

## Attachment 3a

### Eligibility Screener (English)

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

## National HIV Behavioral Surveillance System: Eligibility Screener

Public reporting burden of this collection of information is estimated to average 3 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 H21-8, Atlanta, GA 30333, ATTN: PRA (0920-0770). Do not send the completed form to this address

Assurance of Confidentiality: The voluntarily provided information obtained in this surveillance system that would permit identification of any individual or institution is collected with a guarantee that it will be held in strict confidence, will be used only for the purposes stated, and will not otherwise be disclosed or released without the consent of the individual, or the institution in accordance with Sections 304, 306 and 308(d) of the Public Health Service Act (42 USC 242b, 242k, and 242m(d)).

# NHBS Round 8 CAPI REFERENCE QUESTIONNAIRE (CRQ)

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## Overview

### Questionnaire Sections & Abbreviations

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

### Abbreviations

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

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

**Key Terms**

<b>Term</b>	<b>Prefix / Format convention</b>	<b>Definition</b>
Calculated variable	CALC_	Variables calculated by the CAPI program that appear in the CRQ. Item identifiers for CAPI calculated variables start with the prefix CALC_ followed by the variable name.

Term	Prefix / Format convention	Definition
Century Month	_C	A century month is an integer value that represents the number of months since January 1900. These calculations are used to compare dates and facilitate routing where respondents are asked to only provide the month and year in which an event took place. These types of questions occur in every date item within the CRQ, with the exception of DOB (ES1). As an example, January 2014 is represented by the integer 1369. The higher the integer, the closer the event is to the current date, and the lower the integer, the farther it is in the past. Names of variables collecting century month end in the suffix _C.
Fill text		Text to be displayed for which wording depends on prior responses or other conditions. Square brackets enclose the conditions, description of or actual text to be filled, and if applicable, instructions for how the fill text should be displayed. Actual text to be filled is enclosed in quotes e.g., [if condition is true, fill with "text"]. Fill text based on a prior response or CRQ calculated variable refers to the item number or variable name, respectively, e.g., [fill with # of male partners (SX19)], [fill with current questionnaire year (QYR)]. Examples: [fill with interview month, formatted as text]. Unless otherwise specified, fill text should be formatted as the sentence where it is used.
Flashcards		Flashcard instructions are included as part of the question text to which they apply and should be programmed as displayed in the CRQ. Flashcards themselves are included as an appendix to the CRQ and are not part of the programming requirements.
Hard Edit Check	HardEdit_	A check to determine whether the response entered is logically inconsistent with specific previously entered response. If so, CAPI program displays message to interviewer. Program will <u>not</u> advance until interviewer has changed at least one of the inconsistent values.
Information for interviewer	INFO_	Items for which the CAPI screen displays Information for the interviewer that is <u>NOT</u> read to the Respondent. These statements begin with DISPLAY with actual text to be displayed enclosed in quotes, e.g. [DISPLAY: "Text to be displayed"].
Interviewer instruction		Instruction to interviewer regarding administration of a particular question. These instructions are displayed within brackets on the same CAPI screen as the question. Standard instructions are 'Give Respondent Flashcard {letter}', 'READ choices', 'DO NOT read choices', & 'CHECK ALL that apply.' Instructions for flashcards should appear above the question text; instructions for response options should appear below the question text.
Introductory statement	INTRO_	Transitional statement or definition read to R at the beginning of a new topic (e.g., Section, set of questions, etc.). Displayed on a separate CAPI screen before the item. Item IDs for introductory statements start with the prefix INTRO_ followed by section abbreviation, series, or the item ID of the first item in set or only item to which it applies. These statements begin with DISPLAY: with actual text to be displayed enclosed in quotes, e.g. [DISPLAY: "Text to be displayed"].

Term	Prefix / Format convention	Definition
Item		Elements of the CRQ, including but not limited to questions, screens that display text but do not collect data (e.g., messages and other information for the interviewer, introductory statements read to R), calculated variables, etc.
Item identifier		Identifier for all items in the CRQ. Most items in the NHBS CRQ are questions (including items for which the interviewer enters a response even if the text is not explicitly a question, e.g., survey ID#. Item IDs for questions begin with the 2-digit section abbreviation, followed by a number. Question numbers are in ascending order within each section. Some question numbers end in a letter (indicating it is part of a set). Items that are not questions, e.g., calculated variables refer to the variable name. Item IDs for logic checks refer to the next item. Item IDs for hard and soft edits refer to the preceding item.
Logic Check	Check_	Logic that must be checked in the CAPI program in order to determine proper routing to the next item, topic, or section in the CRQ. In some cases, a logic check may include a message to the Interviewer. Logic checks at the very end of each section begin with END_.
Message	<b>INTERVIEWER:</b>	Message displayed to the interviewer that is <u>not</u> to be read to R. May be triggered by an edit check. Distinct from Interviewer Instruction.
Notes		Notes provide additional information about a CRQ topic for the reader. Currently, all notes include a link to measures which have references. These references are included as an appendix to the CRQ and are not part of the programming requirements.
Question		Any item for which the interviewer enters a response, including questions asked of R, questions asked of the interviewer, and other codes.
Range		Range of valid response values for items collecting or computing numeric data. E.g., the valid range of responses to number of sex partners in past 12 months is 0 to 7000.
Section		Section of the NHBS CRQ. Each section has a unique two letter abbreviation.
Series	...Series.	A group of questions on a given topic that share a general universe. Most but not all series have a parallel series elsewhere (e.g. Male-Female, Male-Male, and Female-Male series).

Term	Prefix / Format convention	Definition
Soft Edit Check	SoftEdit_	A check to determine whether the response entered is implausible or otherwise requires interviewer's attention. If so, CAPI program displays message to interviewer. The CAPI program allows the interviewer to proceed to the next screen,, even if they do not go back and change the response to 1 or more items that triggered the message.
Universe	Universe_	A specific group of respondents to receive a section, series, question, etc. E.g., the universe for the Consent Section is respondents who were eligible for the cycle in which they completed the eligibility screener. Universe statements are included in the CRQ to facilitate understanding by project area staff, Institutional Review Boards, etc. Universe statements are not intended to be used for CAPI programming.
Variable		Variables computed in the CAPI program or otherwise collected in the CAPI program.

