEWER: If today, enter "0".]**

PRPLDN Time since last PrEP, number

\_\_\_

|                 |              |
|-----------------|--------------|
| Range.....      | 0.. 365..... |
| Don't Know..... | 999.....     |

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

**Check\_PA6k.** If R last took PrEP at least 1 day ago (PA6j GE 0 & LE 365), go to PA6k. Else, go to CALC\_PRP30D.

**PA6k.** [INTERVIEWER: Was this days, weeks, or months?]

PRPLDU Time since last PrEP, unit

Days.....0.....

Weeks.....1.....

Months.....2.....

**CALC\_PRP30D.**  
**PRP30D** Took PrEP in past 30 days  
 $PRP30D = IF((PRPLDN=0), 1, IF((PRPLDU=0 \& PRPLDN \leq 31), 1, IF((PRPLDU=1 \& PRPLDN \leq 5), 1, IF((PRPLDU=2 \& PRPLDN \leq 1), 1, 0))))$

**Check\_INTRO\_PA6I.** If R last took PrEP in past 30 days or 5 weeks or 1 month (PRP30D EQ 1), go to PA6I. Else, go to CALC\_ENDPA.

**INTRO\_PA6I.** DISPLAY: "A lot of people don't take medications exactly as they are supposed to, at least some of the time. We'd like to know about your experiences with PrEP."

**PA6I.** In the past 30 days, on how many days did you miss a dose of your PrEP medicine?

PRPLDN PrEP adherence, Days missed, 30 d

— — —

Range.....0-7.....

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

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

**CALC\_ENDPA.**  
**ENDPA** Time prevention activities section ended  
ENDPA = Current time

|   |
|---|
| <b>End_PA.</b> Go to Justice System Section (JS). |
|---|

**JUSTICE SYSTEM EXPERIENCES (JS)**

| 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>                    |
| Consent   | CN1               | CONSENTA             | Consent to survey                        |
| Eligibility Screener  | --                | EL_MSM               | Eligible: MSM cycle                      |
| Eligibility Screener  | --                | EL_IDU               | Eligible: IDU cycle                      |
| Eligibility Screener  | --                | EL_HET               | Eligible: HET cycle                      |
| Prevention Activities   | --                | ENDPA                | Time prevention activities section ended |

**Universe\_JS.** All eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDPA is not missing).

**CALC\_BEGJS.**

**BEGJS** Time at beginning of JS section  
 BEGJS = Current time

**INTRO\_JS1.** DISPLAY: "READ: Now I will ask you about experiences you may have had with the criminal justice system.."

**JS1.** **Have you ever been held in a detention center, jail, or prison for more than 24 hours?**  
 EVHELD Ever held or arrested

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

**Check\_JS1a.** If JS1 EQ 1, go to JS1a.  
 Else, go to CALC\_ENDJS.

**JS1a.** **During the past 12 months, that is, since [fill with interview month, formatted as text] of last year, have you been held in a detention center, jail, or prison for more than 24 hours?**  
 HELD12M Held or arrested past 12 months

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

**CALC\_ENDJS.**

**ENDJS** Time justice system experiences section ended  
 ENDJS = Current time

**End\_JS.** Go to Violence Section (VE).





**VIOLENCE (VE)**

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

**Universe\_VE.** All eligible Rs (CYCLE EQ 1 & EL\_MSM EQ 1) or (CYCLE EQ 2 & EL\_IDU EQ 1) or (CYCLE EQ 3 & EL\_HET EQ 1) who consent to interview (CN1 EQ 1) and completed prior section (ENDJS is not missing).

**CALC\_BEGVE.**

**BEGVE** Time at beginning of VE section      BEGVE = Current time

**INTRO\_VE1.** DISPLAY: "READ: Next, I would like to ask you about some difficult situations that may have happened to you."

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

PHVIO12M Physical violence, 12 mo

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

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

SXVIO12M Sexual violence, 12 mo

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

**CALC\_ENDVE.**

**ENDVE** Time violence section ended      ENDVE = Current time

**End\_VE.** Go to End of Survey Section (END).

NHBS ROUND 6 QUESTIONNAIRE

END OF SURVEY (END)

| Variables from prior section(s) used in this section of the questionnaire |            |               |                                      |
|---|------------|---------------|--------------------------------------|
| Section   | Question # | Variable name | Variable label                       |
| Prevention Activities   | 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(SXVIO12M=0 or SXVIO12M=1, 1, IF(C\_CMPLT=1, 1, 0))

**Check\_END2a.** If R did NOT consent to HIV test before interview (CN2 EQ 0), go to END2a.  
 Else, go to END5.

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

**END2a.** [DO NOT read choices.]  
 C\_T\_CNST Confirmation of HIV Testing Consent  
 No - Respondent DOES NOT want an HIV test..... 0

Yes - Respondent DOES want an HIV test..... 1

Check\_END2b. If R wants HIV test (END2a EQ 1), go to END2b. Else, go to END5.

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

Check\_END4. If R consented to HIV test after interview (END2b EQ 1), go to END4. Else, go to END5.

END4. Do you agree to let us store some of your blood for future testing?
CNSTSTG2 Revised Consent to Specimen Storage
No..... 0
Yes..... 1

Interviewer Assessment - Post-Interview

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

Check\_END5a. If Interviewer doubts validity of responses (END5 EQ 2 or 3), Go to END5a. Else, go to Check\_CALC\_RDS Recruiter Variables.

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

IDU Recruiter

CALC\_IDU\_RCTR.

|          |                             |   |
|----------|-----------------------------|---|
|          |                             | <p>If R is NOT a seed (ISEED EQ 0):<br/>                 If data are valid (VALIDITY EQ 1 or 2) &amp; complete (COMPLETE EQ 1), R selected to receive coupons (IDU_RCTR=1). Else, R is NOT to receive coupons (IDU_RCTR EQ=0).</p> <p>If R IS a seed (ISEED EQ 1):<br/>                 If R is male or female (GENDER EQ 1 or 2) &amp; data are valid (VALIDITY EQ 1 or 2) &amp; complete (COMPLETE EQ 1), R selected to receive coupons (IDU_RCTR =1). Else, R is NOT to receive coupons (IDU_RCTR= 0).</p> |
| IDU_RCTR | Eligible: IDU RDS Recruiter |   |

