NHBS Round 5 CAPI REFERENCE QUESTIONNAIRE (CRQ)

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## Overview

### Questionnaire Sections & Abbreviations

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<th>Abbreviation</th>
<th>Domain</th>
<th>Other topics included</th>
</tr>
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<td>Overview</td>
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<td>1</td>
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<td>IE</td>
<td>Interviewer-entered information</td>
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<td>2</td>
<td></td>
<td>ES</td>
<td>Eligibility screener</td>
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<tr>
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<td>CI</td>
<td>OMB Statement &amp; Core Introductory Statement</td>
<td></td>
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<td>Network size (RDS cycles only)</td>
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<td>Demographics</td>
<td>General health care access &amp; utilization</td>
</tr>
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<td>7</td>
<td></td>
<td>SO</td>
<td>Social experiences (MSM cycle only)</td>
<td></td>
</tr>
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<td></td>
<td>SX</td>
<td>Sexual behavior</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>AL</td>
<td>Alcohol use</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>ID</td>
<td>Injection drug use</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>ND</td>
<td>Non-injection drug use</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>TX</td>
<td>Drug overdose and drug treatment</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>HT</td>
<td>HIV testing &amp; care</td>
<td>Perceived HIV stigma</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>HC</td>
<td>Health conditions (STIs, hepatitis, mental health)</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>JT</td>
<td>Justice system experiences &amp; testing</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td>PA</td>
<td>Prevention activities</td>
<td>Violence</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Term</th>
<th>Prefix / format</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculated variable</td>
<td>CALC_</td>
<td>Item identifier (not prefix for variable name) for variables calculated by the CAPI program that appear in the CRQ.</td>
</tr>
<tr>
<td>Century Month</td>
<td>_C</td>
<td>A century month is an integer value that represents the number of months since January 1900. These calculations are used to compare dates and facilitate routing where respondents are asked to only provide the month and year in which an event took place. These types of questions occur in every date item within the CRQ, with the exception of DOB (ES1). As an example, January 2014 is represented by the integer 1369. The higher the integer, the closer the event is to the current date, and the lower the integer, the farther it is in the past.</td>
</tr>
<tr>
<td>Message</td>
<td>INTERVIEWER:</td>
<td>Message displayed to the interviewer that is not to be read to R. May be triggered by an edit check. Distinct from Interviewer Instruction.</td>
</tr>
<tr>
<td>Filter question</td>
<td></td>
<td>A question that determines whether the respondent should receive subsequent question or set of questions, typically on a related topic.</td>
</tr>
<tr>
<td>Logic Check</td>
<td>Check_</td>
<td>Logic that must be checked (by the CAPI program) in order to determine proper routing to the next item in the CAPI programmed questionnaire.</td>
</tr>
<tr>
<td>Hard Edit Check</td>
<td>HardEdit_</td>
<td>A check to determine whether the response entered is logically inconsistent with specific previously entered response. If so, CAPI program displays message to interviewer. Hard edit checks cannot be suppressed, i.e., program will not advance until interviewer has changed at least one of the inconsistent values.</td>
</tr>
<tr>
<td>Introductory statement</td>
<td>INTRO_</td>
<td>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.</td>
</tr>
<tr>
<td>Range</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>Section</td>
<td></td>
<td>Section of the Questionnaire. Each section has a unique two letter abbreviation.</td>
</tr>
<tr>
<td>Series</td>
<td>...Series.</td>
<td>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).</td>
</tr>
<tr>
<td>Soft Edit Check</td>
<td>SoftEdit_</td>
<td>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.</td>
</tr>
<tr>
<td>Universe</td>
<td>Universe_</td>
<td>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.</td>
</tr>
</tbody>
</table>
# NHBS Round 5 Questionnaire

## Pre-set and Calculated Variables

### Variables with pre-set values

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROUND</td>
<td>NHBS Round</td>
</tr>
<tr>
<td>CYLE</td>
<td>NHBS Cycle</td>
</tr>
<tr>
<td>LANGUAGE</td>
<td>Language</td>
</tr>
<tr>
<td>VERSION</td>
<td>Questionnaire Version</td>
</tr>
<tr>
<td>IDATE</td>
<td>Interview date</td>
</tr>
<tr>
<td>IDATEMN</td>
<td>Interview date: Numeric month</td>
</tr>
<tr>
<td>IDATEY</td>
<td>Interview date: Year</td>
</tr>
<tr>
<td>START</td>
<td>Start Time</td>
</tr>
<tr>
<td>DATETIME</td>
<td>Date and time identifier</td>
</tr>
<tr>
<td>DATAFILE</td>
<td>Data file name</td>
</tr>
<tr>
<td>QYR</td>
<td>Current Questionnaire Year</td>
</tr>
</tbody>
</table>

**ROUND**

ROUND = "NHBS Round 5"

**CYCLE**

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

**LANGUAGE**

LANGUAGE = 1 IF ENGLISH
LANGUAGE = 2 IF SPANISH

**VERSION**

If CYCLE=1 & LANGUAGE=1, VERSION = ‘NHBS-MSM5 – ENGLISH, V1, [BUILD DATE]’
If CYCLE=1 & LANGUAGE=2, VERSION = ‘NHBS-MSM5 – SPANISH, V1, [BUILD DATE]’
If CYCLE=2 & LANGUAGE=1, VERSION = ‘NHBS-IDU5 – ENGLISH, V1, [BUILD DATE]’
If CYCLE=2 & LANGUAGE=2, VERSION = ‘NHBS-IDU5 – SPANISH, V1, [BUILD DATE]’
If CYCLE=3 & LANGUAGE=1, VERSION = ‘NHBS-HET5 – ENGLISH, V1, [BUILD DATE]’
If CYCLE=3 & LANGUAGE=2, VERSION = ‘NHBS-HET5 – SPANISH, V1, [BUILD DATE]’

**IDATE**

IDATE = Today’s date (system date on device)

**IDATEMN**

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

**IDATEY**

IDATEY = if(P_IYEAR="2016", 2016, if(P_IYEAR="2017", 2017, if(P_IYEAR="2018", 2018, if(P_IYEAR="2019", 2019, 0)))))

**START**

START = Current time (system time on device)

**DATETIME**

DATETIME = CONCAT(IDATE, START)

**DATAFILE**

DATAFILE = Data file name

**QYR**

QYR = if ((CYCLE=2), 2018, if ((CYCLE=3), 2019, if ((CYCLE=1), 2017, 0)))
MSM5_IMP  
MSM5 data collection start date  
MSM5_IMP = June 1, 2017

Computed date and duration variables used throughout the interview

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

AGO2Y_C  
2 yrs before interview: Century Month  
AGO2Y_C = IDATE_C - 24

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

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

AGO3M_C  
3 mos before interview: Century Month  
AGO3M_C = IDATE_C - 3
NHBS ROUND 5 QUESTIONNAIRE

INTERVIEWER ENTERED INFORMATION (IE)

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preloaded Variables</td>
<td>--</td>
<td>CYCLE</td>
<td>NHBS Cycle</td>
</tr>
<tr>
<td>Preloaded Variables</td>
<td>--</td>
<td>VERSION</td>
<td>Questionnaire Version</td>
</tr>
<tr>
<td>Preloaded Variables</td>
<td>--</td>
<td>MSM5_IMP</td>
<td>MSM5 data collection start date</td>
</tr>
<tr>
<td>Preloaded Variables</td>
<td>--</td>
<td>QYR</td>
<td>Current Questionnaire Year</td>
</tr>
<tr>
<td>Preloaded Variables</td>
<td>--</td>
<td>IDATE</td>
<td>Interview Date</td>
</tr>
<tr>
<td>Preloaded Variables</td>
<td>--</td>
<td>IDATEY</td>
<td>Interview Date: Year</td>
</tr>
</tbody>
</table>

Universe_IE. All Rs.

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

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

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

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

IE2. City:
CITY
City
Atlanta, GA................................................................. 1
Baltimore, MD............................................................ 2
Boston, MA................................................................. 3
Chicago, IL................................................................. 4
Dallas, TX................................................................. 5
Denver, CO................................................................. 6
Detroit, MI................................................................. 7
Houston, TX............................................................. 9
Los Angeles, CA...................................................... 10
Miami, FL................................................................. 11
Memphis, TN.......................................................... 12
Nassau-Suffolk, NY.................................................. 13
Newark, NJ............................................................... 14
New Orleans, LA..................................................... 15
New York City, NY ................................................. 16
Norfolk, VA ......................................................... 17
Philadelphia, PA .................................................... 18
Portland, OR ........................................................ 19
San Diego, CA ....................................................... 21
San Francisco, CA .................................................. 22
San Juan, PR ........................................................... 23
Seattle, WA ............................................................. 24
Washington, DC ..................................................... 25

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

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

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

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

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

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

VBS Recruitment (VBS) Series (IE4-HardEdit_IE8)

IE4. INTERVIEWER: Is this interview a Post Event Appointment?
PEA Post Event Appointment
No.......................................................... 0
Yes.......................................................... 1

IE5. Venue Code:
VENUE Venue Code
___ ___ ___ Range 1-9900

IE6. Event Number:
VBS_EVNT Event number
___ ___ ___ Range 1-999
Don't Know 9999
### Check_IE7.
If interview is Post Event Appointment, (IE4 EQ 1), go to IE7.
Else, go to END_IE.

### Post Event Appointment

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

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEASITE</td>
<td>PEA Field site ID</td>
</tr>
</tbody>
</table>
|              | ---- ---- ---- ----  {4 alphanumeric characters} | 9

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

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

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

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

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEARDTE</td>
<td>PEA recruitment event date</td>
</tr>
<tr>
<td></td>
<td>__ __ / __ __ / __ __ __ __ (MM/DD/YYYY)</td>
</tr>
<tr>
<td></td>
<td>Range (Year).........................................</td>
</tr>
<tr>
<td></td>
<td>Don't know (Year).....................................</td>
</tr>
</tbody>
</table>

#### HardEdit_IE8.
If PEA recruitment event date known & after interview date (IE8 NE DK & IE8 GT IDATE), DISPLAY: "INTERVIEWER: The date of the recruitment event cannot be after today's date. Please correct on next screen." Then return to IE8.
Else, go to SoftEditIE8.

#### SoftEdit_IE8.
If PEA recruitment event date known & before MSM cycle implementation date (IE8 NE DK & IE8 LT MSM_5_IMP), DISPLAY: "INTERVIEWER: The date of the recruitment event is before June 1, [fill with current questionnaire year (QYR)]. If this is incorrect, go back to the previous screen and re-enter the date of the recruitment event." Else, go to END_IE.

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

### RDS Recruitment (RDS) Series (IE9-HardEdit_IE10)

#### IE9.
Field Site ID:

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLDSTEID</td>
<td>RDS Field site ID</td>
</tr>
<tr>
<td></td>
<td>---- ---- (Must be 2 digits)</td>
</tr>
<tr>
<td></td>
<td>Range ..................................................</td>
</tr>
</tbody>
</table>

#### HardEdit_IE9.
If IE9 is not 2 digits long, DISPLAY: "INTERVIEWER: The Field Site ID must be two digits long. Please correct on next screen." Then return to IE9.
Else, go to IE10.

#### IE10.
INTERVIEWER: Is the respondent a seed?

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISEED</td>
<td>Respondent is a seed</td>
</tr>
</tbody>
</table>

CRQ_R5_HETS_V1 ENG
April 17, 2019
No................................................................................................................................. 0
Yes..................................................................................................................................... 1

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

END_IE. Go to Eligibility Screener Section {ES}. 
NHBS ROUND 5 QUESTIONNAIRE

ELIGIBILITY SCREENER (ES)

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preloaded variables</td>
<td>--</td>
<td>CYCLE</td>
<td>NHBS Cycle</td>
</tr>
<tr>
<td>Preloaded variables</td>
<td>--</td>
<td>IDATE</td>
<td>Interview date</td>
</tr>
<tr>
<td>Preloaded variables</td>
<td>--</td>
<td>QYR</td>
<td>Current Questionnaire Year</td>
</tr>
<tr>
<td>Interviewer Entered Information</td>
<td>IE2</td>
<td>CITY</td>
<td>City</td>
</tr>
<tr>
<td>Interviewer Entered Information</td>
<td>IE4</td>
<td>PEA</td>
<td>Post Event Appointment</td>
</tr>
<tr>
<td>Interviewer Entered Information</td>
<td>IE8</td>
<td>PEARDTE</td>
<td>PEA recruitment event date</td>
</tr>
<tr>
<td>Interviewer Entered Information</td>
<td>IE10</td>
<td>ISEED</td>
<td>Respondent is a seed</td>
</tr>
</tbody>
</table>

Universe_ES.  All Rs.

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

CALC_BEGSCR.  Time at beginning of screener  BEGSCR = Current time

Check_CALC_RDATE.  If MSM cycle (CYCLE EQ 1), go to CALC_RDATE.  Else, go to ES1.

CALC_RDATE.  If interview is NOT a Post Event Appointment (IE4 EQ 0):  RDATE=IDATE  If interview is Post Event Appointment (IE4 EQ 1):  RDATE=PEARDTE

ES1.  What is your date of birth?

DOB  Date of birth  __ __ / __ __ / __ __ __ __ (MM/DD/YYYY)

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

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

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

CALC_AGE.  QDS calculated age today  Calculate age from date of birth (DOB)
ES1a. **So, you are [fill with calculated age (AGE)] years old. Is that correct?**

C_AGE
Confirm age

No. 0
Yes 1

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

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

ES2. **During [fill with current questionnaire year (QYR)], did you already complete at least part of the health survey that (Insert Project Name) is conducting? It could have been here or at another location.**

E_PART
Eligibility, previous participant

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

Do you consider yourself to be of Hispanic, Latino/a, or Spanish origin?

ES3. **[INTERVIEWER: If necessary, say "Just tell me Yes or No."]**

HISPANIC
Latino ethnicity

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

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

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

ES3a. **Which of the following describes your Hispanic, Latino/a, or Spanish origin? You may choose more than one option.**

HSPTYP
Hispanic Ancestry (number reported)

HSPTYPA
Mexican
HSPTYPB
Puerto Rican
HSPTYPC
Cuban
HSPTYPD
Dominican
HSPTYPE
Another Hispanic, Latino/a, or Spanish origin

Don’t Know 9
Refuse to Answer 7

Check_ES3spec. If R reports ‘Another’ Hispanic origin (HSPTYPE EQ 1), go to ES3spec. Else, go to ES4.
ES4. [READ choices. CHECK ALL that apply.]
RACE Racial group (number reported)
RACEA American Indian or Alaska Native
RACEB Asian
RACEC Black or African American
RACED Native Hawaiian or Other Pacific Islander
RACEE White

Don’t Know ........................................................................................................ 9
Refuse to Answer .............................................................................................. 7
Not Applicable ................................................................................................. 8

Check_CountyofResidence. If IE2 EQ 1, go to ESS_ATL1.
If IE2 EQ 2, go to ESS_BLT.
If IE2 EQ 3, go to ESS_BOS.
If IE2 EQ 4, go to ESS_CHI.
If IE2 EQ 5, go to ESS_DAL.
If IE2 EQ 6, go to ESS_DEN.
If IE2 EQ 7, go to ESS_DET.
If IE2 EQ 9, go to ESS_HOU.
If IE2 EQ 10, go to ESS_LAX.
If IE2 EQ 11, go to ESS_MIA.
If IE2 EQ 12, go to ESS_MEM.
If IE2 EQ 13, go to ESS_NAU.
If IE2 EQ 14 go to ESS_NEW.
If IE2 EQ 15, go to ESS_NOL.
If IE2 EQ 16, go to ESS_NYC.
If IE2 EQ 17, go to ESS_NOR.
If IE2 EQ 18, go to ESS_PHL.
If IE2 EQ 19, go to ESS_PTL.
If IE2 EQ 21, go to ESS_SDG.
If IE2 EQ 22, go to ESS_SFO.
If IE2 EQ 23, go to ESS_SJN1.
If IE2 EQ 24, go to ESS_SEA.
If IE2 EQ 25, go to ESS_WDC.

County of Residence

What county do you currently live in?

ESS_ATL1. [DO NOT read choices.]
ATLCTYRS Eligibility, Atlanta county of residence
Barrow, Bartow, or Butts County ......................................................... 1
Carroll County .................................................................................. 4
Cherokee County ............................................................................... 5
Clayton County ............................................................................... 6
Cobb County .................................................................................... 7
Coweta County ............................................................................... 8
What county do you currently live in?

<table>
<thead>
<tr>
<th>County</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pike County</td>
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<td>Pickens County</td>
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<td>3</td>
</tr>
<tr>
<td>Morgan County</td>
<td>4</td>
</tr>
<tr>
<td>Meriwether or Morgan County</td>
<td>5</td>
</tr>
<tr>
<td>Newton County</td>
<td>6</td>
</tr>
<tr>
<td>Paulding, Pickens, or Pike County</td>
<td>7</td>
</tr>
<tr>
<td>Rockdale County</td>
<td>8</td>
</tr>
<tr>
<td>Spalding County</td>
<td>9</td>
</tr>
<tr>
<td>Walton County</td>
<td>10</td>
</tr>
<tr>
<td>Other</td>
<td>11</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>12</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>13</td>
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</tbody>
</table>

Check **ESS_ATL2**. If R lives in Barrow, Bartow, Butts, Haralson, Heard, Henry, Meriwether, Morgan, Paulding, Pickens, or Pike counties (ESS_ATL1 EQ 1, 16, 21, or 24), go to ESS_ATL2.

Else, go to CALC_ATLELR5.

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

<table>
<thead>
<tr>
<th>County</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Barrow County</td>
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<tr>
<td>Bartow County</td>
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<tr>
<td>Butts County</td>
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<td>Haralson County</td>
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<td>Heard County</td>
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<tr>
<td>Henry County</td>
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<tr>
<td>Meriwether County</td>
<td>7</td>
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<td>Morgan County</td>
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<td>Paulding County</td>
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</tr>
<tr>
<td>Pickens County</td>
<td>10</td>
</tr>
<tr>
<td>Pike County</td>
<td>11</td>
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</tbody>
</table>

**CALC_ATLELR5.**

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

Check **ESS_BLT.** Go to CALC_E_CITY.
[DO NOT read choices.]

**BLTCTY5** Eligibility, Baltimore county of residence

- Baltimore City .............................................. 1
- Anne Arundel ............................................... 2
- Baltimore ...................................................... 3
- Carroll ......................................................... 4
- Harford .......................................................... 5
- Howard ........................................................... 6
- Queen Anne’s ................................................... 7
- Other .............................................................. 88
- Don’t Know ..................................................... 999
- Refuse to Answer ............................................ 777

**CALC_BSTELR5.**

<table>
<thead>
<tr>
<th>BSTELR5</th>
<th>Eligible county resident: BOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLTCTY5</td>
<td>If ((BLTCTY5=1 OR BLTCTY5=2 OR BLTCTY5=3 OR BLTCTY5=4 OR BLTCTY5=5 OR BLTCTY5=6 OR BLTCTY5=7), 1,0)</td>
</tr>
</tbody>
</table>

**Check_ESS_BOS.** Go to **CALC_E_CITY.**

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

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

**BOSCTY5** Eligibility, Boston city or town of residence

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

**CALC_BSTELR5.**

<table>
<thead>
<tr>
<th>BSTELR5</th>
<th>Eligible county resident: BOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSTELR5</td>
<td>If ((BOSCTY5=1 OR BOSCTY5=2 OR BOSCTY5=7 OR BOSCTY5=8 OR BOSCTY5=10 OR BOSCTY5=12 OR BOSCTY5=14 OR BOSCTY5=15 OR)</td>
</tr>
</tbody>
</table>
Check_ESS_CHI.  Go to CALC_E_CITY.

What county do you currently live in?

ESS_CHI.  [DO NOT read choices.]
CHICTYRS

Eligibility, Chicago county of residence

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

CALC_CHIELRS.

CHIELRS

Eligible county resident: CHI

CHICTYRS

CHIELRS = if ((CHICTYRS=1 OR CHICTYRS=3 OR CHICTYRS=4 OR CHICTYRS=6 OR CHICTYRS=7 OR CHICTYRS=8), 1,0)

Check_ESS_DAL.  Go to CALC_E_CITY.

What county do you currently live in?

ESS_DAL.  [DO NOT read choices.]
DALCTYRS

Eligibility, Dallas county of residence

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

CALC_DAELRS.

DAELRS

Eligible county resident: DAL

DALCTYRS

DAELRS = if ((DALCTYRS=1 OR DALCTYRS=2 OR DALCTYRS=4 OR DALCTYRS=5 OR DALCTYRS=6 OR DALCTYRS=7 OR DALCTYRS=8), 1,0)

Check_ESS_DEN.  Go to CALC_E_CITY.

What county do you currently live in?

ESS_DEN.  [DO NOT read choices.]
DENCTYRS

Eligibility, Denver county of residence
What county do you currently live in?

<table>
<thead>
<tr>
<th>County</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Adams County</td>
<td>1</td>
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<td>Arapahoe County</td>
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<td>Broomfield County</td>
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<td>Clear Creek County</td>
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<td>Denver County</td>
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<td>Gilpin County</td>
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<td>Jefferson County</td>
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<td>Park County</td>
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<td>Don't Know</td>
<td>999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>777</td>
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</tbody>
</table>

CALC_DENELRS.

DENELRS = if ((DENCTYR5=1 OR DENCTYR5=2 OR DENCTYR5=3 OR DENCTYR5=4 OR DENCTYR5=5 OR DENCTYR5=6 OR DENCTYR5=7 OR DENCTYR5=8 OR DENCTYR5=9 OR DENCTYR5=10), 1,0)

Check_ES5_DET.  
Go to CALC_E_CITY.

What county do you currently live in?

<table>
<thead>
<tr>
<th>County</th>
<th>Code</th>
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<tbody>
<tr>
<td>Macomb County</td>
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<tr>
<td>Oakland County</td>
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<tr>
<td>Wayne County</td>
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<td>Other</td>
<td>88</td>
</tr>
<tr>
<td>Don't Know</td>
<td>999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>777</td>
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</tbody>
</table>

CALC_DETENSL.

DETELRS = if (DETCTYR5=0 OR DETCTYR5=1 OR DETCTYR5=2), 1,0)

Check_ES5_HOU.  
Go to CALC_E_CITY.

What county do you currently live in?

<table>
<thead>
<tr>
<th>County</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Austin County</td>
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<td>Brazoria County</td>
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<tr>
<td>Chambers County</td>
<td>3</td>
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<tr>
<td>Fort Bend County</td>
<td>4</td>
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<td>Galveston County</td>
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<td>Harris County</td>
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<td>Liberty County</td>
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<td>Montgomery County</td>
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</tr>
<tr>
<td>Waller County</td>
<td>10</td>
</tr>
<tr>
<td>Other</td>
<td>88</td>
</tr>
<tr>
<td>Don't Know</td>
<td>999</td>
</tr>
</tbody>
</table>
Refuse to Answer .................................................. 777

**CALC_HOUELRS.**

HOUELRS = if ((HOUCTYR5=1 OR HOUCTYR5=2 OR HOUCTYR5=3 OR HOUCTYR5=4 OR HOUCTYR5=5 OR HOUCTYR5=6 OR HOUCTYR5=7 OR HOUCTYR5=8 OR HOUCTYR5=10), 1,0)

**HOUELRS**

Eligible county resident: HOU

**Check_ESS_LAX.**

Go to CALC_E_CITY.

**ESS_LAX.**

[DO NOT read choices.]

LAXCTYR5

Eligibility, Los Angeles county of residence

Los Angeles County ................................................. 1

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

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

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

**CALC_LAXELRS.**

LAXELRS = if ((LAXCTYR5=1), 1,0)

**LAXELRS**

Eligible county resident: LAX

**Check_ESS_MIA.**

Go to CALC_E_CITY.

**ESS_MIA.**

[DO NOT read choices.]

MIACTYR5

Eligibility, Miami county of residence

Miami-Dade County .................................................. 1

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

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

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

**CALC_MIAELRS.**

MIAELRS = if ((MIACTYR5=1), 1,0)

**MIAELRS**

Eligible county resident: MIA

**Check_ESS_MEM.**

Go to CALC_E_CITY.

**ESS_MEM.**

[DO NOT read choices.]

MEMCTYR5

Eligibility, Memphis county of residence

Fayette County, TN .................................................. 1

Shelby County, TN .................................................. 2

Tipton County, TN .................................................. 3

Benton County, MS .................................................. 4

DeSoto County, MS .................................................. 5

Marshall County, MS ............................................... 6

Tate County, MS .................................................... 7

Tunica County, MS .................................................. 8

Crittendon County, AR ............................................. 9
CALC_MEMELRS.

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

MEMELRS5 Eligible county resident: MEM

CALC_NAUELRS.

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

Check_ESS_NAU. Go to CALC_E_CITY.

What county do you currently live in?

ESS_NAU.

[DO NOT read choices.]
NAUCTYR5 Eligibility, Nassau county of residence
Nassau County ......................................................... 1
Suffolk County .......................................................... 2
Other ..................................................................... 88
Don’t Know ................................................................. 999
Refuse to Answer ....................................................... 777

Check_ESS_NEW. Go to CALC_E_CITY.

What county do you currently live in?

ESS_NEW.

[DO NOT read choices.]
NEWCTYR5 Eligibility, Newark county of residence
Essex County, NJ ......................................................... 1
Hunterdon County, NJ ................................................. 2
Hudson County, NJ .................................................... 3
Morris County, NJ ..................................................... 4
Somerset County, NJ .................................................. 5
Sussex County, NJ .................................................... 6
Union County, NJ ..................................................... 7
Pike County, PA .......................................................... 8
Other ..................................................................... 88
Don’t Know ................................................................. 999
Refuse to Answer ....................................................... 777

Check_ESS_NOL. Go to CALC_E_CITY.
**What parish do you currently live in?**

<table>
<thead>
<tr>
<th>ESS_NOL.</th>
<th>[DO NOT read choices.]</th>
<th>Eligibility, New Orleans parish of residence</th>
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<tbody>
<tr>
<td>NOLCTYRS</td>
<td></td>
<td>Jefferson Parish .................................. 1</td>
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<tr>
<td></td>
<td></td>
<td>Orleans Parish ..................................... 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Plaquemines Parish ................................ 3</td>
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<td>St. John the Baptist Parish ...................... 7</td>
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<td>St. Tammany Parish ................................ 8</td>
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<td></td>
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<td>Don't Know .......................................... 999</td>
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<tr>
<td></td>
<td></td>
<td>Refuse to Answer ................................... 777</td>
</tr>
</tbody>
</table>

**CALC_NOLEL.**

| NOLELRS | Eligible parish resident: NOL OR NOLCTYRS=5 OR NOLCTYRS=6 OR NOLCTYRS=7 OR NOLCTYRS=8, 1,0 |

**Check_ESS_NYC.**

Go to CALC_E_CITY.