### **CAPI programming conventions**

Below are conventions to be used for CAPI programming:

- Hard edit messages should be programmed to exclude values for DK (7777) and REF (9999).
- Round 8 CRQ refers to PWID (People who inject drugs) in text read to participants and in topic headers. In order to maintain consistency across time, variable names and skip logic still refer to our older description of this cycle, IDU (Injection drug use).
- Unless otherwise specified in the CRQ, all items that collect data require a response (which could be DK, REF, or NA) to be entered before advancing to the next item.
- DK, REF, & NA options are codable options in CAPI as specified in the CRQ.
- The CAPI program advances in the order specified in the CRQ. Interviewers may return to previous screens but cannot choose to skip ahead or change the order of items, topics, sections, etc.
- Text displayed on CAPI screens appears as it is formatted (e.g., bold, capitalization, etc.) in the CRQ.
- Many introductory statements contain the text "DISPLAY:" when the following text is meant to be read by the interviewer to the participant.
- Calculated variables used solely for fill text are not included in the CRQ.
- Items requesting dates:
  - o For items requesting full date (year, month, and day) the CAPI program should require all 3 fields to be completed or the response can be DK or REF.
  - o For items requesting month & year, allow an unknown month. That is, allow the interviewer to enter a year but leave the month field blank. Do not allow a month without a year.
  - o Date variables may need component variables to be created to facilitate logic or fill text (separate variables for year portion of the date, month portion of the date, and day portion of the date). Where needed, these are included in the CRQ and are specified by adding the following letters to the end of the component variable:
    - Year: Y
    - Month: M
    - Date: D
    - Example: DOB, DOBY, DOBM, DOBD
- Century month variables (see Key Terms, above, for definition)
  - o When month is unknown (blank), set the value of the month component variable to missing.
  - o When year is unknown (e.g., DK or REF), set the year component variable to missing.
  - o When month, year, or both month and year are unknown, set the century month variable to missing.
  - o When a century month variable is missing, treat its value as entirely unknown. That is, the CAPI program should not assume it has any particular numeric value or that its value is higher or lower than any other value.
  - o In hard edits comparing century month variables, if a century month variable is missing, they cannot be compared.
- Items allowing multiple responses:
  - o Such items are indicated in the CRQ by inclusion of the interviewer instruction to 'CHECK ALL that apply' as well as

inclusion of the variable name to the left of each response option. For each 'multiple choice' question, the response options are indicator variables with values of 1, if the option is selected, and 0, if the option is not selected. The variable names for a given 'multiple choice' question all start with a common stem and end with a letter, e.g., VAR1A, VAR1B, VAR1C, etc. If the response is DK or REF, the value for all of the variables for that set of response options is DK or REF.

- Time Stamp Variables
- All time stamp variables collected by the CAPI program must include hours, minutes, and seconds and must be formatted in military time.

**NHBS ROUND 8 QUESTIONNAIRE**

**PRE-SET VARIABLES**

**Calculated variables with pre-set values**

**CALC\_ROUND.**

ROUND	NHBS Round	ROUND = "NHBS Round 8"
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**CALC\_CYCLE.**

CYCLE	NHBS Cycle	CYCLE = 1 (MSM) If MSM cycle CYCLE = 2 (PWID) If PWID cycle CYCLE = 3 (HET) If HET cycle
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**CALC\_LANGUAGE.**

LANGUAGE	Language	LANGUAGE = 1 IF ENGLISH LANGUAGE = 2 IF SPANISH
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**CALC\_VERSION.**

VERSION	Questionnaire Version	If CYCLE=1 & LANGUAGE=1, VERSION='NHBS-MSM2026 - ENGLISH, [insert version date]' If CYCLE=1 & LANGUAGE=2, VERSION = 'NHBS-MSM2026 - SPANISH, [insert version date]' If CYCLE=2 & LANGUAGE=1, VERSION='NHBS-PWID2027 - ENGLISH, [Insert version date]' If CYCLE=2 & LANGUAGE=2, VERSION = 'NHBS-PWID2027 - SPANISH, [Insert version date]' If CYCLE=3 & LANGUAGE=1, VERSION='NHBS-HET2028 - ENGLISH, [Insert version date]' If CYCLE=3 & LANGUAGE=2, VERSION = 'NHBS-HET2028 - SPANISH, [Insert version date]'
Programming note:	Please insert the date the version of the CAPI instrument was created or updated.	

**CALC\_IDATE.**

IDATE	Interview date	IDATE = Today's date {system date }
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**CALC\_IDATE\_SERV.**

IDATE_SERV	Interview date - server date	IDATE = Today's date {server date}
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**CALC\_IDATEM.**

IDATEM	Interview date: Month	IDATEM = MONTH(IDATE)
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**CALC\_IDATEY.**

IDATEY	Interview date: Year	IDATEY = YEAR(IDATE)
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**CALC\_START.**

START	Start Time	START = Current time {system time }
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**CALC\_START\_SERV**

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START\_SERV      Start Time -server time      START = Current time {server time}

**CALC\_QYR.**

QYR      Current Questionnaire Year      QYR = if ((CYCLE=1), 2026, if ((CYCLE=2), 2027, if ((CYCLE=3), 2028, 0)))

**CALC\_MSMIMP.**

MSMIMP      MSM data collection start date      MSMIMP = 'June 1, [insert value of QYR]'

**Computed date and duration variables used throughout the interview****CALC\_IDATE\_C.**

IDATE\_C      Interview date: Century Month      IDATE\_C= (IDATEY-1900) \* 12 + (IDATEM)

**CALC\_AGO12M\_C.**

AGO12M\_C      12 mos before interview: Century Month      AGO12M\_C= IDATE\_C -12

NHBS ROUND 8 QUESTIONNAIRE

INTERVIEWER ENTERED INFORMATION (IE)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
Preset Variables	--	CYCLE	NHBS Cycle
Preset Variables	--	VERSION	Questionnaire Version
Preset Variables	--	MSMIMP	MSM data collection start date
Preset Variables	--	QYR	Current Questionnaire Year
Preset Variables	--	IDATE	Interview Date

<b>Universe_IE.</b>	All Rs.
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Interview landing page

<b>Programming Note:</b>	Interview landing page elements are outside of the interview and do not store or collect data. These elements are included in the CRQ below for tracking purposes.
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**IE0a. Enter the 4-digit survey ID:**

SURIDL Survey ID entered on landing page

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Range.....1-9999.....

Programming note:

For Mock NHBS interview, display: "Enter the 4-digit Mock Survey ID: "

<b>HardEdit_IE0a.</b>	<p>If survey ID is not 4 digits long, DISPLAY: "The Survey ID must be four digits long." Then, go back to the landing page.</p> <p>If survey ID contains any non-numeric characters, DISPLAY: "The survey ID must contain only digits." Then, go back to the landing page.</p> <p>If survey ID is between 9000 &amp; 9999, DISPLAY: "The Survey ID entered [fill with Survey ID entered on landing page] cannot be used for interviews with actual participants. If this is a training interview, use the Mock NHBS Interview link." Then, go back to the landing page.</p> <p>If survey ID has already been used, DISPLAY: "The interview for Survey ID [fill with Survey ID entered on landing page] was already started on [START_SERV]. Select OK to proceed with interview [fill with survey ID entered on landing page] or 'Cancel' to re-enter the survey ID." If 'Cancel,' clear the survey ID entered from the landing page. If interviewer selects 'OK' and interview not yet closed, go to last screen. If interviewer selects 'OK,' and interview is closed, DISPLAY: "INTERVIEWER: The interview for this Survey ID is closed and cannot be re-accessed. Please verify that the survey ID entered is correct."</p>
Programming	For Mock NHBS interview, if survey ID is <9000, DISPLAY: "The Survey ID you entered [fill with survey ID entered on

note:	landing page] cannot be used for training/Mock interviews. If this is a live interview, use the Live NHBS Interview link."
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<b>INFO_VERSION.</b>	DISPLAY: "This is questionnaire version [fill with value for VERSION]."
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<b>INFO_OMB.</b>	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."
<b>Programming Note:</b>	This OMB statement should not be programmed in CAPI and is only to be displayed in the CRQ.