**Check\_CALC\_HET\_RCTR.**      Go to Check\_INTRO\_END6.

**HET Definition & HET Recruiter**

|                    |                             |   |
|--------------------|-----------------------------|---|
| <b>CALC_HHINLO</b> |                             |   |
| <b>HHINLO</b>      | Income range reported, min. | <p>If HHINCR6=0 , HHINLO=0;<br/>                 If HHINCR6=1 , HHINLO=5000;<br/>                 If HHINCR6=2 , HHINLO=10000;<br/>                 If HHINCR6=3 , HHINLO=12500;<br/>                 If HHINCR6=4 , HHINLO=15000;<br/>                 If HHINCR6=5 ,HHINLO=20000;<br/>                 If HHINCR6=6 , HHINLO=25000;<br/>                 If HHINCR6=7 , HHINLO=30000;<br/>                 If HHINCR6=8 , HHINLO=35000;<br/>                 If HHINCR6=9 , HHINLO=40000;<br/>                 If HHINCR6=10 , HHINLO=50000;<br/>                 If HHINCR6=11 , HHINLO=60000;<br/>                 If HHINCR6=12 , HHINLO=75000;<br/>                 If HHINCR6=13 , HHINLO=100000;<br/>                 If HHINCR6=(DK or REF) , HHINLO= .;</p> |

|                    |                             |  |
|--------------------|-----------------------------|--|
| <b>CALC_HHINHI</b> |                             |  |
| <b>HHINHI</b>      | Income range reported, max. | <p>If HHINCR6=0 , HHINHI=4999;<br/>                 If HHINCR6=1 , HHINHI=9999;<br/>                 If HHINCR6=2 , HHINHI=12499;<br/>                 If HHINCR6=3 , HHINHI=14999;<br/>                 If HHINCR6=4 , HHINHI=19999;<br/>                 If HHINCR6=5 , HHINHI=24999;<br/>                 If HHINCR6=6 , HHINHI=29999;<br/>                 If HHINCR6=7 , HHINHI=34999;<br/>                 If HHINCR6=8 , HHINHI=39999;<br/>                 If HHINCR6=9 , HHINHI=49999;<br/>                 If HHINCR6=10 , HHINHI=59999;<br/>                 If HHINCR6=11 ,HHINHI=74999;<br/>                 If HHINCR6=12 , HHINHI= 99999;<br/>                 If HHINCR6=13 , HHINHI= .;<br/>                 If HHINCR6= (DK or REF) , HHINHI= .;</p> |

|                    |                               |  |
|--------------------|-------------------------------|--|
| <b>CALC_HHSG18</b> |                               |  |
| <b>HHSGL18</b>     | DHHS Poverty Guidelines, 2018 | <p>If HET5 (2019):<br/>                 If DEPEND= SK , HHSGL18= .;<br/>                 If DEPEND= (DK, REF, or 1) , HHSGL18= 12140 ;<br/>                 If DEPEND=2 , HHSGL18= 16460 ;<br/>                 If DEPEND=3 , HHSGL18= 20780 ;<br/>                 If DEPEND=4 , HHSGL18= 25100 ;<br/>                 If DEPEND=5 , HHSGL18= 29420 ;<br/>                 If DEPEND=6 , HHSGL18= 33740 ;<br/>                 If DEPEND=7 , HHSGL18= 38060 ;</p> |

|                   |  |
|-------------------|--|
|                   | <p>If DEPEND=8 , HHSGL18= 42380 ;<br/>                 If DEPEND=9 , HHSGL18= 46700 ;<br/>                 If DEPEND=10 , HHSGL18= 51020 ;<br/>                 If DEPEND=11 , HHSGL18= 55340 ;<br/>                 If DEPEND=12 , HHSGL18= 59660 ;<br/>                 If DEPEND=13 , HHSGL18= 63980 ;<br/>                 If DEPEND=14 , HHSGL18= 68300 ;<br/>                 If DEPEND=15 , HHSGL18= 72620 ;<br/>                 If DEPEND=16 , HHSGL18= 76940 ;<br/>                 If DEPEND=17 , HHSGL18= 81260 ;<br/>                 If DEPEND=18 , HHSGL18= 85580 ;<br/>                 If DEPEND=19 , HHSGL18= 89900 ;<br/>                 If DEPEND=20 , HHSGL18= 94220 ;</p> |
| <b>Notes:</b>     | Variable name, label, calculation, and reference are updated when new DHHS poverty guidelines applicable to the next HET cycle are released.   |
| <b>Reference:</b> | US Department of Health and Human Services. Annual Update of the HHS Poverty Guidelines. Federal Register; 2018. Available at: <a href="https://www.govinfo.gov/content/pkg/FR-2018-01-18/pdf/2018-00814.pdf">https://www.govinfo.gov/content/pkg/FR-2018-01-18/pdf/2018-00814.pdf</a> . Accessed September 12, 2018.  |

|                      |   |   |
|----------------------|---|---|
| <b>CALC_HHS15018</b> |   |   |
| <b>HHS15018</b>      | 150% HHS Guideline for # dependents, 2018 | If HET5 (2019), HHS15018= HHSGL18* 1.50 ;<br>Else, HHS15018 = . ; |

|                     |                                 |   |
|---------------------|---------------------------------|---|
| <b>CALC_LIMLT18</b> |                                 |   |
| <b>LIMLT18</b>      | MSA Low income multiplier, 2018 | <p>If HET5 (2019):<br/>                 If Memphis or San Juan (CITY= 12 or 23), LIMLT18= 1.0.</p> <p>If Atlanta, Chicago, Dallas, Detroit, Houston, New Orleans, Norfolk, or Portland (CITY= 1, 4, 5, 7, 9, 15, 17, or 19), LIMLT18= 1.1.</p> <p>If Baltimore, Denver, Miami, Philadelphia, or Seattle (CITY= 2, 6, 11, 18, or 24), LIMLT18= 1.2.</p> <p>If Boston, Nassau, Newark, or New York City (CITY= 3, 13, 14, or 16), LIMLT18= 1.3.</p> <p>If Los Angeles, San Diego, or Washington DC (CITY=10, 21, or 25), LIMLT18= 1.4.</p> <p>If San Francisco (CITY=22) LIMLT18= 1.5.</p>  |
| <b>Notes:</b>       |                                 | <p>Weight to adjust for geographic differences in cost of living. Calculated as the ratio of the Metropolitan Statistical Area Supplemental Poverty Measure threshold for 2-adult 2-children families (renters) to the Official Poverty Measure threshold for 2 adult 2 children families.</p> <p>Variable name, label, calculation, and references are updated when new Census poverty thresholds applicable to the next HET cycle are released.</p>   |
| <b>References:</b>  |                                 | <p>US Census Bureau table of Poverty Thresholds for 2017 by Size of Family and Number of Children. Available at: <a href="https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-thresholds.html">https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-poverty-thresholds.html</a>. Accessed September 12, 2018.</p> <p>US Census Bureau table of Supplemental Poverty Thresholds by Metro Area for 2017. Available at: <a href="https://www.census.gov/content/census/en/library/publications/2018/demo/p60-265.html">https://www.census.gov/content/census/en/library/publications/2018/demo/p60-265.html</a>. Accessed September 12, 2018.</p> |