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

<table>
<thead>
<tr>
<th>ESS_NYC.</th>
<th>[DO NOT read choices.]</th>
<th>Eligibility, New York City county of residence</th>
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</thead>
<tbody>
<tr>
<td>NYCCYRS</td>
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<td>Bronx County, NY .................................... 1</td>
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<tr>
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<td></td>
<td>Kings County, NY ................................... 2</td>
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<td></td>
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<td>Orange County, NY ................................... 4</td>
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<td>Queens County, NY .................................. 5</td>
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<td>Rockland County, NY ................................ 7</td>
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<td>Don't Know .......................................... 999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Refuse to Answer ................................... 777</td>
</tr>
</tbody>
</table>

**CALC_NYCELR5.**

| NYCELR5 | Eligible county resident: NYC OR NYCCYRS=11 OR NYCCYRS=12 OR NYCCYRS=13 OR NYCCYRS=14, 1,0 |

NYCELR5 = if ((NYCCYRS=1 OR NYCCYRS=2 OR NYCCYRS=3 OR NYCCYRS=4 OR NYCCYRS=5 OR NYCCYRS=6 OR NYCCYRS=7 OR NYCCYRS=8 OR NYCCYRS=9 OR NYCCYRS=10 OR NYCCYRS=11 OR NYCCYRS=12 OR NYCCYRS=13 OR NYCCYRS=14), 1,0)
Check_ESS_NOR.  Go to CALC_E_CITY.

What county do you currently live in?

ESS_NOR.  [DO NOT read choices.]

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

CALC_NORELRS.

NORELRS = if (NORCTYR5=1 OR NORCTYR5=2 OR NORCTYR5=3 OR NORCTYR5=4 OR NORCTYR5=5 OR NORCTYR5=6 OR NORCTYR5=7 OR NORCTYR5=8 OR NORCTYR5=9 OR NORCTYR5=10 OR NORCTYR5=11 OR NORCTYR5=13 OR NORCTYR5=20), 1,0)

NORELRS  Eligible county resident: NOR
NORCTYR5=14 OR NORCTYR5=15 OR NORCTYR5=16 OR NORCTYR5=20, 1,0)

Check_ESS_PHL.  Go to CALC_E_CITY.

What county do you currently live in?

ESS_PHL.  [DO NOT read choices.]

PHLCTYR5  Eligibility, Philadelphia county of residence
Delaware County ..................................... 3
Philadelphia County ................................ 5
Other .............................................. 88
Don't Know ........................................ 999
Refuse to Answer .................................. 777

CALC_PHLELRS.

PHLELRS = if ((PHLCTYR5=3 OR PHLCTYR5=5), 1,0)

PHLELRS  Eligible county resident: PHL

Check_ESS_PTL.  Go to CALC_E_CITY.
### What county do you currently live in?

**ESS_PTL.**

**PTLCYR5**

Eligibility, Portland county of residence

<table>
<thead>
<tr>
<th>County</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Clackamas County, OR</td>
<td>1</td>
</tr>
<tr>
<td>Columbia County, OR</td>
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<tr>
<td>Multnomah County, OR</td>
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<tr>
<td>Washington County, OR</td>
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<td>Yamhill County, OR</td>
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<tr>
<td>Clark County, WA</td>
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<td>Skamania County, WA</td>
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<td>Other</td>
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<tr>
<td>Don't Know</td>
<td>999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>777</td>
</tr>
</tbody>
</table>

**CALC_PTELELR5.**

PTLELR5 = if (PTLCYR5=1 OR PTLCYR5=2 OR PTLCYR5=3 OR PTLCYR5=4 OR PTLCYR5=5 OR PTLCYR5=6 OR PTLCYR5=7), 1,0

**Check_ES5_SDG.**

Go to CALC_E_CITY.

### What county do you currently live in?

**ESS_SDG.**

**SDGCYR5**

Eligibility, San Diego county of residence

<table>
<thead>
<tr>
<th>County</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Diego County</td>
<td>1</td>
</tr>
<tr>
<td>Other</td>
<td>88</td>
</tr>
<tr>
<td>Don't Know</td>
<td>999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>777</td>
</tr>
</tbody>
</table>

**CALC_SDGELR5.**

SDGELR5 = if (SDGCYR5=1), 1,0

**Check_ES5_SFO.**

Go to CALC_E_CITY.

### What county do you currently live in?

**ESS_SFO.**

**SFOCYR5**

Eligibility, San Francisco county of residence

<table>
<thead>
<tr>
<th>County</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Francisco County</td>
<td>2</td>
</tr>
<tr>
<td>San Mateo County</td>
<td>3</td>
</tr>
<tr>
<td>Other</td>
<td>88</td>
</tr>
<tr>
<td>Don't Know</td>
<td>999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>777</td>
</tr>
</tbody>
</table>

**CALC_SFOELR5.**

SFOELR5 = if (SFOCYR5=2 OR SFOCYR5=3), 1,0

**Check_ES5_SJN1.**

Go to CALC_E_CITY.
What municipality (county) do you currently live in?

<table>
<thead>
<tr>
<th>ES5_SJN1.</th>
<th>[DO NOT read choices.]</th>
<th>Eligibility, San Juan county (municipio) of residence</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJNCTYR5</td>
<td>1</td>
<td>San Juan</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Bayamón</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Caguas</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Canóvanas</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Carolina</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Cataño</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Guaynabo</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Loiza</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Toa Alta</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>Toa Baja</td>
</tr>
<tr>
<td></td>
<td>11</td>
<td>Trujillo Alto</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>Aguas Buenas or Aibonito</td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>Barceloneta or Barranquitas</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Cayey, Ceiba, or Ciales</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>Cidra, Comerio, or Corozal</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>Dorado, Fajardo, or Florida</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>Gurabo or Humacao</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>Juncos, Las Piedras, or Luquillo</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>Manatí, Maunabo, or Morovis</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>Naguabo or Naranjito</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>Orocovis</td>
</tr>
<tr>
<td></td>
<td>22</td>
<td>Río Grande or San Lorenzo</td>
</tr>
<tr>
<td></td>
<td>23</td>
<td>Vega Alta, Vega Baja, or Yabucoa</td>
</tr>
<tr>
<td></td>
<td>88</td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td>999</td>
<td>Don't Know</td>
</tr>
<tr>
<td></td>
<td>777</td>
<td>Refuse to Answer</td>
</tr>
</tbody>
</table>

Check_ESS_SJN2. If R lives in 'other' San Juan municipio or does not report municipio of residence (ESS_SJN1 EQ 88, DK, or REF), go to CALC_SJNELR5.

If single county response entered (ESS_SJN1 EQ 1-11 or 21), go to CALC_SJNELR5.

If ESS_SJN1 EQ 12-17, go to ESS_SJN2.

If ESS_SJN1 EQ 18-20 or 22-23, go to ESS_SJN3.

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

<table>
<thead>
<tr>
<th>ES5_SJN2.</th>
<th>[DO NOT read choices.]</th>
<th>San Juan Municipalities live in: A</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJNARS</td>
<td>1</td>
<td>Aguas Buenas</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Aibonito</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Barceloneta</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Barranquitas</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Cayey</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Ceiba</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Ciales</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Cidra</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>Comerio</td>
</tr>
</tbody>
</table>
Corozal................................................................. 11
Dorado.................................................................. 12
Fajardo............................................................... 13
Florida............................................................... 14
Gurabo.................................................................. 15
Humacao............................................................ 16

**Check_ESS_SJN3.** Go to CALC_SJNELR5.

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

**ESS_SJN3.** [DO NOT read choices.]

<table>
<thead>
<tr>
<th>SJNBR5</th>
<th>San Juan Municipalities live in: B</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Juncos .................................................. 2</td>
</tr>
<tr>
<td></td>
<td>Las Piedras ........................................... 3</td>
</tr>
<tr>
<td></td>
<td>Luquillo ................................................. 4</td>
</tr>
<tr>
<td></td>
<td>Manati ................................................... 5</td>
</tr>
<tr>
<td></td>
<td>Maunabo .................................................. 6</td>
</tr>
<tr>
<td></td>
<td>Morovis ................................................... 7</td>
</tr>
<tr>
<td></td>
<td>Naguabo ................................................... 8</td>
</tr>
<tr>
<td></td>
<td>Naranjito ............................................... 9</td>
</tr>
<tr>
<td></td>
<td>Rio Grande ............................................... 12</td>
</tr>
<tr>
<td></td>
<td>San Lorenzo ........................................... 13</td>
</tr>
<tr>
<td></td>
<td>Vega Alta ............................................... 14</td>
</tr>
<tr>
<td></td>
<td>Vega Baja ................................................ 15</td>
</tr>
<tr>
<td></td>
<td>Yabucoa .................................................. 16</td>
</tr>
</tbody>
</table>

**CALC_SJNEL.**

\[
\text{SJNELR5} = \text{if } (\text{SJNCTYR5} = 1 \text{ OR } \text{SJNCTYR5} = 2 \text{ OR } \text{SJNCTYR5} = 3 \text{ OR } \text{SJNCTYR5} = 4 \text{ OR } \\
\text{SJNCTYR5} = 5 \text{ OR } \text{SJNCTYR5} = 6 \text{ OR } \text{SJNCTYR5} = 7 \text{ OR } \text{SJNCTYR5} = 8 \text{ OR } \text{SJNCTYR5} = 9 \text{ OR } \\
\text{SJNCTYR5} = 10 \text{ OR } \text{SJNCTYR5} = 11 \text{ OR } \text{SJNCTYR5} = 12 \text{ OR } \text{SJNCTYR5} = 13 \text{ OR } \\
\text{SJNCTYR5} = 14 \text{ OR } \text{SJNCTYR5} = 15 \text{ OR } \text{SJNCTYR5} = 16 \text{ OR } \text{SJNCTYR5} = 17 \text{ OR } \\
\text{SJNCTYR5} = 18 \text{ OR } \text{SJNCTYR5} = 19 \text{ OR } \text{SJNCTYR5} = 20 \text{ OR } \text{SJNCTYR5} = 21 \text{ OR } \\
\text{SJNCTYR5} = 22 \text{ OR } \text{SJNCTYR5} = 23, 1, 0)\]

**Check_ESS_SEA.** Go to CALC_E_CITY.

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

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

<table>
<thead>
<tr>
<th>SEACTYR5</th>
<th>Eligibility, Seattle county of residence</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>King County .................................. 1</td>
</tr>
<tr>
<td></td>
<td>Snohomish County ........................... 2</td>
</tr>
<tr>
<td></td>
<td>Other ......................................... 88</td>
</tr>
<tr>
<td></td>
<td>Don’t Know ................................... 999</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer ............................ 777</td>
</tr>
</tbody>
</table>

**CALC_SEAELRS.**

\[
\text{SEAEL5} = \text{if } (\text{SEACTYR5} = 1 \text{ OR } \text{SEACTYR5} = 2, 1, 0)\]

CRQ_R5_HET5_V1 ENG
April 17, 2019
**What county do you currently live in?**

<table>
<thead>
<tr>
<th>ESS_WDC.</th>
<th>[DO NOT read choices.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>WDCCTYRS</td>
<td>Eligibility, Washington DC county of residence</td>
</tr>
</tbody>
</table>

- District of Columbia ............................................. 1
- Calvert County, MD .................................................. 2
- Charles County, MD .................................................. 3
- Prince George’s County, MD ......................................... 4
- Alexandria City, VA ................................................... 5
- Fairfax City, VA ....................................................... 6
- Falls Church City, VA .................................................. 7
- Fredericksburg City, VA .............................................. 8
- Manassas City, VA ...................................................... 9
- Manassas Park City, VA ............................................... 10
- Arlington County, VA ................................................... 11
- Clarke County, VA ....................................................... 12
- Culpeper County, VA .................................................... 13
- Fairfax County, VA ..................................................... 14
- Fauquier County, VA .................................................... 15
- Loudoun County, VA ..................................................... 16
- Prince William County, VA ........................................... 17
- Rappahannock County, VA ............................................. 18
- Spotsylvania County, VA .............................................. 19
- Stafford County, VA .................................................... 20
- Warren County, VA ..................................................... 21
- Jefferson County, WV .................................................. 22
- Other ............................................................................ 88

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

**CALC_WDCELRS.**

<p>| E_CITY = ( (ATLEL5=1 ) or (BLTEL5=1 ) or (BSTELR5=1 ) or (CHIELR5=1 ) or (DALEL5=1 ) or (DENELR5=1 ) or (DETTEL5=1 ) or (HOUERL5=1 ) or (LAXEL5=1 ) or (MEMERL5=1 ) or (MIAELR5=1 ) or (NAUEL5=1 ) or (NEWELR5=1 ) or (NOELR5=1 ) or (NOREL5=1 ) or (NYCEL5=1 ) or (PHLEL5=1 ) or (PTTEL5=1 ) or (SDGELR5=1 ) or (SFOELR5=1 ) or (SINELR5=1 ) or (SEAELR5=1 ) or (WDCELR5=1 ), 1,0) |</p>
<table>
<thead>
<tr>
<th>WDCEL5</th>
<th>Eligible county resident: WDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>WDCCTYR5 = if ( ((WDCCTYR5=1 ) or (WDCCTYR5=2 ) or (WDCCTYR5=3 ) or (WDCCTYR5=4 ) or (WDCCTYR5=5 ) or (WDCCTYR5=6 ) or (WDCCTYR5=7 ) or (WDCCTYR5=8 ) or (WDCCTYR5=9 ) or (WDCCTYR5=10 ) or (WDCCTYR5=11 ) or (WDCCTYR5=12 ) or (WDCCTYR5=13 ) or (WDCCTYR5=14 ) or (WDCCTYR5=15 ) or (WDCCTYR5=16 ) or (WDCCTYR5=17 ) or (WDCCTYR5=18 ) or (WDCCTYR5=19 ) or (WDCCTYR5=20 ) or (WDCCTYR5=21 ) or (WDCCTYR5=22 )) , 1,0)</td>
<td></td>
</tr>
</tbody>
</table>

**CALC_E_CITY.**

<table>
<thead>
<tr>
<th>WDCEL5</th>
<th>Eligible county resident: WDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>WDCCTYR5 = if ( ((WDCCTYR5=1 ) or (WDCCTYR5=2 ) or (WDCCTYR5=3 ) or (WDCCTYR5=4 ) or (WDCCTYR5=5 ) or (WDCCTYR5=6 ) or (WDCCTYR5=7 ) or (WDCCTYR5=8 ) or (WDCCTYR5=9 ) or (WDCCTYR5=10 ) or (WDCCTYR5=11 ) or (WDCCTYR5=12 ) or (WDCCTYR5=13 ) or (WDCCTYR5=14 ) or (WDCCTYR5=15 ) or (WDCCTYR5=16 ) or (WDCCTYR5=17 ) or (WDCCTYR5=18 ) or (WDCCTYR5=19 ) or (WDCCTYR5=20 ) or (WDCCTYR5=21 ) or (WDCCTYR5=22 )) , 1,0)</td>
<td></td>
</tr>
</tbody>
</table>

**Check_ESSspec.**

- If R is resident of 'other' county (ESS_ATL1 EQ 88 or ESS_BLT EQ 88 or ESS_BOS EQ 88 or ESS_CHI. EQ 88 or ESS_DAL. EQ 88 or ESS_DEN. EQ 88 or ESS_DET. EQ 88 or ESS_HOU. EQ 88 or ESS_LAX. EQ 88 or ESS_MEM. EQ 88 or ESS_MIA. EQ 88 or ESS_NAU. EQ 88 or ESS_NEW. EQ 88 or ESS_NOR. EQ 88 or ESS_NYC. EQ 88 or ESS_PHL. EQ 88 or ESS_PTL. EQ 88 or ESS_SDG. EQ 88 or ESS_SFO. EQ 88 or ESS_SIN1. EQ 88 or ESS_SEA.EQ 88 or ESS_WDC. EQ 88), go to ESSspec.

Else, go to Check_ESS6.
**Eligibility Screener (ES)**

**ES**spec.

**INTERVIEWER**: Specify other county (If Boston, Specify other city or town):

```
SPECCNTY
```

Specify other county

{text response; max length = 100 characters}

**MSA Residence calculation**

**Check_ES6.**

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

**NHBS-HET Zip code & HRA Residence**

**ES6.**

**INTERVIEWER**: What zip code do you live in?

```
ZIP_HET
```

HET Zip code

-text response; max length = 100 characters-

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

**Check_ES7.**

Go to ES9.

-[INTERVIEWER: SHOW Respondent the MAP.]-

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

**ES7.**

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

```
TRACT
```

HET census tract

-text response; max length = 100 characters-

Range ........................................ 000100 - 999998
Don't Know ........................................ 999999
Refuse to Answer ................................. 777777

**HardEdit_ES7.**

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

**Check_ES7a.**

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

**ES7a.**

**INTERVIEWER**: Does participant live in a High Risk Area?

```
HRA
```

Lives in an HRA

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

**Check_ES8.**

Go to ES9.
What was your sex at birth?

**ES8.** Sex at birth

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>1</td>
</tr>
<tr>
<td>Female</td>
<td>2</td>
</tr>
<tr>
<td>Intersex/ambiguous</td>
<td>3</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

**ES9.** Gender

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>1</td>
</tr>
<tr>
<td>Female</td>
<td>2</td>
</tr>
<tr>
<td>Transgender</td>
<td>3</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

Check_ES9a.

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

**NHBS-MSM Behavioral Eligibility**

**ES9a.** Have you ever had vaginal or anal sex with a woman?

*Eligibility: MSM, Ever had sex with woman*

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

**ES9b.** Have you ever had oral or anal sex with a man?

*Eligibility: MSM, Ever had sex with man*

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

**NHBS-MSM Venue Attendance**

In the past **30 days**, how many times have you gone to a place where gay men hang out, meet, or socialize? These could include bars, clubs, social organizations, parks, gay businesses, bookstores, sex clubs, etc. Do not include places where you are employed.

**ES9c.**

*Venue attendance, 30 days*

<table>
<thead>
<tr>
<th>Range</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 700</td>
<td></td>
</tr>
<tr>
<td>Don’t Know</td>
<td>999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>777</td>
</tr>
</tbody>
</table>
Check_ES10.  Go to INTRO_ES18.

NHBS-IDU Behavioral Eligibility

Have you ever in your life shot up or injected any drugs other than those prescribed for you? By shooting up, I mean any time you might have used drugs with a needle, either by mainlining, skin popping, or muscling.

**ES10.**

_E_EVRINJ_ Eligibility: ever injected

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

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

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

**ES11.**

[_INTERVIEWER_: If today, enter "0"]

_E_LINJN_ IDU ES: When last injected, number

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

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

**ES11a.**

[_INTERVIEWER_: Was this days or months or years?]

_E_LINJU_ IDU ES: When last injected, unit

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

**CALC_E_INJ12.**

_E_INJ12_ injected in last 12 months

_E_INJ12_ = if (_E_LINJN=0), 1, if (_E_LINJU=0 and _E_LINJN<=365), 1, if (_E_LINJU=1 and _E_LINJN<=12), 1, if (_E_LINJU=2 and _E_LINJN <=1), 1, 0)

[Give Respondent Flashcard B.]

Which drug do you inject most often?

**ES12.**

[_READ choices._]

_E_USINJ_ Eligibility, drug usually injected

- Speedball, which is heroin and cocaine together ............................................. 1
- Heroin, by itself......................................................................................... 2
- Powder cocaine, by itself ........................................................................... 3
- Crack cocaine, by itself ............................................................................... 4
- Methamphetamine, also known as meth, crystal meth, speed, or crank .......... 5
- Painkillers, such as Oxycontin, Dilaudid, morphine, Percocet, or Demerol .... 6
- Something else ........................................................................................... 7
- Don’t Know ............................................................................................... 99
<table>
<thead>
<tr>
<th>Check_ES12spec.</th>
<th>If R most often injects ‘something else’ (ES12 EQ 7), go to ES12spec. Else, go to ES13.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES12spec.</td>
<td>INTERVIEWER: Specify other injection drug</td>
</tr>
<tr>
<td>SPECE_ID</td>
<td>Specify other injection drug</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>(text response; max characters = 100)</td>
<td></td>
</tr>
<tr>
<td>Where on your body do you usually inject?</td>
<td></td>
</tr>
<tr>
<td>[INTERVIEWER: Have respondent show ALL injection areas on body. Check for physical signs of injection.]</td>
<td></td>
</tr>
<tr>
<td>ES13.</td>
<td>[DO NOT read choices. CHECK ALL that apply.]</td>
</tr>
<tr>
<td>E_INJBD</td>
<td>Part of body injected</td>
</tr>
<tr>
<td>E_INJBD</td>
<td>Fresh track marks</td>
</tr>
<tr>
<td>E_INJBD</td>
<td>Needle-sized scabs</td>
</tr>
<tr>
<td>E_INJBD</td>
<td>Abscesses</td>
</tr>
<tr>
<td>E_INJBD</td>
<td>Old track marks or scars</td>
</tr>
<tr>
<td>E_INJBD</td>
<td>Injects in covered area</td>
</tr>
<tr>
<td>E_INJBD</td>
<td>Showed injection area(s) but NO physical signs</td>
</tr>
<tr>
<td>Refuse to Answer .......................................................... 7</td>
<td></td>
</tr>
<tr>
<td>HardEdit_ES13.</td>
<td>If interviewer records both physical signs &amp; ‘no physical signs’ of injection (E_INJBD A=1 OR E_INJBD A=1 OR E_INJBD D=1 OR E_INJBD D=1 OR E_INJBD F=1), DISPLAY: &quot;INTERVIEWER: You indicated that the respondent had both physical signs and no physical signs of injection. Clarify and re-enter response to current or prior item as needed.&quot; Then go back to ES13. Else, go to CALC_E_INJSIGN.</td>
</tr>
<tr>
<td>CALC_E_INJSIG.</td>
<td>If R has fresh track marks, needle-sized scabs, or abscesses (E_INJBD A=1 OR E_INJBD A=1 OR E_INJBD D=1), E_INJSIG EQ 1. If R has old track marks or scars, has no physical signs of injection, or has no physical signs of injection and injects in a covered area (E_INJBD D=1 OR E_INJBD F=1 OR (E_INJBD D=1 and E_INJBD F=1)), E_INJSIG EQ 2. If R refused to answer (E_INJBD = REF) or only injected in a covered area (E_INJBD D=1 and E_INJBD F=0), E_INJSIG EQ 0.</td>
</tr>
<tr>
<td>Check_ES14.</td>
<td>If R has only non-recent signs of injection, no physical signs of injection, or has no physical signs of injection and injects in a covered area (E_INJSIG EQ 2), go to ES14. Else, go to CALC_E_INJCT.</td>
</tr>
<tr>
<td>Step-by-step, tell me how you prepare your drugs.</td>
<td></td>
</tr>
<tr>
<td>[INTERVIEWER: Description could include:</td>
<td></td>
</tr>
<tr>
<td>ES14.</td>
<td>--Mix drugs with water or lemon juice/vinegar--Use cooker /Heat drugs--Use filter]</td>
</tr>
<tr>
<td>E_INJPRP</td>
<td>Eligibility, prepare drugs</td>
</tr>
<tr>
<td>Description OK .......................................................... 1</td>
<td></td>
</tr>
<tr>
<td>Description Not OK .................................................... 2</td>
<td></td>
</tr>
<tr>
<td>ES15.</td>
<td>Step-by-step, tell me how you inject your drugs.</td>
</tr>
</tbody>
</table>
[INTERVIEWER: Description could include:
-- Tie off and find vein (IVDU)-- Clean injection site-- Register (IVDU)]

E_HWINJ Eligibility, how is injection done

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

What type of syringe do you usually inject with?

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

ES16. E_STYP Eligibility, type of syringe used

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

CALC_E_INJKNW. E_INJKNW Eligible: Injection knowledge 

E_INJKNW = if ((E_INJPRP=1 AND E_HWINJ=1 AND E_STYP=1),1,0)

CALC_E_INJCT. E_INJCT Eligible: Injection signs or knowledge

E_INJCT = if (E_INJSIG=1 OR (E_INJSIG=2 AND E_INJKNW=1),1,0)

Check_HET_Behavioral_Eligibility.  Go to INTRO_ES18.

NHBS-HET Behavioral Eligibility

Check_INTRO_ES17. If R male or female (ES9 EQ 1 or 2), go to INTRO_ES17.

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

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

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

E_OPPSEX Eligibility: opposite sex partner, past 12 mos.

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

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

Else, go to CALC_E_VAS12.

Check_ES17a. Did you have vaginal sex? By vaginal sex, I mean [if R is male, fill with "you put your penis in her vagina"; if R is female, fill with "he put his penis in your vagina"].

E_VS12 Eligibility: Vaginal sex past 12 mos

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

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

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

ES17b. Eligibility: Anal sex past 12mos
No........................................................................................................ 0
Yes........................................................................................................ 1
Don't Know........................................................................................... 9
Refuse to Answer.............................................................................. 7

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

So, in the last 12 months, you only had oral sex with a [if R is male, fill with "woman"; if R is female, fill with "man"]?

ES17conf. Is that correct?
C_OS12 Eligibility: Oral sex confirmation only
No........................................................................................................ 0
Yes........................................................................................................ 1

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

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

Language Proficiency

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

ES18. How well do you speak English?

[READ choices.]

ENGPFCY English proficiency
Very well................................................................. 1
Well................................................................................. 2
Not well ......................................................................... 3
Not at all........................................................................... 4
Don't Know........................................................................... 9
Refuse to Answer...................................................................... 7

ES19. How well do you speak Spanish?