<b>INFO_IE.</b>	DISPLAY: "Enter the pre-survey information."
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**Pre-survey codes**

**IE0c. Re-enter the 4-digit Survey ID:**

SURID Survey ID

---- ---- ---- ---- Must be 4 digits

Range.....1-9999.....

<b>HardEdit_IE0c.</b>	If Survey ID (IE0c.) not 4 digits long or includes any non-numeric characters, DISPLAY: " <b>INTERVIEWER:</b> The Survey ID must be four digits long." Then, go back to IE0c. If Survey ID (IE0c.) does not match the survey ID entered on the landing page, DISPLAY: "The Survey IDs entered do not match. Please verify and re-enter the Survey ID." Then, go back to the landing page. Else, go to Check_CALC_COUPON.
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<b>Check_CALC_COUPON.</b>	If IDU or HET cycle (CYCLE EQ 2 or 3), go to CALC_COUPON. Else, go to IE1.
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<b>CALC_COUPON.</b>		
COUPON	Coupon number - Survey ID value entered in CAPI	COUPON = SURID

**IE1. Interviewer ID:**

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

**IE2. City:**

CITYR8 City

Atlanta, GA.....	520.....
Baltimore, MD.....	720.....
Boston, MA .....	1123
Chicago, IL.....	1600.....
Denver, CO.....	2080.....
Detroit, MI.....	2160.....
Houston, TX.....	3360.....
Indianapolis, IN.....	3480.....
Los Angeles, CA.....	4480.....
Miami, FL .....	5000
Newark, NJ.....	5640.....
New Orleans, LA.....	5560.....
New York City, NY.....	5600.....
Philadelphia, PA.....	6160.....
Portland, OR.....	6440.....
San Diego, CA.....	7320.....

San Francisco, CA.....	7360.....
San Juan, PR.....	7440.....
Seattle, WA.....	7600.....
Virginia Beach-Norfolk, VA.....	5720.....
Washington, DC.....	8840.....

**Recruitment codes, MSM**

<b>Check_IE5.</b>	If MSM cycle (CYCLE EQ 1), go to IE5. Else, go to Check_IE9.
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**IE5. Venue Code:**  
 VENUE Venue Code  
 \_\_\_\_\_  
 Range 1-9900

**IE6. Event Number:**  
 VBS\_EVNT Event number  
 ---- ---- ----  
 Range.....1-999.....  
 Don't Know.....9999.....

**Post-Event Appointment (PEA)**

**IE7a. INTERVIEWER: Is this interview a Post Event Appointment?**  
 PEA Post Event Appointment  
 No.....0.....  
 Yes.....1.....

<b>Check_IE7b.</b>	If interview is a post event appointment (IE7a EQ 1), go to IE7b. Else, go to Check_IE9.
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**IE7b. Enter the field site ID for the location of the interview: (If unknown, select "Don't Know".)**

PEASITE PEA Field site ID  
 ---- - - - - - {4 alphanumeric characters}  
 Don't Know.....9.....

<b>Check_HardEdit_IE7b.</b>	If PEA field site is unknown (IE7b EQ DK), go to IE8. Else, go to HardEdit_IE7b.
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<b>HardEdit_IE7b.</b>	If IE7b is NOT 4 digits long, DISPLAY: " <b>INTERVIEWER:</b> The PEA Field Site ID must be four alphanumeric characters long." Then, go back to IE7b. Else, go to IE8.
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**Recruitment Date**

**IE8. Recruitment date: (If unknown, select "Don't Know".)**

RECRDATE Recruitment date  
 \_\_\_ / \_\_\_ / \_\_\_\_\_ (MM/DD/YYYY)  
 Range (Year).....1900-2100.....  
 Don't know (Year).....9999.....

<b>HardEdit_IE8.</b>	If Recruitment date known & after interview date (IE8 NE DK & IE8 GT IDATE), DISPLAY: " <b>INTERVIEWER:</b> The date of recruitment cannot be after today's date. Please correct on next screen." Then return to IE8. Else, go to SoftEdit_IE8.
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<b>SoftEdit_IE8.</b>	If Recruitment date known & before MSM cycle implementation date (IE8 NE DK & IE8 LT MSMIMP), DISPLAY: " <b>INTERVIEWER:</b> The date of recruitment 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 recruitment ." Else, go to Check_IE9.
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<b>Check_IE9.</b>	If IDU or HET cycle (CYCLE EQ 2 or CYCLE EQ 3), go to IE9. Else, go to Check_IE10.
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**Recruitment codes, RDS**

**Field Site ID**

**IE9. Field Site ID:**

FLDSTEID Field site ID

---- ---- {Must be 2 digits}

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

<b>HardEdit_IE9.</b>	If IE9 is not 2 digits long, DISPLAY: " <b>INTERVIEWER:</b> The Field Site ID must be two digits long. Please correct on next screen." Then return to IE9. Else, go to Check_IE10.
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<b>Check_IE10.</b>	If IDU or HET cycle (CYCLE EQ 2 or CYCLE EQ 3), go to IE10. Else, go to END_IE.
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**RDS Seed Status**

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

ISEED Respondent is a seed

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

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

<b>HardEdit_IE10.</b>	If Survey ID in non-seed range & R is a seed (IE0c. GE 1000 & IE10 EQ 1), DISPLAY: " <b>INTERVIEWER:</b> 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. Else, go to END_IE.
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<b>END_IE.</b>	Go to Eligibility Screener Section (ES).
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NHBS ROUND 8 QUESTIONNAIRE

ELIGIBILITY SCREENER (ES)

Variables from prior section(s) used in this section of the questionnaire			
<u>Section</u>	<u>Question #</u>	<u>Variable name</u>	<u>Variable label</u>
Preset variables	--	CYCLE	NHBS Cycle
Preset variables	--	IDATE	Interview date
Preset variables	--	QYR	Current Questionnaire Year
Interviewer Entered Information	IE2	CITYR8	City
Interviewer Entered Information	IE4	PEA	Post Event Appointment
Interviewer Entered Information	IE8	PEARDTE	PEA recruitment event date

<b>Universe_ES.</b>	All Rs.
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<b>INTRO_ES.</b>	DISPLAY: " 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."
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<b>CALC_BEGSCR.</b>		
<b>BEGSCR</b>	Time at beginning of screener	BEGSCR = Current time

<b>CALC_RDATE.</b>		
<b>RDATE</b>	Calculated Recruitment Date	If MSM cycle (CYCLE EQ 1): If interview is NOT a Post Event Appointment (IE7a EQ 0): RDATE=IDATE. Else, If interview is Post Event Appointment (IE7a EQ 1): RDATE=RECRDATE.  If (IDU or HET cycle) CYCLE EQ 2 or 3: RDATE = '.'

**Date of Birth**

**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

<b>Check_CALC_AGE</b>	If R did not provide date of birth (ES1 EQ DK or REF), go to ES2. Else, go to HardEdit_ES1.
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<b>HardEdit_ES1.</b>	If date of birth is on or after interview date (ES1 GE IDATE), DISPLAY: " <b>INTERVIEWER:</b> Date of birth cannot be TODAY or later." Then, go back to ES1. Else, go to CALC_AGE.
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<b>CALC_AGE.</b>		
AGE	CAPI 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.....