|                    |                            |  |
|--------------------|----------------------------|--|
| <b>CALC_LITH18</b> |                            |  |
| <b>LITH18</b>      | Low income threshold, 2018 | If HET5 (2019), LITH18= HHS15018*LIMLT18 ;<br>Else, LITH18 = . ; |

|                      |                         |  |
|----------------------|-------------------------|--|
| <b>CALC_LOWINC18</b> |                         |  |
| <b>LOWINC18</b>      | Low income status, 2018 | If HET5 (2019):<br>If HHINCOM in(DK, REF, or SK), LOWINC18=. ;<br>Else if 0 LE HHINLO LE LITH18 LE HHINHI, LOWINC18 = 1 ;<br>Else if 0 LT HHINHI LE LITH18, LOWINC18 = 1 ;<br>Else if HHINLO GT LITH18 GT 0, LOWINC18 = 0 ;<br>Else, LOWINC18 = . ;<br>If data collection year NE 2019, LOWINC18 = . ; |

|                        |                   |                       |
|------------------------|-------------------|-----------------------|
| <b>CALC_LOWINC_DCC</b> |                   |                       |
| <b>LOWINC_DCC</b>      | Low income status | LOWINC_DCC = LOWINC18 |

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

|                        |                               |                       |
|------------------------|-------------------------------|-----------------------|
| <b>CALC_HETDEF_DCC</b> |                               |                       |
| <b>HETDEF_DCC</b>      | HET Definition for DCC portal | HETDEF_DCC = HETDEFR5 |

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

|                          |                              |                           |
|--------------------------|------------------------------|---------------------------|
| <b>CALC_HET_RCTR_DCC</b> |                              |                           |
| <b>HET_RCTR_DCC</b>      | HET Recruiter for DCC portal | HET_RCTR_DCC = HET_RCTRR5 |

|                          |  |  |
|--------------------------|--|--|
| <b>Check_INTRO_END6.</b> | If RDS cycle & R IS eligible to recruit (CYCLE EQ 2 & IDU_RCTR EQ 1), or (CYCLE EQ 3 & HET_RCTRR5 EQ 1), DISPLAY: "The computer SELECTED this respondent to recruit others and receive coupons." Then, go to END6.<br><br>If RDS cycle & R NOT eligible to recruit (CYCLE EQ 2 & IDU_RCTR EQ 0) or (CYCLE EQ 3 & HET_RCTRR5 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.** INTERVIEWER: Do you have any comments to add?  
INTCOMM Interviewer Comments  
No..... 0  
Yes..... 1

**Check\_END7.** If interviewer has comments (END6 EQ 1), go to END7.  
Else, go to CALC\_END.

**END7.** Enter interviewer comments  
INTTXT 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 6 QUESTIONNAIRE**

**FLASHCARDS & CALENDARS**

## **FLASHCARD A**

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

## **FLASHCARD B**

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

### **FLASHCARD C**

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

### **FLASHCARD D**

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

**FLASHCARD E**

| <b>MONTHLY Income</b> | <b>OR</b> | <b>YEARLY Income</b>    |
|-----------------------|-----------|-------------------------|
| A. \$0 to \$416       | or        | A. \$0 to \$4,999       |
| B. \$417 to \$833     | or        | B. \$5,000 to \$9,999   |
| C. \$834 to \$1,041   | or        | C. \$10,000 to \$12,499 |
| D. \$1,042 to \$1,249 | or        | D. \$12,500 to \$14,999 |
| E. \$1,250 to \$1,666 | or        | E. \$15,000 to \$19,999 |
| F. \$1,667 to \$2,083 | or        | F. \$20,000 to \$24,999 |
| G. \$2,084 to \$2,499 | or        | G. \$25,000 to \$29,999 |
| H. \$2,500 to \$2,916 | or        | H. \$30,000 to \$34,999 |
| I. \$2,917 to \$3,333 | or        | I. \$35,000 to \$39,999 |
| J. \$3,334 to \$4,166 | or        | J. \$40,000 to \$49,999 |
| K. \$4,167 to \$4,999 | or        | K. \$50,000 to \$59,999 |
| L. \$5,000 to \$6,249 | or        | L. \$60,000 to \$74,999 |
| M. \$6,250 to \$8332  | or        | M. \$75,000 to \$99,999 |
| N. \$8333 or more     | or        | N. \$100,000 or more    |

### **FLASHCARD F**

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



## **FLASHCARD G**

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

## **FLASHCARD H**

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

## **FLASHCARD I**

### **Definition of "Having Sex"**

***Oral, vaginal, or anal sex.***

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

## **FLASHCARD 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 Q**  
**FOR USE WITH ALCOHOL QUESTIONS**



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



**1 Regular Beer**  
12 oz.



**1 Glass of Wine**  
5 oz.

## FLASHCARD R

Syringe with a needle that can be removed



## **FLASHCARD S**

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

## **FLASHCARD T**

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

### **FLASHCARD V**

- Below the level of detection, undetectable
- Detectable but less than 5,000 viral copies/ml
- 5,000 to 100,000 viral copies/ml
- Greater than 100,000 viral copies/ml

## **FLASHCARD W**

- Doctor's office, clinic, or health center
- Hospital
- Jail, prison, or detention center
- Drug or alcohol treatment program
- Needle or syringe exchange program
- Other HIV/AIDS-focused organization
- Some other place

## **FLASHCARD X**

- 6 months ago or less
- More than 6 months, but less than 1 year ago
- At least one year but less than 5 years ago
- At least 5 years but less than 10 years ago
- 10 years ago or more



## **FLASHCARD Y**

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

## FLASHCARD Z

- HIV/AIDS-focused organization
- Gay, lesbian, bisexual, transgender, or queer organization
- Needle or syringe exchange program
- IDU outreach program
- Doctor's office, health center, clinic or hospital
- Drug or alcohol treatment center
- Bar, club, bookstore, or other business
- Other community organization
- Some other place

## **FLASHCARD AA**

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

**FLASHCARD BB**

- Prescription from a health care provider
- Directly from a health care provider or clinic
- A friend or relative
- A person you have sex with
- A person you use drugs with
- Some other source