[READ choices.]

SPNPFCY Spanish proficiency
Very well................................................................. 1
Well........................................................................... 2
Not well................................................................. 3
Not at all................................................................. 4
Don’t Know.................................................................. 9
Refuse to Answer..................................................... 7

Interviewer assessment

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

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

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

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

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

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

Check_ES20e. Go to INTRO_Check_CALC_EL.

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

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

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

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

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

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

CALC_ENDSCR.  
ENDSCR = Current time

END_ES.  
If R NOT eligible for cycle (CYCLE EQ 1 & EL_MSM EQ 0), or (CYCLE EQ 2 & EL_IDU EQ 0), or (CYCLE EQ 3 & EL_HET EQ 0), go to END Section (END).
If R eligible for cycle (CYCLE EQ 1 & EL_MSM EQ 1) or (CYCLE EQ 2 & EL_IDU EQ 1) or (CYCLE EQ 3 & EL_HET EQ 1), DISPLAY: "READ: Congratulations! The computer has selected you to participate in the health survey. Let me tell you about it. [INTERVIEWER: Proceed with the consent process.]" Then go to Consent Section (CN).
NHBS ROUND 5 QUESTIONNAIRE

CONSENT (CN)

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<td>CYCLE</td>
<td>NHBS Cycle</td>
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<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
</tr>
</tbody>
</table>

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

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

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

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

SoftEdit_CN2. If R consented to HIV test (CN2 EQ 1), go to CN3a.
Else, DISPLAY: "INTERVIEWER: You have documented that the person DID NOT consent to HIV counseling and testing. If Respondent agreed to the HIV test, go back to the previous screen and re-enter the consent for HIV testing." Then, go to CN3a.

CN3a. [INTERVIEWER: If you did not offer the person hepatitis testing, enter 'Not offered.']
Do you agree to hepatitis testing?
CNSTHEP1 Consent to hepatitis testing
  No........................................................................................................... 0
  Yes............................................................................................................ 1
  Not offered................................................................................................ 2

Check_CN3b. If MSM cycle (CYCLE EQ 1) or HET cycle & R is female & aged 30 years or younger (CYCLE EQ 3 & GENDER EQ 2 & AGE LE 30), go to CN3b.
Else, go to Check_CN4.

CN3b. [INTERVIEWER: If you did not offer the person STD testing, enter ‘Not offered.’]
Do you agree to STD testing?
CNSTSTD1 Consent to STD testing
  No........................................................................................................... 0
Yes.................................................................................................................. 1
Not offered........................................................................................................... 2

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

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

CN4. Consent to specimen storage

STG1

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

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

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

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

CN5. [READ choices. CHECK ALL that apply.]

DECLINE Reason declined study
DECLINEA You don’t have time
DECLINEB You don’t want to talk about these topics
DECLINEC Some other reason
DECLINED You’d rather not say why

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

#### CORE INTRODUCTION (CI)

<table>
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<tr>
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<tr>
<td>Preloaded Variables</td>
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<td>CYCLE</td>
<td>NHBS Cycle</td>
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<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
</tr>
<tr>
<td>Consent</td>
<td>CN1</td>
<td>CONSENTA</td>
<td>Consent to survey</td>
</tr>
</tbody>
</table>

**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).

**DISPLAY:**

Public reporting burden of this collection of information is estimated to average [if MSM cycle (CYCLE=1), fill with "30"; if IDU cycle (CYCLE EQ 2), fill with "54"; if HET cycle (CYCLE EQ 3), fill with "39" (CI1OMB_F)] minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: CDC, Project Clearance Officer, 1600 Clifton Road, MS D-74, Atlanta, GA 30333, ATTN: PRA (0920-0770). Do not send the completed form to this address.

**CALC_START_C.**

**START_C** Interview start time  
**START_C = Current time**

**INTRO_CORE.**

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

On the next screen, DISPLAY:

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

Then, go to END_CI.

**END_CI.**

Go to Network Section (NS).
NHBS ROUND 5 QUESTIONNAIRE

NETWORK SECTION (NS)

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<tr>
<td>Preloaded variables</td>
<td>--</td>
<td>CYCLE</td>
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</tr>
<tr>
<td>Interviewer Entered Information</td>
<td>IE2</td>
<td>CITY</td>
<td>City</td>
</tr>
<tr>
<td>Interviewer Entered Information</td>
<td>IE10</td>
<td>ISEED</td>
<td>Respondent is a seed</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
</tr>
</tbody>
</table>

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

IDU Network Series [INTRO_NS1 - Check CHECK_INTRO_NS3]

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

IDU Recruiter Relationship

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

[Give Respondent Flashcard C.]

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

NS1. [READ choices. CHECK ALL that apply.]
NS_IREL Relationship to recruiter, IDU
NS_IRELA A relative or family member
NS_IRELB A person you have sex with
NS_IRELC A person you use drugs with or buy drugs from
NS_IRED 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_IREF 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_IREF EQ 1), go to NS1CONF.
If recruiter was not a stranger (NS_IREF NE 1), go to INTRO_NS2a.1.

When and where did you first see this person?

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

NS1CONF. When and where did you first see this person?

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."

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.1. How many people 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 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. How many women do you know who inject and whom you have seen in the past 30 days? [If R is not a
seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are female."]

NS_IDUFE # female IDUs known: net size

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

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

CALC_NSC_IDUM. # male IDUs known: calculated

NSC_IDUM net size

NSC_IDUM = if(NS_IDUMA=DK OR NS_IDUMA=REF,0,NS_IDUMA)

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

CALC_NSC_IDUS.
# IDUs known: calculated net
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 ZERO 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.

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?"]

NS2CONFb. 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.

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?

NS2CONFc. 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.**

<table>
<thead>
<tr>
<th>NS_IDUF2</th>
<th># female IDUs known: net size , 2nd loop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>........................................................................ 0 - 7500</td>
</tr>
<tr>
<td>Don't Know</td>
<td>........................................................................ 9999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>........................................................................ 7777</td>
</tr>
</tbody>
</table>

**Check_CALC_NS_IDUM2.** If (NS2a.2 EQ DK or REF) & (NS2b.2 EQ DK or REF), go to CALC_ENDNS. Else, go to CALC_NS_IDUM2.

**CALC_NS_IDUM2.**

<table>
<thead>
<tr>
<th>NS_IDUM</th>
<th># male IDUs known: calculated net size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NS_IDUM = if(NS_IDUM2=.DK OR NS_IDUM2=.REF,0,NS_IDUM2)</td>
</tr>
</tbody>
</table>

**CALC_NS_IDUF2.**

<table>
<thead>
<tr>
<th>NS_IDUF</th>
<th># female IDUs known: calculated net size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NS_IDUF = if(NS_IDUF2=.DK OR NS_IDUF2=.REF,0,NS_IDUF2)</td>
</tr>
</tbody>
</table>

**CALC_NS_IDUS2.**

<table>
<thead>
<tr>
<th>NS_IDUS</th>
<th># IDUs known: calculated net size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NS_IDUS = NS_IDUM+NS_IDUF</td>
</tr>
</tbody>
</table>

**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?**

**NS2c.2.**

<table>
<thead>
<tr>
<th>NS_ICHK2</th>
<th>Confirmation: NSC_IDUS correct, 2nd loop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes, about right</td>
<td>........................................................................ 0</td>
</tr>
<tr>
<td>No, you actually know FEWER people who inject</td>
<td>........................................................................ 1</td>
</tr>
<tr>
<td>No, you actually know MORE people who inject</td>
<td>........................................................................ 2</td>
</tr>
<tr>
<td>Don't Know</td>
<td>........................................................................ 9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>........................................................................ 7</td>
</tr>
</tbody>
</table>

**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?**

[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."

**NS3CONF.**

- **NS_RSTRH** Confirmation: recruiter is a stranger
  - Recruiter is a stranger .............................................................. 1
  - Recruiter is NOT a stranger .................................................. 2

**Check_INTRO_NS4a.1.**

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

If R confirms that recruiter was a stranger (NS3CONF EQ 1), go to INTRO_NS4a.1.

**HET Network Size: First Loop**

**INTRO_NS4a.1.**

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

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

**NS4a.1.**

- **NS_HETMA** # males known: net size
  - Range ...................................................................................... 0 - 7500
  - Don't Know ............................................................................. 9999
  - Refuse to Answer ...................................................................... 7777
How many female friends, relatives, or people you associate with have you seen in the past 30 days, who are at least 18 years old, and live in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)]? [If R is not a seed (IE10 EQ 0), fill with "Please include the person who gave you the coupon if they are female."]

**NS4b.1.**

### NS_HETF

**# females known: net size**

<table>
<thead>
<tr>
<th>Range</th>
<th>Net size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 7500</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7777</td>
</tr>
</tbody>
</table>

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

**CALC_NSC_HETM.**

**# males known: calculated**

| NSC_HETM = if(NS_HETMA=.DK OR NS_HETMA=.REF,0,NS_HETMA) |

**CALC_NSC_HETF.**

**# females known: calculated**

| NSC_HETF = if(NS_HETFE=.DK OR NS_HETFE=.REF,0,NS_HETFE) |

**CALC_NSC_HETS.**

**# HETs known: calculated net**

| NSC_HETS = NSC_HETM+NSC_HETF |

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

**NS4CONFa.** You said you haven’t seen anyone in the past 30 days in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] who is a friend, relative, or someone you associate with who is at least 18 years old. Is this correct? [If R is not a seed (IE10 EQ 0), fill with "Did you include the person who gave you the coupon?"]

| NS_HZERO = Confirmation: NSC_HETS = 0 |
| No - - DOES know others | 0 |
| Yes - - does NOT know any others | 1 |

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

**NS4CONFb.** Is there anyone else you know in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] who is a friend, relative, or someone you associate with who is at least 18 years old who you’ve seen in the past 30 days? [If R is not a seed (IE10 EQ 0), fill with "Did you include the person who gave you the coupon?"]

| NS_HLOWS = Confirmation: NSC_HETS < 4 |
| No - - Does NOT know any others | 0 |
| Yes - - DOES know others | 1 |
Check_NS4CONFc.  If R does not know others (NS4CONFb EQ 0), go to CALC_ENDNS.
If R does know others (NS4CONFb EQ 1), DISPLAY: "INTERVIEWER: Please re-enter the correct network size." Then, go to NS4a.2.

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?

NS4CONFc.  NS_HCHCK  Confirmation: NSC_HETS correct
Yes, about right.......................................................... 0
No, you actually know FEWER people ................................ 1
No, you actually know MORE people............................... 2
Don't Know....................................................................... 9
Refuse to Answer............................................................ 7

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

HET Network Size: Second Loop

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.2.  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_NSCHETM2.  If (NS4a.2 EQ DK or REF) & (NS4b.2 EQ DK or REF), go to CALC_ENDNS.
Else, go to CALC_NSCHETM2.

CALC_NSCHETM2.  # males known: calculated
NSC_HETM  net size  NSC_HETM = if(NS_HETM2=.DK OR NS_HETM2=.REF,0,NS_HETM2)

CALC_NSCHETF2.  # females known: calculated
NSC_HETF  net size  NSC_HETF = if(NS_HETF2=.DK OR NS_HETF2=.REF,0,NS_HETF2)
So in the past 30 days, you've seen [fill with NSC_HETS] friends, relatives, or people you associate with that live in
[if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from
IE2)] and are at least 18 years old. Would you say that [fill with NSC_HETS] people is about right?

Confirmation: NSC_HETS correct, 2nd loop

<table>
<thead>
<tr>
<th>Option</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes, about right</td>
<td>0</td>
</tr>
<tr>
<td>No, you actually know FEWER people</td>
<td>1</td>
</tr>
<tr>
<td>No, you actually know MORE people</td>
<td>2</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

Time network section ended ENDNS = Current time

Go to Demographic Section (DM).
Variables from prior section(s) used in this section of the questionnaire

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preloaded variables</td>
<td>--</td>
<td>CYCLE</td>
<td>NHBS Cycle</td>
</tr>
<tr>
<td>Preloaded variables</td>
<td>--</td>
<td>IDATE</td>
<td>Interview date</td>
</tr>
<tr>
<td>Interviewer Entered Information</td>
<td>IE2</td>
<td>CITY</td>
<td>City</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>ES1</td>
<td>DOB</td>
<td>Date of birth</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
<td></td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
<td></td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
<td></td>
</tr>
<tr>
<td>Consent</td>
<td>CN1</td>
<td>CONSENTA</td>
<td>Consent to survey</td>
</tr>
</tbody>
</table>

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

CALC_BEGDM. Time at beginning of DM

BEGDM 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

<table>
<thead>
<tr>
<th>Answer</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

Check_DM1a. If R homeless in last 12 months (DM1 EQ 1), go to DM1a.

Else, go to Check_DM2.

DM1a. Are you currently homeless?

CURHMLSS Currently homeless

<table>
<thead>
<tr>
<th>Answer</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

Else, go to DM3.
**DM2.** What zip code do you live in?  
**ZIP**  
Zip code  
__ __ __ __ __  
Range: 00000-99501  
Don't Know: 999999  
Refuse to Answer: 777777  

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

**Nativity**

**DM3.** Next, I would like to ask you some questions about your background. What **country** were you born in?  
**COUNTRY**  
Country of birth  
United States: 1  
Mexico: 2  
Puerto Rico: 3  
Cuba: 4  
Other: 5  
Don't Know: 9  
Refuse to Answer: 7  

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

**DM3spec.** **INTERVIEWER:** Specify other country of birth  
**SPECBORN**  
Specify country of birth  
__ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __  
{text response; max length = 100 characters}

**Check_DM3a.** If R interviewed in San Juan & born in Mexico, Cuba, or 'other' country (IE2 EQ 23 & DM3 EQ 2, 4, or 5) or R interviewed in any other city & born in Mexico, Puerto Rico, Cuba, or 'other' country (IE2 NE 23 & DM3 EQ 2, 3, 4, or 5), go to DM3a. Else, go to Check_DM3b1.

**DM3a.** What year did you first come to live in the United States?  
**YEARUSA**  
Year first came to US  
__ __ __ __  
Range: 1900-2100  
Don't Know: 9999  
Refuse to Answer: 777777  

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

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

Check_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

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?

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

[READ choices.]

EMPSTAT Employment status
- Employed full-time .............................................................. 1
- Employed part-time .................................................................. 2
- A homemaker ........................................................................... 3
- A full-time student ................................................................. 4
- Retired ..................................................................................... 5
- Unable to work for health reasons ........................................... 6
- Unemployed ............................................................................. 7
- Other ....................................................................................... 8
- Don't Know ............................................................................ 99
- Refuse to Answer .................................................................... 77

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

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

[Give Respondent Flashcard E.]

HHINCOM Household Income
- A - 0 to $416 (M) 0 to $4,999 (Y) .................................................. 0
- B - $417 to $833 (M) $5,000 to $9,999 (Y) ................................. 1
- C - $834 to $1041 (M) $10,000 to $12,499 (Y) ......................... 2
- D - $1042 to $1249 (M) $12,500 to $14,999 (Y) ....................... 3
- E - $1250 to $1666 (M) $15,000 to $19,999 (Y) ...................... 4
- F - $1667 to $2083 (M) $20,000 to $24,999 (Y) ................... 5
- G - $2084 to $2499 (M) $25,000 to $29,999 (Y) ....................... 6
- H - $2500 to $2916 (M) $30,000 to $34,999 (Y)...................... 7
- I - $2917 to $3333 (M) $35,000 to $39,999 (Y) .................... 8
- J - $3334 to $4166 (M) $40,000 to $49,999 (Y) .................... 9
- K - $4167 to $4999 (M) $50,000 to $59,999 (Y) .................. 10
- L - $5000 to $6249 (M) $60,000 to $74,999 (Y) .................. 11
- M - $6250 or more (M) $75,000 or more (Y) ...................... 12
- Don't Know ............................................................................ 99
- Refuse to Answer .................................................................... 77
Check_DM7a.
If R reported income (DM7 GE 0 & LE 12), go to DM7a.
Else, go to INTRO_DM8.

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

[INTERVIEWER: Must be at least 1.]

DEPEND
Number of dependents

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

Health Care Access & Utilization

INTRO_DM8.
DISPLAY: "The next questions are about health insurance. By health insurance, we mean health plans people get through employment or purchased directly, as well as government programs like Medicare and Medicaid that provide medical care or help pay medical bills."

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

CURRHLTH Currently insured

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

Check_DM8a.
If R currently insured (DM8 EQ 1), go to DM8a.
Else, go to DM8b.

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

[Give Respondent Flashcard F.]

[READ choices. CHECK ALL that apply.]

TYP_INS Type of health insurance
TYP_INSA A private health plan - through an employer or purchased directly
TYP_INSB Medicaid - for people with low incomes
TYP_INSC Medicare - for the elderly and people with disabilities
TYP_INSD Some other government plan
TYP_INSE TRICARE / CHAMPUS
TYP_INSF Veterans Administration coverage
TYP_INSG Some other health insurance

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

Check_DM8aspec.
If R reported ‘other’ insurance type (TYP_INSG EQ 1), go to DM8aspec.
Else, go to DM8b.

DM8aspec. INTERVIEWER: Specify other health insurance or coverage:

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

SRCCAREA Have a usual source of care
No.......................................................... 0
Yes.......................................................... 1
Don’t Know................................................. 9
Refuse to Answer......................................... 7

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

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

SRCCAREB Why no usual source of care
There is NO place........................................... 1
There is more than one place............................ 2
Don’t Know................................................. 9
Refuse to Answer......................................... 7

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

DM8c. What kind of place [if R has usual source of care (DM8b EQ 1), fill with "is it", else, fill with "do you go to most often"] - a clinic, doctor’s office, emergency room, or some other place?

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

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

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

Check_DM8e.1 If whether R saw health care provider not reported (DM8d EQ DK or REF), go to DM8f. If R saw health care provider (DM8d EQ 1), go to DM8e.1 If R did NOT see health care provider (DM8d EQ 0), go to DM8e.2

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

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

<table>
<thead>
<tr>
<th>When last visited health care provider</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>More than 1 year ago but less than 2 years ago</td>
<td>1</td>
</tr>
<tr>
<td>2 to 5 years ago</td>
<td>2</td>
</tr>
<tr>
<td>More than 5 years ago</td>
<td>3</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Lacked health care due to cost</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

Disability

INTRO_DM9a DISPLAY: "The next questions are about your overall health."

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

DISDEAF Disability - Hearing

<table>
<thead>
<tr>
<th>No</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

DISBLND Disability - Vision

<table>
<thead>
<tr>
<th>No</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

DISCOGN Disability - Cognition

<table>
<thead>
<tr>
<th>No</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

DISWALK Disability - Ambulation

<table>
<thead>
<tr>
<th>No</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>
DM9e. Do you have difficulty dressing or bathing?

<table>
<thead>
<tr>
<th></th>
<th>Disability - Self-care</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>................................................................. 0</td>
</tr>
<tr>
<td>Yes</td>
<td>................................................................. 1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.................................................................. 9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.................................................. 7</td>
</tr>
</tbody>
</table>

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

DM9f.

<table>
<thead>
<tr>
<th></th>
<th>Disability - Errands</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>................................................................. 0</td>
</tr>
<tr>
<td>Yes</td>
<td>................................................................. 1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.................................................................. 9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.................................................. 7</td>
</tr>
</tbody>
</table>

INTRO_DM10. If MSM cycle (CYCLE EQ 1), DISPLAY: “The next questions are about people you are attracted to.”

If IDU or HET cycle (CYCLE EQ 2 OR 3), DISPLAY: “The next question is about people you are attracted to.”

Sexual identity

DM10. Do you consider yourself to be:

[READ choices.]

<table>
<thead>
<tr>
<th></th>
<th>Sexual identity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heterosexual or “Straight”</td>
<td>.......................................................... 1</td>
</tr>
<tr>
<td>Homosexual, Gay, or Lesbian</td>
<td>.................................................. 2</td>
</tr>
<tr>
<td>Bisexual</td>
<td>............................................................... 3</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.................................................................. 9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.................................................. 7</td>
</tr>
</tbody>
</table>

CALC_ENDDM.

ENDDM

Time demographics section ended

ENDDM = Current time

END_DM. Go to Social Experiences Section (SO).
NHBS ROUND 5 QUESTIONNAIRE

SOCIAL EXPERIENCES (SO)

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

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

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

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

Identity disclosure

SO1. Have you ever told anyone that you are attracted to or have sex with men?
OUT_YN
Disclosed sexuality - Anyone
No................................................................. 0
Yes.............................................................................. 1
Don’t Know.......................................................... 9
Refuse to Answer.................................................. 7

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

Identity disclosure index

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

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

SO2a. Friends who are 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
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

Internet use

INTRO_SO5.  DISPLAY: "READ: The next question is about using the internet, including social network sites, like Facebook, websites directed towards gay men, like Manhunt, dating sites like OkCupid, or apps, like Grindr."

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

[Give Respondent Flashcard H.]

SO5.  [READ choices.]
MSMWEB  M_M Internet usage
More than once a day ............................................. 4
Once a day .......................................................... 3
More than once a week ......................................... 2
Once a week or less ............................................. 1
Never ............................................................... 0
Don't Know ......................................................... 9
Refuse to Answer .................................................. 7
<table>
<thead>
<tr>
<th>CALC_ENDSO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDSO</td>
</tr>
<tr>
<td>END_SO.</td>
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</tbody>
</table>
### NHBS ROUND 5 QUESTIONNAIRE

#### SEXUAL BEHAVIOR (SX)

<table>
<thead>
<tr>
<th>Variables from prior section(s) used in this section of the questionnaire</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Section</strong></td>
</tr>
<tr>
<td>Preloaded variables</td>
</tr>
<tr>
<td>Preloaded variables</td>
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<td>Preloaded variables</td>
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<td>Preloaded variables</td>
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<tr>
<td>Preloaded variables</td>
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<tr>
<td>Eligibility Screener</td>
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<td>Eligibility Screener</td>
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<tr>
<td>Consent</td>
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<td>Eligibility Screener</td>
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<tr>
<td>Eligibility Screener</td>
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<tr>
<td>Eligibility Screener</td>
</tr>
</tbody>
</table>

#### 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. Time at beginning of SX

| BEGSX 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 genital or anal sex with a woman?
M_F sex y/n
M_FEVER
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_F Age at sexual debut
M_FDEBUT
__ __
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

In the past 12 months, that is, since [fill with interview month, formatted as text] of last year, with how many different women have you had oral, vaginal, or anal sex?
M_F Number of partners in last 12 months
SX3.
M_FSX12
__ __ __ __
Range.......................................................................................................... 0-7000
Don’t Know.................................................................................................. 9999
Refuse to Answer.......................................................................................... 7777

Check_SX3conf. If HET cycle (CYCLE EQ 3) & R reports 0 female partners (SX3 EQ 0), go to SX3conf.
Else, go to Check_INTRO_SX4.

SX3conf. I would like to clarify your response. You indicated that you haven’t had sex with a woman in the past 12 months.
Is that correct?
C_M_F
M_F Conf. had sex in past year - HET
No - HAS had female partner........................................................................ 0
Yes - Has NOT had female partner.................................................................. 1
Don’t Know..................................................................................................... 9
Refuse to Answer............................................................................................ 7
**HardEdit_SX3conf.** If R reports sex with a woman in past 12 months (SX3conf. EQ 0), DISPLAY: "INTERVIEWER: Please clarify then re-enter the number of women respondent had sex with in the past 12 months." Then, go back to SX3. Else, go to Check_INTRO_SX4.

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

**M_F: Total Main & Casual Ps, 12m**

One Partner (.o)

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

[Give Respondent Flashcard J]."

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

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

**M_F1SX**

<table>
<thead>
<tr>
<th>M_F Type of partner - single</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Main partner</td>
<td>1</td>
</tr>
<tr>
<td>Casual partner</td>
<td>2</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

**Check_INTRO_SX5a.** Go to Check_INTRO_SX6a.

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**

<table>
<thead>
<tr>
<th>M_FM Number of main partners - 12 months</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>0-7000</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7777</td>
</tr>
</tbody>
</table>

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

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

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

<table>
<thead>
<tr>
<th>Range</th>
<th>0-7000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don’t Know</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7777</td>
</tr>
</tbody>
</table>

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

M_F: Main Ps - Vaginal Sex, 12m

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

VS - One Main Partner

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

SX6a.o. In the past 12 months, did you have vaginal sex with this woman?
M_FM1VS M_FM VS partners - 12 months - y/n

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

Check_INTRO_SX6a.m. Go to Check_SX6b.o.

VS - Multiple Main Partners

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

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

| __ | __ | __ |
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

<table>
<thead>
<tr>
<th>SX6b.o.</th>
<th>In the past 12 months, did you have vaginal sex with her without using a condom?</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_FM1UVS</td>
<td>M_FM UVS partners - 12 months - y/n</td>
</tr>
<tr>
<td>No.</td>
<td>0</td>
</tr>
<tr>
<td>Yes.</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

Check_SX6b.m.  Go to Check_SX6c.o.

UVS - Multiple Main VS Partners

<table>
<thead>
<tr>
<th>SX6b.m.</th>
<th>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?</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_FMUVS</td>
<td>M_FM UVS partners - 12 months - number</td>
</tr>
<tr>
<td>__ __ __</td>
<td>0-7000</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7777</td>
</tr>
</tbody>
</table>

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 1 or SX5a EQ 1), go to SX6c.o. Else, go to SX6c.m.

M_F: Main Ps - Anal Sex, 12m

AS - One Main Partner

<table>
<thead>
<tr>
<th>SX6c.o.</th>
<th>In the past 12 months, did you have anal sex with this woman?</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_FM1AS</td>
<td>M_FM AS partners - 12 months - y/n</td>
</tr>
<tr>
<td>No.</td>
<td>0</td>
</tr>
<tr>
<td>Yes.</td>
<td>1</td>
</tr>
</tbody>
</table>
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?