<b>HardEdit_ES1a.</b>	If calculated age NOT correct (ES1a EQ 0), DISPLAY: " <b>INTERVIEWER:</b> Please hit "Next" to re-enter the date of birth." Then, go back to ES1. Else, go to Check_ES2.
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<b>Check_ES2.</b>	If R LT 18 years old (AGE LT 18), go to Check_CALC_EL. Else, go to ES2.
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**Previous Participation, Self-Report**

**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.....

**Race/Ethnicity**

**Notes\_Ethnicity.** See [Measure References](#).

**ES3. Do you consider yourself to be of Hispanic, Latino/a, or Spanish origin?**

[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.....

<b>Check_ES3a.</b>	If R is Latino (ES3 EQ 1), go to ES3a. Else, go to ES4.
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**ES3a. Which of the following describes your Hispanic, Latino/a, or Spanish origin? You may choose more than one.**

[READ choices. CHECK ALL that apply.]

HSPTYP Hispanic Ancestry (number reported)

HSPTYPA Mexican

HSPTYPB Puerto Rican

HSPTYPC Cuban

HSPTYPD Dominican

HSPTYPE Another Hispanic, Latino/a, or Spanish origin

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

<b>Check_ES3spec.</b>	If R reports 'Another' Hispanic origin (HSPTYPE EQ 1), go to ES3spec. Else, go to ES4.
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**ES3spec. What is your Hispanic, Latino/a, or Spanish origin?**

SPECHSP Other specified Latino origin

-----

{text response; max length = 100 characters}

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

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

[Give Respondent Flashcard A.]

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

**ES4.** [READ choices. CHECK ALL that apply.]

RACE Racial group (number reported)

RACEA American Indian or Alaska Native

RACEB Asian

RACEC Black or African American

RACED Native Hawaiian or Other Pacific Islander

RACEE White

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

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

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

<b>Check_CountyofResidence.</b>	<p>If IE2 EQ 520, go to ES5_ATL.          If IE2 EQ 720, go to ES5_BLT.          If IE2 EQ 1123, go to ES5_BOS.          If IE2 EQ 1600, go to ES5_CHI.          If IE2 EQ 2080, go to ES5_DEN.          If IE2 EQ 2160, go to ES5_DET.          If IE2 EQ 3360, go to ES5_HOU.          If IE2 EQ 3480, go to ES5_IND.          If IE2 EQ 4480, go to ES5_LAX.          If IE2 EQ 5000, go to ES5_MIA.          If IE2 EQ 5640 go to ES5_NEW.          If IE2 EQ 5560, go to ES5_NOL.          If IE2 EQ 5600, go to ES5_NYC.          If IE2 EQ 5720, go to ES5_NOR.          If IE2 EQ 6160, go to ES5_PHL.</p>
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	<p>If IE2 EQ 6440, go to ES5_PTL.                  If IE2 EQ 7320, go to ES5_SDG.                  If IE2 EQ 7360, go to ES5_SFO.                  If IE2 EQ 7440, go to ES5_SJN.                  If IE2 EQ 7600, go to ES5_SEA.                  If IE2 EQ 8840, go to ES5_WDC.</p>
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**County of Residence**

**ES5\_ATL.      What county do you currently live in?**

[DO NOT read choices.]

ATLCTYR8

Eligibility, Atlanta county of residence

- Barrow County.....13013.....
- Butts County.....13035.....
- Carroll County.....13045.....
- Clayton County.....13063.....
- Cobb County.....13067.....
- Coweta County.....13077.....
- Dawson County.....13085.....
- DeKalb County.....13089.....
- Douglas County.....13097.....
- Fayette County.....13113.....
- Forsyth County.....13117.....
- Fulton County.....13121.....
- Gwinnett County.....13135.....
- Heard County.....13149.....
- Henry County.....13151.....
- Jasper County.....13159.....
- Lumpkin County.....13187.....
- Meriwether County.....13199.....
- Morgan County.....13211.....
- Newton County.....13217.....

Pickens County.....13227.....  
 Pike County.....13231.....  
 Rockdale County.....13247.....  
 Spalding County.....13255.....  
 Walton County.....13297.....  
 Other.....0.....  
 Don't Know.....99999.....  
 Refuse to Answer.....77777.....

<b>CALC_ATLELR8.</b>		
ATLELR8	Eligible county resident: ATL	ATLELR8 = if ((ATLCTYR8=13013 OR ATLCTYR8=13035 OR ATLCTYR8=13045 OR ATLCTYR8=13063 OR ATLCTYR8=13067 OR ATLCTYR8=13077 OR ATLCTYR8=13085 OR ATLCTYR8=13089 OR ATLCTYR8=13097 OR ATLCTYR8=13113 OR ATLCTYR8=13117 OR ATLCTYR8=13121 OR ATLCTYR8=13135 OR ATLCTYR8=13149 OR ATLCTYR8=13151 OR ATLCTYR8=13159 OR ATLCTYR8=13187 OR ATLCTYR8=13199 OR ATLCTYR8=13211 OR ATLCTYR8=13217 OR ATLCTYR8=13227 OR ATLCTYR8=13231 OR ATLCTYR8=13247 OR ATLCTYR8=13255 OR OR ATLCTYR8=13297), 1,0)

<b>Check_ES5_BLT.</b>	Go to CALC_E_CITYR8.
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**ES5\_BLT. What county do you currently live in?**

[DO NOT read choices.]

**BLTCTYR7 Eligibility, Baltimore county of residence**

Baltimore city.....24510.....  
 Anne Arundel.....24003.....  
 Baltimore.....24005.....  
 Carroll.....24013.....  
 Harford.....24025.....  
 Howard.....24027.....  
 Queen Anne's.....24035.....  
 Other.....0.....

Don't Know.....99999.....

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

<b>CALC_BLTELR5.</b>		
BLTELR7	Eligible county resident: BLT	BLTELR7 = if ((BLTCTYR7=24510 OR BLTCTYR7=24003 OR BLTCTYR7=24005 OR BLTCTYR7=24013 OR BLTCTYR7=24025 OR BLTCTYR7=24027 OR BLTCTYR7=24035), 1,0)

<b>Check_ES5_BOS.</b>	Go to CALC_E_CITYR8.
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**ES5\_BOS. What county do you currently live in?**

[DO NOT read choices.]

**BOSCTYR8** Eligibility, Boston county of residence

Essex County.....25009.....

Middlesex County.....25017.....

Norfolk County.....25021.....

Plymouth County.....25023.....

Suffolk County.....25025.....

Other.....0.....

Don't Know.....99999.....

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

<b>CALC_BOSELR8.</b>		
BOSELR8	Eligible county resident: BOS	BOSELR8 = if ((BOSCTYR8=25009 OR BOSCTYR8=25017 OR BOSCTYR8=25021 OR BOSCTYR8=25023 OR BOSCTYR8=25025), 1,0)

<b>Check_ES5_CHI.</b>	Go to CALC_E_CITYR8.
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**ES5\_CHI. What county do you currently live in?**

[DO NOT read choices.]

CHICTYR7

Eligibility, Chicago county of residence

Cook County.....17031.....  
 DuPage County.....17043.....  
 Grundy County.....17063.....  
 McHenry County.....17111.....  
 Will County.....17197.....  
 Other.....0.....  
 Don't Know.....99999.....  
 Refuse to Answer.....77777.....