**2020 CALENDAR**

**2019**

| January '19 |    |    |    |    |    |    | February '19 |    |    |    |    |    |    | March '19 |    |    |    |    |    |    | April '19 |    |    |    |    |    |    |   |
|-------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|---|
| S           | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  | S         | M  | T  | W  | T  | F  | S  | S         | M  | T  | W  | T  | F  | S  |   |
|             |    | 1  | 2  | 3  | 4  | 5  |              |    |    |    |    | 1  | 2  |           |    |    |    |    | 1  | 2  |           |    | 1  | 2  | 3  | 4  | 5  | 6 |
| 6           | 7  | 8  | 9  | 10 | 11 | 12 | 3            | 4  | 5  | 6  | 7  | 8  | 9  | 3         | 4  | 5  | 6  | 7  | 8  | 9  | 7         | 8  | 9  | 10 | 11 | 12 | 13 |   |
| 13          | 14 | 15 | 16 | 17 | 18 | 19 | 10           | 11 | 12 | 13 | 14 | 15 | 16 | 10        | 11 | 12 | 13 | 14 | 15 | 16 | 14        | 15 | 16 | 17 | 18 | 19 | 20 |   |
| 20          | 21 | 22 | 23 | 24 | 25 | 26 | 17           | 18 | 19 | 20 | 21 | 22 | 23 | 17        | 18 | 19 | 20 | 21 | 22 | 23 | 21        | 22 | 23 | 24 | 25 | 26 | 27 |   |
| 27          | 28 | 29 | 30 | 31 |    |    | 24           | 25 | 26 | 27 | 28 |    |    | 24        | 25 | 26 | 27 | 28 | 29 | 30 | 28        | 29 | 30 |    |    |    |    |   |
|             |    |    |    |    |    |    |              |    |    |    |    |    |    |           |    |    |    |    |    |    |           |    |    |    |    |    |    |   |

  

| May '19 |    |    |    |    |    |    | June '19 |    |    |    |    |    |    | July '19 |    |    |    |    |    |    | August '19 |    |    |    |    |    |    |
|---------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|------------|----|----|----|----|----|----|
| S       | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S          | M  | T  | W  | T  | F  | S  |
|         |    |    | 1  | 2  | 3  | 4  |          |    |    |    |    | 1  |    | 1        | 2  | 3  | 4  | 5  | 6  |    |            |    |    | 1  | 2  | 3  |    |
| 5       | 6  | 7  | 8  | 9  | 10 | 11 | 2        | 3  | 4  | 5  | 6  | 7  | 8  | 7        | 8  | 9  | 10 | 11 | 12 | 13 | 4          | 5  | 6  | 7  | 8  | 9  | 10 |
| 12      | 13 | 14 | 15 | 16 | 17 | 18 | 9        | 10 | 11 | 12 | 13 | 14 | 15 | 14       | 15 | 16 | 17 | 18 | 19 | 20 | 11         | 12 | 13 | 14 | 15 | 16 | 17 |
| 19      | 20 | 21 | 22 | 23 | 24 | 25 | 16       | 17 | 18 | 19 | 20 | 21 | 22 | 21       | 22 | 23 | 24 | 25 | 26 | 27 | 18         | 19 | 20 | 21 | 22 | 23 | 24 |
| 26      | 27 | 28 | 29 | 30 | 31 |    | 23       | 24 | 25 | 26 | 27 | 28 | 29 | 28       | 29 | 30 | 31 |    |    |    | 25         | 26 | 27 | 28 | 29 | 30 | 31 |
|         |    |    |    |    |    |    | 30       |    |    |    |    |    |    |          |    |    |    |    |    |    |            |    |    |    |    |    |    |

  

| September '19 |    |    |    |    |    |    | October '19 |    |    |    |    |    |    | November '19 |    |    |    |    |    |    | December '19 |    |    |    |    |    |    |
|---------------|----|----|----|----|----|----|-------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|
| S             | M  | T  | W  | T  | F  | S  | S           | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  |
| 1             | 2  | 3  | 4  | 5  | 6  | 7  |             |    | 1  | 2  | 3  | 4  | 5  |              |    |    |    |    | 1  | 2  | 1            | 2  | 3  | 4  | 5  | 6  | 7  |
| 8             | 9  | 10 | 11 | 12 | 13 | 14 | 6           | 7  | 8  | 9  | 10 | 11 | 12 | 3            | 4  | 5  | 6  | 7  | 8  | 9  | 8            | 9  | 10 | 11 | 12 | 13 | 14 |
| 15            | 16 | 17 | 18 | 19 | 20 | 21 | 13          | 14 | 15 | 16 | 17 | 18 | 19 | 10           | 11 | 12 | 13 | 14 | 15 | 16 | 15           | 16 | 17 | 18 | 19 | 20 | 21 |
| 22            | 23 | 24 | 25 | 26 | 27 | 28 | 20          | 21 | 22 | 23 | 24 | 25 | 26 | 17           | 18 | 19 | 20 | 21 | 22 | 23 | 22           | 23 | 24 | 25 | 26 | 27 | 28 |
| 29            | 30 |    |    |    |    |    | 27          | 28 | 29 | 30 | 31 |    |    | 24           | 25 | 26 | 27 | 28 | 29 | 30 | 29           | 30 | 31 |    |    |    |    |
|               |    |    |    |    |    |    |             |    |    |    |    |    |    |              |    |    |    |    |    |    |              |    |    |    |    |    |    |

**2020**

| January '20 |    |    |    |    |    |    | February '20 |    |    |    |    |    |    | March '20 |    |    |    |    |    |    | April '20 |    |    |    |    |    |    |
|-------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|
| S           | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  | S         | M  | T  | W  | T  | F  | S  | S         | M  | T  | W  | T  | F  | S  |
|             |    | 1  | 2  | 3  | 4  |    |              |    |    |    |    | 1  | 1  | 2         | 3  | 4  | 5  | 6  | 7  |    |           |    | 1  | 2  | 3  | 4  |    |
| 5           | 6  | 7  | 8  | 9  | 10 | 11 | 2            | 3  | 4  | 5  | 6  | 7  | 8  | 8         | 9  | 10 | 11 | 12 | 13 | 14 | 5         | 6  | 7  | 8  | 9  | 10 | 11 |
| 12          | 13 | 14 | 15 | 16 | 17 | 18 | 9            | 10 | 11 | 12 | 13 | 14 | 15 | 15        | 16 | 17 | 18 | 19 | 20 | 21 | 12        | 13 | 14 | 15 | 16 | 17 | 18 |
| 19          | 20 | 21 | 22 | 23 | 24 | 25 | 16           | 17 | 18 | 19 | 20 | 21 | 22 | 22        | 23 | 24 | 25 | 26 | 27 | 28 | 19        | 20 | 21 | 22 | 23 | 24 | 25 |
| 26          | 27 | 28 | 29 | 30 | 31 |    | 23           | 24 | 25 | 26 | 27 | 28 | 29 | 29        | 30 | 31 |    |    |    |    | 26        | 27 | 28 | 29 | 30 |    |    |
|             |    |    |    |    |    |    |              |    |    |    |    |    |    |           |    |    |    |    |    |    |           |    |    |    |    |    |    |