<table>
<thead>
<tr>
<th>M_FMAS</th>
<th>M_FM AS partners - 12 months - number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Range: 0-7000</td>
</tr>
<tr>
<td></td>
<td>Don't Know: 9999</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer: 7777</td>
</tr>
</tbody>
</table>

**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?

<table>
<thead>
<tr>
<th>M_FM1UAS</th>
<th>M_FM UAS partners - 12 months - y/n</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Range: 0</td>
</tr>
<tr>
<td></td>
<td>Don't Know: 9999</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer: 7777</td>
</tr>
</tbody>
</table>

**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?

<table>
<thead>
<tr>
<th>M_FMUAS</th>
<th>M_FM UAS partners - 12 months - number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Range: 0-7000</td>
</tr>
<tr>
<td></td>
<td>Don't Know: 9999</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer: 7777</td>
</tr>
</tbody>
</table>

**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

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?

SX7b.m.  M_FOUVS  M_FC UVS partners - 12 months - number

| — — — — | 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.

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

M_F: Casual Ps – Anal Sex, 12m

AS - One Casual Partner

In the past 12 months, did you have anal sex with this woman?

SX7c.o.  M_FD1AS  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

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

SX7c.m.  M_FOAS  M_FC AS partners - 12 months - number

| — — — — | 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 vaginal sex 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 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.**

**M_FOMEG**

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_FC** Multiple exchange gave

<table>
<thead>
<tr>
<th>Range</th>
<th>0-7000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don’t Know</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7777</td>
</tr>
</tbody>
</table>

**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 MSM cycle (CYCLE EQ 1), go to SX10.

Else, go to SX9.

**SX9.**

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

**M_MEVER**

M_M Sex with men - y/n

<table>
<thead>
<tr>
<th>No</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>
Check_SX10. If R reports sex with a man (SX9 EQ 1), go to SX10.
Else, go to CALC_BEGPXP.

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

| — — — — | Range | 0-70 |
| — — — — | Don’t Know | 99 |
| — — — — | Refuse to Answer | 77 |

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

M_M: Total Ps, 12m

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

SX11. M_MSX12 M_M Number of male partners - 12 months

| — — — — | Range | 0-7000 |
| — — — — | Don’t Know | 9999 |
| — — — — | Refuse to Answer | 7777 |

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

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

| — — — — | Range | 1-99 |
| — — — — | Don’t Know | 99 |
| — — — — | Refuse to Answer | 77 |

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

Check_INTRO_SX12. If R reports more than 1 male sex partner (SX11 GT 1), go to INTRO_SX13a.
Else, go to INTRO_SX12.
**M_M: Total Main & Casual Ps, 12m**

One Partner (.o)

| INTRO_SX12. | On one screen, DISPLAY: "READ: Now I’m going to ask you to describe this sex partner as either a main or casual partner.

[Give Respondent Flashcard L."

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

<table>
<thead>
<tr>
<th>SX12.</th>
<th>Was this man a main partner or a casual partner?</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_M1SX</td>
<td>M_M Type of partner - single</td>
</tr>
<tr>
<td>Main partner ................................................</td>
<td>1</td>
</tr>
<tr>
<td>Casual partner ...............................................</td>
<td>2</td>
</tr>
<tr>
<td>Don’t Know ..................................................</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer ...........................................</td>
<td>7</td>
</tr>
</tbody>
</table>

| 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."

<table>
<thead>
<tr>
<th>SX13a.</th>
<th>Of the [fill with &quot;# male partners (SX11)&quot;] men you’ve had oral or anal sex with in the past 12 months, how many of them were main partners?</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_MMSX</td>
<td>M_MM Number of main partners - 12 months</td>
</tr>
<tr>
<td>Range ........................................................................</td>
<td>0-7000</td>
</tr>
<tr>
<td>Don’t Know ..................................................................</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer ..................................................</td>
<td>7777</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HardEdit_SX13a.</th>
<th>If # male main partners GT # male partners (SX13a GT SX11), DISPLAY: &quot;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.&quot; Then, go back to SX13a.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Else, go to Check_SX13b.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Check_SX13b.</th>
<th>If # male main partners EQ # male partners (SX13a EQ SX11), go to Check_INTRO_SX14a.o.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Else, go to SX13b.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SX13b.</th>
<th>How many were casual partners?</th>
</tr>
</thead>
<tbody>
<tr>
<td>M_MCSX</td>
<td>M_MC Number of casual partners - 12 months</td>
</tr>
<tr>
<td>__ __ __ __</td>
<td>__ __ __ __</td>
</tr>
</tbody>
</table>
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_MMMUAS 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_MMMUAS 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_SX15a.o.

M_M: Casual Ps – Anal Sex, 12m

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

AS - One Casual Partner

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

SX15a.o. In the past 12 months, did you have anal sex with this man?
M_MO1AS M_MC AS partner - 12 months - y/n
No...................................................................................................... 0
Yes..................................................................................................... 1
Don’t Know......................................................................................... 9
Refuse to Answer.............................................................................. 7

Check_SX15a.m. Go to Check_SX15b.o.
AS - Multiple Casual Partners

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

**SX15a.m.**

<table>
<thead>
<tr>
<th>M_MOAS</th>
<th>M_MC AS partners - 12 months - number</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ __ __</td>
<td>Range ......................................</td>
</tr>
<tr>
<td>Don’t Know ..................................</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer ................................</td>
<td>7777</td>
</tr>
</tbody>
</table>

**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?

<table>
<thead>
<tr>
<th>M_MO1UAS</th>
<th>M_MC UAS partner - 12 months - y/n</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.................................................</td>
<td>0</td>
</tr>
<tr>
<td>Yes..................................................</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know .......................................</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer ..................................</td>
<td>7</td>
</tr>
</tbody>
</table>

**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?

<table>
<thead>
<tr>
<th>M_MOUAS</th>
<th>M_MC UAS partners - 12 months - number</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ __ __</td>
<td>Range ......................................</td>
</tr>
<tr>
<td>Don’t Know .......................................</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer ..................................</td>
<td>7777</td>
</tr>
</tbody>
</table>

**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_BEGXP.

### 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?*

<table>
<thead>
<tr>
<th>M_MO1EG</th>
<th>M_MO Single exchange gave</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>........................................</td>
</tr>
<tr>
<td>Yes</td>
<td>........................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.......................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.......................................</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>M_MO1ER</th>
<th>M_MO Single exchange received</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>........................................</td>
</tr>
<tr>
<td>Yes</td>
<td>........................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.......................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.......................................</td>
</tr>
</tbody>
</table>

**Check SX15c.m.**
Go to CALC_BEGXP.

### EX - Multiple Casual Partners

**SX15c.m.**
*Of your [fill with male 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?*

<table>
<thead>
<tr>
<th>M_MOMEG</th>
<th>M_MO Multiple exchange gave</th>
</tr>
</thead>
<tbody>
<tr>
<td>— — — —</td>
<td>Range ................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.......................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.......................................</td>
</tr>
</tbody>
</table>

**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 male casual partners (SX13b)] male casual partners in the past 12 months, how many gave you money or drugs to have sex with them?*

<table>
<thead>
<tr>
<th>M_MOMER</th>
<th>M_MO Multiple exchange received</th>
</tr>
</thead>
<tbody>
<tr>
<td>— — — —</td>
<td>Range ................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.......................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.......................................</td>
</tr>
</tbody>
</table>
HardEdit_SX15d.m. If # exchange partners GT # casual partners (SX15d.m GT SX13b), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of male casual partners). Clarify and re-enter response to current or prior item as needed." Then, go back to SX15d.m.
Else, go to CALC_BEGPXP.

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

Universe_F_MSeries. All female Rs (ES9 EQ 2).

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

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

[Give Respondent Flashcard I]."

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

F_M: Sex with male Ps, lifetime

Check_SX17. If IDU cycle (CYCLE EQ 2), go to SX17.
If HET cycle (CYCLE EQ 3), go to SX18.

SX17. Have you ever had vaginal sex or anal sex with a man?
F_MEVER F_M sex y/no
No.............................................................................................................. 0
Yes............................................................................................................. 1
Don't Know.............................................................................................. 9
Refuse to Answer..................................................................................... 7

Check_SX18. If R ever had sex with male partner (SX17 EQ 1), go to SX18.
Else, go to CALC_F_MHET.

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

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

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

C_F_M  
F_M Conf. had sex in past year - HET

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

HardEdit_SX19conf.  If R reports sex with a man in past 12 months (SX19conf. EQ 0), DISPLAY: "INTERVIEWER: Please clarify then re-enter the number of men respondent had sex with in the past 12 months." Then, go back to SX19.
Else, go to Check_INTRO_SX20.

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

One Partner (.o)

INTRO_SX20.  On one screen, DISPLAY: "READ: Now I'm going to ask you to describe this sex partner as either a main or casual partner.

[Give Respondent Flashcard L.]

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

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

F_M1SX  
F_M Type of partner - single

Main partner ........................................................................................ 1
Casual partner ..................................................................................... 2
Don't Know........................................................................................ 9
Refuse to Answer.................................................................................. 7
Check_INTRO_SX21a. Go to Check_INTRO_SX22a.o.

Multiple Partners (.m)

INTRO_SX21a. On one screen, DISPLAY: "READ: Now I’m going to ask you to describe these sex partners as either main or casual partners.

[Give Respondent Flashcard L.]

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

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

F_MMSX F_MM Number of main partners - 12 months

<table>
<thead>
<tr>
<th></th>
<th>0-7000</th>
<th>9999</th>
<th>7777</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
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<td></td>
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<tr>
<td>Don’t Know</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>0-7000</th>
<th>9999</th>
<th>7777</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Don’t Know</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

Else, go to 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.
**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?

<table>
<thead>
<tr>
<th>Response</th>
<th>Code</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>

**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?

<table>
<thead>
<tr>
<th>Range</th>
<th>Code</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-7000</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>9999</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>7777</td>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>

**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?

<table>
<thead>
<tr>
<th>Response</th>
<th>Code</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Response</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
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</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

Check SX22d.m. Go to Check_INTRO_SX23a.o.

UAS - Multiple Main AS Partners

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?

<table>
<thead>
<tr>
<th>Range</th>
<th>Count</th>
</tr>
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<tbody>
<tr>
<td>0-7000</td>
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<tr>
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<td>7777</td>
</tr>
</tbody>
</table>

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.

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."

In the past 12 months, did you have vaginal sex with this man?

<table>
<thead>
<tr>
<th>Response</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
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<td>9</td>
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<td>Refuse to Answer</td>
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</tr>
</tbody>
</table>

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 (SX21)] 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."

Of your [fill with # casual partners (SX21)] male casual partners in the past 12 months, with how many did you have vaginal sex?

SX23a.m.  
F_MCVS  
F_MCVS 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 SX21), 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_MO1UVS 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_MCUVS 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?

<table>
<thead>
<tr>
<th>F_MO1AS</th>
<th>F_MC AS partner - 12 months - y/n</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>....................................</td>
</tr>
<tr>
<td>Yes</td>
<td>.....................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>....................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>....................................</td>
</tr>
</tbody>
</table>

**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?

<table>
<thead>
<tr>
<th>F_MCAS</th>
<th>F_MC AS partners - 12 months - number</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ __ __ __</td>
<td>...........................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.....................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.....................................</td>
</tr>
</tbody>
</table>

**HardEdit_SX23c.m.**

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

Else, go to Check_SX23d.o.

**Check_SX23d.o.**

If 1 casual AS partner ((SX23c.o EQ 1) or (SX23c.m EQ 1)), go to SX23d.o.

If multiple casual AS partners (SX23c.m GT 1), go to SX23d.m.

If no casual AS partners ((SX23c.o EQ 0, DK, or REF) or (SX23c.m EQ 0, DK, or REF)), go to Check_SX23e.o.

UAS - One Casual AS Partner

**SX23d.o.**

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

<table>
<thead>
<tr>
<th>F_MO1UAS</th>
<th>F_MC UAS partner - 12 months - y/n</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>....................................</td>
</tr>
<tr>
<td>Yes</td>
<td>.....................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>....................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>....................................</td>
</tr>
</tbody>
</table>

**Check_SX23d.m.**

Go to Check_SX23e.o.

UAS - Multiple AS Casual Partners

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?

<table>
<thead>
<tr>
<th>F_MCUAS</th>
<th>F_MC UAS partners - 12 months - number</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ __ __ __</td>
<td>...........................................</td>
</tr>
</tbody>
</table>
### HardEdit_SX23d.m.

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

Else, go to Check_SX23e.o.

### Check_SX23e.o.

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

### F_M: Casual Ps – Exchange Sex, 12m

#### EX - One Casual Partner

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

<table>
<thead>
<tr>
<th>F_MC1ER</th>
<th>F_MC1 Single exchange received</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

#### Check_SX23e.m. Go to CALC_F_MHET.

#### EX - Multiple Casual Partners

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?

<table>
<thead>
<tr>
<th>F_MCMER</th>
<th>F_MC Multiple exchange received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>0-7000</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7777</td>
</tr>
</tbody>
</table>

### HardEdit_SX23e.m.

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

Else, go to CALC_F_MHET.

### CALC_F_MHET.

F_MHET = IF ((F_MSX12=.DK or F_MSX12=.REF), 9, IF ((F_MSX12=0), 0, IF((F_MSX12=1),1, if ((F_MSX12>1),1,0))))

### Check_SX26.

If HET cycle & R reported 0 opposite-sex partners (CYCLE EQ 3 & F_MHET NE 1), go to CALC_ENDCORE.

Else, go to CALC_BEGPXP.
PxPSeries: Partner-by-Partner (CALC_PS12PXP – SX72b)

CALC_BEGPXP.

**BEGPXP**  
Time at beginning of PxP series  
**BEGPXP = Current time**

CALC_PS12PXP.

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

CALC_ASANY12M.

**ASANY12M**  
Any anal sex, 12m, for PxP logic  
If R reported anal sex in p 12m (M_FM1AS or M_FMAS or F_MM1AS or F_MMAS or M_MO1AS or M_MOAS or M_MM1AS or M_MMAS or M_MO1AS or M_MOAS or F_MM1AS or F_MMAS or F_MO1AS or F_MOAS GE 1 & NE DK, REF, or SK), ASANY12M=1. Else, ASANY12M=0.

CALC_EXANY12M.

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

CALC_VSANY12M.

**VSANY12M**  
Any vaginal sex, 12m, for PxP logic  
If R reported vaginal sex in p12m, (M_FM1VS or M_FMVS or M_MO1VS or M_MCVS or F_MM1VS or F_MCVS or F_M.CV or F_M.CV GE 1 & NE DK, REF, or SK), VSANY12M=1. Else, VSANY12M=0.

Check_INTRO_PxPSeries.

If R is male & 1+ male or female Ps or R is female & had 1+ male Ps in past 12m (PS12PXP GE 1), go to INTRO_PxPSeries.  
Else go to Check_INTRO_SX73a.

Universe_PxPSeries.

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

PxP: Number of Partners, 3m

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

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

On the next screen, DISPLAY: "READ: For these questions, having sex means [if R is male (ES9 EQ 1) and had only male sex partners (M_MSX12 GE 1 and (M_FSX12 EQ 0, DK, REF, or SK)), fill with "oral or anal", else fill with "oral, vaginal, or anal"] sex.

**Check SX27a.**

- If R is male & had 1 female partner in p 12m (ES9 EQ 1 & SX3 EQ 1), go to SX27a.
- If R is male & had multiple female partners in p 12m (ES9 EQ 1 & (SX3 GE 2)), go to SX27b.
- Else, go to Check SX27c.

**SX27a.**

Earlier, you told me that you had sex with one woman during the past 12 months. Have you had sex with her during the past 3 months, that is, since [[fill with interview month - 3, formatted as text] of this year]?

<table>
<thead>
<tr>
<th>FP3MYN</th>
<th>Had female partner, 3m-y/n</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. ..................................................................................................................</td>
<td>0</td>
</tr>
<tr>
<td>Yes...................................................................................................................</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know ......................................................................................................</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer ............................................................................................</td>
<td>7</td>
</tr>
</tbody>
</table>

**Check SX27b.**

Go to Check SX27c.

**SX27b.**

How many women have you had sex with in the past 3 months, that is, since [[fill with interview month - 3, formatted as text] of this year]?

<table>
<thead>
<tr>
<th>FEMPS3M</th>
<th>Number female partners, 3m</th>
</tr>
</thead>
<tbody>
<tr>
<td>_______</td>
<td>__________________________</td>
</tr>
<tr>
<td>Range. ..................................................................................................................</td>
<td>0-7000</td>
</tr>
<tr>
<td>Don’t Know ........................................................................................................</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer ..............................................................................................</td>
<td>7777</td>
</tr>
</tbody>
</table>

**HardEdit SX27b.**

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

Else, go to Check SX27c.

**Check SX27c.**

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

**SX27c.**

Earlier, you told me that you had sex with one man during the past 12 months. Have you had sex with him during the past 3 months, that is, since [[fill with interview month - 3, formatted as text] of this year]?

<table>
<thead>
<tr>
<th>MP3MYN</th>
<th>Had male partner, 3m-y/n</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. ..................................................................................................................</td>
<td>0</td>
</tr>
<tr>
<td>Yes...................................................................................................................</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know ......................................................................................................</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer ............................................................................................</td>
<td>7</td>
</tr>
</tbody>
</table>
Check_SX27d. Go to CALC_PS3MPXP.

SX27d. How many men have you had sex with in the past 3 months, that is, since [(fill with interview month - 3, formatted as text) of this year]?

MALPS3M Number male partners, 3m

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

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

Else, go to CALC_PS3MPXP.

CALC_PS3MPXP.

PS3MPXP # Ps, 3m for PxP logic only Male Rs (ES9=1):

If (FP3MYN & MP3MYN EQ 0 or 1), PS3MPXP=FP3MYN+MP3MYN.
If (FP3MYN EQ 0 or 1) & (MALPS3M GE 0 & NE DK, REF, or SK),
PS3MPXP=MP3MYN+MALPS3M.
If (MP3MYN EQ 0 or 1) & (FEMPS3M GE 0 & NE DK, REF, or SK),
PS3MPXP=FEMPS3M+FEMPS3M.
If (FEMPS3M & MALPS3M GE 0 & NE DK, REF, or SK), PS3MPXP=FEMPS3M+MALPS3M.
If (FEMPS3M EQ 0 & NE DK, REF, or SK) & (MALPS3M EQ DK, REF, or SK),
PS3MPXP=MALPS3M.
Else, PS3MPXP=0.

Female Rs (ES9=2):

If (MALPS3M GE 0 & NE DK, REF, or SK), PS3MPXP=MALPS3M.
If (MP3MYN EQ 0 or 1), PS3MPXP=MP3MYN.
Else, PS3MPXP=0.

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

Else, go to INTRO_SX28a.m

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

Check_INTRO_SX28a.m. Go to SX28.

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

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

**SX28.**

P1_FILL

Partner 1 initials, 3m

{text response; max length = 100 characters}

Refuse to Answer

Check SX29.

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

Now, think of the last [if R is female (ES9 EQ 2), fill with "man"; else, fill with "person"] you had sex with before [if not missing (SX29 NE REF), fill with P1 initials (SX28); else fill with "your last partner"]. What are the initials of the second-to-last [if R is female (ES9 EQ 2), fill with "man", else, fill with "person"] you had sex with?

**SX29.**

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

P2_FILL

Partner 2 initials, 3m

{text response; max length = 100 characters}

Refuse to Answer

Check SX30.

If R reports 3+ sex partners in the past 3 months (PS3MPXP GE 3), go to SX30. Else, go to Check_P1Series.

Now, think of the last [if R is female (ES9 EQ 2), fill with "man"; else, fill with "person"] you had sex with before [if not missing (SX29 NE REF), fill with P2 initials (SX28); else fill with "your second-to-last partner"]. What are the initials of the third-to-last [if R is female (ES9 EQ 2), fill with "man", else, fill with "person"] you had sex with?

**SX30.**

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

P3_FILL

Partner 3 initials, 3m

{text response; max length = 100 characters}

Refuse to Answer

Check P1Series.

If P1 initials reported (SX28 NE REF), go to CALC_BEG1PS. If P1 initials NOT reported (SX28 EQ REF) & more than 1 total partner, past 3 months (PS3MPXP GT 1), go to Check_INTRO_P2Series. Else, go to Check_INTRO_SX73a.

CALC_BEG1PS.

Time at beginning of P1 series

BEGP1S = Current time

Universe_P1Series.

All Rs with 1+ opposite sex or male-male partner in the past 12 months (PS12PXP GE 1) who reported last sex partner initials (SX28 NE REF).
P1Series: Last Partner (SX31 - SX50b)

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

Check_SX31.  If R is female (ES9 EQ 2), go to SX32a.  Else go to SX31.

P1: Demographics

SX31.  Is [fill with "P1 initials" (SX28)] male or female?
P1GENDR  P1: Gender
Male........................................................................................................ 1
Female .................................................................................................... 2
Don’t Know............................................................................................ 9
Refuse to Answer..................................................................................... 7

Check_SX32a.  If R is male (ES9 EQ1) and P1 gender NOT reported (SX31 EQ DK or REF), go to Check_INTRO_P2Series.  Else, go to SX32a.

SX32a.  Was [fill with "P1 initials" (SX28)] younger than you, older than you, or the same age as you?
P1AGERL  P1: Relative age
Younger ............................................................................................... 0
Older ...................................................................................................... 1
Same age ............................................................................................. 2
Don’t Know........................................................................................... 9
Refuse to Answer.................................................................................... 7

Check_SX32b.  If P1 is older than R (SX32a EQ 1), go to SX32b.  Else, go to SX33.

SX32b.  What was [if P1 is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P1 is female (SX31 EQ 2), fill with "her"] age?
P1AGEY  P1: Age in years

__ __ __
Range................................................................................................. 0-100
Don’t Know.......................................................................................... 999
Refuse to Answer.................................................................................. 777
HardEdit_SX32b.  If P1’s age is less than R’s age (P1AGEY LT AGE), DISPLAY: “INTERVIEWER: The response entered is inconsistent with a prior response (R reported that partner was older than them). Clarify and re-enter response to current or prior item as needed.” Then, go back to SX32b.

Else, go to SX33.

[Give Respondent Flashcard M.]

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

SX33.  [READ choices. CHECK ALL that apply.]

P1RCETH  P1: race / ethnicity
P1RCETHA American Indian or Alaska Native ........................................
P1RCETHB Asian ................................................................................
P1RCETHC Black or African American ..............................................
P1RCETHD Hispanic or Latino ...........................................................
P1RCETHE Native Hawaiian or Other Pacific Islander ......................
P1RCETHF White ..............................................................................

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

P1: Type

Check_SX34.  If R had more than 1 partner in past 12m (PS12PXP GT 1), go to SX34.

Else, go to SX35a.

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

SX34.  [Give Respondent Flashcard N.]

P1TYPE  P1: type
Main partner .................................................................................. 1
Casual partner .............................................................................. 2
Don’t Know .................................................................................... 9
Refuse to Answer ........................................................................... 7

P1: Relationship Length

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

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

P1LT_N  P1: Relationship length - Number

<table>
<thead>
<tr>
<th>Range</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Don’t Know</td>
<td>999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>777</td>
</tr>
</tbody>
</table>

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

Else, go to Check_SX36.

SX35b.  INTERVIEWER: Was this days or months or years?
P1LT_U    P1: Relationship length - Unit
Days ................................................................. 0
Months .............................................................. 1
Years ............................................................... 2

CALC_PIRLLE1Y. Sexual relationship length for PnP logic
PIRLLE1Y
If (P1LT_U=0 & P1LT_N<=365) or (P1LT_U=1 & P1LT_N<=12) or (P1LT_U=2 & P1LT_N<=1),
PIRLLE1Y=1.
Else, PIRLLE1Y=0.

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

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

SX36. [DO NOT read choices.]
P1WHMET P1: Where met
Internet.............................................................. 1
Chat line ............................................................ 2
Bar/Club............................................................. 3
Circuit party or Rave.......................................... 4
Cruising area ..................................................... 5
Adult bookstore .................................................. 6
Bath house, sex club or sex resort......................... 7
Private sex party ................................................. 8
Somewhere else ................................................... 9
Don't Know ........................................................ 99
Refuse to Answer ............................................... 77

P1: Partner risk

INTRO_SX37a. DISPLAY: "READ: Now I'm going to ask you some questions about experiences [fill with P1 initials (SX28)] may have had."

[Give Respondent Flashcard O.]

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

SX37a. [READ choices.]
P1IDU P1: Ever injected
Definitely did not ................................................... 0
Probably did not .................................................. 1
Probably did ........................................................ 2
Definitely did ....................................................... 3
Don't Know ........................................................ 9
Refuse to Answer ............................................... 7

SX37b. As far as you know, has [fill with "P1 initials" (SX28)] ever used crack cocaine? Would you say they:
P1CRACK

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definitely did not</td>
<td>0</td>
</tr>
<tr>
<td>Probably did not</td>
<td>1</td>
</tr>
<tr>
<td>Probably did</td>
<td>2</td>
</tr>
<tr>
<td>Definitely did</td>
<td>3</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

SX38.

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definitely did not</td>
<td>0</td>
</tr>
<tr>
<td>Probably did not</td>
<td>1</td>
</tr>
<tr>
<td>Probably did</td>
<td>2</td>
</tr>
<tr>
<td>Definitely did</td>
<td>3</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

 SX39.

P1JAIL

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definitely did not</td>
<td>0</td>
</tr>
<tr>
<td>Probably did not</td>
<td>1</td>
</tr>
<tr>
<td>Probably did</td>
<td>2</td>
</tr>
<tr>
<td>Definitely did</td>
<td>3</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

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

SX39.

P1MSM

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definitely did not</td>
<td>0</td>
</tr>
<tr>
<td>Probably did not</td>
<td>1</td>
</tr>
<tr>
<td>Probably did</td>
<td>2</td>
</tr>
<tr>
<td>Definitely did</td>
<td>3</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

P1: Concurrency

Check_SX40a.
If relationship was a one night stand (P1LT_N=0) or R did not report relationship length (P1LT_N EQ DK or REF), go to SX42. If relationship length LE 1 year (P1RLLE1Y=1), go to SX40a. Else, go to SX41a.

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

SX40a.

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definitely did not</td>
<td>0</td>
</tr>
<tr>
<td>Probably did not</td>
<td>1</td>
</tr>
</tbody>
</table>
During the time you were having a sexual relationship with [fill with "P1 initials" (SX28)], did you have sex with other people?  