<b>CALC_CHIELR7.</b>		
CHIELR7	Eligible county resident: CHI	CHIELR7 = if ((CHICTYR7=17031 OR CHICTYR7=17043 OR CHICTYR7=17063 OR CHICTYR7=17111 OR CHICTYR7=17197), 1,0)

<b>Check_ES5_DEN.</b>	Go to CALC_E_CITYR8.
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**What county do you currently live in?**

ES5\_DEN.

[DO NOT read choices.]

DENCTYR7

Eligibility, Denver county of residence

Adams County.....08001.....  
 Arapahoe County.....08005.....  
 Broomfield County.....08014.....  
 Clear Creek County.....08019.....  
 Denver County.....08031.....  
 Douglas County.....08035.....  
 Elbert County.....08039.....  
 Gilpin County.....08047.....  
 Jefferson County.....08059.....

Park County.....08093.....  
 Other.....0.....  
 Don't Know.....99999.....  
 Refuse to Answer.....77777.....

<b>CALC_DENELR7.</b>		
DENELR7	Eligible county resident: DEN	DENELR7 = if ((DENCTYR7=08001 OR DENCTYR7=08005 OR DENCTYR7=08014 OR DENCTYR7=08019 OR DENCTYR7=08031 OR DENCTYR7=08035 OR DENCTYR7=08039 OR DENCTYR7=08047 OR DENCTYR7=08059 OR DENCTYR7=08093), 1,0)

<b>Check_ES5_DET.</b>	Go to CALC_E_CITYR8.
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**ES5\_DET. What county do you currently live in?**

[DO NOT read choices.]

DETCTYR7 Eligibility, Detroit county of residence

Macomb County.....26099.....  
 Oakland County.....26125.....  
 Wayne County.....26163.....  
 Other.....0.....  
 Don't Know.....99999.....  
 Refuse to Answer.....77777.....

<b>CALC_DETEL7.</b>		
DETEL7	Eligible county resident: DET	DETEL7 = if ((DETCTYR7=26099 OR DETCTYR7=26125 OR DETCTYR7=26163), 1,0)

<b>Check_ES5_HOU.</b>	Go to CALC_E_CITYR8.
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**ES5\_HOU. What county do you currently live in?**

[DO NOT read choices.]

HOUCTYR8 Eligibility, Houston county of residence

Austin County.....48015.....

Brazoria County.....48039.....

Chambers County.....48071.....

Fort Bend County.....48157.....

Galveston County.....48167.....

Harris County.....48201.....

Liberty County.....48291.....

Montgomery County.....48339.....

San Jacinto County.....48407.....

Waller County.....48473.....

Other.....0.....

Don't Know.....99999.....

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

CALC_HOUELR8.		
HOUELR8	Eligible county resident: HOU	HOUELR8= if ((HOUCTYR8=48015 OR HOUCTYR8=48039 OR HOUCTYR8=48071 OR HOUCTYR8=48157 OR HOUCTYR8=48167 OR HOUCTYR8=48201 OR HOUCTYR8=48291 OR HOUCTYR8=48339 OR HOUCTYR8=48407 OR HOUCTYR8=48473), 1,0)

Check_ES5_IND.	Go to CALC_E_CITYR8.
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ES5\_IND. What county do you currently live in?

[DO NOT read choices.]

INDCTYR8 Eligibility, Indianapolis county of residence

Boone County.....18011.....

Brown County.....18013.....

Hamilton County.....18057.....

Hancock County.....	18059.....
Hendricks County.....	18063.....
Johnson County.....	18081.....
Madison County.....	18095.....
Marion County.....	18097.....
Morgan County.....	18109.....
Shelby County.....	18145.....
Tipton County.....	18159.....
Other.....	0.....
Don't Know.....	99999.....
Refuse to Answer.....	77777.....

<b>CALC_INDEL8.</b>		
INDEL8	Eligible county resident: IND	INDEL8= if (INDCTYR8=18011 OR INDCTYR67=18013 OR INDCTYR8=18057 OR INDCTYR8=18059 OR INDCTYR8=18063 OR INDCTYR8=18081 OR INDCTYR8=18095 OR INDCTYR8=18097 OR INDCTYR8=18109 OR INDCTYR8=18145 OR INDCTYR8=18159), 1,0)

<b>Check_ES5_LAX.</b>	Go to CALC_E_CITYR8.
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**ES5\_LAX. What county do you currently live in?**

[DO NOT read choices.]

LAXCTYR7 Eligibility, Los Angeles county of residence

Los Angeles County.....	06037.....
Other.....	0.....
Don't Know.....	99999.....
Refuse to Answer.....	77777.....

<b>CALC_LAXELR57.</b>		
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LAXELR7	Eligible county resident: LAX	LAXELR7 = if ((LAXCTYR7=06037), 1,0)
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Check_ES5_MIA.	Go to CALC_E_CITYR8.
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**ES5\_MIA. What county do you currently live in?**

[DO NOT read choices.]

MIACTYR8

Eligibility, Miami county of residence

Miami-Dade County.....12086.....

Other.....0.....

Don't Know.....99999.....

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

<b>CALC_MIAELR8.</b>		
MIAELR8	Eligible county resident: MIA	MIAELR8 = if (MIACTYR8=12086, 1,0)

Check_ES5_NEW.	Go to CALC_E_CITYR8.
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**ES5\_NEW. What county do you currently live in?**

[DO NOT read choices.]

NEWCTYR8

Eligibility, Newark county of residence

Essex County.....34013.....

Hudson County.....34017.....

Hunterdon County.....34019.....

Morris County.....34027.....

Sussex County.....34037.....

Union County.....34039.....

Other.....0.....

Don't Know.....99999.....

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

<b>CALC_NEWELR8.</b>		
NEWELR8	Eligible county resident: NEW	NEWELR8 = if ((NEWCTYR8=1 OR 34013 OR NEWCTYR8=34017 OR NEWCTYR8=34019 OR NEWCTYR8=34027 OR NEWCTYR8=34037 OR NEWCTYR8=34039), 1,0)

<b>Check_ES5_NOL.</b>	Go to CALC_E_CITYR8.	
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**ES5\_NOL. What parish do you currently live in?**

[DO NOT read choices.]

NOLCTYR8 Eligibility, New Orleans parish of residence

Jefferson Parish.....22051.....

Orleans Parish.....22071.....

Plaquemines Parish.....22075.....

St. Bernard Parish.....22087.....

St. Charles Parish.....22089.....

St. James Parish.....22093.....

St. John the Baptist Parish.....22095.....

Other.....0.....

Don't Know.....99999.....

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

<b>CALC_NOLEL.</b>		
NOLELR8	Eligible parish resident: NOL	NOLELR8 = if ((NOLCTYR8=22051 OR NOLCTYR8=22071 OR NOLCTYR8=22075 OR NOLCTYR8=22087 OR NOLCTYR8=22089 OR NOLCTYR8=22093 OR NOLCTYR8=22095), 1,0)

Check_ES5_NYC.	Go to CALC_E_CITYR8.
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**ES5\_NYC. What county do you currently live in?**

[DO NOT read choices.]