  

| May '20 |    |    |    |    |    |    | June '20 |    |    |    |    |    |    | July '20 |    |    |    |    |    |    | August '20 |    |    |    |    |    |    |
|---------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|------------|----|----|----|----|----|----|
| S       | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S          | M  | T  | W  | T  | F  | S  |
|         |    |    |    | 1  | 2  |    |          | 1  | 2  | 3  | 4  | 5  | 6  |          |    | 1  | 2  | 3  | 4  |    |            |    |    |    | 1  |    |    |
| 3       | 4  | 5  | 6  | 7  | 8  | 9  | 7        | 8  | 9  | 10 | 11 | 12 | 13 | 5        | 6  | 7  | 8  | 9  | 10 | 11 | 2          | 3  | 4  | 5  | 6  | 7  | 8  |
| 10      | 11 | 12 | 13 | 14 | 15 | 16 | 14       | 15 | 16 | 17 | 18 | 19 | 20 | 12       | 13 | 14 | 15 | 16 | 17 | 18 | 9          | 10 | 11 | 12 | 13 | 14 | 15 |
| 17      | 18 | 19 | 20 | 21 | 22 | 23 | 21       | 22 | 23 | 24 | 25 | 26 | 27 | 19       | 20 | 21 | 22 | 23 | 24 | 25 | 16         | 17 | 18 | 19 | 20 | 21 | 22 |
| 24      | 25 | 26 | 27 | 28 | 29 | 30 | 28       | 29 | 30 |    |    |    |    | 26       | 27 | 28 | 29 | 30 | 31 | 23 | 24         | 25 | 26 | 27 | 28 | 29 |    |
| 31      |    |    |    |    |    |    |          |    |    |    |    |    |    |          |    |    |    |    |    |    | 30         | 31 |    |    |    |    |    |
|         |    |    |    |    |    |    |          |    |    |    |    |    |    |          |    |    |    |    |    |    |            |    |    |    |    |    |    |

  

| September '20 |    |    |    |    |    |    | October '20 |    |    |    |    |    |    | November '20 |    |    |    |    |    |    | December '20 |    |    |    |    |    |    |
|---------------|----|----|----|----|----|----|-------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|
| S             | M  | T  | W  | T  | F  | S  | S           | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  |
|               |    | 1  | 2  | 3  | 4  | 5  |             |    |    | 1  | 2  | 3  | 1  | 2            | 3  | 4  | 5  | 6  | 7  |    |              | 1  | 2  | 3  | 4  | 5  |    |
| 6             | 7  | 8  | 9  | 10 | 11 | 12 | 4           | 5  | 6  | 7  | 8  | 9  | 10 | 8            | 9  | 10 | 11 | 12 | 13 | 14 | 6            | 7  | 8  | 9  | 10 | 11 | 12 |
| 13            | 14 | 15 | 16 | 17 | 18 | 19 | 11          | 12 | 13 | 14 | 15 | 16 | 17 | 15           | 16 | 17 | 18 | 19 | 20 | 21 | 13           | 14 | 15 | 16 | 17 | 18 | 19 |
| 20            | 21 | 22 | 23 | 24 | 25 | 26 | 18          | 19 | 20 | 21 | 22 | 23 | 24 | 22           | 23 | 24 | 25 | 26 | 27 | 28 | 20           | 21 | 22 | 23 | 24 | 25 | 26 |
| 27            | 28 | 29 | 30 |    |    |    | 25          | 26 | 27 | 28 | 29 | 30 | 31 | 29           | 30 |    |    |    |    |    | 27           | 28 | 29 | 30 | 31 |    |    |
|               |    |    |    |    |    |    |             |    |    |    |    |    |    |              |    |    |    |    |    |    |              |    |    |    |    |    |    |

**2021 CALENDAR**

**2020**

| January '20 |    |    |    |    |    |    |
|-------------|----|----|----|----|----|----|
| S           | M  | T  | W  | T  | F  | S  |
|             |    |    | 1  | 2  | 3  | 4  |
| 5           | 6  | 7  | 8  | 9  | 10 | 11 |
| 12          | 13 | 14 | 15 | 16 | 17 | 18 |
| 19          | 20 | 21 | 22 | 23 | 24 | 25 |
| 26          | 27 | 28 | 29 | 30 | 31 |    |

| February '20 |    |    |    |    |    |    |
|--------------|----|----|----|----|----|----|
| S            | M  | T  | W  | T  | F  | S  |
|              |    |    |    |    |    | 1  |
| 2            | 3  | 4  | 5  | 6  | 7  | 8  |
| 9            | 10 | 11 | 12 | 13 | 14 | 15 |
| 16           | 17 | 18 | 19 | 20 | 21 | 22 |
| 23           | 24 | 25 | 26 | 27 | 28 | 29 |

| March '20 |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|
| S         | M  | T  | W  | T  | F  | S  |
| 1         | 2  | 3  | 4  | 5  | 6  | 7  |
| 8         | 9  | 10 | 11 | 12 | 13 | 14 |
| 15        | 16 | 17 | 18 | 19 | 20 | 21 |
| 22        | 23 | 24 | 25 | 26 | 27 | 28 |
| 29        | 30 | 31 |    |    |    |    |

| April '20 |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|
| S         | M  | T  | W  | T  | F  | S  |
|           |    |    | 1  | 2  | 3  | 4  |
| 5         | 6  | 7  | 8  | 9  | 10 | 11 |
| 12        | 13 | 14 | 15 | 16 | 17 | 18 |
| 19        | 20 | 21 | 22 | 23 | 24 | 25 |
| 26        | 27 | 28 | 29 | 30 |    |    |

| May '20 |    |    |    |    |    |    |
|---------|----|----|----|----|----|----|
| S       | M  | T  | W  | T  | F  | S  |
|         |    |    |    |    | 1  | 2  |
| 3       | 4  | 5  | 6  | 7  | 8  | 9  |
| 10      | 11 | 12 | 13 | 14 | 15 | 16 |
| 17      | 18 | 19 | 20 | 21 | 22 | 23 |
| 24      | 25 | 26 | 27 | 28 | 29 | 30 |
| 31      |    |    |    |    |    |    |

| June '20 |    |    |    |    |    |    |
|----------|----|----|----|----|----|----|
| S        | M  | T  | W  | T  | F  | S  |
|          |    | 1  | 2  | 3  | 4  | 5  |
| 6        | 7  | 8  | 9  | 10 | 11 | 12 |
| 13       | 14 | 15 | 16 | 17 | 18 | 19 |
| 20       | 21 | 22 | 23 | 24 | 25 | 26 |
| 27       | 28 | 29 | 30 |    |    |    |