SX40b.  
P1ROTH  
R had other partners- relat ≤12m  

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

check SX41a.  Go to SX42.  

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

SX41a.  
P1POThyR  
P1 had other partners- relat >12m  

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

During the past 12 months when you were having a sexual relationship with [fill with "P1 initials" (SX28)], did you have sex with other people?  

SX41b.  
P1ROThyR  
P1 had other partners- relat >12m  

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

P1: Date of Last Sex  

When was the last time you had [if R is male (ES9 EQ 1) and P1 is male (SX31 EQ 1), fill with "oral or anal", else fill with "oral, vaginal or anal"] sex with [fill with "P1 initials" (SX28)]? Just tell me the month and year.  

SX42.  
P1DATE  
P1 date of most recent sex  

__ __ / __ __ __ __  

Range (Year)  1900 - 2100  

Don't Know (Year)  9999  
Refuse to Answer (Year)  7777
If R did not report date of last sex with P1 (SX42 EQ DK or REF), go to Check_INTRO_SX43a. Else, go to HardEdit_SX42.

HardEdit_SX42.

If R's date of last sex with P1 after date of interview (P1DATE_C GT IDATE_C), DISPLAY: "INTERVIEWER: The date respondent last had sex with [fill with "P1 initials" (SX28)] cannot be after today's date." Then, go back to SX42.

If R reported 0 sex partners in past 3m (PS3MPXP EQ 0) and date of last sex with P1 is more than 12 months before interview [[P1DATEM is missing] and [(IDATEY-P1DATEY) GE 2]) or (P1DATE_C LT AGO12M_C), DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (reported at least one sex partner in past 12 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX42.

If R reports 0 sex partners in past 3m (PS3MPXP EQ 0) & date of last sex with P1 is within the last 3 months (P1DATE_C GE AGO3M_C), DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (reported no sex partners in past 3 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX42.

If R reported 1 or more sex partners in past 3m (PS3MPXP GE 1) and date of last sex with P1 is before 3 months before interview [[P1DATEM is missing] and [(IDATEY-P1DATEY) GE 1]) or (P1DATE_C LT AGO3M_C), DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (reported at least one sex partner in past 3 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX42.

Else, go to Check_INTRO_SX43a.

Check_INTRO_SX43a.

If R reports 1 or more partners in past 3m (PS3MPXP GE 1) and had vaginal or anal sex in the past 12 months (VSANY12M=1 or ASASNY12M=1), go to INTRO_SX43a.

Else, go to CALC_ASANY3M.

Universe_P1FrequencyofSex. All Rs with 1+ opposite sex partner or male-male partner in the past 3 months (PS3MPXP GE 1) who reported last sex partner initials (SX28 NE REF) and had vaginal or anal sex in the past 12 months (VSANY12M or ASANY12M).

P1: Frequency of sex, 3m

INTRO_SX43a. DISPLAY: "READ: I would now like to ask you about the times you had sex with [fill with "P1 initials" (SX28)] in the past 3 months, that is, since [(fill with interview month - 3, formatted as text) of this year]."

[INTERVIEWER: Give Respondent the Calendar.]

Check_SX43a. If opposite sex partner ((R is male (ES9 EQ 1) & P1 is female (SX31 EQ 2) or R is female (ES9 EQ 2), and R had vaginal sex in p 12m (VSANY12M=1), go to SX43a.

Else, go to Check_SX44a.

SX43a. In the past three months, how many times did you have vaginal sex with [fill with "P1 initials" (SX28)]? P1VS3M P1: Times had vaginal sex, 3m
Check_SX43b.o.  
IF R had vaginal sex once (SX43a EQ 1), go to SX43b.o.  
IF R had vaginal sex more than once (SX43a GE 2), go to SX43b.m.  
Else, go to Check_SX44a.

SX43b.o.  
That time you had vaginal sex with [fill with "P1 initials" (SX28)], did you or your partner use a condom?  
P1V51C3M  
P1: Had VS once and used condom, 3m  
No................................................................................. 0  
Yes.................................................................................... 1  
Don't Know........................................................................ 9  
Refuse to Answer.................................................................... 7

Check_SX43b.m.  
Go to Check_SX44a.

Check_SX43b.m.  
Of the [fill with "# of times engaged in vaginal sex" (SX43a)] times you had vaginal sex with [fill with "P1 initials" (SX28)], how many times did you or your partner use a condom?  
P1V5C3M  
P1: Times had VS with condom, 3m

HardEdit_SX43b.m.  
IF # of times R had VS with condom is higher than the total time had VS with this partner (SX43b.m GT SX43a),  
DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (number of times had vaginal sex with this partner). Clarify and re-enter response to current or prior item as needed." Then, go back to SX43a.  
Else, go to Check_SX44a.

Check_SX44a.  
IF R had anal sex in p 12m (ASANY12M EQ 1) & (R is female (ES9 EQ 2) or P1 is female (SX31 EQ 2)), go to SX44a.  
IF R had anal sex in p 12m (ASANY12M EQ 1) & R is male (ES9 EQ 1) & P1 is male (SX31 EQ 1), go to SX45a.  
Else, go to CALC_ASANY3M.

SX44a.  
In the past three months, how many times did you have anal sex with [fill with "P1 initials" (SX28)]?  
P1A53M  
P1: Times had anal sex, 3m

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

<table>
<thead>
<tr>
<th>P1AS1C3M</th>
<th>P1: Had AS once and used condom, 3m</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>.............................................</td>
</tr>
<tr>
<td>Yes</td>
<td>.............................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.............................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.............................................</td>
</tr>
</tbody>
</table>

Check SX44b.m. Go to CALC_ASANY3M.

Of the [fill with "# of times engaged in anal sex" (SX44a)] times you had anal sex with [fill with "P1 initials" (SX28)], how many times did you or your partner use a condom?

<table>
<thead>
<tr>
<th>P1ASC3M</th>
<th>P1: Times had anal sex with condom, 3m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>.............................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.............................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.............................................</td>
</tr>
</tbody>
</table>

HardEdit SX44b.m. If # of times R had AS with condom is higher than the total time had AS with this partner (SX44b.m GT SX44a), DISPLAY: "INTERVIEWER: Response entered is inconsistent with prior response (number of times had anal sex with this partner). Clarify and re-enter response to current or prior item as needed." Then, go back to SX44a.

Else, go to CALC_ASANY3M.

In the past three months, how many times did you have insertive anal sex, meaning you put your penis in [fill with "P1 initials" (SX28)']s anus or butt?

<table>
<thead>
<tr>
<th>P1IAS3M</th>
<th>P1: Frequency IAS, 3m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>.............................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.............................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.............................................</td>
</tr>
</tbody>
</table>

Check SX45b.o. If R had IAS once (SX45a EQ 1), go to SX45b.o.

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

Else, go to SX46a.

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

<table>
<thead>
<tr>
<th>P1A1C3M</th>
<th>P1: Had IAS once and used condom, 3m</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>.............................................</td>
</tr>
<tr>
<td>Yes</td>
<td>.............................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.............................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.............................................</td>
</tr>
</tbody>
</table>

Check SX45b.m. Go to SX46a.

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

<table>
<thead>
<tr>
<th>P1XIAC3M</th>
<th>P1: Frequency IAS with condom, 3m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>.............................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>.............................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>.............................................</td>
</tr>
</tbody>
</table>
Range................................................................. 0-7000
Don’t Know.......................................................... 9999
Refuse to Answer.................................................... 7777

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

SX46a.  In the past three months, how many times did you have receptive anal sex with [fill with P1 initials (SX28)],
meaning he put his penis in your anus or butt?
P1RAS3M  P1: Frequency RAS, 3m

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

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

SX46b.o.  That time you had receptive anal sex with [fill with "P1 initials" (SX28)], did he use a condom?
P1RA1C3M  P1: Had RAS once and used condom, 3m
No......................................................................................... 0
Yes......................................................................................... 1
Don’t Know................................................................. 9
Refuse to Answer......................................................... 7

Check_SX46b.m.  Go to CALC_ASANY3M.

SX46b.m.  Of the [fill with "# of times engaged in receptive anal sex" (SX46a)] times you had receptive anal sex with [fill with
"P1 initials" (SX28)], how many times did he use a condom?
P1RAC3M  P1: Frequency RAS with condom, 3m

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

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

CALC_ASANY3M.  If R reported anal sex with P1 in p 3m ((P1AS3M GE 1 & NE (DK, REF, or SK)) or (P1IAS3M
GE 1 & NE (DK, REF, or SK)) or (P1RAS3M GE 1 & NE (DK, REF, or SK)), ASANY3M EQ 1.
P1: Any anal sex, 3m, for PxP logic
ASANY3M
Else, ASANY3M EQ 0.

CALC_VSCND3M.
P1: Condom use during VS, 3m, PxP logic

If R reported using a condom during vaginal sex with P1 in the past 3 months (P1VS1C3M = 1 or P1VSC3M GE 1), then VSCND3M = 1.
Else, VSCND3M = 0.

CALC_ASCND3M.

If R reported using a condom during anal sex with P1 in the past 3 months (P1AS1C3M = 1 or P1ASC3M GE 1 or P1IA1C3M = 1 or P1XIAC3M GE 1 or P1RA1C3M = 1 or P1RAC3M GE 1), then ASCND3M = 1;
Else, ASCND3M = 0.

P1: Last event

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

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

 SX47a. When you had sex that last time, did [fill with "P1 initials" (SX28)] give you money or drugs to have sex with him? P1EXREC

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

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

 SX47b. When you had sex that last time, did you give [fill with "P1 initials" (SX28)] money or drugs in exchange for having sex with you? P1EXGAV

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

Check_SX48a. If R is male (ES9 EQ 1) and P1 is male (SX31 EQ 1), go to Check_SX49a.
If R reported vaginal sex in the past 12 months (VSANY12M EQ 1) or in the past 3 months (P1VSC3M GE 1), go to SX48a.
Else, go to Check_SX49a.

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

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

Check_SX48b. If R reported vaginal sex at last event (SX48a EQ 1), go to SX48b.
Else, go to Check_SX49a.
<table>
<thead>
<tr>
<th>SX48b.</th>
<th>During vaginal sex that last time, did you or [fill with &quot;P1 initials&quot; (SX28)] use a condom the whole time?</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1LVSC</td>
<td>P1: Used condom during VS at last event</td>
</tr>
<tr>
<td></td>
<td>No.................................................................................................................................................. 0</td>
</tr>
<tr>
<td></td>
<td>Yes............................................................................................................................................... 1</td>
</tr>
<tr>
<td></td>
<td>Don't Know .................................................................................................................................. 9</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer .......................................................................................................................... 7</td>
</tr>
</tbody>
</table>

**Check SX49a.** If R reported anal sex in the past 12 months (ASANY12M EQ 1) or in the past 3 months (ASANY3M EQ 1), go to SX49a. Else, go to Check SX49conf.

<table>
<thead>
<tr>
<th>SX49a.</th>
<th>When you had sex that last time with [fill with &quot;P1 initials&quot; (SX28)], did you have anal sex?</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1LAS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No................................................................................................................................................ 0</td>
</tr>
<tr>
<td></td>
<td>Yes.......................................................................................................................................... 1</td>
</tr>
<tr>
<td></td>
<td>Don't Know .................................................................................................................................. 9</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer .......................................................................................................................... 7</td>
</tr>
</tbody>
</table>

**Check SX49conf.** If R had anal sex at last event (SX49a EQ 1), go to SX49b.

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

If R did not have vaginal or anal sex in the past 12 months ((SX48a EQ SK) and (SX49a EQ SK)), DISPLAY: "Earlier, you told me that you did not have [if R is male and had only male sex partners in the past 12 months (M_MSX12 GE 1 and (M_FSX12 EQ 0, DK, REF, or SK)), fill with “anal”, else, fill with “vaginal or anal”] sex during the past 12 months. Does this mean you only had oral sex the last time you had sex?"

**SX49conf.** Else, DISPLAY: "So this means you only had oral sex the last time you had sex?"

<table>
<thead>
<tr>
<th>P1OSONLY</th>
<th>P1: Oral sex only at last event</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No................................................................................................................................................ 0</td>
</tr>
<tr>
<td></td>
<td>Yes........................................................................................................................................... 1</td>
</tr>
<tr>
<td></td>
<td>Don't Know .................................................................................................................................. 9</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer .......................................................................................................................... 7</td>
</tr>
</tbody>
</table>

**Check SX49b.** Go to SX50a.

<table>
<thead>
<tr>
<th>SX49b.</th>
<th>During anal sex that last time, did you or [fill with &quot;P1 initials&quot; (SX28)] use a condom the whole time?</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1LASCT</td>
<td>P1: Used condom during AS at last event</td>
</tr>
<tr>
<td></td>
<td>No.................................................................................................................................................. 0</td>
</tr>
<tr>
<td></td>
<td>Yes............................................................................................................................................... 1</td>
</tr>
<tr>
<td></td>
<td>Don't Know .................................................................................................................................. 9</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer .......................................................................................................................... 7</td>
</tr>
</tbody>
</table>

**SX50a.**

- The last time you had sex with [fill with "P1 initials" (SX28)], did you know [if P1 is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P1 is female (SX31 EQ 2), fill with "her"] HIV status?
- P1KNWSTS
- P1: Knew partner HIV status at last event
  - No........................................................................................................................................... 0
Sexual Behavior (SX)

**Check SX50b.**
- If R knew P1 HIV status (SX50a EQ 1), go to SX50b.
- Else, go to Check_INTRO_P2Series.

---

**What was [[fill with "P1 initials" (SX28)]]'s HIV status?**

**SX50b.**
- [DO NOT read choices.]
  - P1HIVSTS:
    - HIV-negative: 1
    - HIV-positive: 2
    - Indeterminate: 3
    - Refuse to Answer: 7

---

**Check SX50c.**
- If P1 HIV-positive, (SX50b EQ 2), go to SX50c.
- Else, go to Check_INTRO_P2Series.

---

**Did [fill with "P1 initials" (SX28)] tell you whether [if P1 is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P1 is female (SX31 EQ 2), fill with "she"]] was taking antiretroviral medicines or ART to treat [if P1 is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P1 is female (SX31 EQ 2), fill with "her"] HIV infection?**

**SX50c.**
- P1ARTDS:
  - P1: Whether P disclosed ART use
    - No: 0
    - Yes: 1
    - Don't Know: 9
    - Refuse to Answer: 7

---

**Check SX50d.**
- If P1 disclosed ART use, (SX50c EQ 1), go to SX50d.
- Else, go to Check_INTRO_P2Series.

---

**Did [fill with "P1 initials" (SX28)] say [if P1 is male (SX31 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P1 is female (SX31 EQ 2), fill with "she"] WAS taking antiretroviral medicines or was NOT taking antiretroviral medicines?**

**SX50d.**
- P1ONART:
  - P1: HIV+ partner on ART at last event
    - No, partner was NOT taking ART: 0
    - Yes, partner WAS taking ART: 1
    - Don't Know: 9
    - Refuse to Answer: 7

---

**Check_INTRO_P2Series.**
- If P2 initials reported (SX29 NE REF) & 2+ total partners in past 3 months (PS3MPXP GE 2), go to CALC_BEG2PS.
- Else, go to Check_INTRO_SX73a.

---

**CALC_BEG2PS.**
- Time at beginning of partner 2 series
- BEGP2S = Current time

---

**Universe_P2Series.**
- All Rs with 2+ opposite sex partners or male-male partners in the past 3 months (PS3MPXP GE 2) who reported second to last sex partner initials (SX29 NE REF).
P2Series: Second to Last Partner (INTRO_P2Series - SX61b)

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

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

P2: Demographics

Check_SX51. If R is female (ES9 EQ 2), go to SX52a.
Else, go to SX51.

SX51. Is [fill with "P2 initials" (SX29)] male or female?
P2GENDR
Male. 1
Female. 2
Don't Know. 9
Refuse to Answer. 7

Check_SX52a. If P2 gender reported (SX51 NE DK or REF), go to SX52a.
Else go to Check_INTRO_P3Series.

SX52a. Was [fill with "P2 initials" (SX29)] younger than you, older than you, or the same age as you?
P2AGERL
Younger. 0
Older. 1
Same age. 2
Don't Know. 9
Refuse to Answer. 7

Check_SX52b. If P2 is older than R (SX52a EQ 1), go to SX52b.
Else, go to SX53.

SX52b. What was [if P2 is male (SX51 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P2 is female (SX51 EQ 2), fill with "her"] age?
P2AGEY
P2: Age in years
0-100
Don't Know. 999
Refuse to Answer. 777
HardEdit_SX52b. If P2's age is less than R's age (P2AGEY LT AGE), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (R reported that partner was older than them). Clarify and re-enter response to current or prior item as needed." Then, go back to SX52b.
Else, go to SX53.

Give Respondent Flashcard M.

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

SX53. [READ choices. CHECK ALL that apply.]
P2RCETH P2: race / ethnicity
P2RCETHA American Indian or Alaska Native ..............................................
P2RCETHB Asian .........................................................................................
P2RCETHC Black or African American .........................................................
P2RCETHD Hispanic or Latino ........................................................................
P2RCETHE Native Hawaiian or Other Pacific Islander .................................
P2RCETHF White ..........................................................................................

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

P2: Type

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

SX54. [Give Respondent Flashcard N.]
P2TYPE P2: type
Main partner ............................................................................................. 1
Casual partner ......................................................................................... 2
Don't Know ............................................................................................. 9
Refuse to Answer .................................................................................. 7

P2: Date of Last Sex

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

SX55. P2DATE P2: date of most recent sex
__ __ / __ __ __ __
Range (Year) ........................................................................................... 1900 - 2100
Don't Know (Year) .................................................................................. 9999
Refuse to Answer (Year) .......................................................................... 7777

CALC_P2DATE_C. Century month version of P2DATE date
P2DATE_C = ((P2DATEY-1900)*12) + P2DATEM.
Check_HardEdit_SX55. If R did not report date of last sex with P2 (SX55 EQ DK or REF), go to CHECK_INTRO_SX56a. Else, go to HardEdit_SX55.

HardEdit_SX55. If R's date of last sex with P2 after date of interview (P2DATE_C GT IDATE_C), DISPLAY: "INTERVIEWER: The date respondent last had sex with [fill with "P2 initials" (SX29)] cannot be after today's date." Then, go back to SX55.

If date of last sex with 2nd to last SP was more than 3 months before interview (P2DATE_C LT AG03M_C) or (P2DATEM is missing and (IDATEY-P2DATEY) GE 1)) DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (reported sex with 2nd to last sex partner in past 3 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX55.

Else, go to CHECK_INTRO_SX56a.

P2: Frequency of sex, 3m

Check_INTRO_SX56a. If R did not have vaginal or anal sex in the past 12 months (VSANY12M EQ 0 and ASANY12M EQ 0), or both R and P2 are male and did not have anal sex in the past 12 months (ES9 EQ 1 and SX51 EQ 1 and ASANY12M=0), go to INTRO_SX60a.

Else, go to INTRO_SX56a.

INTRO_SX6a. DISPLAY: "READ: I would now like to ask you about the times you had sex with [fill with "Partner 2 initials" (SX29)] in the past 3 months."

Check_SX56a. If opposite sex partner ((R is male (ES9 EQ 1) & P2 is female (SX51 EQ 2)) or (R is female (ES9 EQ 2))), and R had vaginal sex in p 12m (VSANY12M EQ 1), go to SX56a.

Else, go to Check_SX57a.

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

P2VS3M P2: Times had vaginal sex, 3m

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Range</td>
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<td></td>
</tr>
<tr>
<td>Don't Know</td>
<td>9999</td>
<td></td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7777</td>
<td></td>
</tr>
</tbody>
</table>

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

Else, go to Check_SX57a.

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

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

<p>| | | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
<td></td>
</tr>
</tbody>
</table>

Check_SX56b.m. Go to Check_SX57a.
Of the [fill with "# of times engaged in vaginal sex" (SX56a)] times you had vaginal sex with [fill with "P2 initials" (SX29)], how many times did you or your partner use a condom?
P2VSC3M P2: Times had VS with condom, 3m

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

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

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

SX57a. In the past three months, how many times did you have anal sex with [fill with "P2 initials" (SX29)]?
P2A53M P2: Times had anal sex, 3m

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

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

SX57b.o. That time you had anal sex with [fill with "P2 initials" (SX29)], did you or your partner use a condom?
P2AS1C3M P2: Had AS once and used condom, 3m

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

Check_SX57b.m. Go to INTRO_SX60a.
In the past three months, how many times did you have insertive anal sex, meaning you put your penis in "P2 initials" (SX29)’s anus or butt?

P2IAS3M

<table>
<thead>
<tr>
<th>Frequency IAS, 3m</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ __ __ __</td>
</tr>
</tbody>
</table>

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

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

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

P2XIAC3M

<table>
<thead>
<tr>
<th>Frequency IAS with condom, 3m</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ __ __ __</td>
</tr>
</tbody>
</table>

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

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

P2RAS3M

<table>
<thead>
<tr>
<th>Frequency RAS, 3m</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ __ __ __</td>
</tr>
</tbody>
</table>

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

If R had RAS once (SX59a EQ 1), go to SX59b.o.
If R had RAS more than once (SX59a GE 2 & NE (DK, REF, or SK)), go to SX59b.m.
Else, go to INTRO_SX60a.

SX59b.o. That time you had receptive anal sex with [fill with "P2 initials" (SX29)], did he use a condom?
P2RA1C3M P2: Had RAS once and used condom, 3m

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

Check_SX59b.m. Go to INTRO_SX60a.

SX59b.m. Of the [fill with "# of times engaged in receptive anal sex" (SX59a)] times you had receptive anal sex with [fill with "P2 initials" (SX29)], how many times did he use a condom?
P2RAC3M P2: Frequency RAS with condom, 3m

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

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

P2: Last Event

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

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

SX60a. When you had sex that last time, did [fill with "Pa2 initials" (SX29)] give you money or drugs to have sex with him?
P2EXREC P2: Received money/drugs for sex at last event

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

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

SX60b. When you had sex that last time, did you give [fill with "P2 initials" (SX29)] money or drugs in exchange for having sex with you?
P2EXGAV P2: Gave money/drugs for sex at last event

No......................................................................................... 0
Yes........................................................................ 1
Don't Know......................................................................... 9
Refuse to Answer.......................................................... 7
SX61a. The last time you had sex with [fill with "P2 initials" (SX29)], did you know [if P2 is male (SX51 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P2 is female (SX51 EQ 2), fill with "her"] HIV status?
P2KNWSTS P2: Knew partner HIV status at last event
No. ................................................................................................................. 0
Yes .............................................................................................................. 1
Refuse to Answer ...................................................................................... 7

Check SX61b. If R knew P2 HIV status (SX61a EQ 1), go to SX61b.
Else, go to Check_INTRO_P3Series.

What was [fill with "P2 initials" (SX29)]’s HIV status?
SX61b. [DO NOT read choices.]
P2HIVSTS P2: Partner HIV status at last event
HIV-negative ........................................................................................................ 1
HIV-positive .................................................................................................... 2
Indeterminate .................................................................................................. 3
Refuse to Answer ............................................................................................ 7

Check SX61c. If P2 HIV-positive, (SX61b EQ 2), go to SX61c.
Else, go to Check_INTRO_P3Series.

Did [fill with "P2 initials" (SX29)] tell you whether [if P2 is male (SX51 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P2 is female (SX51 EQ 2), fill with "she"] was taking antiretroviral medicines or ART to treat [if P2 is male (SX51 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P2 is female (SX51 EQ 2), fill with "her"] HIV infection?
SX61c. P2ARTDS P2: Whether P disclosed ART use
No. ................................................................................................................. 0
Yes ................................................................................................................... 1
Don’t Know ................................................................................................. 9
Refuse to Answer .......................................................................................... 7

Check SX61d. If P2 disclosed ART use, (SX61c EQ 1), go to SX61d.
Else, go to Check_INTRO_P3Series.

Did [fill with "P2 initials" (SX29)] say [if P2 is male (SX51 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P1 is female (SX51 EQ 2), fill with "she"] WAS taking antiretroviral medicines or was NOT taking antiretroviral medicines?
SX61d. P2ONART P2: HIV+ partner on ART at last event
No, partner was NOT taking ART .............................................................. 0
Yes, partner WAS taking ART ................................................................. 1
Don’t Know ............................................................................................... 9
Refuse to Answer ......................................................................................... 7

Check_INTRO_P3Series. If P3 initials reported (SX30 NE REF) & 3+ total partners in past 3 months (PS3MPXP GE 3), go to CALC_BEGP3S.
Else, go to Check_INTRO_SX73a.

CALC_BEGP3S. Time at beginning of partner 3 series
BEGP3S = Current time
### Universe_P3Series
All Rs with 3+ opposite sex partners or male-male partners in the past 3 months (PS3MPXP GE 3) who reported third to last sex partner initials (SX30 NE REF).

### P3Series: Third to Last Partner (SX62 - SX72b)

#### INTRO_P3Series
If R is male (ES9 EQ 1), DISPLAY: "READ: Now I will ask you about your third-to-last partner, [fill with "P3 initials" (SX30)]."

If R is female (ES9 EQ 2), DISPLAY: "READ: Now I will ask you about your third-to-last male partner, [fill with "P3 initials" (SX30)]."

### P3: Demographics

#### Check_SX62
If R is female (ES9 EQ 2), go to SX63a. Else, go to SX62.

#### SX62
Is [fill with "P3 initials" (SX30)] male or female?

<table>
<thead>
<tr>
<th>P3GENDR</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>1</td>
</tr>
<tr>
<td>Female</td>
<td>2</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

#### Check_SX63a
If P3 gender reported (SX62 NE DK or REF), go to SX63a. Else, go to Check_INTRO_SX73a.

#### SX63a
Was [fill with "P3 initials" (SX29)] younger than you, older than you, or the same age as you?

<table>
<thead>
<tr>
<th>P3AGERL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Younger</td>
<td>0</td>
</tr>
<tr>
<td>Older</td>
<td>1</td>
</tr>
<tr>
<td>Same age</td>
<td>2</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

#### Check_SX63b
If P3 is older than R (SX63a EQ 1), go to SX63b. Else, go to SX64.

#### SX63b
What was [if P3 is male (SX62 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P3 is female (SX62 EQ 2), fill with "her"] age?