NYCCTYR7	Eligibility, New York City county of residence
	Bronx County, NY.....36005.....
	Kings County, NY.....36047.....
	New York County, NY.....36061.....
	Putnam County, NY.....36079.....
	Queens County, NY.....36081.....
	Richmond County, NY.....36085.....
	Rockland County, NY.....36087.....
	Westchester County, NY.....36119.....
	Bergen County, NJ.....34003.....
	Passaic County, NJ.....34031.....
	Other.....0.....
	Don't Know.....99999.....
	Refuse to Answer.....77777.....

CALC_NYCEL7.		
NYCEL7	Eligible county resident: NYC	NYCEL7 = if ((NYCCTYR7=36005 OR NYCCTYR7=36047 OR NYCCTYR7=36061 OR NYCCTYR7=36079 OR NYCCTYR7=36081 OR NYCCTYR7=36085 OR NYCCTYR7=36087 OR NYCCTYR7=36119 OR NYCCTYR7=34003 OR NYCCTYR7=34031), 1,0)

Check_ES5_NOR.	Go to CALC_E_CITYR8.
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**ES5\_NOR. What county do you currently live in?**

[DO NOT read choices.]

NORCTYR8	Eligibility, Virginia Beach-Norfolk county of residence
	Chesapeake city, VA.....51550.....
	Gloucester County, VA.....51073.....
	Hampton city, VA.....51650.....
	Isle of Wight County, VA.....51093.....
	James City County, VA.....51095.....
	Mathews County, VA.....51115.....
	Newport News city, VA.....51700.....
	Norfolk city, VA.....51710.....
	Poquoson city, VA.....51735.....
	Portsmouth city, VA.....51740.....
	Suffolk city, VA.....51800.....
	Surry County, VA.....51181.....
	Virginia Beach city, VA.....51810.....
	Williamsburg city, VA.....51830.....
	York County, VA.....51199.....
	Camden County, NC.....37029.....
	Currituck County, NC.....37053.....
	Gates County, NC.....37073.....
	Other.....0.....
	Don't Know.....99999.....
	Refuse to Answer.....77777.....

CALC_NOELR8.		
NORELR8	Eligible county resident: NOR	NORELR8 = if ((NORCTYR8=51550 OR NORCTYR8=51073 OR NORCTYR8=51650 OR NORCTYR8=51093 OR NORCTYR8=51095 OR NORCTYR8=51115 OR NORCTYR8=51700 OR NORCTYR8=51710 OR NORCTYR8=51735 OR NORCTYR8=51740 OR NORCTYR8=51800 OR NORCTYR8=51181 OR NORCTYR8=51810 OR NORCTYR8=51830 OR NORCTYR8=51199 OR NORCTYR8=37029 OR NORCTYR8=37053 OR NORCTYR8=37073), 1,0)

<b>Check_ES5_PHL.</b>	Go to CALC_E_CITYR8.
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**ES5\_PHL. What county do you currently live in?**

[DO NOT read choices.]

PHLCTYR7 Eligibility, Philadelphia county of residence

Delaware County.....42045.....

Philadelphia County.....42101.....

Other.....0.....

Don't Know.....99999.....

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

<b>CALC_PHLELR7.</b>		
<b>PHLELR7</b>	Eligible county resident: PHL	PHLELR7 = if ((PHLCTYR7=42045 OR PHLCTYR7=42101), 1,0)

<b>Check_ES5_PTL.</b>	Go to CALC_E_CITYR8.
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**ES5\_PTL. What county do you currently live in?**

[DO NOT read choices.]

PTLCTYR7 Eligibility, Portland county of residence

Clackamas County, OR.....41005.....

Columbia County, OR.....41009.....

Multnomah County, OR.....41051.....

Washington County, OR.....41067.....

Yamhill County, OR.....41071.....

Clark County, WA.....53011.....

Skamania County, WA.....53059.....

Other.....0.....  
 Don't Know.....99999.....  
 Refuse to Answer.....77777.....

<b>CALC_PTLELR7.</b>		
PTLELR7	Eligible county resident: PTL	PTLELR7 = if ((PTLCTYR7=41005 OR PTLCTYR7=41009 OR PTLCTYR7=41051 OR PTLCTYR7=41067 OR PTLCTYR7=41071 OR PTLCTYR7=53011 OR PTLCTYR7=53059), 1,0)

<b>Check_ES5_SDG.</b>	Go to CALC_E_CITYR8.
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**ES5\_SDG. What county do you currently live in?**

[DO NOT read choices.]

SDGCTYR7 Eligibility, San Diego county of residence

San Diego County.....06073.....  
 Other.....0.....  
 Don't Know.....99999.....  
 Refuse to Answer.....77777.....

<b>CALC_SDGELR7.</b>		
SDGELR7	Eligible county resident: SDG	SDGELR7 = if ((SDGCTYR7=06073), 1,0)

<b>Check_ES5_SFO</b>	Go to CALC_E_CITYR8.
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**ES5\_SFO. What county do you currently live in?**

[DO NOT read choices.]

SFOCTYR7 Eligibility, San Francisco county of residence

San Francisco County.....06075.....  
 San Mateo County.....06081.....

Other.....0.....  
 Don't Know.....99999.....  
 Refuse to Answer.....77777.....

<b>CALC_SFOELR7.</b>		
SFOELR7	Eligible county resident: SFO	SFOELR7 = if ((SFOCTYR7=06075 OR SFOCTYR7=06081), 1,0)

<b>Check_ES5_SJN.</b>	Go to CALC_E_CITYR8.
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**ES5\_SJN. What municipality (county) do you currently live in?**

[DO NOT read choices.]

**SJNCTYR7 Eligibility, San Juan county (municipio) of residence**

- Aguas Buenas.....72007.....
- Aibonito.....72009.....
- Barceloneta.....72017.....
- Barranquitas.....72019.....
- Bayamón.....72021.....
- Caguas.....72025.....
- Canóvanas.....72029.....
- Carolina.....72031.....
- Cataño.....72033.....
- Cayey.....72035.....
- Ceiba.....72037.....
- Ciales.....72039.....
- Cidra.....72041.....
- Comerío.....72045.....
- Corozal.....72047.....
- Dorado.....72051.....

Fajardo.....	72053.....
Florida.....	72054.....
Guaynabo.....	72061.....
Gurabo.....	72063.....
Humacao.....	72069.....
Juncos.....	72077.....
Las Piedras.....	72085.....
Loíza.....	72087.....
Luquillo.....	72089.....
Manatí.....	72091.....
Manuabo.....	72095.....
Morovis.....	72101.....
Naguabo.....	72103.....
Naranjito.....	72105.....
Orocovis.....	72107.....
Río Grande.....	72119.....
San Juan.....	72127.....
San Lorenzo.....	72129.....
Toa Alta.....	72135.....
Toa Baja.....	72137.....
Trujillo Alto.....	72139.....
Vega Alta.....	72143.....
Vega Baja.....	72145.....
Yabucoa.....	72151.....
Other.....	0.....
Don't Know.....	99999.....
Refuse to Answer.....	77777.....