| July '20 |    |    |    |    |    |    |
|----------|----|----|----|----|----|----|
| S        | M  | T  | W  | T  | F  | S  |
|          |    |    | 1  | 2  | 3  | 4  |
| 5        | 6  | 7  | 8  | 9  | 10 | 11 |
| 12       | 13 | 14 | 15 | 16 | 17 | 18 |
| 19       | 20 | 21 | 22 | 23 | 24 | 25 |
| 26       | 27 | 28 | 29 | 30 | 31 |    |

| August '20 |    |    |    |    |    |    |
|------------|----|----|----|----|----|----|
| S          | M  | T  | W  | T  | F  | S  |
|            |    |    |    |    |    | 1  |
| 2          | 3  | 4  | 5  | 6  | 7  | 8  |
| 9          | 10 | 11 | 12 | 13 | 14 | 15 |
| 16         | 17 | 18 | 19 | 20 | 21 | 22 |
| 23         | 24 | 25 | 26 | 27 | 28 | 29 |
| 30         | 31 |    |    |    |    |    |

| September '20 |    |    |    |    |    |    |
|---------------|----|----|----|----|----|----|
| S             | M  | T  | W  | T  | F  | S  |
|               |    |    | 1  | 2  | 3  | 4  |
| 5             | 6  | 7  | 8  | 9  | 10 | 11 |
| 12            | 13 | 14 | 15 | 16 | 17 | 18 |
| 19            | 20 | 21 | 22 | 23 | 24 | 25 |
| 26            | 27 | 28 | 29 | 30 |    |    |

| October '20 |    |    |    |    |    |    |
|-------------|----|----|----|----|----|----|
| S           | M  | T  | W  | T  | F  | S  |
|             |    |    |    |    | 1  | 2  |
| 3           | 4  | 5  | 6  | 7  | 8  | 9  |
| 10          | 11 | 12 | 13 | 14 | 15 | 16 |
| 17          | 18 | 19 | 20 | 21 | 22 | 23 |
| 24          | 25 | 26 | 27 | 28 | 29 | 30 |
| 31          |    |    |    |    |    |    |

| November '20 |    |    |    |    |    |    |
|--------------|----|----|----|----|----|----|
| S            | M  | T  | W  | T  | F  | S  |
| 1            | 2  | 3  | 4  | 5  | 6  | 7  |
| 8            | 9  | 10 | 11 | 12 | 13 | 14 |
| 15           | 16 | 17 | 18 | 19 | 20 | 21 |
| 22           | 23 | 24 | 25 | 26 | 27 | 28 |
| 29           | 30 |    |    |    |    |    |

| December '20 |    |    |    |    |    |    |
|--------------|----|----|----|----|----|----|
| S            | M  | T  | W  | T  | F  | S  |
|              |    |    | 1  | 2  | 3  | 4  |
| 5            | 6  | 7  | 8  | 9  | 10 | 11 |
| 12           | 13 | 14 | 15 | 16 | 17 | 18 |
| 19           | 20 | 21 | 22 | 23 | 24 | 25 |
| 26           | 27 | 28 | 29 | 30 | 31 |    |

**2021**

| January '21 |    |    |    |    |    |    |
|-------------|----|----|----|----|----|----|
| S           | M  | T  | W  | T  | F  | S  |
|             |    |    |    |    | 1  | 2  |
| 3           | 4  | 5  | 6  | 7  | 8  | 9  |
| 10          | 11 | 12 | 13 | 14 | 15 | 16 |
| 17          | 18 | 19 | 20 | 21 | 22 | 23 |
| 24          | 25 | 26 | 27 | 28 | 29 | 30 |
| 31          |    |    |    |    |    |    |

| February '21 |    |    |    |    |    |    |
|--------------|----|----|----|----|----|----|
| S            | M  | T  | W  | T  | F  | S  |
|              |    | 1  | 2  | 3  | 4  | 5  |
| 6            | 7  | 8  | 9  | 10 | 11 | 12 |
| 13           | 14 | 15 | 16 | 17 | 18 | 19 |
| 20           | 21 | 22 | 23 | 24 | 25 | 26 |
| 27           | 28 |    |    |    |    |    |

| March '21 |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|
| S         | M  | T  | W  | T  | F  | S  |
|           |    | 1  | 2  | 3  | 4  | 5  |
| 6         | 7  | 8  | 9  | 10 | 11 | 12 |
| 13        | 14 | 15 | 16 | 17 | 18 | 19 |
| 20        | 21 | 22 | 23 | 24 | 25 | 26 |
| 27        | 28 | 29 | 30 | 31 |    |    |

| April '21 |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|
| S         | M  | T  | W  | T  | F  | S  |
|           |    |    |    |    | 1  | 2  |
| 3         | 4  | 5  | 6  | 7  | 8  | 9  |
| 10        | 11 | 12 | 13 | 14 | 15 | 16 |
| 17        | 18 | 19 | 20 | 21 | 22 | 23 |
| 24        | 25 | 26 | 27 | 28 | 29 | 30 |

| May '21 |    |    |    |    |    |    |
|---------|----|----|----|----|----|----|
| S       | M  | T  | W  | T  | F  | S  |
|         |    |    |    |    |    | 1  |
| 2       | 3  | 4  | 5  | 6  | 7  | 8  |
| 9       | 10 | 11 | 12 | 13 | 14 | 15 |
| 16      | 17 | 18 | 19 | 20 | 21 | 22 |
| 23      | 24 | 25 | 26 | 27 | 28 | 29 |
| 30      | 31 |    |    |    |    |    |

| June '21 |    |    |    |    |    |    |
|----------|----|----|----|----|----|----|
| S        | M  | T  | W  | T  | F  | S  |
|          |    | 1  | 2  | 3  | 4  | 5  |
| 6        | 7  | 8  | 9  | 10 | 11 | 12 |
| 13       | 14 | 15 | 16 | 17 | 18 | 19 |
| 20       | 21 | 22 | 23 | 24 | 25 | 26 |
| 27       | 28 | 29 | 30 |    |    |    |

| July '21 |    |    |    |    |    |    |
|----------|----|----|----|----|----|----|
| S        | M  | T  | W  | T  | F  | S  |
|          |    |    |    |    | 1  | 2  |
| 3        | 4  | 5  | 6  | 7  | 8  | 9  |
| 10       | 11 | 12 | 13 | 14 | 15 | 16 |
| 17       | 18 | 19 | 20 | 21 | 22 | 23 |
| 24       | 25 | 26 | 27 | 28 | 29 | 30 |
| 31       |    |    |    |    |    |    |