<table>
<thead>
<tr>
<th>P3AGEY</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>0-100</td>
</tr>
<tr>
<td>Don't Know</td>
<td>999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>777</td>
</tr>
</tbody>
</table>
If P3’s age is less than R’s age (P3AGEY LT AGE), DISPLAY: “INTERVIEWER: The response entered is inconsistent with a prior response (R reported that partner was older than them). Clarify and re-enter response to current or prior item as needed.” Then, go back to SX63b. Else, go to SX64.

[Give Respondent Flashcard M.]

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

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

P3: Type

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

SX65. [Give Respondent Flashcard N.]
P3TYPE P3: type
Main partner .................................................................................................................................
Casual partner ..............................................................................................................................
Don’t Know .....................................................................................................................................
Refuse to Answer ..............................................................................................................................

P3: Date of Last Sex

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

SX66. P3: date of most recent sex

__ __ / __ __ __ __

Range (Year) .................................................................................................................................
Don’t Know (Year) ..........................................................................................................................
Refuse to Answer (Year) ...................................................................................................................

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

Check_HardEdit_SX66. If R did not report date of last sex with P3 (SX66 EQ DK or REF), go to CHECK_INTRO_SX67a. Else, go to HardEdit_SX66.
If R's date of last sex with P3 after date of interview (P3DATE_C GT IDATE_C), DISPLAY: "INTERVIEWER: The date respondent last had sex with [fill with "P3 initials" (SX30)] cannot be after today's date." Then, go back to SX6.

If date of last sex with 3rd to last sex partner was more than 3 months ago ((P3DATE_C LT AGO3M_C) or ((P3DATEM is missing) and (IDATEY-P3DATEY) GE 1)), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (reported sex with 3rd to last sex partner in past 3 months). Clarify and re-enter response to current or prior item as needed." Then, go back to SX6.

Else, go to CHECK_INTRO_SX67a.

P3: Frequency of sex, 3m

Check_INTRO_SX67a. If R did not have vaginal or anal sex in the past 12 months ((VSANY12M EQ 0) and (ASANY12M EQ 0)), or both R and P3 are male and did not have anal sex in the past 12 months (ES9 EQ 1 and SX62 EQ 1 and ASANY12M=0), go to INTRO_SX71a.

Else, go to INTRO_SX67a.

INTRO_SX67a. DISPLAY: "READ: I would now like to ask you about the times you had sex with [fill with "P3 initials" (SX30)] in the past 3 months."

Check_SX67a. If opposite sex partner ((R is male (ES9 EQ 1) & P3 is female (SX62 EQ 2) or R is female (ES9 EQ 2)), and R had vaginal sex in p 12m (VSANY12M=1), go to SX67a.

Else, go to Check_SX68a.

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

P3VS3M P3: Times had vaginal sex, 3m

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

Check_SX67b.o. If R had vaginal sex once (SX67a EQ 1), go to SX67b.o.

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

Else, go to Check_SX68a.

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

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

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

Check_SX67b.m. Go to Check_SX68a.

SX67b.m. Of the [fill with "# of times engaged in vaginal sex" (SX67a)] times you had vaginal sex with [fill with "P3 initials" (SX30)], how many times did you or your partner use a condom?
P3VSC3M

P3: Times had VS with condom, 3m

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

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

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

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

P3AS3M

P3: Times had anal sex, 3m

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

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

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

P3AS1C3M

P3: Had AS once and used condom, 3m

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

Check_SX68b.m.  
Go to INTRO_SX71a.

SX68b.m  
Of the [fill with "# of times engaged in anal sex" (SX68a)] times you had anal sex with [fill with "P3 initials" (SX30)],
how many times did you or your partner use a condom?

P3ASC3M

P3: Times had anal sex with condom, 3m

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

HardEdit_SX68b.m.  
If # of times R had AS with condom is higher than the total time had AS with this partner (SX68b.m GT SX68a),
DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (number of times had
anal sex with this partner). Clarify and re-enter response to current or prior item as needed." Then, go back 
to SX68a. 
Else, go to INTRO_SX71a.
In the past three months, how many times did you have insertive anal sex, meaning you put your penis in [fill with "P3 initials" (SX30)]'s anus or butt?

SX69a.
P3IAS3M
P3: Frequency IAS, 3m

<table>
<thead>
<tr>
<th>Range</th>
<th>0-7000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don’t Know</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7777</td>
</tr>
</tbody>
</table>

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

SX69b.o.
That time you had insertive anal sex with [fill with "P3 initials" (SX30)], did you use a condom?
P3IA1C3M
P3: Had IAS once and used condom, 3m

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

Check SX69b.m.
Go to SX70a.

SX69b.m.
Of the [fill with "# of times engaged in insertive anal sex" (SX69a)] times you had insertive anal sex with [fill with "P3 initials" (SX30)], how many times did you use a condom?
P3XIA1C3M
P3: Frequency IAS with condom, 3m

<table>
<thead>
<tr>
<th>Range</th>
<th>0-7000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don’t Know</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7777</td>
</tr>
</tbody>
</table>

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

SX70a.
In the past three months, how many times did you have receptive anal sex with [fill with P3 initials (SX30)], meaning he put his penis in your anus or butt?
P3RAS3M
P3: Frequency RAS, 3m

<table>
<thead>
<tr>
<th>Range</th>
<th>0-7000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don’t Know</td>
<td>9999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7777</td>
</tr>
</tbody>
</table>

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

SX70b.o.
That time you had receptive anal sex with [fill with "P3 initials" (SX30)], did he use a condom?
P3RA1C3M
P3: Had RAS once and used condom, 3m

| No | 0 |
Sexual Behavior (SX)

P3: Last Event

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

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

SX71a.  When you had sex that last time, did [fill with "P3 initials" (SX30)] give you money or drugs to have sex with him?

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

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

Check_SX71b.  If R is male (ES9 EQ 1) & R reported exchange in past 12 months (EXANY12M EQ 1), go to SX71b.
Else, go to SX72a.

SX71b.  When you had sex that last time, did you give [fill with "P3 initials" (SX30)] money or drugs in exchange for having sex with you?

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

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

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

SX72a.  P3: Knew partner HIV status at last event

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

CRQ_R5_HETS_V1_ENG
April 17, 2019
Refuse to Answer ................................................................. 7

Check_SX72b. If R knew P3 HIV status (SX72a EQ 1), go to SX72b.  
Else, go to Check_INTRO_SX73a.

What was [fill with "P3 initials" (SX30)]’s HIV status?  

SX72b.  [DO NOT read choices.]
P3HIVSTS P3: Partner HIV status at last event  
HIV-negative ........................................................................... 1  
HIV-positive ............................................................................. 2  
Indeterminate .......................................................................... 3  
Refuse to Answer ...................................................................... 7

Check_SX72c. If P3 HIV-positive, (SX72b EQ 2), go to SX72c. 
Else, go to Check_INTRO_SX73a.

Did [fill with "P3 initials" (SX30)] tell you whether [if P3 is male (SX62 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P3 is female (SX62 EQ 2), fill with "she"] was taking antiretroviral medicines or ART to treat [if P3 is male (SX62 EQ 1) or R is female (ES9 EQ 2), fill with "his"; if P3 is female (SX62 EQ 2), fill with "her"] HIV infection?  

SX72c. P3ARTDS P3: Whether P disclosed ART use  
No ......................................................................................... 0  
Yes ......................................................................................... 1  
Don’t Know ............................................................................... 9  
Refuse to Answer ...................................................................... 7

Check_SX72d. If P3 disclosed ART use, (SX72c EQ 1), go to SX72d. 
Else, go to Check_INTRO_SX73a.

Did [fill with "P3 initials" (SX30)] say [if P2 is male (SX62 EQ 1) or R is female (ES9 EQ 2), fill with "he"; if P1 is female (SX62 EQ 2), fill with "she"] WAS taking antiretroviral medicines or was NOT taking antiretroviral medicines?  

SX72d. P3ONART P3: HIV+ partner on ART at last event  
No, partner was NOT taking ART ............................................ 0  
Yes, partner WAS taking ART .................................................. 1  
Don’t Know ............................................................................... 9  
Refuse to Answer ...................................................................... 7

Check_INTRO_SX73a. If R is female (ES9 EQ 2) and younger than 50 years old (AGE < 50), and had sex with a man in past 12 months, (F_MHET EQ 1), go to INTRO_SX73a.  
Else, go to Check_INTRO_SX75.

Hormonal contraceptive use, 12m  
INTRO_SX73a. DISPLAY: “READ: The next questions are about your reproductive health.”  

SX73a. Have you ever had an operation that makes it impossible for you to have a baby, such as a hysterectomy or tubal ligation? A hysterectomy removes the uterus or womb and a tubal ligation cuts or ties both of the tubes.  
HSTTLEV Sterilizing operation, ever  
No ......................................................................................... 0  
Yes ......................................................................................... 1  
Don’t Know ............................................................................... 9
Refuse to Answer ................................................. 7

**Check SX73b.** If R ever had a sterilizing operation (SX73a EQ 1), go to SX73b. Else, go to Check_INTRO_SX74a.

**SX73b.** 

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

- **HSTLGT12** Sterilizing operation, >12m ago
  - No................................................................. 0
  - Yes..................................................................... 1
  - Don't Know........................................................................................................ 9
  - Refuse to Answer.................................................................................................. 7

**Check_INTRO_SX74a.** If R did not have a sterilizing operation (SX73a EQ 0, DK, or REF) or had sterilizing operation within the past 12 months (SX73a EQ 1 & SX73b EQ 0), go to INTRO_SX74a. Else, go to SX75.

**INTRO_SX74a.** On one screen, DISPLAY: "READ: Now, I’m going to read you a list of products some women use to prevent pregnancy. For each one, please tell me if you have used it at any time during the past 12 months, that is, since [fill with interview month, formatted as text] of last year. Please include each product you used, even if you only used it once.

[Give Respondent Flashcard P.]

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

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

**SX74a.** Birth control pills?

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

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

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

**SX74c.** Birth control patch?

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

**SX74d.** Birth control ring that you insert once a month, such as NuvaRing®?

- **HBCRNG** Hormonal BC, 12m (Ring)
  - No................................................................. 0
SX74e. A hormonal implant placed under the skin, such as Implanon™?
HBCIMP
Hormonal BC, 12m (Implant)
No.................................................. 0
Yes................................................... 1
Don't Know........................................ 9
Refuse to Answer............................... 7

SX74f. A hormonal IUD that lasts for up to 5 years, such as Liletta™ or Mirena®?
HBCIUD
Hormonal BC, 12m (IUD)
No.................................................. 0
Yes................................................... 1
Don't Know........................................ 9
Refuse to Answer............................... 7

SX74g. A copper IUD that lasts for 10 years, also called ParaGard®?
CIUD
Copper IUD, 12m
No.................................................. 0
Yes................................................... 1
Don't Know........................................ 9
Refuse to Answer............................... 7

Check_INTRO_SX7S.
If R is female (ES9 EQ 2), go to SX7
Else, go to CALC_ENDSX.

F_F: Total Ps, 12m

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

SX75.
F_FSXYR
F_F Number of female sex partners - 12 months

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<thead>
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<tr>
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<tr>
<td>Refuse to Answer</td>
<td>7777</td>
</tr>
</tbody>
</table>

CALC_ENDSX.
Time sexual behavior section ended ENDSX = Current time

END_SX.
Go to Alcohol Use Section (AL).
NHBS ROUND 5 QUESTIONNAIRE

ALCOHOL USE (AL)

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
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<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
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<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
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<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
</tr>
<tr>
<td>Consent</td>
<td>CN1</td>
<td>CONSENTA</td>
<td>Consent to survey</td>
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<tr>
<td>Sexual Behavior</td>
<td>--</td>
<td>ENDSX</td>
<td>Time sexual behavior section ended</td>
</tr>
</tbody>
</table>

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.]

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

AL1.

ALC30D Had one or more drinks past 30 days

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

Check_AL2M. If R did not have any drinks in the past 30 days or did not report if had any drinks in the past 30 days (AL1 NE 1), go to CALC_ENDAL.

If R is male, transgender, or did not report gender (ES9 NE 2), go to AL2M.

If R is female (ES9 EQ 2), go to AL2F.

AL2M. During the past 30 days, how many times did you drink 5 or more drinks of any kind of alcohol in about two hours?

ALC530D Male: number times had 5+ drinks past 30 days

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

Check_AL2F. Go to AL3.

AL2F. During the past 30 days, how many times did you drink 4 or more drinks of any kind of alcohol in about two hours?
AL3. During the past 30 days, what is the largest number of drinks you had within about two hours?

ALCLG30D Largest number drinks on single occasion - past 30 days

Range .......................................................... 0-99
Don't Know ..................................................... 999
Refuse to Answer ............................................. 777
**NHBS ROUND 5 QUESTIONNAIRE**

**INJECTION DRUG USE (ID)**

<table>
<thead>
<tr>
<th>Variables from prior section(s) used in this section of the questionnaire</th>
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<td><strong>Section</strong></td>
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<td>Eligibility Screener</td>
</tr>
<tr>
<td>Consent</td>
</tr>
<tr>
<td>Alcohol Use</td>
</tr>
</tbody>
</table>

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

**CALC_BEGID.**

| BEGID | Time at beginning of ID section | BEGID = Current time |

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

**Injection history, lifetime**

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

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

- **EVRINJ**
  - Ever Injected drugs
  - No: ................................................................. 0
  - Yes: ............................................................... 1
  - Don’t Know: ....................................................... 9
  - Refuse to Answer: .............................................. 7

**Check_ID1a.**
If R has ever injected (ID1 EQ 1), go to ID1a. Else, go to 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
If age of first injection is greater than current age (ID1a GT AGE), DISPLAY: "INTERVIEWER: The age of first injection should be less than respondent's current age, ([fill with current age (AGE)])." Then, go back to ID1a.
Else, go to ID1b.

**ID1b.**

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

**OPIFIRST**

Hooked on painkillers prior 1st injected

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

**Check_ID1b.num.**

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

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

**ID1b.num.**

**LINJN**

When last injected, number

__ __ __

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

**Check_ID1b.dmy.**

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

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

**ID1b.dmy.**

**LINJ_U**

When last injected: day, month or year

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

If R last injected in the past year (ID1b.num EQ 0 or (ID1b.num LE 12 & ID1b.dmy EQ 1) or (ID1b.num LE 365 & ID1b.dmy EQ 0) or (ID1b.num LE 1 & ID1b.dmy EQ 2)) go to INTRO_ID2.
Else, go to CALC_LINJ12.

**UNIVERSE_InjectionFrequency.**

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

**Injection Frequency, 12m**

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

**ID2.**

In the past 12 months, when you were injecting, about how often did you inject any drug?
### Overall Injection Frequency, 12m

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Code</th>
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<tbody>
<tr>
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<td>1</td>
</tr>
<tr>
<td>Once a day</td>
<td>2</td>
</tr>
<tr>
<td>More than once a week</td>
<td>3</td>
</tr>
<tr>
<td>Once a week or less</td>
<td>4</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than once a day</td>
<td>1</td>
</tr>
<tr>
<td>Once a day</td>
<td>2</td>
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<tr>
<td>More than once a week</td>
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<tr>
<td>Once a week or less</td>
<td>4</td>
</tr>
<tr>
<td>Never</td>
<td>5</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>More than once a day</td>
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</tr>
<tr>
<td>Never</td>
<td>5</td>
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<tr>
<td>Don’t Know</td>
<td>9</td>
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<tr>
<td>Refuse to Answer</td>
<td>7</td>
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</table>

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

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than once a day</td>
<td>1</td>
</tr>
<tr>
<td>Once a day</td>
<td>2</td>
</tr>
<tr>
<td>More than once a week</td>
<td>3</td>
</tr>
<tr>
<td>Once a week or less</td>
<td>4</td>
</tr>
<tr>
<td>Never</td>
<td>5</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>
Refuse to Answer ............................................. 7

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

<table>
<thead>
<tr>
<th>ID3d.</th>
<th>[READ choices.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>INJ_CRAC</td>
<td>Crack cocaine, by itself frequency - 12 months</td>
</tr>
<tr>
<td>More than once a day</td>
<td>1</td>
</tr>
<tr>
<td>More than once a week</td>
<td>3</td>
</tr>
<tr>
<td>Once a week or less</td>
<td>4</td>
</tr>
<tr>
<td>Never</td>
<td>5</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>ID3e.</th>
<th>[READ choices.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>INJ_METH</td>
<td>Methamphetamine frequency - 12 months</td>
</tr>
<tr>
<td>More than once a day</td>
<td>1</td>
</tr>
<tr>
<td>More than once a week</td>
<td>3</td>
</tr>
<tr>
<td>Once a week or less</td>
<td>4</td>
</tr>
<tr>
<td>Never</td>
<td>5</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>ID3f.</th>
<th>[READ choices.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>INJ_PAIN</td>
<td>Painkillers frequency - 12 months</td>
</tr>
<tr>
<td>More than once a day</td>
<td>1</td>
</tr>
<tr>
<td>More than once a week</td>
<td>3</td>
</tr>
<tr>
<td>Once a week or less</td>
<td>4</td>
</tr>
<tr>
<td>Never</td>
<td>5</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>ID3g.1.</th>
<th>[READ choices.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>INJ_OTH</td>
<td>Other drug injected, 12m, y/n – IDU</td>
</tr>
<tr>
<td>No.</td>
<td>0</td>
</tr>
<tr>
<td>Yes.</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

**Check_ID3gspec.**

<table>
<thead>
<tr>
<th>ID3gspec.</th>
<th>What other drugs did you inject?</th>
</tr>
</thead>
<tbody>
<tr>
<td>INJ_OTH</td>
<td>INJ Other drug specify, 12m–IDU</td>
</tr>
</tbody>
</table>

{text response; max length = 100 characters}
In the past 12 months, which drug did you inject most often?

[Give Respondent Flashcard B.]

**ID4a.**

**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 ............................................................................................................... 9
- Refuse to Answer ........................................................................................................ 77

**ID4b.1.**

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

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

**Check_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 ........................................................................................ 1
- INJMOSTC Powder cocaine, by itself ......................................................................... 2
- INJMOSTD Crack cocaine, by itself ............................................................................ 3
- INJMOSTE Methamphetamine, also known as meth, crystal meth, speed, or crank ................................................................................................................................. 4
- INJMOSTF Painkillers such as Oxycontin, Dilaudid, morphine, Percocet, or Demerol ........................................................................................................................... 5
- INJMOSTG Something else ........................................................................................ 6
- 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?

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

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

[Give Respondent Flashcard S.]

ID7.
[READ choices. CHECK ALL that apply.]
NDLEDSP
How disposed of used needle - 12 months
NDLEDSPA
Put it in a medical sharps container
NDLEDSPB
Threw it away
NDLEDSPC
Kept it
NDLEDSPD
Gave or sold it to someone else
NDLEDSEP
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.
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.]

<table>
<thead>
<tr>
<th>STERILE</th>
<th>[INJ Frequency used sterile needle - 12 months]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Never</td>
<td>....................................................................</td>
</tr>
<tr>
<td>Rarely</td>
<td>....................................................................</td>
</tr>
<tr>
<td>About half the time</td>
<td>.........................................................</td>
</tr>
<tr>
<td>Most of the time</td>
<td>..................................................................</td>
</tr>
<tr>
<td>Always</td>
<td>....................................................................</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>....................................................................</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>....................................................................</td>
</tr>
</tbody>
</table>

**Injection Equipment Sharing, 12m**

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**

<table>
<thead>
<tr>
<th>Used needle after-number of people</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Range ..........................................................</td>
</tr>
<tr>
<td>Don’t Know ..................................................</td>
</tr>
<tr>
<td>Refuse to Answer .................................</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Gave needle after injected with it - number of people</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Range ................................................................</td>
</tr>
<tr>
<td>Don’t Know ..................................................</td>
</tr>
<tr>
<td>Refuse to Answer ..........................................</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Used cooker, cotton, water after - number of people</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Range ................................................................</td>
</tr>
<tr>
<td>Don’t Know ..................................................</td>
</tr>
<tr>
<td>Refuse to Answer ..........................................</td>
</tr>
</tbody>
</table>
In the past 12 months, with how many different people did you use drugs that had been divided with a syringe that they had already used?

**ID12.**

**NUM_DDA**

Used drugs divided up after - number of people

<table>
<thead>
<tr>
<th>Range</th>
<th>Don't Know</th>
<th>Refuse to Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-300</td>
<td>999</td>
<td>777</td>
</tr>
</tbody>
</table>

**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?

**ID13.**

**SHARNDLE**

Used needle after - frequency

<table>
<thead>
<tr>
<th>Never</th>
<th>Rarely</th>
<th>About half the time</th>
<th>Most of the time</th>
<th>Always</th>
<th>Don't Know</th>
<th>Refuse to Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>9</td>
<td>7</td>
</tr>
</tbody>
</table>

**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.

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

**ID14.**

**GIVENDLE**

Gave needle after injected – freq.

<table>
<thead>
<tr>
<th>Never</th>
<th>Rarely</th>
<th>About half the time</th>
<th>Most of the time</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>
Always........................................................................................................ 4
Don't Know.................................................................................................. 9
Refuse to Answer.......................................................................................... 7

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

HardEdit_ID14. Else, go to Check_ID15.

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

Check_ID15. Else, go to ID15.

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

[Give Respondent Flashcard T.]

ID15. [READ choices.]

SHARWORK

Used cooker, cotton, water after – freq.
Never .............................................................................................................. 0
Rarely ............................................................................................................ 1
About half the time ................................................................................... 2
Most of the time .......................................................................................... 3
Always ......................................................................................................... 4
Don't Know ................................................................................................. 9
Refuse to Answer ......................................................................................... 7

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

HardEdit_ID15. Else, go to Check_ID16.

If R did not use or refused to report if he used drugs that had been divided with a used syringe (ID12 EQ 0 or
REF), go to Check_INTRO_ID17.

Check_ID16. Else, go to ID16.

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

[Give Respondent Flashcard T.]

ID16. [READ choices.]

SAMESYR

Used drugs divided up after - frequency
Never .......................................................................................................... 0
Rarely .......................................................................................................... 1
About half the time .................................................................................. 2
Most of the time ......................................................................................... 3
Always ....................................................................................................... 4
Don't Know ............................................................................................... 9
Refuse to Answer ...................................................................................... 7
If R reported earlier that he had used drugs that been divided with a used syringe after one or more persons and reports that he never used drugs divided with a used syringe (ID12 GT 0 and ID16 EQ 0), DISPLAY: "INTERVIEWER: The response entered is inconsistent with a prior response (reported using drugs that had been divided with a used syringe with at least one person). Clarify and re-enter response to current or prior item as needed." Then go back to ID16.

HardEdit_ID16.

Else, go to Check_INTRO_ID17.

Last Sharing Event, 12m

If R did not share or refuses to report if he shared needles or works & did not inject drugs that had been divided with a used syringe with anyone in the past 12 months ((ID8 EQ 4 or (ID9 EQ 0 or REF)) & (ID10 EQ 0 or REF) & (ID11 EQ 0 or REF) & (ID12 EQ 0 or REF)), go to CALC_LINJ12.

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

Check_INTRO_ID17.

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

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

INJL_D Date last time injected with someone

__/__/____ (MM/YYYY)

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

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

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

CALC_INJLD_C. Century month version of INJL_D date

INJLD_C = ((INJL_DY-1900)*12) + INJL_DM

If R's date of last sharing with somone is after date of interview (INJL_C_C GT IDATE_C), DISPLAY: "INTERVIEWER: The date when R last shared injection equipment with someone cannot be after today's date." Then, go back to ID17.

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

HardEdit_ID17.
If R does not know when he last shared injection equipment with someone in the past 12 months (ID17 EQ DK) or when R last shared cannot be determined (ID17Y EQ IDATEY-1) & (ID17M is missing), go to ID17conf.

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

If R shared injection equipment within the past 12 months (INJLD_C GE AGO12M_C), go to ID18.

---

**Check_ID17conf.**

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

<table>
<thead>
<tr>
<th>Shared injection equipment in the past 12 months</th>
<th>y/n</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td>0</td>
</tr>
<tr>
<td>Yes.</td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know.</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

HardEdit_ID17conf.  Else, go to Check_ID18.

---

**Check_ID18.**

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

If R has shared injection equipment with someone in the past 12 months (ID17conf EQ 1), go to ID18.

---

**ID18.**

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

<table>
<thead>
<tr>
<th>Used needle after someone - last time</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
</tr>
<tr>
<td>Yes.</td>
</tr>
<tr>
<td>Don’t Know.</td>
</tr>
<tr>
<td>Refuse to Answer</td>
</tr>
</tbody>
</table>

---

**Check_ID19.**

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

If R has not given a used needle to someone after using it in the past 12 months (ID10 EQ 0), go to Check_ID20.

---

**ID19.**

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

<table>
<thead>
<tr>
<th>Gave used needle to someone else - last time</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
</tr>
<tr>
<td>Yes.</td>
</tr>
<tr>
<td>Don’t Know.</td>
</tr>
<tr>
<td>Refuse to Answer</td>
</tr>
</tbody>
</table>

---

**Check_ID20.**

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

If R has not used a cooker, cotton, or water that someone else had already used in the past 12 months (ID11 EQ 0), go to Check_ID21.

---

**ID20.**

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

Used same cooker, cotton, water - last time

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

Check_ID21.

ID21.

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

INJL_US

Used drugs divided with same syringe - last time

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

ID22.

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

INJL_NUM

Number of people shared equipment with – last time

__ __ __

Range.......................................................... 1-300
Don't Know.................................................. 999
Refuse to Answer......................................... 777

Last Sharing Partner, 12m

Check_INTRO_ID23_1.

If R shared with more than one person, doesn’t know how many people he shared with, or refuses to report how many people he shared with the last time he shared with someone (ID22 GT 1 or ID22 EQ DK or ID22 EQ REF), go to INTRO_ID23_2.

If R shared with one person the last time he shared with someone (ID22 EQ 1), go to INTRO_ID23_1.

INTRO_ID23_1.

DISPLAY: "READ: The next questions are about this last person that you shared injection equipment with."