<b>CALC_SJNELR7.</b>		
SJNELR7	Eligible municipality resident: SJN	SJNELR7 = if ((SJNCTYR7=72007 OR SJNCTYR7=72009 OR SJNCTYR7=72017 OR SJNCTYR7=72019 OR SJNCTYR7=72021 OR SJNCTYR7=72025 OR SJNCTYR7=72029 OR SJNCTYR7=72031 OR SJNCTYR7=72033 OR SJNCTYR7=72035 OR SJNCTYR7=72037 OR SJNCTYR7=72039 OR SJNCTYR7=72041 OR SJNCTYR7=72045 OR SJNCTYR7=72047 OR SJNCTYR7=72051 OR SJNCTYR7=72053 OR SJNCTYR7=72054 OR SJNCTYR7=72061 OR SJNCTYR7=72063 OR SJNCTYR7=72069 OR SJNCTYR7=72077 OR SJNCTYR7=72085 OR SJNCTYR7=72087 OR SJNCTYR7=72089 OR SJNCTYR7=72091 OR SJNCTYR7=72095 OR SJNCTYR7=72101 OR SJNCTYR7=72103 OR SJNCTYR7=72105 OR SJNCTYR7=72107 OR SJNCTYR7=72119 OR SJNCTYR7=72127 OR SJNCTYR7=72129 OR SJNCTYR7=72135 OR SJNCTYR7=72137 OR SJNCTYR7=72139 OR SJNCTYR7=72143 OR SJNCTYR7=72145 OR SJNCTYR7=72151), 1,0)

<b>Check_ES5_SEA.</b>	Go to CALC_E_CITYR8.
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**ES5\_SEA. What county do you currently live in?**

[DO NOT read choices.]

SEACTYR8

Eligibility, Seattle county of residence

King County.....53033.....

Other.....0.....

Don't Know.....99999.....

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

<b>CALC_SEAELR8.</b>		
SEAELR8	Eligible county resident: SEA	SEAELR8 = if ((SEACTYR8=53033), 1, 0)

<b>Check_ES5_WDC.</b>	Go to CALC_E_CITYR8.
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**ES5\_WDC. What county do you currently live in?**

[DO NOT read choices.]

WDCCTYR8

Eligibility, Washington DC county of residence

District of Columbia.....11001.....

Charles County, MD.....24017.....  
 Prince George's County, MD.....24033.....  
 Other.....0.....  
 Don't Know.....99999.....  
 Refuse to Answer.....77777.....

<b>CALC_WDCEL8.</b>		
WDCEL8	Eligible county resident: WDC	WDCEL8 = if ((WDCCTYR8=11001 OR WDCCTYR8=24017 OR WDCCTYR8=24033), 1,0)

**MSA Residence calculation**

<b>CALC_E_CITYR8.</b>		
E_CITYR8	Eligible city resident	E_CITYR8 = if ((ATLELR8=1 or BLTELR7=1 or BOSELR8=1 or CHIELR7=1 or DENELR7=1 or DETELR7=1 or HOUELR8=1 or INDEL8=1 or LAXELR7=1 or MIAELR8=1 or NEWELR8=1 or NOLELR8=1 or NOREL8=1 or NYCEL7=1 or PHLELR7=1 or PTLELR7=1 or SDGELR7=1 or SFOELR7=1 or SJNELR7=1 or SEAE8=1 or WDCEL8=1),1,0)

<b>CALC_E_CITY_DCC.</b>		
E_CITY_DCC	Eligible city resident for DCC Portal	E_CITY_DCC = E_CITYR8

<b>Check_ES5spec.</b>	If R is resident of 'other' county (ES5_ATL. EQ 0 or ES5_BLT. EQ 0 or ES5_BOS. EQ 0 or ES5_CHI. EQ 0 or ES5_DEN. EQ 0 or ES5_DET. EQ 0 or ES5_HOU. EQ 0 or ES5_IND. EQ 0 or ES5_LAX. EQ 0 or ES5_MIA. EQ 0 or ES5_NEW. EQ 0 or ES5_NOL. EQ 0 or ES5_NOR. EQ 0 or ES5_NYC. EQ 0 or ES5_PHL. EQ 0 or ES5_PTL. EQ 0 or ES5_SDG. EQ 0 or ES5_SFO. EQ 0 or ES5_SJN. EQ 0 or ES5_SEA.EQ 0 or ES5_WDC. EQ 0), go to ES5spec. Else, go to ES8a.	
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ES5spec. INTERVIEWER: Specify other county

SPECCNTY Specify other county

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

**Sex**

**What is your sex?**

**ES8a.** [READ choices.]

RSEX Respondent's sex

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

<b>CALC_RSEX_YN.</b>		
RSEX_YN	Whether Respondent is male or female	If (RSEX=SK), RSEX_YN = . (not calculated) Else if (RSEX=DK or RSEX=REF), RSEX_YN = 9. Else if (RSEX=1) or (RSEX= 2), RSEX_YN=1. Else RSEX_YN=0.

<b>Check_ES9a.</b>	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.
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**Behavioral Eligibility, NHBS-MSM**

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

E\_EVRMSW Eligibility: MSM, Ever had sex with woman

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

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

E\_EVRMSM Eligibility: MSM, Ever had sex with man

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

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

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

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

**NHBS-MSM Venue Attendance**

**ES9c.** 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.

ATTEND30 Venue attendance, 30 days

— — —

Range.....0-700.....

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

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

Check_ES10.	Go to INTRO_ES18.
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**Behavioral Eligibility, NHBS-PWID**

**ES10.** Have you ever in your life shot up or injected any drugs other than those prescribed for you? By shooting up, I mean any time you might have used drugs with a needle, either by mainlining, skin popping, or muscling.

E\_EVRINJ Eligibility: ever injected

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

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

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

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

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

<b>Check_ES11a.</b>	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.
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**ES11a.** INTERVIEWER: Was this days or months or years?

E\_LINJU IDU ES : When last injected, unit

Days.....0.....

Months.....1.....

Years.....2.....

<b>CALC_E_INJ12.</b>		
<b>E_INJ12</b>	injected in last 12 months	E_INJ12 = if (E_LINJN= .DK or E_LINJN= .REF),, 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\_USINJR8 Eligibility, drug usually injected

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

Heroin..... 2

Powder cocaine..... 3

Crack cocaine..... 4

Methamphetamine, also known as meth, crystal meth, speed, or crank.....	5
Painkillers, such as Oxycontin, Dilaudid, morphine, Percocet, or Demerol.....	6
Something else .....	7
Don't Know.....	99
Refuse to Answer.....	77

<b>Check_ES12spec.</b>	If R most often injects 'something else' (ES12 EQ 7), go to ES12spec. Else, go to Check_ES13.
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**ES12spec. INTERVIEWER: Specify other injection drug**

SPECE\_ID Specify other injection drug

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{text response; max characters = 100}

<b>Check_ES13.</b>	Go to INTRO_ES18. (Language Proficiency)
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**Where on your body do you usually inject?**