| August '21 |    |    |    |    |    |    |
|------------|----|----|----|----|----|----|
| S          | M  | T  | W  | T  | F  | S  |
|            |    | 1  | 2  | 3  | 4  | 5  |
| 6          | 7  | 8  | 9  | 10 | 11 | 12 |
| 13         | 14 | 15 | 16 | 17 | 18 | 19 |
| 20         | 21 | 22 | 23 | 24 | 25 | 26 |
| 27         | 28 | 29 | 30 | 31 |    |    |

| September '21 |    |    |    |    |    |    |
|---------------|----|----|----|----|----|----|
| S             | M  | T  | W  | T  | F  | S  |
|               |    |    | 1  | 2  | 3  | 4  |
| 5             | 6  | 7  | 8  | 9  | 10 | 11 |
| 12            | 13 | 14 | 15 | 16 | 17 | 18 |
| 19            | 20 | 21 | 22 | 23 | 24 | 25 |
| 26            | 27 | 28 | 29 | 30 |    |    |

| October '21 |    |    |    |    |    |    |
|-------------|----|----|----|----|----|----|
| S           | M  | T  | W  | T  | F  | S  |
|             |    |    |    |    | 1  | 2  |
| 3           | 4  | 5  | 6  | 7  | 8  | 9  |
| 10          | 11 | 12 | 13 | 14 | 15 | 16 |
| 17          | 18 | 19 | 20 | 21 | 22 | 23 |
| 24          | 25 | 26 | 27 | 28 | 29 | 30 |

| November '21 |    |    |    |    |    |    |
|--------------|----|----|----|----|----|----|
| S            | M  | T  | W  | T  | F  | S  |
|              |    | 1  | 2  | 3  | 4  | 5  |
| 6            | 7  | 8  | 9  | 10 | 11 | 12 |
| 13           | 14 | 15 | 16 | 17 | 18 | 19 |
| 20           | 21 | 22 | 23 | 24 | 25 | 26 |
| 27           | 28 | 29 | 30 |    |    |    |

| December '21 |    |    |    |    |    |    |
|--------------|----|----|----|----|----|----|
| S            | M  | T  | W  | T  | F  | S  |
|              |    |    | 1  | 2  | 3  | 4  |
| 5            | 6  | 7  | 8  | 9  | 10 | 11 |
| 12           | 13 | 14 | 15 | 16 | 17 | 18 |
| 19           | 20 | 21 | 22 | 23 | 24 | 25 |
| 26           | 27 | 28 | 29 | 30 | 31 |    |

# 2022 CALENDAR

## 2021

| January '21 |    |    |    |    |    |    | February '21 |    |    |    |    |    |    | March '21 |    |    |    |    |    |    | April '21 |    |    |    |    |    |    |
|-------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|
| S           | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  | S         | M  | T  | W  | T  | F  | S  | S         | M  | T  | W  | T  | F  | S  |
|             |    |    |    |    | 1  | 2  | 1            | 2  | 3  | 4  | 5  | 6  | 1  | 2         | 3  | 4  | 5  | 6  |    |    |           |    | 1  | 2  | 3  |    |    |
| 3           | 4  | 5  | 6  | 7  | 8  | 9  | 7            | 8  | 9  | 10 | 11 | 12 | 13 | 7         | 8  | 9  | 10 | 11 | 12 | 13 | 4         | 5  | 6  | 7  | 8  | 9  | 10 |
| 10          | 11 | 12 | 13 | 14 | 15 | 16 | 14           | 15 | 16 | 17 | 18 | 19 | 20 | 14        | 15 | 16 | 17 | 18 | 19 | 20 | 11        | 12 | 13 | 14 | 15 | 16 | 17 |
| 17          | 18 | 19 | 20 | 21 | 22 | 23 | 21           | 22 | 23 | 24 | 25 | 26 | 27 | 21        | 22 | 23 | 24 | 25 | 26 | 27 | 18        | 19 | 20 | 21 | 22 | 23 | 24 |
| 24          | 25 | 26 | 27 | 28 | 29 | 30 | 28           | 28 | 29 | 30 | 31 | 25 | 26 | 27        | 28 | 29 | 30 |    |    |    |           |    |    |    |    |    |    |
| 31          |    |    |    |    |    |    |              |    |    |    |    |    |    |           |    |    |    |    |    |    |           |    |    |    |    |    |    |

  

| May '21 |    |    |    |    |    |    | June '21 |    |    |    |    |    |    | July '21 |    |    |    |    |    |    | August '21 |    |    |    |    |    |    |
|---------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|------------|----|----|----|----|----|----|
| S       | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S          | M  | T  | W  | T  | F  | S  |
|         |    |    |    |    |    | 1  | 1        | 2  | 3  | 4  | 5  |    |    |          |    | 1  | 2  | 3  | 1  | 2  | 3          | 4  | 5  | 6  | 7  |    |    |
| 2       | 3  | 4  | 5  | 6  | 7  | 8  | 6        | 7  | 8  | 9  | 10 | 11 | 12 | 4        | 5  | 6  | 7  | 8  | 9  | 10 | 8          | 9  | 10 | 11 | 12 | 13 | 14 |
| 9       | 10 | 11 | 12 | 13 | 14 | 15 | 13       | 14 | 15 | 16 | 17 | 18 | 19 | 11       | 12 | 13 | 14 | 15 | 16 | 17 | 15         | 16 | 17 | 18 | 19 | 20 | 21 |
| 16      | 17 | 18 | 19 | 20 | 21 | 22 | 20       | 21 | 22 | 23 | 24 | 25 | 26 | 18       | 19 | 20 | 21 | 22 | 23 | 24 | 22         | 23 | 24 | 25 | 26 | 27 | 28 |
| 23      | 24 | 25 | 26 | 27 | 28 | 29 | 27       | 28 | 29 | 30 | 25 | 26 | 27 | 28       | 29 | 30 | 31 | 29 | 30 | 31 |            |    |    |    |    |    |    |
| 30      | 31 |    |    |    |    |    |          |    |    |    |    |    |    |          |    |    |    |    |    |    |            |    |    |    |    |    |    |