Check_INTRO_ID23_2.

Go to ID23.

INTRO_ID23_2.

DISPLAY: "READ: Of the people you shared injection equipment with that last time, please think of the one that you have shared with most often. The next few questions are about that person."

ID23.

Is this person male or female?

INJL_MF

Sex of last injecting partner

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

Check_ID24.

If R’s last sharing partner was male (ID23 EQ 1), go to ID24.

Else, go to ID25.
As far as you know, has this person ever had sex with another man? Would you say he:

ID24. [READ choices.]
INLEMSM Last injecting partner is MSM
Definitely did not ................................................................. 0
Probably did not ................................................................. 1
Probably did ................................................................. 2
Definitely did ................................................................. 3
Don’t Know ................................................................. 9
Refuse to Answer ................................................................. 7

ID25. How old is this person?
INL_AGE Last injecting partner age
| — — — | 1-99 |
| Range ................................................................. | |
| Don’t Know ................................................................. | 999 |
| Refuse to Answer ................................................................. | 777 |

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

ID26. [READ choices. CHECK ALL that apply.]
INLRE Last injecting partner race
INLREA American Indian or Alaska Native .................................................................
INLREB Asian .................................................................
INLREC Black or African American .................................................................
INLRED Hispanic or Latino .................................................................
INLREE Native Hawaiian or Other Pacific Islander .................................................................
INLREF White .................................................................
Don’t Know ................................................................. 9
Refuse to Answer ................................................................. 7

ID27a. The last time you shared with this person, did you know their HIV status?
IPKNWSTS Know HIV status - Last injecting partner
No ................................................................. 0
Yes ................................................................. 1
Refuse to Answer ................................................................. 7

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

What was their HIV status?

ID27b. [DO NOT read choices.]
INL_HIV HIV status - Last injecting partner
HIV-negative ................................................................. 1
HIV-positive.......................................................... 2
Indeterminate .......................................................... 3
Refuse to Answer ...................................................... 7

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

IPKINWHCV Knew HCV status - Last injecting partner
No.......................................................... 0
Yes.......................................................... 1
Refuse to Answer .................................................. 7

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

What was their hepatitis C status?

ID28b. [DO NOT read choices.]
INJL_HCV HCV status - Last injecting partner
HCV-Negative...................................................... 1
HCV-Positive..................................................... 2
Refuse to Answer ............................................... 7

[Give Respondent Flashcard U.]

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

ID29. [READ choices.]
INJL_REL Type of relationship - Last injecting partner
Sex partner, such as your spouse, boyfriend/girlfriend, or other person you have sex with .............................. 1
Relative....................................................................... 2
Friend or someone you knew well who was not a sex partner .... 3
Needle or drug dealer ................................................. 4
Stranger or someone you did not know well .................. 5
Other........................................................................ 6
Don’t Know................................................................... 9
Refuse to Answer ................................................... 7

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

CALC_ENDID.
ENDID Time injection drug use section ended
ENDID = Current time
END_ID.

Go to Non-Injection Drug Use Section (ND).
**NHBS ROUND 5 QUESTIONNAIRE**

**NON-INJECTION DRUG USE (ND)**

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
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<td>CYCLE</td>
<td>NHBS Cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
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<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
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<td>CN1</td>
<td>CONSENTA</td>
<td>Consent to survey</td>
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<tr>
<td>Injection Drug Use</td>
<td>--</td>
<td>ENDID</td>
<td>Time injection drug use section ended</td>
</tr>
</tbody>
</table>

### UNIVERSE_ND.

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

### CALC_BEGND.

Time at beginning of ND 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."

**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"]?**

**ND1.**

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

<table>
<thead>
<tr>
<th>ND2B.</th>
<th>[READ choices.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ND_METH</td>
<td>How often used methamphetamine past 12 months</td>
</tr>
<tr>
<td>More than once a day</td>
<td>1</td>
</tr>
<tr>
<td>Once a day</td>
<td>2</td>
</tr>
<tr>
<td>More than once a week</td>
<td>3</td>
</tr>
<tr>
<td>Once a week or less</td>
<td>4</td>
</tr>
<tr>
<td>Never</td>
<td>5</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

How often did you use crack cocaine?

<table>
<thead>
<tr>
<th>ND2C.</th>
<th>[READ choices.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ND_CRACK</td>
<td>How often used crack cocaine past 12 months</td>
</tr>
<tr>
<td>More than once a day</td>
<td>1</td>
</tr>
<tr>
<td>Once a day</td>
<td>2</td>
</tr>
<tr>
<td>More than once a week</td>
<td>3</td>
</tr>
<tr>
<td>Once a week or less</td>
<td>4</td>
</tr>
<tr>
<td>Never</td>
<td>5</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

How often did you smoke or snort powder cocaine?

<table>
<thead>
<tr>
<th>ND2D.</th>
<th>[READ choices.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ND_COKE</td>
<td>How often used powder cocaine that is smoked or snorted past 12 months</td>
</tr>
<tr>
<td>More than once a day</td>
<td>1</td>
</tr>
<tr>
<td>Once a day</td>
<td>2</td>
</tr>
<tr>
<td>More than once a week</td>
<td>3</td>
</tr>
<tr>
<td>Once a week or less</td>
<td>4</td>
</tr>
<tr>
<td>Never</td>
<td>5</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>ND2E.</th>
<th>[READ choices.]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ND_DOWN</td>
<td>How often used downers (benzos) such as Valium past 12 months</td>
</tr>
<tr>
<td>More than once a day</td>
<td>1</td>
</tr>
<tr>
<td>Once a day</td>
<td>2</td>
</tr>
<tr>
<td>More than once a week</td>
<td>3</td>
</tr>
<tr>
<td>Once a week or less</td>
<td>4</td>
</tr>
<tr>
<td>Never</td>
<td>5</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>
How often did you use pain killers such as Oxycontin, Vicodin, morphine, or Percocet?

ND2F. [READ choices.]
ND_PAIN How often used pain killers such as Oxycontin, Vicodin past 12 months
More than once a day ................................................................. 1
Once a day .................................................................................. 2
More than once a week ............................................................... 3
Once a week or less ................................................................. 4
Never ......................................................................................... 5
Don’t Know ................................................................................ 9
Refuse to Answer ...................................................................... 7

How often did you use X or ecstasy?

ND2G. [READ choices.]
ND_X How often used X or ecstasy past 12 months
More than once a day ................................................................. 1
Once a day .................................................................................. 2
More than once a week ............................................................... 3
Once a week or less ................................................................. 4
Never ......................................................................................... 5
Don’t Know ................................................................................ 9
Refuse to Answer ...................................................................... 7

How often did you smoke or snort heroin?

ND2H. [READ choices.]
ND_HER How often used heroin that is smoked or snorted past 12 months
More than once a day ................................................................. 1
Once a day .................................................................................. 2
More than once a week ............................................................... 3
Once a week or less ................................................................. 4
Never ......................................................................................... 5
Don’t Know ................................................................................ 9
Refuse to Answer ...................................................................... 7

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

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

ND2I. [READ choices.]
ND_POP How often used poppers (amyl nitrite) past 12 months
More than once a day ................................................................. 1
Once a day .................................................................................. 2
More than once a week ............................................................... 3
Once a week or less ................................................................. 4
Never ......................................................................................... 5
Don’t Know ................................................................................ 9
Refuse to Answer ...................................................................... 7

ND2J. In the past 12 months, have you used any other drugs that you did NOT inject?
ND_OTHYN Used other non-injection drugs past 12 mos
<table>
<thead>
<tr>
<th>Response</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td>0</td>
</tr>
<tr>
<td>Yes.</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

**ND2J.spec.**  
**What other drugs did you use that you did NOT inject?**

<table>
<thead>
<tr>
<th>Other non-injection drugs</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don't Know</td>
<td>9</td>
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<tr>
<td>Refuse to Answer</td>
<td>7</td>
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</tbody>
</table>

**CALC_ENDND.**

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

**END_ND.**  
Go to Drug Treatment Section (TX).
NHBS ROUND 5 QUESTIONNAIRE

DRUG OVERDOSE AND DRUG TREATMENT (TX)

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
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<tbody>
<tr>
<td>Eligibility Screener</td>
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<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
</tr>
<tr>
<td>Consent</td>
<td>CN1</td>
<td>CONSENTA</td>
<td>Consent to survey</td>
</tr>
<tr>
<td>Non-Injection Drug Use</td>
<td>--</td>
<td>ENND</td>
<td>Time non-injection drug use section ended</td>
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<tr>
<td>Injection Drug Use</td>
<td>--</td>
<td>ENID</td>
<td>Time injection drug use section ended</td>
</tr>
<tr>
<td>Sexual Behavior</td>
<td>--</td>
<td>ENDSX</td>
<td>Time sexual behavior section ended</td>
</tr>
<tr>
<td>Alcohol Use</td>
<td>--</td>
<td>ENDAL</td>
<td>Time alcohol use section ended</td>
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</tbody>
</table>

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

CALC_BEGTX.  Time at beginning of TX 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."

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?

TX1.  DRUGTXR5  Drug treatment - 12 months

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

TX2.  DTXTRYR5  Drug tx tried to get in

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

Check_INTRO_TX3.  If R has used opioids or heroin in the past 12 months (ID3A LT 5 OR ID3B LT 5 OR ID3F LT5 OR ID4a EQ 1,2, or 6 OR INJMOSTA EQ 1 OR INJMOSTB EQ 1 OR INJMOSTF EQ 1 OR ND2F LT5 OR ND2H LT 5) go to INTRO_TX3. Else, go to CALC_ENDTX.

INTRO_TX3.  DISPLAY: "READ: Now, I am going to ask you about your experiences with taking medicines to treat drug use, like methadone, buprenorphine, Suboxone or Subutex. Please only think about these medicines given to you by a doctor or other health care provider."
Have you taken medicines, like methadone, buprenorphine, Suboxone or Subutex, to treat drug use in the past 12 months?

**TX3. MAT**

Drug tx - meds in past 12 months

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<tr>
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<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td></td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td></td>
<td></td>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>

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?

**TX4. MATTTRY**

Drug tx – tried to get meds

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>No</td>
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<tr>
<td>Don’t Know</td>
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<td></td>
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<tr>
<td>Refuse to Answer</td>
<td></td>
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<td>7</td>
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</tbody>
</table>

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.

**TX5. OVERDOSE**

Overdosed in past 12 months

<p>| | | | | |</p>
<table>
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<tr>
<th></th>
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<tbody>
<tr>
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</tr>
<tr>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td></td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td></td>
<td></td>
<td></td>
<td>7</td>
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</tbody>
</table>

**CALC_ENDTX.**

Time drug treatment section ended

ENDTX = Current time

**END_TX.** Go to HIV Testing Experiences Section (HT).
NHBS ROUND 5 QUESTIONNAIRE

HIV TESTING EXPERIENCES (HT)

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

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<td>Interview date</td>
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<tr>
<td>Preloaded Variable</td>
<td>--</td>
<td>IDATEY</td>
<td>Interview date: Year</td>
</tr>
<tr>
<td>Preloaded Variable</td>
<td>--</td>
<td>IDATE_C</td>
<td>Interview date: Century Month</td>
</tr>
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<td>Preloaded Variable</td>
<td>--</td>
<td>AGO6M_C</td>
<td>6 mos before interview: Century Month</td>
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<td>AGO12M_C</td>
<td>12 mos before interview: Century Month</td>
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<td>--</td>
<td>AGO2Y_C</td>
<td>2 yrs before interview: Century Month</td>
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<td>DOB</td>
<td>Date of birth</td>
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<td>Interviewer Entered Information</td>
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<td>CITY</td>
<td>City</td>
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<td>Consent</td>
<td>CN1</td>
<td>CONSENTA</td>
<td>Consent to survey</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
</tr>
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<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
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<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
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<tr>
<td>Drug Treatment</td>
<td>---</td>
<td>ENDTX</td>
<td>Time drug treatment section ended</td>
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</table>

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. Time at beginning of HIV testing

BEGHT

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

<table>
<thead>
<tr>
<th>Ever tested for HIV</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

HT2. Have you ever tested positive for HIV, that is, do you have HIV?

EVERPOS

<table>
<thead>
<tr>
<th>Ever test positive for HIV</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
</tbody>
</table>
Refuse to Answer .................................................................
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

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

HT3.
TEST2YRS Number of times tested, past 2 years
Range................................................................. 0-700
Don’t Know ................................................................ 999
Refuse to Answer......................................................... 777

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

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

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.

Check_CALC_RCNTST_C. Else, go to CALC_RCNTST_C.

CALC_RCNTST_C.

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

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.

SoftEdit_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 GT 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.

CRQ_RS_HETS_V1 ENG
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<table>
<thead>
<tr>
<th>Section</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check_HT4conf.</td>
<td>Else, go to HT4a.</td>
</tr>
<tr>
<td>HT4conf.</td>
<td><strong>Was your most recent HIV test in the past 12 months, that is, since</strong> [fill with interview month, formatted as text] <strong>of last year?</strong></td>
</tr>
<tr>
<td>C_RCNTST</td>
<td>HIV test in 12 months - y/n</td>
</tr>
<tr>
<td></td>
<td>No................................................................. 0</td>
</tr>
<tr>
<td></td>
<td>Yes.............................................................. 1</td>
</tr>
<tr>
<td></td>
<td>Don’t Know.................................................. 9</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer........................................... 7</td>
</tr>
<tr>
<td></td>
<td><strong>When you got tested</strong> [if month &amp; year of last test are known, fill with response to HT4, formatted as &quot;in month, YYYY&quot;; if month missing but year known, fill with response to HT4 (year), formatted as &quot;in YYYY&quot;; if month &amp; year of last test not reported (HT4 EQ DK or REF), fill with &quot;that last time&quot;], <strong>where did you get tested?</strong></td>
</tr>
<tr>
<td>HT4a.</td>
<td>[DO NOT READ choices.]</td>
</tr>
<tr>
<td>LOCHIV</td>
<td>Location of recent HIV test</td>
</tr>
<tr>
<td></td>
<td>HIV counseling and testing site........................................ 1</td>
</tr>
<tr>
<td></td>
<td>HIV/AIDS street outreach program or mobile unit .................. 2</td>
</tr>
<tr>
<td></td>
<td>Drug treatment program ......................................... 4</td>
</tr>
<tr>
<td></td>
<td>Needle or syringe exchange program ................................ 5</td>
</tr>
<tr>
<td></td>
<td>Correctional facility (jail or prison) ............................ 6</td>
</tr>
<tr>
<td></td>
<td>Family planning or obstetrics clinic ............................. 7</td>
</tr>
<tr>
<td></td>
<td>Public health clinic or community health center ................ 8</td>
</tr>
<tr>
<td></td>
<td>Private doctor’s office (including HMO) .......................... 9</td>
</tr>
<tr>
<td></td>
<td>Emergency room.................................................. 10</td>
</tr>
<tr>
<td></td>
<td>Hospital (inpatient) ........................................... 11</td>
</tr>
<tr>
<td></td>
<td>At home.......................................................... 12</td>
</tr>
<tr>
<td></td>
<td>Other............................................................ 13</td>
</tr>
<tr>
<td></td>
<td>Don’t Know.................................................... 99</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer.............................................. 77</td>
</tr>
<tr>
<td>HT4b.</td>
<td><strong>Did you get the result of your most recent HIV test?</strong></td>
</tr>
<tr>
<td>GOTRCNT</td>
<td>Got result most recent HIV test</td>
</tr>
<tr>
<td></td>
<td>No................................................................. 0</td>
</tr>
<tr>
<td></td>
<td>Yes.............................................................. 1</td>
</tr>
<tr>
<td></td>
<td>Don’t Know.................................................. 9</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer........................................... 7</td>
</tr>
<tr>
<td></td>
<td><strong>What was the result of your most recent HIV test?</strong></td>
</tr>
<tr>
<td>HT4c.</td>
<td>[READ choices.]</td>
</tr>
<tr>
<td>RCNTRST</td>
<td>Result most recent HIV test</td>
</tr>
<tr>
<td></td>
<td>Negative, you do NOT have HIV .................................... 1</td>
</tr>
<tr>
<td></td>
<td>Positive, you DO have HIV ...................................... 2</td>
</tr>
<tr>
<td></td>
<td>Don’t Know.................................................. 9</td>
</tr>
<tr>
<td></td>
<td>Refuse to Answer........................................... 7</td>
</tr>
<tr>
<td>Check_INTRO_HT5.</td>
<td>If recent test result was positive (HT4c EQ 2), go to Self-Reported Positive (SRP) Series.</td>
</tr>
<tr>
<td></td>
<td>If whether or not R tested in past 12 months is unknown (((HT4 EQ DK or REF) &amp; (HT4conf EQ DK or REF)) or (HT4 EQ REF) or ((RCNTSTY=IDATEY-1) &amp; (HT4conf EQ DK or REF))), go to INTRO_HT11.</td>
</tr>
</tbody>
</table>
If recent test not positive (HT4c NE 2) & R tested in past 12 months ((RCNTST_C GE AGO12M_C) or (HT4conf EQ 1) or (RCNTSTM is missing & (IDATEY=RCNTSTY))), go to INTRO_HT5.

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

INTRO_HT5.

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

HT5.

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

RHTST12M

Times tested, rapid home test, 12 months

<table>
<thead>
<tr>
<th>Range</th>
<th>0-700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don't Know</td>
<td>999</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>777</td>
</tr>
</tbody>
</table>

Go to INTRO_HT11.

Check_BarrierstoHIVTesting

Barriers to HIV Testing

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

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

HT6.

[READ choices.]

RENT12M

Reason not tested past 12 mos

1. You think you are at low risk for HIV infection?
2. You were afraid of finding out that you had HIV?
3. You didn’t have time?
4. Some other reason?
5. No particular reason?
6. Don’t Know?
7. Refuse to Answer?

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

Else, go to INTRO_HT11.

Check_HT6a.

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

SPECNTST

Most important reason not tested past 12 months

[Text response; max length = 100 characters]

1. Don’t Know
2. Refuse to Answer

Check_SRPSeries. Go to INTRO_HT11.

Universe_SRPSeries. Rs who reported ever testing HIV-positive (HT2 EQ 1) or (HT4c EQ 2).
Self-Reported HIV-positive (SRP) Series (HT7 – HT7g)

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

POS1ST Date of first positive test
_ _ / _ _ _ _ (MM/YYYY)

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

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

**HT7b.**

<table>
<thead>
<tr>
<th>Address</th>
<th>Yes</th>
<th>No</th>
<th>Don't Know</th>
<th>Refuse to Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>POSASKED</td>
<td>1</td>
<td>0</td>
<td>9</td>
<td>7</td>
</tr>
</tbody>
</table>

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

**Check_HT7c.**

Else, go to HT7d.

**HT7c.**

<table>
<thead>
<tr>
<th>Address</th>
<th>Yes</th>
<th>No</th>
<th>Don't Know</th>
<th>Refuse to Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gave names or contact information of partners</td>
<td>1</td>
<td>0</td>
<td>9</td>
<td>7</td>
</tr>
</tbody>
</table>

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

**HT7d.**

<table>
<thead>
<tr>
<th>Address</th>
<th>Yes</th>
<th>No</th>
<th>Don't Know</th>
<th>Refuse to Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Told where to get HIV care</td>
<td>1</td>
<td>0</td>
<td>9</td>
<td>7</td>
</tr>
</tbody>
</table>

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

**HT8a.**

<table>
<thead>
<tr>
<th>Address</th>
<th>Yes</th>
<th>No</th>
<th>Don't Know</th>
<th>Refuse to Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seen health care provider for HIV infection</td>
<td>1</td>
<td>0</td>
<td>9</td>
<td>7</td>
</tr>
</tbody>
</table>

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

**Check_HT8b.**

Else, go to INTRO_HT11.
When did you first go to your health care provider after learning you had HIV? Please tell me the month and year.

FRSMD
First saw health care provider after learning HIV+
__ __ / __ ___ __ __ (MM/YYYY)
Range (Year) ................................................. 1900-2100
Don’t Know (Year)........................................ 9999
Refuse to Answer (Year).............................. 7777

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.
Century month version of 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 IDATEC) 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 (POS1STM GT FRSMDC) or (POS1STY AFTER FRSMDC), 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 (FRSMDCM 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?
Confirm: 1st MD visit more than 30 days before 1st HIV-pos Dx
No,.............................................................. 0
Yes............................................................... 1
Don’t Know................................................... 9
Refuse to Answer......................................... 7

HT8c.
When did you last go to your health care provider for HIV care? Please tell me the month and year.

LASTMD
Last saw health care provider
__ __ / __ ___ __ __ (MM/YYYY)
Range (Year) ................................................. 1900-2100
Don’t Know (Year)......................................... 9999
Refuse to Answer (Year).............................. 7777

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

**CALC_LASTMD_C.**

Century month version of

<table>
<thead>
<tr>
<th>LASTMD_C</th>
<th>LAST MD date</th>
</tr>
</thead>
<tbody>
<tr>
<td>LASTMD_C = (LASTMDY-1900)*12 + LASTMDM</td>
<td></td>
</tr>
</tbody>
</table>

**HardEdit_HT8c.**

If R’s date of last visit for HIV care after date of interview \(((\text{LASTMD}_C \ GT \text{IDATE}_C) \text{ or } (\text{LASTMDY} \ \text{AFTER} \ \text{IDATEY}))\), 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 \(((\text{LASTMD}_C \ LT \text{FRSMD}_C) \text{ or } (\text{FRSMDY} \ \text{AFTER} \ \text{LASTMDY}))\), 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 \(((\text{LASTMD}_C \ LT \text{POS1ST}_C) \text{ or } (\text{POS1STY} \ \text{AFTER} \ \text{LASTMDY}))\), 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?

<table>
<thead>
<tr>
<th>C_LASTMD</th>
<th>Last HIV care in the past 6 months - n/y</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.-----------------------------..........................</td>
<td>0</td>
</tr>
<tr>
<td>Yes.......................................................</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know..................................................</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer..................................................</td>
<td>7</td>
</tr>
</tbody>
</table>

**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?

<table>
<thead>
<tr>
<th>CURRAMED</th>
<th>Currently taking antiretrovirals</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.-----------------------------..........................</td>
<td>0</td>
</tr>
<tr>
<td>Yes.......................................................</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know..................................................</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer..................................................</td>
<td>7</td>
</tr>
</tbody>
</table>
**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? 

<table>
<thead>
<tr>
<th>EVRLVLTST</th>
<th>Date</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td></td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Don’t Know</td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td></td>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>

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

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

- **RCVLTST**
  - Date of most recent VL
  - __ __ / __ __ __ __ (MM/YYYY)

  - Range (Year) ............................................... 1900-2100
  - 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.** Century month version of RCVLTST date

- **VLTST_C**
  - 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.]

**HT10b.** What was the result of your most recent viral load test?

<table>
<thead>
<tr>
<th>VRLTRSLT</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Below the level of detection, undetectable</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Detectable but less than 5,000 viral copies/ml</td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>
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

The first statement is... MOST PEOPLE in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] would discriminate against someone with HIV. Do you...

HT11. PHIVDISC
Perceived discrimination against someone with HIV
Strongly agree .................................................................................. 1
Agree ........................................................................................................ 2
Neither agree nor disagree ................................................................. 3
Disagree .................................................................................................. 4
Strongly disagree ................................................................................. 5
Don’t Know ........................................................................................... 9
Refuse to Answer .................................................................................. 7

MOST PEOPLE in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] would support the rights of a person with HIV to live and work wherever they wanted to. Do you...

HT12. PSUPPHIV
Perceived support of rights of persons with HIV
Strongly agree .................................................................................. 1
Agree ........................................................................................................ 2
Neither agree nor disagree ................................................................. 3
Disagree .................................................................................................. 4
Strongly disagree ................................................................................. 5
Don’t Know ........................................................................................... 9
Refuse to Answer .................................................................................. 7

MOST PEOPLE in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] would not be friends with someone with HIV. Do you...

HT13. PERFRHIV
Perceived friendships with persons with HIV
Strongly agree .................................................................................. 1
Agree ........................................................................................................ 2
Neither agree nor disagree ................................................................. 3
Disagree .................................................................................................. 4
Strongly disagree ................................................................................. 5
Don’t Know ........................................................................................... 9
Refuse to Answer .................................................................................. 7

MOST PEOPLE in [if the project area is Norfolk (IE2 EQ 17), fill with "Hampton Roads", else, fill with project area (city name from IE2)] think that people who got HIV through sex or drug use have gotten what they deserve. Do you...
[READ choices.]

Belief people with HIV got what they deserved

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

ENDHT

ENDHT = Current time

Go to Health Conditions Section (HC).
Variables from prior section(s) used in this section of the questionnaire

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
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<td>QDS calculated age today</td>
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<tr>
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<td>CYCLE</td>
<td>NHBS Cycle</td>
</tr>
<tr>
<td>Consent</td>
<td>CN1</td>
<td>CONSENTA</td>
<td>Consent to survey</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
</tr>
<tr>
<td>HIV Testing</td>
<td>--</td>
<td>ENDHT</td>
<td>Time HIV testing section ended</td>
</tr>
</tbody>
</table>

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. Time at beginning of HC section
BEGHC = Current time

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

Hepatitis C (HCV)

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

HC1. Have you ever been tested for hepatitis C infection?
EVRHCTST Ever tested for HCV
No. .................................................................................................................. 0
Yes .................................................................................................................. 1
Don't Know .................................................................................................... 9
Refuse to Answer ......................................................................................... 7

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

HC2a. In what year did you have your most recent hepatitis C test?
RCHCTST When most recent HCV test
--- ................................................................. 1900-2100
Don't Know .................................................................................................. 9999
Refuse to Answer ........................................................................................ 7777
HardEdit_HC2a  If year of most recent hepatitis test after current year (RCHCTSTY GT IDATEY), Display: "INTERVIEWER: The year of the most recent hepatitis C test cannot be after the current year". Then, go back to HC2a.
Else, go to HC2b.

[Give Respondent Flashcard W.]

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

HC2b  [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.

HC2c  INTERVIEWER: Type in other location where respondent got the last hepatitis C test.
SPECHCVT  Other location where R got hepatitis C test

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

HC3  Has a doctor, nurse, or other health care provider ever told you that you had hepatitis C?
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?