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

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

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

<b>HardEdit_ES13.</b>	If interviewer records both physical signs & 'no physical signs' of injection (E_INJBDA EQ 1 or E_INJBDB EQ 1 or
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	<p>E_INJBDC EQ 1 or E_INJBDD EQ 1) &amp; E_INJBDF EQ 1, DISPLAY: "<b>INTERVIEWER:</b> You indicated that the respondent had both physical signs and no physical signs of injection. Clarify and re-enter response to current or prior item as needed." Then go back to ES13. Else, go to CALC_E_INJSIG.</p>
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<p><b>CALC_E_INJSIG.</b></p>		
<p>E_INJSIG</p>	<p>Eligible: Phy Sign Recent Injection</p>	<p>If R has fresh track marks, needle-sized scabs, or abscesses (E_INJBDA=1 OR E_INJBDB=1 OR E_INJBDC=1), E_INJSIG EQ 1. If R has old track marks or scars, has no physical signs of injection, or has no physical signs of injection and injects in a covered area (E_INJBDD=1 OR E_INJBDF=1 OR (E_INJBDE=1 and E_INJBDF=1)), E_INJSIG EQ 2. If R refused to answer (E_INJBD= REF) or only injected in a covered area (E_INJBDE=1 and (E_INJBDA EQ 0 and E_INJBDB EQ 0 and E_INJBDC EQ 0 and E_INJBDD EQ 0 and E_INJBDF=0)), E_INJSIG EQ 0.</p>

<p><b>Check_ES14.</b></p>	<p>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.</p>
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<p><b>Check_INTRO_ES14</b></p>	<p>If R injected in past 12m (E_INJ12 EQ 1), to to INFO_ES14. Else, go to Check_HET_Behavioral_Eligibility.</p>
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<p><b>INFO_ES14.</b></p>	<p><b>INTERVIEWER:</b> Use the next questions to assess the participant's injection knowledge.</p>
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**Step-by-step, tell me how you prepare your drugs.**

[**INTERVIEWER:** Description could include:

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

E\_INJPRP Eligibility, prepare drugs

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

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

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

[**INTERVIEWER:** Description could include:

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

E\_HWINJ Eligibility, how is injection done  
 Description OK.....1.....  
 Description Not OK.....2.....

**What type of syringe do you usually inject with?**

[INTERVIEWER: Description could include:

--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.....

<b>CALC_E_INJKNW.</b>		
E_INJKNW	Eligible: Injection knowledge	E_INJKNW = if ((E_INJPRP=1 AND E_HWINJ=1 AND E_STYP=1),1,0)

<b>Check_E_INJCT.</b>	Go to CHECK_HET_Behavioral_Eligibility.
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<b>CALC_E_INJCT.</b>		
E_INJCT	Eligible: Injection signs or knowledge	E_INJCT = if (E_INJSIG=1 OR (E_INJSIG=2 AND E_INJKNW=1),1,0)

<b>Check_HET_Behavioral_Eligibility</b>	Go to INTRO_ES18.
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**Behavioral Eligibility, NHBS-HET**

<b>Check_INTRO_ES17</b>	If R is male or female (RSEX_YN EQ 1), go to INTRO_ES17. Else, go to CALC_E_VAS12.
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<b>INTRO_ES17.</b>	DISPLAY: " The next questions are about having sex. Please remember your answers will be kept private."
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**ES17.** **Have you had sex with a** [if R is male (ES8a EQ 1), fill with "woman"; if R is female (ES8a EQ 2), 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.....

<b>Check_ES17a.</b>	If R had sex with opposite-sex partner (ES17 EQ 1), go to ES17a. Else, go to CALC_E_VAS12.
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**ES17a.** **Did you have vaginal sex? By vaginal sex, I mean** [if R is male (ES8a EQ 1), fill with "you put your penis in her vagina"; if R is female (ES8a EQ 2), 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.....

<b>Check_ES17b.</b>	If R had vaginal sex (ES17a EQ 1), go to CALC_E_VAS12. Else, go to ES17b.
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**ES17b.** **Did you have anal sex? By anal sex, I mean** [if R is male (ES8a EQ 1), fill with "you put your penis in her anus or butt"; if R is female (ES8a EQ 2), fill with "he put his penis in your anus or butt"].

E\_AS12

Eligibility: Anal sex past 12mos

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

<b>Check_ES17conf.</b>	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.
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**ES17conf.** **So, in the last 12 months, you only had oral sex with a** [if R is male (ES8a EQ 1), fill with "woman"; if R is female (ES8a EQ 2), fill with "man"]? **Is that correct?**

C\_OS12 Eligibility: Oral sex confirmation only

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

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

<b>Check_CALC_E_VAS12.</b>	If oral sex only NOT correct (ES17conf EQ 0), go back to ES17a. Else, go to CALC_E_VAS12.
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<b>CALC_E_VAS12.</b>		
<b>E_VAS12</b>	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**

**Notes\_LanguageProficiency** See [Measure References](#).

<b>INTRO_ES18.</b>	DISPLAY: "The next questions are about languages you speak."
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**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, Pre-Interview**

**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 (ES20a EQ 0), go to ES20b.  
Else, go to ES20c.

**INTERVIEWER: Specify reason person not able to complete the interview:**

**ES20b.**

[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

**INTERVIEWER: Did your field supervisor tell you that this person cannot complete the survey for some other reason?**

**ES20c.**

Eligibility: field supervisor reason

E\_FS

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.

**INTERVIEWER: Specify other reason person not able to complete the interview:**

**ES20d.** [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.

**INTERVIEWER: Specify other reason person not able to complete the interview:**

**ES20e.** [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 )

<b>INTRO_Check_CALC_EL</b>	DISPLAY: "We've finished the first series of questions. Now the computer will determine whether you've been selected to participate in the survey."
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**Cycle Eligibility Calculation**

<b>Check_CALC_EL.</b>	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.
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<b>CALC_EL_MSM.</b>		
EL_MSM	Eligible: MSM cycle	EL_MSM = if((DOB^=.DK AND DOB^=.REF AND & AGE>17 & E_PART=0 & E_CITYR8=1 & E_CAP=1 & E_FS=0 & RSEX=1 & E_EVRMSM=1),1,0)

<b>CALC_EL_IDU.</b>		
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EL_IDU	Eligible: IDU cycle	EL_IDU = if((DOB^=.DK & DOB^=.REF & AGE>17 & E_PART=0 & E_CITYR8=1 & E_CAP=1 & E_FS=0 & E_EVRINJ=1 & E_INJ12=1),1,0)
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CALC_EL_HET.		
EL_HET	Eligible: HET cycle	EL_HET = if((DOB^=.DK & DOB^=.REF & AGE>17 & AGE<61 & E_PART=0 & E_CITYR8=1 & E_CAP=1 & E_FS=0 & RSEX_YN=1 & E_VAS12=1),1,0)

CALC_ENDSCR.		
ENDSCR	Time eligibility screener ended	ENDSCR = Current time

END_ES.	<p>If R NOT eligible for cycle (CYCLE EQ 1 &amp; EL_MSM EQ 0), or (CYCLE EQ 2 &amp; EL_IDU EQ 0), or (CYCLE EQ 3 &amp; EL_HET EQ 0), DISPLAY: "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." Then, go to END Section (END).</p> <p>If R eligible for cycle (CYCLE EQ 1 &amp; EL_MSM EQ 1) or (CYCLE EQ 2 &amp; EL_IDU EQ 1) or (CYCLE EQ 3 &amp; EL_HET EQ 1), DISPLAY: "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).</p>
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**NHBS ROUND 8 QUESTIONNAIRE**

**APPENDIX A - FLASHCARDS**

## 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
- Powder cocaine
- Crack cocaine
- Methamphetamine, also known as meth, crystal meth, speed, or crank
- Painkillers, such as Oxycontin, Dilaudid, morphine, Percocet, or Demerol
- Something else