  

| September '21 |    |    |    |    |    |    | October '21 |    |    |    |    |    |    | November '21 |    |    |    |    |    |    | December '21 |    |    |    |    |    |    |
|---------------|----|----|----|----|----|----|-------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|
| S             | M  | T  | W  | T  | F  | S  | S           | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  |
|               |    |    | 1  | 2  | 3  | 4  |             |    |    |    |    | 1  | 2  | 1            | 2  | 3  | 4  | 5  | 6  |    |              |    |    | 1  | 2  | 3  | 4  |
| 5             | 6  | 7  | 8  | 9  | 10 | 11 | 3           | 4  | 5  | 6  | 7  | 8  | 9  | 7            | 8  | 9  | 10 | 11 | 12 | 13 | 5            | 6  | 7  | 8  | 9  | 10 | 11 |
| 12            | 13 | 14 | 15 | 16 | 17 | 18 | 10          | 11 | 12 | 13 | 14 | 15 | 16 | 14           | 15 | 16 | 17 | 18 | 19 | 20 | 12           | 13 | 14 | 15 | 16 | 17 | 18 |
| 19            | 20 | 21 | 22 | 23 | 24 | 25 | 17          | 18 | 19 | 20 | 21 | 22 | 23 | 21           | 22 | 23 | 24 | 25 | 26 | 27 | 19           | 20 | 21 | 22 | 23 | 24 | 25 |
| 26            | 27 | 28 | 29 | 30 | 24 | 25 | 26          | 27 | 28 | 29 | 30 | 28 | 29 | 30           | 26 | 27 | 28 | 29 | 30 | 31 |              |    |    |    |    |    |    |

## 2022

| January '22 |    |    |    |    |    |    | February '22 |    |    |    |    |    |    | March '22 |    |    |    |    |    |    | April '22 |    |    |    |    |    |    |
|-------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|
| S           | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  | S         | M  | T  | W  | T  | F  | S  | S         | M  | T  | W  | T  | F  | S  |
|             |    |    |    |    |    | 1  | 1            | 2  | 3  | 4  | 5  |    |    |           |    | 1  | 2  | 3  | 4  | 5  |           |    |    |    |    | 1  | 2  |
| 2           | 3  | 4  | 5  | 6  | 7  | 8  | 6            | 7  | 8  | 9  | 10 | 11 | 12 | 6         | 7  | 8  | 9  | 10 | 11 | 12 | 3         | 4  | 5  | 6  | 7  | 8  | 9  |
| 9           | 10 | 11 | 12 | 13 | 14 | 15 | 13           | 14 | 15 | 16 | 17 | 18 | 19 | 13        | 14 | 15 | 16 | 17 | 18 | 19 | 10        | 11 | 12 | 13 | 14 | 15 | 16 |
| 16          | 17 | 18 | 19 | 20 | 21 | 22 | 20           | 21 | 22 | 23 | 24 | 25 | 26 | 20        | 21 | 22 | 23 | 24 | 25 | 26 | 17        | 18 | 19 | 20 | 21 | 22 | 23 |
| 23          | 24 | 25 | 26 | 27 | 28 | 29 | 27           | 28 | 27 | 28 | 29 | 30 | 31 | 24        | 25 | 26 | 27 | 28 | 29 | 30 |           |    |    |    |    |    |    |
| 30          | 31 |    |    |    |    |    |              |    |    |    |    |    |    |           |    |    |    |    |    |    |           |    |    |    |    |    |    |

  

| May '22 |    |    |    |    |    |    | June '22 |    |    |    |    |    |    | July '22 |    |    |    |    |    |    | August '22 |    |    |    |    |    |    |   |   |   |   |
|---------|----|----|----|----|----|----|----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|------------|----|----|----|----|----|----|---|---|---|---|
| S       | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S        | M  | T  | W  | T  | F  | S  | S          | M  | T  | W  | T  | F  | S  |   |   |   |   |
| 1       | 2  | 3  | 4  | 5  | 6  | 7  |          |    |    |    | 1  | 2  | 3  | 4        |    |    |    |    |    | 1  | 2          |    |    |    |    | 1  | 2  | 3 | 4 | 5 | 6 |
| 8       | 9  | 10 | 11 | 12 | 13 | 14 | 5        | 6  | 7  | 8  | 9  | 10 | 11 | 3        | 4  | 5  | 6  | 7  | 8  | 9  | 7          | 8  | 9  | 10 | 11 | 12 | 13 |   |   |   |   |
| 15      | 16 | 17 | 18 | 19 | 20 | 21 | 12       | 13 | 14 | 15 | 16 | 17 | 18 | 10       | 11 | 12 | 13 | 14 | 15 | 16 | 14         | 15 | 16 | 17 | 18 | 19 | 20 |   |   |   |   |
| 22      | 23 | 24 | 25 | 26 | 27 | 28 | 19       | 20 | 21 | 22 | 23 | 24 | 25 | 17       | 18 | 19 | 20 | 21 | 22 | 23 | 21         | 22 | 23 | 24 | 25 | 26 | 27 |   |   |   |   |
| 29      | 30 | 31 | 26 | 27 | 28 | 29 | 30       | 24 | 25 | 26 | 27 | 28 | 29 | 30       | 28 | 29 | 30 | 31 |    |    |            |    |    |    |    |    |    |   |   |   |   |
|         |    |    |    |    |    |    |          |    |    |    |    |    | 31 |          |    |    |    |    |    |    |            |    |    |    |    |    |    |   |   |   |   |

  

| September '22 |    |    |    |    |    |    | October '22 |    |    |    |    |    |    | November '22 |    |    |    |    |    |    | December '22 |    |    |    |    |    |    |
|---------------|----|----|----|----|----|----|-------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|
| S             | M  | T  | W  | T  | F  | S  | S           | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  | S            | M  | T  | W  | T  | F  | S  |
|               |    |    | 1  | 2  | 3  |    |             |    |    |    |    | 1  | 1  | 2            | 3  | 4  | 5  |    |    |    |              | 1  | 2  | 3  |    |    |    |
| 4             | 5  | 6  | 7  | 8  | 9  | 10 | 2           | 3  | 4  | 5  | 6  | 7  | 8  | 6            | 7  | 8  | 9  | 10 | 11 | 12 | 4            | 5  | 6  | 7  | 8  | 9  | 10 |
| 11            | 12 | 13 | 14 | 15 | 16 | 17 | 9           | 10 | 11 | 12 | 13 | 14 | 15 | 13           | 14 | 15 | 16 | 17 | 18 | 19 | 11           | 12 | 13 | 14 | 15 | 16 | 17 |
| 18            | 19 | 20 | 21 | 22 | 23 | 24 | 16          | 17 | 18 | 19 | 20 | 21 | 22 | 20           | 21 | 22 | 23 | 24 | 25 | 26 | 18           | 19 | 20 | 21 | 22 | 23 | 24 |
| 25            | 26 | 27 | 28 | 29 | 30 | 23 | 24          | 25 | 26 | 27 | 28 | 29 | 27 | 28           | 29 | 30 | 25 | 26 | 27 | 28 | 29           | 30 | 31 |    |    |    |    |