HC4a  [READ choices.]

WHENHVC  When told they 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
**Sexually Transmitted Diseases**

**INTRO_HC5a.**  
On one screen, DISPLAY: "READ: Now, I'm going to ask you some questions about sexually transmitted diseases, or STDs, other than HIV and hepatitis."

On the next screen, DISPLAY: "READ: Has a doctor or other health care provider EVER told you that you had either of the following:

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

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

<table>
<thead>
<tr>
<th>Choice</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Choice</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

**HC6.**  
STDTEST  
Tested for STD past 12 months

<table>
<thead>
<tr>
<th>Choice</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
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</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Choice</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

**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

Have you ever received a vaccine against HPV, for example, GARDASIL, which prevents genital warts, anal cancer, and cervical cancer?

HC9a. Ever received HPV shot
HPVVAC
Ever received HPV shot
No.................................................................0
Yes...............................................................1
Don’t Know..................................................9
Refuse to Answer..........................................7

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

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

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

Psychological Distress

INTRO_HC10a. DISPLAY: [Give Respondent Flashcard Y.]

"READ: These next questions ask how you have been feeling during the past 30 days. Please tell me how you have been feeling using one of the options on this card."

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

HC10a. How often nervous in past 30 days
FEELNERV
How often nervous in past 30 days
### During the past 30 days, how often did you feel hopeless?

<table>
<thead>
<tr>
<th>All of the time</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most of the time</td>
<td>1</td>
</tr>
<tr>
<td>Some of the time</td>
<td>2</td>
</tr>
<tr>
<td>A little of the time</td>
<td>3</td>
</tr>
<tr>
<td>None of the time</td>
<td>4</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>All of the time</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most of the time</td>
<td>1</td>
</tr>
<tr>
<td>Some of the time</td>
<td>2</td>
</tr>
<tr>
<td>A little of the time</td>
<td>3</td>
</tr>
<tr>
<td>None of the time</td>
<td>4</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>All of the time</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most of the time</td>
<td>1</td>
</tr>
<tr>
<td>Some of the time</td>
<td>2</td>
</tr>
<tr>
<td>A little of the time</td>
<td>3</td>
</tr>
<tr>
<td>None of the time</td>
<td>4</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>All of the time</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most of the time</td>
<td>1</td>
</tr>
<tr>
<td>Some of the time</td>
<td>2</td>
</tr>
<tr>
<td>A little of the time</td>
<td>3</td>
</tr>
<tr>
<td>None of the time</td>
<td>4</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>All of the time</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most of the time</td>
<td>1</td>
</tr>
<tr>
<td>Some of the time</td>
<td>2</td>
</tr>
<tr>
<td>A little of the time</td>
<td>3</td>
</tr>
<tr>
<td>None of the time</td>
<td>4</td>
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<tr>
<td>Don’t Know</td>
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<tr>
<td>Refuse to Answer</td>
<td>7</td>
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<tr>
<td>FEELDOWN</td>
<td>How often down in past 30 days</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------------------------------------</td>
</tr>
<tr>
<td>All of the time</td>
<td>....................................................</td>
</tr>
<tr>
<td>Most of the time</td>
<td>...................................................</td>
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<tr>
<td>Some of the time</td>
<td>..................................................</td>
</tr>
<tr>
<td>A little of the time</td>
<td>.........................................</td>
</tr>
<tr>
<td>None of the time</td>
<td>...............................................</td>
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<tr>
<td>Don’t Know</td>
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**CALC_ENDHC.**

<table>
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<tr>
<th>ENDHC</th>
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<th>ENDHC = Current time</th>
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</thead>
</table>

**END_HC.**

Go to Jail Testing Section (JT).
NHBS ROUND 5 QUESTIONNAIRE

JUSTICE SYSTEM EXPERIENCES AND TESTING (JT)

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
</tr>
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<tbody>
<tr>
<td>Consent</td>
<td>CN1</td>
<td>CONSENTA</td>
<td>Consent to survey</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
</tr>
<tr>
<td>Health Conditions</td>
<td>--</td>
<td>ENDHC</td>
<td>Time health conditions section ended</td>
</tr>
</tbody>
</table>

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

CALC_BEGJT. Time at beginning of JT section

BEGJT = Current time

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

JT1. Have you ever been held in a detention center, jail, or prison for more than 24 hours?

EVHELD

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>1</th>
<th>9</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Don’t Know</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Check_JT1a. If JT1 EQ 1, go to JT1a. Else, go to CALC_ENDJT.

JT1a. During the past 12 months, that is, since [fill with interview month, formatted as text] of last year, have you been held in a detention center, jail, or prison for more than 24 hours?

HELD12M

<table>
<thead>
<tr>
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<th>9</th>
<th>7</th>
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<tbody>
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<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Don’t Know</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Check_JT2. If R held or arrested in past 12 months, (JT1a EQ 1), go to JT2. Else, go to CALC_ENDJT.

JT2. During the past 12 months, when you were in detention, jail, or prison, did you get a test for HIV?

HIVTJL

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>1</th>
<th>9</th>
<th>7</th>
</tr>
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<tbody>
<tr>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Don’t Know</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refuse to Answer</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CALC_ENDJT.</td>
<td>Time HIV testing in jail section ended</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENDJT</td>
<td>ENDJT = Current time</td>
<td></td>
<td></td>
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| END_JT. | Go to Prevention Activities (PA). |
NHBS ROUND 5 QUESTIONNAIRE

PREVENTION ACTIVITIES (PA)

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
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</thead>
<tbody>
<tr>
<td>Preloaded Variables</td>
<td>--</td>
<td>CYCLE</td>
<td>NHBS Cycle</td>
</tr>
<tr>
<td>Injection Drug Use</td>
<td>--</td>
<td>LINJ12</td>
<td>injected in last 12 months</td>
</tr>
<tr>
<td>Injection Drug Use</td>
<td>ID8</td>
<td>STERILE</td>
<td>INJ Frequency used sterile needle- 12 months</td>
</tr>
<tr>
<td>Injection Drug Use</td>
<td>--</td>
<td>ENDID</td>
<td>Time injection drug section ended</td>
</tr>
<tr>
<td>Consent</td>
<td>CN1</td>
<td>CONSENTA</td>
<td>Consent to survey</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>E_INJ12</td>
<td>injected in last 12 months</td>
</tr>
<tr>
<td>HIV Testing in Jail</td>
<td>--</td>
<td>ENDJT</td>
<td>Time HIV testing in jail section ended</td>
</tr>
<tr>
<td>HIV Testing</td>
<td>HT2</td>
<td>EVERPOS</td>
<td>Ever test positive for HIV</td>
</tr>
<tr>
<td>HIV Testing</td>
<td>HT4c</td>
<td>RCNTRST</td>
<td>Result most recent HIV test</td>
</tr>
</tbody>
</table>

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

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.

PA2a.

<table>
<thead>
<tr>
<th>STLNDL12</th>
<th>Got new sterile needles, 12m</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>17</td>
</tr>
<tr>
<td>Yes</td>
<td>17</td>
</tr>
<tr>
<td>Don't Know</td>
<td>17</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>17</td>
</tr>
</tbody>
</table>

Check_PA2b. If R got new sterile needles (PA2a EQ 1), go to PA2b. Else, go to PA3a.

[Give Respondent Flashcard AA]

PA2b. 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.

<table>
<thead>
<tr>
<th>SNDLSRC</th>
<th>Sources of new sterile needles, 12m</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNDLSRCA</td>
<td>Needle or syringe exchange program</td>
</tr>
<tr>
<td>SNDLSRCB</td>
<td>Someone who got them from a needle exchange</td>
</tr>
<tr>
<td>SNDLSRCC</td>
<td>Pharmacy or drug store</td>
</tr>
<tr>
<td>SNDLSRCD</td>
<td>Doctor's office, clinic, or hospital</td>
</tr>
<tr>
<td>SNDLSRCE</td>
<td>HIV/AIDS-focused organization</td>
</tr>
<tr>
<td>SNDLSRCF</td>
<td>Some other place</td>
</tr>
<tr>
<td>Don't Know</td>
<td>17</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>17</td>
</tr>
</tbody>
</table>

Check_PA3a. In the past 12 months, have you gotten any other new injection supplies, such as cookers, cotton, or water?

PA3a.

<table>
<thead>
<tr>
<th>KITS12R5</th>
<th>Got new injection equipment, 12m</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>17</td>
</tr>
<tr>
<td>Yes</td>
<td>17</td>
</tr>
<tr>
<td>Don't Know</td>
<td>17</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>17</td>
</tr>
</tbody>
</table>

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

[Give Respondent Flashcard AA]

PA3b. 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.]
HIV Behavioral Interventions

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.

PA4a.

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."

PAS.  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

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

PA6a.  PrEP?

PRPAWR  PrEP, awareness
| **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?**  
| PRPSC | **PrEP, discussed with HCP, 12m**  
| No. | 0  
| Yes. | 1  
| Don’t Know | 9  
| Refuse to Answer | 7 |
| **PA6c.** | **In the past 12 months, have you taken PrEP to reduce the risk of getting HIV?**  
| PRPUS12M | **PrEP use, 12m (y/n)**  
| No. | 0  
| Yes. | 1  
| Don’t Know | 9  
| Refuse to Answer | 7 |
| **Check_PA6d.** | If R reported using PrEP in the past 12 months (PA6c EQ 1), go to PA6d.  
| Else, go to INTRO_PA7. |
| **PA6d.** | **When you took PrEP in the past 12 months, did you take it every day, almost every day, or less often?**  
| PRPFX12M | **PrEP use, frequency, 12m**  
| Every day | 2  
| Almost every day | 1  
| Less often | 0  
| Don’t Know | 9  
| Refuse to Answer | 7 |
| **Check_PA6e.** | If R reported using PrEP daily (PA6d EQ 1 OR 2), go to PA6e.  
| If R reported using PrEP less than daily or did not know how often they used PrEP (PA6d EQ 0 OR DK), go to PA6f.  
| Else, go to PA6h. |
| **PA6e.** | **Since [fill with interview month, formatted as text] of last year, did you take PrEP for at least 2 months in a row?**  
| PRPDU12M | **PrEP use, duration, 12m**  
| No. | 0  
| Yes. | 1  
| Don’t Know | 9  
| Refuse to Answer | 7 |
| **Check_PA6f.** | Go to PA6h. |
| **PA6f.** | **Which of the following describe how you took PrEP since [fill with interview month, formatted as text] of last year? You may choose more than one option.**  
| [READ choices. CHECK ALL that apply.]
| PRPNDL | PrEP, how used  
| PRPNDLA | Before you planned to have sex  
| PRPNDLB | After sex.
PRPNDLC  | Other times ........................................................................
| Don't Know........................................................................... 9
| Refuse to Answer.................................................................... 7

Check_PA6g. If R reported taking PrEP at other times (PRPNDLC EQ 1), go to PA6g.
Else, go to PA6h.

PA6g. | How did you use PrEP?
SPECPRU | PrEP, how used, text

<table>
<thead>
<tr>
<th>text response; max length = 100 characters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don't Know............................................. 9</td>
</tr>
<tr>
<td>Refuse to Answer....................................... 7</td>
</tr>
</tbody>
</table>

[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.

PA6h. [READ choices. CHECK ALL that apply.]
PRPSC  | PrEP, sources, 12m
PRPSCA | Prescription from a health care provider.........................
PRPSCB | Directly from a health care provider or clinic....................
PRPSCC | A friend or relative......................................................
PRPSCD | A person you have sex with ............................................
PRPSEC | A person you use drugs with ...........................................
PRPSCF | Some other source ......................................................

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

Check_PA6g. If R got PrEP from some other source (PRPSRCF EQ 1), go to PA6i.
Else, go to INTRO_PA7.

PA6i. | What was that other source?
SPECPRS | PrEP, sources, text

<table>
<thead>
<tr>
<th>text response; max length = 100 characters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don't Know............................................. 9</td>
</tr>
<tr>
<td>Refuse to Answer....................................... 7</td>
</tr>
</tbody>
</table>

Violence

INTRO_PA7. DISPLAY: "READ: Next, I would like to ask you about some situations that may have happened to you."

PA7. | 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 |
PA8.
SXVIO12M

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

Sexual violence, 12 mo

<table>
<thead>
<tr>
<th>Response</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Don't Know</td>
<td>9</td>
</tr>
<tr>
<td>Refuse to Answer</td>
<td>7</td>
</tr>
</tbody>
</table>

CALC_ENDPA.

Time prevention activities section ended

ENDPA = Current time

End_PA. Go to End of Survey Section (END).
## Variables from prior section(s) used in this section of the questionnaire

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
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</thead>
<tbody>
<tr>
<td>Prevention Activities</td>
<td>PA1</td>
<td>SVR12MO</td>
<td>Sexual violence by respondent, 12 mo</td>
</tr>
<tr>
<td>Preloaded Variables</td>
<td>--</td>
<td>CYCLE</td>
<td>NHBS Cycle</td>
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<tr>
<td>Preloaded Variables</td>
<td>--</td>
<td>LANGUAGE</td>
<td>Language</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>ES7a</td>
<td>HRA</td>
<td>Lives in a HRA</td>
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<tr>
<td>Eligibility Screener</td>
<td>ES9</td>
<td>GENDER</td>
<td>Gender</td>
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<tr>
<td>Consent</td>
<td>CN1</td>
<td>CONSENTA</td>
<td>Consent to survey</td>
</tr>
<tr>
<td>Consent</td>
<td>CN2</td>
<td>CONSENTB</td>
<td>Consent to HIV testing</td>
</tr>
<tr>
<td>Interviewer Entered Information</td>
<td>IE10</td>
<td>ISEED</td>
<td>Respondent is a seed</td>
</tr>
<tr>
<td>Injection Drug Use</td>
<td>ID1</td>
<td>EVRINJ</td>
<td>Ever Injected drugs</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
</tr>
</tbody>
</table>

### NHBS ROUND 5 QUESTIONNAIRE

#### END OF SURVEY (END)

<table>
<thead>
<tr>
<th>Section</th>
<th>Question #</th>
<th>Variable name</th>
<th>Variable label</th>
</tr>
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<td>CYCLE</td>
<td>NHBS Cycle</td>
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<td>Ever Injected drugs</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_MSM</td>
<td>Eligible: MSM cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_IDU</td>
<td>Eligible: IDU cycle</td>
</tr>
<tr>
<td>Eligibility Screener</td>
<td>--</td>
<td>EL_HET</td>
<td>Eligible: HET cycle</td>
</tr>
</tbody>
</table>

### 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 ENDS.

### 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
  - 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

ENDS. 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 (ENDS 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_HETDEFR5.

RDS Recruiter Variables

IDU Recruiter

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

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

Check_CALC_HET_RCTR. Go to Check_INTRO_END6.

HET Definition & HET Recruiter

**CALC_HHINLO**
HHINLO Income range reported, min.

- If HHINCOM=0, HHINLO=0;
- If HHINCOM=1, HHINLO=5000;
- If HHINCOM=2, HHINLO=10000;
- If HHINCOM=3, HHINLO=12500;
- If HHINCOM=4, HHINLO=15000;
- If HHINCOM=5, HHINLO=20000;
- If HHINCOM=6, HHINLO=25000;
- If HHINCOM=7, HHINLO=30000;
- If HHINCOM=8, HHINLO=35000;
- If HHINCOM=9, HHINLO=40000;
- If HHINCOM=10, HHINLO=50000;
- If HHINCOM=11, HHINLO=60000;
- If HHINCOM=12, HHINLO=75000;
- If HHINCOM=(DK or REF), HHINLO= ;

**CALC_HHINHI**
HHINHI Income range reported, max.

- If HHINCOM=0, HHINHI=4999;
- If HHINCOM=1, HHINHI=9999;
- If HHINCOM=2, HHINHI=12499;
- If HHINCOM=3, HHINHI=14999;
- If HHINCOM=4, HHINHI=19999;
- If HHINCOM=5, HHINHI=24999;
- If HHINCOM=6, HHINHI=29999;
- If HHINCOM=7, HHINHI=34999;
- If HHINCOM=8, HHINHI=39999;
- If HHINCOM=9, HHINHI=49999;
- If HHINCOM=10, HHINHI=59999;
- If HHINCOM=11, HHINHI=74999;
- If HHINCOM=12, HHINHI= ;
- If HHINCOM=(DK or REF), HHINHI= ;

**CALC_HHSGL18**
HHSGL18 DHHS Poverty Guidelines, 2018

- If HETS (2018):
  - If DEPEND= SK, HHSGL18= ;
  - If DEPEND= (DK, REF, or 1), HHSGL18= 12140 ;
  - If DEPEND=2, HHSGL18= 16460 ;
  - If DEPEND=3, HHSGL18= 20780 ;
  - If DEPEND=4, HHSGL18= 25100 ;
  - If DEPEND=5, HHSGL18= 29420 ;
If DEPEND=6, HHSGL18= 33740;
If DEPEND=7, HHSGL18= 38060;
If DEPEND=8, HHSGL18= 42380;
If DEPEND=9, HHSGL18= 46700;
If DEPEND=10, HHSGL18= 51020;
If DEPEND=11, HHSGL18= 55340;
If DEPEND=12, HHSGL18= 59660;
If DEPEND=13, HHSGL18= 63980;
If DEPEND=14, HHSGL18= 68300;
If DEPEND=15, HHSGL18= 72620;
If DEPEND=16, HHSGL18= 76940;
If DEPEND=17, HHSGL18= 81260;
If DEPEND=18, HHSGL18= 85580;
If DEPEND=19, HHSGL18= 89900;
If DEPEND=20, HHSGL18= 94220;

Reference:

CALC_HHS150I8

HHS15018 150% HHS Guideline for # dependents, 2018

If HET5 (2018), HHS15018= HHSGL18*1.50;
Else, HHS15018 = .;

CALC_LIMLT18

LIMLT18 MSA Low income multiplier, 2018

If HET5 (2018):
If Memphis or San Juan (CITY= 12 or 23), LIMLT18= 1.0.

If Atlanta, Chicago, Dallas, Detroit, Houston, New Orleans, Norfolk, or Portland (CITY= 1, 4, 5, 7, 9, 15, 17, or 19), LIMLT18= 1.1.

If Baltimore, Denver, Miami, Philadelphia, or Seattle (CITY= 2, 6, 11, 18, or 24), LIMLT18= 1.2.

If Boston, Nassau, Newark, or New York City (CITY= 3, 13, 14, or 16), LIMLT18= 1.3.

If Los Angeles, San Diego, or Washington DC (CITY=10, 21, or 25), LIMLT18= 1.4.

If San Francisco (CITY=22) LIMLT18= 1.5.

Weight to adjust for geographic differences in cost of living. Calculated as the ratio of the Metropolitan Statistical Area Supplemental Poverty Measure threshold for 2-adult 2-children families (renters) to the Official Poverty Measure threshold for 2 adult 2 children families.

Notes:

References:

**CALC_LITH18**

LITH18 Low income threshold, 2018

- If HET5 (2018), LITH18 = HHS15018*LIMLT18;
- Else, LITH18 = .;

**CALC_LOWINC18**

LOWINC18 Low income status, 2018

- If HET5 (2018):
  - If HHINCOM in (DK, REF, or SK), LOWINC18 = .;
  - Else if 0 ≤ HHINLO ≤ LITH18 ≤ HHINHI, LOWINC18 = 1;
  - Else if 0 < HHINHI ≤ LITH18, LOWINC18 = 1;
  - Else, LOWINC18 = .;
- If data collection year ≠ 2018, LOWINC18 = .;

**CALC_LOWINC_DCC**

LOWINC_DCC Low income status

LOWINC_DCC = LOWINC18

**CALC_HETDEFR5.**

HETDEFR5 Met HET definition

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

**CALC_HETDEF_DCC**

HETDEF_DCC HET Definition for DCC portal

HETDEF_DCC = HETDEFR5

**CALC_HET_RCTR5.**

HET_RCTR5 Eligible: HET RDS Recruiter

- If R is NOT a seed: (ISEED EQ 0):
  - If data are valid (VALIDITY=1 OR VALIDITY=2) & complete (COMPLETE=1) and R met the HET definition (HETDEFR5=1), R selected to receive coupons (HET_RCTR5=1). Else, R is not to receive coupons (HET_RCTR5=0).
- If R IS a seed: (ISEED EQ 1):
  - If R has never injected (EVRINJ=0) & never had male-male sex ((GENDER=2) or (M_MEVER=0)) & data are valid (VALIDITY=1 OR VALIDITY=2) & complete (COMPLETE=1) and R met the HET definition (HETDEFR5=1), R selected to receive coupons (HET_RCTR5=1). Else, R is not to receive coupons (HET_RCTR5=0).
HET_RCTR_DCC  HET Recruiter for DCC
portal  HET_RCTR_DCC = HET_RCTR5

Check_INTRO_END6.  If RDS cycle & R IS eligible to recruit (CYCLE EQ 2 & IDU_RCTR EQ 1), or (CYCLE EQ 3 & HET_RCTR R5 EQ 1), DISPLAY: "The computer SELECTED this respondent to recruit others and receive coupons." Then, go to END6.

If RDS cycle & R NOT eligible to recruit (CYCLE EQ 2 & IDU_RCTR EQ 0) or (CYCLE EQ 3 & HET_RCTR R5 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. |
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**

<table>
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<tr>
<th>MONTHLY INCOME</th>
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<th>YEARLY INCOME</th>
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<tbody>
<tr>
<td>A. $0 to $416</td>
<td>A. $0 to $4,999</td>
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<tr>
<td>B. $417 to $833</td>
<td>B. $5,000 to $9,999</td>
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<tr>
<td>C. $834 to $1,041</td>
<td>C. $10,000 to $12,499</td>
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<td>D. $1,042 to $1,249</td>
<td>D. $12,500 to $14,999</td>
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<td>E. $1,250 to $1,666</td>
<td>E. $15,000 to $19,999</td>
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<tr>
<td>F. $1,667 to $2,083</td>
<td>F. $20,000 to $24,999</td>
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<tr>
<td>G. $2,084 to $2,499</td>
<td>G. $25,000 to $29,999</td>
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<tr>
<td>H. $2,500 to $2,916</td>
<td>H. $30,000 to $34,999</td>
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<tr>
<td>I. $2,917 to $3,333</td>
<td>I. $35,000 to $39,999</td>
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<td>J. $3,334 to $4,166</td>
<td>J. $40,000 to $49,999</td>
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<td>K. $4,167 to $4,999</td>
<td>K. $50,000 to $59,999</td>
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<tr>
<td>L. $5,000 to $6,249</td>
<td>L. $60,000 to $74,999</td>
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<td>M. $6,250 or more</td>
<td>M. $75,000 or more</td>
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<td>FLASHCARD F</td>
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<td>• A private health plan - through an employer or purchased directly</td>
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<tr>
<td>• Medicaid - for people with low incomes</td>
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<td>• Medicare – for the elderly and people with disabilities</td>
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<tr>
<td>• Some other government plan</td>
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<td>• TRICARE / CHAMPUS</td>
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<td>• Veterans Administration coverage</td>
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<td>• Some other health insurance</td>
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FLASHCARD G

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

• More than once a day
• Once a day
• More than once a week
• Once a week or less
• Never
FLASHCARD I

Definition of "Having Sex"

*Oral, vaginal, or anal sex.*

- Oral sex means mouth on the vagina or penis
- Vaginal sex means penis in the vagina
- Anal sex means penis in the anus or butt
FLASHCARD J

Female Sex Partners

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

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

Definition of "Having Sex"

Oral or anal sex.

- Oral sex means mouth on the penis
- Anal sex means penis in the anus or butt
FLASHCARD L

Male Sex Partners

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

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

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

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

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

- Definitely did not
- Probably did not
- Probably did
- Definitely did
FLASHCARD P

• Birth control pills
• Birth control shots, such as Depo Provera®
• Birth control patch
• Birth control ring that you insert once a month, such as NuvaRing®
• A hormonal implant placed under the skin, such as Implanon™
• A hormonal IUD that lasts for up to 5 years, such as Liletta™ or Mirena®
• A copper IUD that lasts for 10 years, also called ParaGard®
FLASHCARD Q
FOR USE WITH ALCOHOL QUESTIONS

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

1 Regular Beer
12 oz.

1 Glass of Wine
5 oz.
FLASHCARD R

Syringe with a needle that can be removed
FLASHCARD S

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

- Never
- Rarely
- About half the time
- Most of the time
- Always
**FLASHCARD U**

- Sex partner, such as your spouse, boyfriend/girlfriend, or other person you have sex with
- Relative
- Friend or someone you knew well who was not a sex partner
- Needle or drug dealer
- Stranger or someone you did not know well
- Other
FLASHCARD V

- Below the level of detection, undetectable
- Detectable but less than 5,000 viral copies/ml
- 5,000 to 100,000 viral copies/ml
- Greater than 100,000 viral copies/ml
FLASHCARD W

- Doctor’s office, clinic, or health center
- Hospital
- Jail, prison, or detention center
- Drug or alcohol treatment program
- Needle or syringe exchange program
- Other HIV/AIDS-focused organization
- Some other place
FLASHCARD X

- 6 months ago or less
- More than 6 months, but less than 1 year ago
- At least one year but less than 5 years ago
- At least 5 years but less than 10 years ago
- 10 years ago or more
FLASHCARD Y

- All of the time
- Most of the time
- Some of the time
- A little of the time
- None of the time
FLASHCARD Z

- HIV/AIDS-focused organization
- Gay, lesbian, bisexual, transgender, or queer organization
- Needle or syringe exchange program
- IDU outreach program
- Doctor's office, health center, clinic or hospital
- Drug or alcohol treatment center
- Bar, club, bookstore, or other business
- Other community organization
- Some other place
FLASHCARD AA

- Needle or syringe exchange program
- Someone who got them from a needle exchange
- Pharmacy or drug store
- Doctor’s office, clinic, or hospital
- HIV/AIDS-focused organization
- Some other place
FLASHCARD BB

- Prescription from a health care provider
- Directly from a health care provider or clinic
- A friend or relative
- A person you have sex with
- A person you use drugs with
- Some other source
## 2017 CALENDAR

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April 17, 2019

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### 2019

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